

November 26, 2016

Bob Bennett
Manatee County
3333 Lena Road
Bradenton, FL 34211

RE: Project: Lena Road Landfill
Pace Project No.: 35270965

Dear Bob Bennett:

Enclosed are the analytical results for sample(s) received by the laboratory between October 17, 2016 and October 19, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lori Palmer
lori.palmer@pacelabs.com
Project Manager

Enclosures

cc: Bryan White, Manatee County Solid Waste



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Lena Road Landfill

Pace Project No.: 35270965

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35270965001	GW-3	Water	10/17/16 08:09	10/17/16 18:30
35270965002	GW-4	Water	10/17/16 08:59	10/17/16 18:30
35270965003	GW-5	Water	10/17/16 09:58	10/17/16 18:30
35270965004	GW-6	Water	10/17/16 10:41	10/17/16 18:30
35270965005	GW-7	Water	10/17/16 11:27	10/17/16 18:30
35270965006	GW-8	Water	10/17/16 12:05	10/17/16 18:30
35270965007	GW-9	Water	10/17/16 12:45	10/17/16 18:30
35270965008	GW-10	Water	10/17/16 13:35	10/17/16 18:30
35270965009	GW-11	Water	10/17/16 14:21	10/17/16 18:30
35270965010	GW-12	Water	10/17/16 14:56	10/17/16 18:30
35270965011	GW-13	Water	10/17/16 15:26	10/17/16 18:30
35270965012	GW-14	Water	10/17/16 16:02	10/17/16 18:30
35270965013	Trip Blank 1 10.17.16	Water	10/17/16 16:02	10/17/16 18:30
35270965014	Trip Blank 2 10.17.16	Water	10/17/16 16:02	10/17/16 18:30
35271251001	BGW-1	Water	10/18/16 07:24	10/19/16 00:10
35271251002	GW-15	Water	10/18/16 08:10	10/19/16 00:10
35271251003	GW-16	Water	10/18/16 08:50	10/19/16 00:10
35271251004	GW-17	Water	10/18/16 09:30	10/19/16 00:10
35271251005	GW-18	Water	10/18/16 10:19	10/19/16 00:10
35271251006	GW-19	Water	10/18/16 10:58	10/19/16 00:10
35271251007	GW-20	Water	10/18/16 11:37	10/19/16 00:10
35271251008	GW-21	Water	10/18/16 12:13	10/19/16 00:10
35271251009	GW-22	Water	10/18/16 12:49	10/19/16 00:10
35271251010	GW-23	Water	10/18/16 13:34	10/19/16 00:10
35271251011	GW-24	Water	10/18/16 14:15	10/19/16 00:10
35271251012	GW-25	Water	10/18/16 14:59	10/19/16 00:10
35271251013	GW-26	Water	10/18/16 15:39	10/19/16 00:10
35271251014	GW-27R	Water	10/18/16 16:25	10/19/16 00:10
35271251015	Field Blank 10/18/2016	Water	10/18/16 16:00	10/19/16 00:10
35271251016	GW-17DUP	Water	10/18/16 09:30	10/19/16 00:10
35271251017	TRIP BLANK 10/18/16	Water	10/18/16 00:01	10/19/16 00:10

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35270965001	GW-3	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35270965002	GW-4	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35270965003	GW-5	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35270965004	GW-6	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35270965005	GW-7	EPA 8011	SMH	2	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35270965006	GW-8	EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
35270965007	GW-9	EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
35270965008	GW-10	EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
35270965009	GW-11	EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35270965010	GW-12	EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
35270965011	GW-13	SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	BTN	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
35270965012	GW-14	EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	BTN	48	PASI-O
		SM 2540C	ALD	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8260	BTN	48	PASI-O
		EPA 8260	BTN	48	PASI-O
35270965013	Trip Blank 1 10.17.16	EPA 8260	BTN	48	PASI-O
35270965014	Trip Blank 2 10.17.16	EPA 8260	BTN	48	PASI-O
35271251001	BGW-1	EPA 8011	SMH	2	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35271251002	GW-15	EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ, RVK	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
35271251003	GW-16	EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
35271251004	GW-17	EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
35271251005	GW-18	EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35271251006	GW-19	EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
35271251007	GW-20	SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
35271251008	GW-21	EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
35271251009	GW-22	EPA 6020	JTJ	5	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35271251010	GW-23	EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK1	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35271251011	GW-24	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
35271251012	GW-25	EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
35271251013	GW-26	EPA 7470	RVK	1	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35271251014	GW-27R	EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
35271251015	Field Blank 10/18/2016	EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	JTJ	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
35271251016	GW-17DUP	EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8011	SMH	2	PASI-O
		EPA 6010	CKJ	12	PASI-O
		EPA 6020	DRS	5	PASI-O
		EPA 7470	RVK	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
		EPA 350.1	JAM	1	PASI-O
		EPA 353.2	JWH	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	TDH	1	PASI-O
		EPA 300.0	KEK	1	PASI-O
35271251017	TRIP BLANK 10/18/16	EPA 353.2	JWH	1	PASI-O
		EPA 8260	SK	48	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-3 Lab ID: 35270965001 Collected: 10/17/16 08:09 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.44	Std. Units			1		10/17/16 08:09		
Field Temperature	26.72	deg C			1		10/17/16 08:09		
Appearance	clear				1		10/17/16 08:09		
Field Specific Conductance	547	umhos/cm			1		10/17/16 08:09		
Oxygen, Dissolved	1.45	mg/L			1		10/17/16 08:09	7782-44-7	
Turbidity	1.66	NTU			1		10/17/16 08:09		
Water Level(NGVD)	33.85	feet			1		10/17/16 08:09		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 03:25	96-12-8	
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0097	0.0072	1	10/25/16 14:45	10/26/16 03:25	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	14.3	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:54	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:54	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:54	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:54	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:54	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:54	7440-50-8	
Iron	782	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 01:54	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:54	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:54	7440-22-4	
Sodium	5.5	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:54	7440-23-5	
Vanadium	7.4 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:54	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 01:54	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:04	7440-36-0	
Arsenic	3.2	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:04	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:04	7439-92-1	
Selenium	1.0	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:04	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:04	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/21/16 07:52	10/21/16 13:51	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/25/16 22:04	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/25/16 22:04	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/25/16 22:04	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/25/16 22:04	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-3 **Lab ID: 35270965001** Collected: 10/17/16 08:09 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:04	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/25/16 22:04	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/25/16 22:04	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:04	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:04	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:04	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/25/16 22:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:04	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/25/16 22:04	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/25/16 22:04	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/25/16 22:04	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:04	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/25/16 22:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	89-111		1		10/25/16 22:04	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/25/16 22:04	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/25/16 22:04	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	360	mg/L	5.0	5.0	1		10/20/16 13:41
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-3		Lab ID: 35270965001		Collected: 10/17/16 08:09		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	5.1	mg/L	5.0	2.5	1		10/19/16 14:53	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.37	mg/L	0.050	0.020	1		10/24/16 16:39	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.13	mg/L	0.050	0.025	1		10/18/16 14:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-4 Lab ID: 35270965002 Collected: 10/17/16 08:59 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.43	Std. Units			1		10/17/16 08:59		
Field Temperature	26.65	deg C			1		10/17/16 08:59		
Appearance	clear				1		10/17/16 08:59		
Field Specific Conductance	351	umhos/cm			1		10/17/16 08:59		
Oxygen, Dissolved	0.22	mg/L			1		10/17/16 08:59	7782-44-7	
Turbidity	1.80	NTU			1		10/17/16 08:59		
Water Level(NGVD)	32.96	feet			1		10/17/16 08:59		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 03:40	96-12-8	
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0095	0.0072	1	10/25/16 14:45	10/26/16 03:40	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	10.3	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:58	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:58	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:58	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:58	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:58	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:58	7440-50-8	
Iron	515	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 01:58	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:58	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 01:58	7440-22-4	
Sodium	3.6	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 01:58	7440-23-5	
Vanadium	15.6	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 01:58	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 01:58	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:07	7440-36-0	
Arsenic	1.6	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:07	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:07	7439-92-1	
Selenium	1.4	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:07	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:07	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:15	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/25/16 22:31	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/25/16 22:31	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/25/16 22:31	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/25/16 22:31	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-4 **Lab ID: 35270965002** Collected: 10/17/16 08:59 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:31	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/25/16 22:31	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/25/16 22:31	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:31	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:31	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:31	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/25/16 22:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:31	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/25/16 22:31	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/25/16 22:31	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/25/16 22:31	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:31	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/25/16 22:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		10/25/16 22:31	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/25/16 22:31	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/25/16 22:31	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	202	mg/L	5.0	5.0	1		10/20/16 13:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-4		Lab ID: 35270965002		Collected: 10/17/16 08:59		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	5.1	mg/L	5.0	2.5	1		10/19/16 15:52	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.52	mg/L	0.050	0.020	1		10/24/16 16:41	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.063	mg/L	0.050	0.025	1		10/18/16 14:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-5 Lab ID: 35270965003 Collected: 10/17/16 09:58 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.58	Std. Units			1		10/17/16 09:58		
Field Temperature	27.45	deg C			1		10/17/16 09:58		
Appearance	clear				1		10/17/16 09:58		
Field Specific Conductance	513	umhos/cm			1		10/17/16 09:58		
Oxygen, Dissolved	0.31	mg/L			1		10/17/16 09:58	7782-44-7	
Turbidity	1.65	NTU			1		10/17/16 09:58		
Water Level(NGVD)	32.46	feet			1		10/17/16 09:58		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 03:55	96-12-8	
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0096	0.0072	1	10/25/16 14:45	10/26/16 03:55	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	11.3	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:02	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:02	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:02	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:02	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:02	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:02	7440-50-8	
Iron	1740	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:02	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:02	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:02	7440-22-4	
Sodium	9.0	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:02	7440-23-5	
Vanadium	10.4	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:02	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:02	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:10	7440-36-0	
Arsenic	1.2	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:10	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:10	7439-92-1	
Selenium	1.4	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:10	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:10	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:21	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/25/16 22:59	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/25/16 22:59	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/25/16 22:59	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/25/16 22:59	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-5 **Lab ID: 35270965003** Collected: 10/17/16 09:58 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:59	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/25/16 22:59	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/25/16 22:59	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:59	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 22:59	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 22:59	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/25/16 22:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 22:59	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/25/16 22:59	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/25/16 22:59	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/25/16 22:59	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 22:59	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/25/16 22:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/25/16 22:59	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/25/16 22:59	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/25/16 22:59	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	322	mg/L	5.0	5.0	1		10/20/16 13:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-5		Lab ID: 35270965003		Collected: 10/17/16 09:58		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	10.6	mg/L	5.0	2.5	1		10/19/16 16:50	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.46	mg/L	0.050	0.020	1		10/24/16 16:43	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.044 I	mg/L	0.050	0.025	1		10/18/16 14:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-6 Lab ID: 35270965004 Collected: 10/17/16 10:41 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.99	Std. Units			1		10/17/16 10:41		
Field Temperature	27.48	deg C			1		10/17/16 10:41		
Appearance	clear				1		10/17/16 10:41		
Field Specific Conductance	856	umhos/cm			1		10/17/16 10:41		
Oxygen, Dissolved	0.22	mg/L			1		10/17/16 10:41	7782-44-7	
Turbidity	1.31	NTU			1		10/17/16 10:41		
Water Level(NGVD)	32.03	feet			1		10/17/16 10:41		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0048 U	ug/L	0.020	0.0048	1	10/25/16 14:45	10/26/16 04:10	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0098	0.0073	1	10/25/16 14:45	10/26/16 04:10	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	15.7	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:14	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:14	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:14	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:14	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:14	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:14	7440-50-8	
Iron	392	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:14	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:14	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:14	7440-22-4	
Sodium	3.8	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:14	7440-23-5	
Vanadium	10.4	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:14	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:14	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	1.0	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:14	7440-36-0	
Arsenic	2.5	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:14	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:14	7439-92-1	
Selenium	5.5	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:14	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:14	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:30	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/25/16 23:25	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/25/16 23:25	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/25/16 23:25	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/25/16 23:25	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-6 **Lab ID: 35270965004** Collected: 10/17/16 10:41 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 23:25	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/25/16 23:25	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/25/16 23:25	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 23:25	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 23:25	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 23:25	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/25/16 23:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:25	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/25/16 23:25	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/25/16 23:25	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/25/16 23:25	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:25	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/25/16 23:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		10/25/16 23:25	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	75-135		1		10/25/16 23:25	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/25/16 23:25	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	501	mg/L	5.0	5.0	1		10/20/16 13:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-6		Lab ID: 35270965004		Collected: 10/17/16 10:41		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.6 I	mg/L	5.0	2.5	1		10/19/16 17:09	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.39	mg/L	0.050	0.020	1		10/24/16 16:45	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.030 I	mg/L	0.050	0.025	1		10/18/16 14:46		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-7 Lab ID: 35270965005 Collected: 10/17/16 11:27 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.57	Std. Units			1		10/17/16 11:27		
Field Temperature	27.96	deg C			1		10/17/16 11:27		
Appearance	orange				1		10/17/16 11:27		
Field Specific Conductance	426	umhos/cm			1		10/17/16 11:27		
Oxygen, Dissolved	0.64	mg/L			1		10/17/16 11:27	7782-44-7	
Turbidity	2.13	NTU			1		10/17/16 11:27		
Water Level(NGVD)	31.17	feet			1		10/17/16 11:27		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 04:25	96-12-8	
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0096	0.0072	1	10/25/16 14:45	10/26/16 04:25	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	9.6 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:18	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:18	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:18	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:18	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:18	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:18	7440-50-8	
Iron	538	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:18	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:18	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:18	7440-22-4	
Sodium	7.2	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:18	7440-23-5	
Vanadium	9.7 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:18	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:18	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:17	7440-36-0	
Arsenic	3.7	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:17	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:17	7439-92-1	
Selenium	2.3	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:17	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:17	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:32	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/25/16 23:52	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/25/16 23:52	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/25/16 23:52	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/25/16 23:52	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-7 **Lab ID: 35270965005** Collected: 10/17/16 11:27 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 23:52	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/25/16 23:52	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/25/16 23:52	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 23:52	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/25/16 23:52	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/25/16 23:52	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/25/16 23:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/25/16 23:52	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/25/16 23:52	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/25/16 23:52	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/25/16 23:52	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/25/16 23:52	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/25/16 23:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		10/25/16 23:52	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/25/16 23:52	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/25/16 23:52	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	262	mg/L	5.0	5.0	1	10/20/16 13:43
------------------------	------------	------	-----	-----	---	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-7		Lab ID: 35270965005		Collected: 10/17/16 11:27		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	5.8	mg/L	5.0	2.5	1		10/19/16 17:29	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.47	mg/L	0.050	0.020	1		10/24/16 16:46	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.034 I	mg/L	0.050	0.025	1		10/18/16 14:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-8 Lab ID: 35270965006 Collected: 10/17/16 12:05 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.84	Std. Units			1		10/17/16 12:05		
Field Temperature	28.77	deg C			1		10/17/16 12:05		
Appearance	clear				1		10/17/16 12:05		
Field Specific Conductance	44	umhos/cm			1		10/17/16 12:05		
Oxygen, Dissolved	0.39	mg/L			1		10/17/16 12:05	7782-44-7	
Turbidity	1.94	NTU			1		10/17/16 12:05		
Water Level(NGVD)	30.05	feet			1		10/17/16 12:05		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 04:40	96-12-8	
1,2-Dibromoethane (EDB)	0.0072 U	ug/L	0.0096	0.0072	1	10/25/16 14:45	10/26/16 04:40	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	9.6 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:22	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:22	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:22	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:22	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:22	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:22	7440-50-8	
Iron	47.8	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:22	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:22	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:22	7440-22-4	
Sodium	11.9	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:22	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:22	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:22	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:21	7440-36-0	
Arsenic	3.8	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:21	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:21	7439-92-1	
Selenium	0.69 I	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:21	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:21	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:34	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 00:20	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 00:20	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 00:20	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 00:20	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-8 **Lab ID: 35270965006** Collected: 10/17/16 12:05 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 00:20	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 00:20	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 00:20	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 00:20	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 00:20	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 00:20	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 00:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:20	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 00:20	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 00:20	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 00:20	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:20	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 00:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	89-111		1		10/26/16 00:20	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/26/16 00:20	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/26/16 00:20	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	258	mg/L	5.0	5.0	1		10/20/16 13:43
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-8		Lab ID: 35270965006		Collected: 10/17/16 12:05		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	12.6	mg/L	5.0	2.5	1		10/19/16 17:48	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.61	mg/L	0.050	0.020	1		10/24/16 16:48	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/18/16 14:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-9 Lab ID: 35270965007 Collected: 10/17/16 12:45 Received: 10/17/16 18:30 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.71	Std. Units			1		10/17/16 12:45		
Field Temperature	30.26	deg C			1		10/17/16 12:45		
Appearance	clear				1		10/17/16 12:45		
Field Specific Conductance	567	umhos/cm			1		10/17/16 12:45		
Oxygen, Dissolved	0.35	mg/L			1		10/17/16 12:45	7782-44-7	
Turbidity	1.73	NTU			1		10/17/16 12:45		
Water Level(NGVD)	29.80	feet			1		10/17/16 12:45		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0046 U	ug/L	0.019	0.0046	1	10/25/16 14:45	10/26/16 04:55	96-12-8	
1,2-Dibromoethane (EDB)	0.0071 U	ug/L	0.0095	0.0071	1	10/25/16 14:45	10/26/16 04:55	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	11.5	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:26	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:26	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:26	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:26	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:26	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:26	7440-50-8	
Iron	202	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:26	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:26	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:26	7440-22-4	
Sodium	5.4	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:26	7440-23-5	
Vanadium	8.9 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:26	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:26	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:32	7440-36-0	
Arsenic	4.6	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:32	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:32	7439-92-1	
Selenium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:32	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:32	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:36	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 00:47	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 00:47	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 00:47	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 00:47	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-9 **Lab ID: 35270965007** Collected: 10/17/16 12:45 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 00:47	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 00:47	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 00:47	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 00:47	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 00:47	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 00:47	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 00:47	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 00:47	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 00:47	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 00:47	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 00:47	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 00:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/26/16 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/26/16 00:47	17060-07-0	
Toluene-d8 (S)	97	%	89-112		1		10/26/16 00:47	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	312	mg/L	5.0	5.0	1		10/20/16 13:43
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-9		Lab ID: 35270965007		Collected: 10/17/16 12:45		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	6.8	mg/L	5.0	2.5	1		10/19/16 18:08	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.65	mg/L	0.050	0.020	1		10/24/16 16:54	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/18/16 14:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-10		Lab ID: 35270965008		Collected: 10/17/16 13:35		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.83	Std. Units			1		10/17/16 13:35		
Field Temperature	28.58	deg C			1		10/17/16 13:35		
Appearance	tan				1		10/17/16 13:35		
Field Specific Conductance	649	umhos/cm			1		10/17/16 13:35		
Oxygen, Dissolved	0.44	mg/L			1		10/17/16 13:35	7782-44-7	
Turbidity	5.74	NTU			1		10/17/16 13:35		
Water Level(NGVD)	29.54	feet			1		10/17/16 13:35		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 05:11	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	10/25/16 14:45	10/26/16 05:11	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	17.1	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:30	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:30	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:30	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:30	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:30	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:30	7440-50-8	
Iron	7600	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:30	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:30	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:30	7440-22-4	
Sodium	4.3	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:30	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:30	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:30	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:35	7440-36-0	
Arsenic	12.8	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:35	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:35	7439-92-1	
Selenium	0.74 I	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:35	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:35	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:39	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 01:14	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 01:14	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 01:14	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 01:14	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-10 **Lab ID: 35270965008** Collected: 10/17/16 13:35 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 01:14	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 01:14	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 01:14	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 01:14	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 01:14	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 01:14	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 01:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:14	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 01:14	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 01:14	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 01:14	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:14	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 01:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		10/26/16 01:14	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	75-135		1		10/26/16 01:14	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/26/16 01:14	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	317	mg/L	5.0	5.0	1		10/20/16 13:44
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-10		Lab ID: 35270965008		Collected: 10/17/16 13:35		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	6.2	mg/L	5.0	2.5	1		10/19/16 18:27	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	2.4	mg/L	0.050	0.020	1		10/24/16 16:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/18/16 14:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-11		Lab ID: 35270965009		Collected: 10/17/16 14:21		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.68	Std. Units			1		10/17/16 14:21		
Field Temperature	27.56	deg C			1		10/17/16 14:21		
Appearance	orange				1		10/17/16 14:21		
Field Specific Conductance	434	umhos/cm			1		10/17/16 14:21		
Oxygen, Dissolved	0.18	mg/L			1		10/17/16 14:21	7782-44-7	
Turbidity	1.43	NTU			1		10/17/16 14:21		
Water Level(NGVD)	31.76	feet			1		10/17/16 14:21		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0048 U	ug/L	0.019	0.0048	1	10/25/16 14:45	10/26/16 05:26	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	10/25/16 14:45	10/26/16 05:26	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	10 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:34	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:34	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:34	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:34	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:34	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:34	7440-50-8	
Iron	799	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:34	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:34	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:34	7440-22-4	
Sodium	16.3	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:34	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:34	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:34	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:39	7440-36-0	
Arsenic	2.0	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:39	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:39	7439-92-1	
Selenium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:39	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:39	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:41	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 01:41	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 01:41	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 01:41	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 01:41	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-11 **Lab ID: 35270965009** Collected: 10/17/16 14:21 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 01:41	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 01:41	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 01:41	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 01:41	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 01:41	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 01:41	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 01:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 01:41	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 01:41	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 01:41	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 01:41	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 01:41	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 01:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		10/26/16 01:41	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/26/16 01:41	17060-07-0	
Toluene-d8 (S)	103	%	89-112		1		10/26/16 01:41	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	253	mg/L	5.0	5.0	1		10/20/16 13:46
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-11		Lab ID: 35270965009		Collected: 10/17/16 14:21		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	16.9	mg/L	5.0	2.5	1		10/19/16 18:47	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.24	mg/L	0.050	0.020	1		10/24/16 16:57	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.054	mg/L	0.050	0.025	1		10/18/16 14:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-12		Lab ID: 35270965010		Collected: 10/17/16 14:56		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.68	Std. Units			1		10/17/16 14:56		
Field Temperature	28.49	deg C			1		10/17/16 14:56		
Appearance	clear				1		10/17/16 14:56		
Field Specific Conductance	828	umhos/cm			1		10/17/16 14:56		
Oxygen, Dissolved	0.14	mg/L			1		10/17/16 14:56	7782-44-7	
Turbidity	1.70	NTU			1		10/17/16 14:56		
Water Level(NGVD)	32.44	feet			1		10/17/16 14:56		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0048 U	ug/L	0.019	0.0048	1	10/25/16 14:45	10/26/16 05:41	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	10/25/16 14:45	10/26/16 05:41	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	44.3	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:38	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:38	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:38	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:38	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:38	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:38	7440-50-8	
Iron	79.7	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:38	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:38	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:38	7440-22-4	
Sodium	4.2	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:38	7440-23-5	
Vanadium	30.2	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:38	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:38	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	2.8	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:42	7440-36-0	
Arsenic	1.6	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:42	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:42	7439-92-1	
Selenium	9.8	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:42	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:42	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:43	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 02:08	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 02:08	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 02:08	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 02:08	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-12 **Lab ID: 35270965010** Collected: 10/17/16 14:56 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 02:08	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 02:08	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 02:08	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 02:08	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 02:08	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 02:08	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 02:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 02:08	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 02:08	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 02:08	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 02:08	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 02:08	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 02:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		10/26/16 02:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/26/16 02:08	17060-07-0	
Toluene-d8 (S)	97	%	89-112		1		10/26/16 02:08	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	479	mg/L	5.0	5.0	1		10/20/16 13:46
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-12		Lab ID: 35270965010		Collected: 10/17/16 14:56		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	3.7 I	mg/L	5.0	2.5	1		10/19/16 19:06	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.088	mg/L	0.050	0.020	1		10/24/16 16:59	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	3.2	mg/L	0.050	0.025	1		10/18/16 14:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-13		Lab ID: 35270965011		Collected: 10/17/16 15:26		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.78	Std. Units			1		10/17/16 15:26		
Field Temperature	27.75	deg C			1		10/17/16 15:26		
Appearance	clear				1		10/17/16 15:26		
Field Specific Conductance	1245	umhos/cm			1		10/17/16 15:26		
Oxygen, Dissolved	0.11	mg/L			1		10/17/16 15:26	7782-44-7	
Turbidity	1.57	NTU			1		10/17/16 15:26		
Water Level(NGVD)	34.23	feet			1		10/17/16 15:26		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0047 U	ug/L	0.019	0.0047	1	10/25/16 14:45	10/26/16 06:11	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0097	0.0073	1	10/25/16 14:45	10/26/16 06:11	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	30.5	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:42	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:42	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:42	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:42	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:42	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:42	7440-50-8	
Iron	2190	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:42	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:42	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:42	7440-22-4	
Sodium	17.4	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:42	7440-23-5	
Vanadium	9.2 I	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:42	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:42	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:46	7440-36-0	
Arsenic	4.7	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:46	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:46	7439-92-1	
Selenium	0.64 I	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:46	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:46	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:45	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 09:21	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 09:21	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 09:21	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 09:21	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-13 **Lab ID: 35270965011** Collected: 10/17/16 15:26 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 09:21	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 09:21	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 09:21	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 09:21	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 09:21	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 09:21	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 09:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:21	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 09:21	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 09:21	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 09:21	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:21	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 09:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/26/16 09:21	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/26/16 09:21	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/26/16 09:21	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	1400	mg/L	10.0	10.0	1		10/20/16 13:46
------------------------	-------------	------	------	------	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-13		Lab ID: 35270965011		Collected: 10/17/16 15:26		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	12.4	mg/L	10.0	5.0	2		10/19/16 19:25	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	3.5	mg/L	0.050	0.020	1		10/24/16 17:01	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/18/16 15:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-14		Lab ID: 35270965012		Collected: 10/17/16 16:02		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.80	Std. Units			1		10/17/16 16:02		
Field Temperature	27.08	deg C			1		10/17/16 16:02		
Appearance	clear				1		10/17/16 16:02		
Field Specific Conductance	910	umhos/cm			1		10/17/16 16:02		
Oxygen, Dissolved	0.13	mg/L			1		10/17/16 16:02	7782-44-7	
Turbidity	1.58	NTU			1		10/17/16 16:02		
Water Level(NGVD)	34.28	feet			1		10/17/16 16:02		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0048 U	ug/L	0.020	0.0048	1	10/25/16 14:45	10/26/16 06:27	96-12-8	
1,2-Dibromoethane (EDB)	0.0073 U	ug/L	0.0098	0.0073	1	10/25/16 14:45	10/26/16 06:27	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	35.9	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:46	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:46	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:46	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:46	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:46	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:46	7440-50-8	
Iron	11000	ug/L	40.0	20.0	1	10/21/16 09:29	10/25/16 02:46	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:46	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 09:29	10/25/16 02:46	7440-22-4	
Sodium	7.1	mg/L	1.0	0.50	1	10/21/16 09:29	10/25/16 02:46	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 09:29	10/25/16 02:46	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 09:29	10/25/16 02:46	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:49	7440-36-0	
Arsenic	3.3	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:49	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:49	7439-92-1	
Selenium	0.78 I	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:49	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 09:29	10/27/16 15:49	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/22/16 09:49	10/24/16 16:47	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 09:47	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 09:47	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 09:47	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 09:47	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-14 **Lab ID: 35270965012** Collected: 10/17/16 16:02 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 09:47	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 09:47	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 09:47	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 09:47	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 09:47	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 09:47	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 09:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 09:47	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 09:47	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 09:47	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 09:47	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 09:47	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 09:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/26/16 09:47	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/26/16 09:47	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		10/26/16 09:47	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	544	mg/L	5.0	5.0	1		10/20/16 13:46
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-14		Lab ID: 35270965012		Collected: 10/17/16 16:02		Received: 10/17/16 18:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	6.1	mg/L	5.0	2.5	1		10/19/16 21:02	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.93	mg/L	0.050	0.020	1		10/24/16 17:02	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/18/16 15:05		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: Trip Blank 1 10.17.16 **Lab ID:** 35270965013 **Collected:** 10/17/16 16:02 **Received:** 10/17/16 18:30 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 05:18	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 05:18	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 05:18	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 05:18	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	78-93-3	
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 05:18	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 05:18	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 05:18	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 05:18	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 05:18	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 05:18	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 05:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:18	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 05:18	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 05:18	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 05:18	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:18	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 05:18	1330-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: Trip Blank 1 10.17.16 **Lab ID:** 35270965013 Collected: 10/17/16 16:02 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		10/26/16 05:18	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/26/16 05:18	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/26/16 05:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: Trip Blank 2 10.17.16 **Lab ID:** 35270965014 **Collected:** 10/17/16 16:02 **Received:** 10/17/16 18:30 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	10.0 U	ug/L	20.0	10.0	1		10/26/16 05:45	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/26/16 05:45	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/26/16 05:45	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/26/16 05:45	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	78-93-3	
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 05:45	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/26/16 05:45	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/26/16 05:45	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 05:45	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/26/16 05:45	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/26/16 05:45	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/26/16 05:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/26/16 05:45	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/26/16 05:45	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/26/16 05:45	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/26/16 05:45	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/26/16 05:45	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/26/16 05:45	1330-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: Trip Blank 2 10.17.16 **Lab ID:** 35270965014 Collected: 10/17/16 16:02 Received: 10/17/16 18:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/26/16 05:45	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	75-135		1		10/26/16 05:45	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/26/16 05:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: BGW-1 Lab ID: 35271251001 Collected: 10/18/16 07:24 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.07	Std. Units			1		10/18/16 07:24		
Field Temperature	26.72	deg C			1		10/18/16 07:24		
Appearance	clear				1		10/18/16 07:24		
Field Specific Conductance	470	umhos/cm			1		10/18/16 07:24		
Oxygen, Dissolved	0.44	mg/L			1		10/18/16 07:24	7782-44-7	
Turbidity	2.67	NTU			1		10/18/16 07:24		
Water Level(NGVD)	41.22	feet			1		10/18/16 07:24		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.089 U	ug/L	0.36	0.089	1	10/25/16 15:50	10/26/16 09:43	96-12-8	L3
1,2-Dibromoethane (EDB)	0.14 U	ug/L	0.18	0.14	1	10/25/16 15:50	10/26/16 09:43	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	21.0	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 19:54	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 19:54	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 19:54	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 19:54	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 19:54	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 19:54	7440-50-8	
Iron	2350	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 19:54	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 19:54	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 19:54	7440-22-4	
Sodium	20.1	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 19:54	7440-23-5	
Vanadium	7.8 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 19:54	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 19:54	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:47	7440-36-0	
Arsenic	2.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:47	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:47	7439-92-1	
Selenium	1.3	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:47	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:47	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:12	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 03:11	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 03:11	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 03:11	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 03:11	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: BGW-1 **Lab ID: 35271251001** Collected: 10/18/16 07:24 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 03:11	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 03:11	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 03:11	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 03:11	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 03:11	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 03:11	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 03:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 03:11	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 03:11	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 03:11	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 03:11	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 03:11	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 03:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		10/27/16 03:11	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/27/16 03:11	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/27/16 03:11	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	258	mg/L	5.0	5.0	1		10/21/16 15:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: BGW-1		Lab ID: 35271251001		Collected: 10/18/16 07:24		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	18.2	mg/L	5.0	2.5	1		10/19/16 22:20	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	1.4	mg/L	0.050	0.020	1		10/28/16 18:25	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 13:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-15 Lab ID: 35271251002 Collected: 10/18/16 08:10 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.35	Std. Units			1		10/18/16 08:10		
Field Temperature	25.86	deg C			1		10/18/16 08:10		
Appearance	clear				1		10/18/16 08:10		
Field Specific Conductance	816	umhos/cm			1		10/18/16 08:10		
Oxygen, Dissolved	0.13	mg/L			1		10/18/16 08:10	7782-44-7	
Turbidity	1.84	NTU			1		10/18/16 08:10		
Water Level(NGVD)	35.08	feet			1		10/18/16 08:10		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 09:58	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 09:58	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	65.6	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:07	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:07	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:07	7440-43-9	
Chromium	5.4	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:07	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:07	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:07	7440-50-8	
Iron	22500	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:07	7439-89-6	J(M1)
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:07	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/21/16 23:02	7440-22-4	J(M1)
Sodium	50.8	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:07	7440-23-5	
Vanadium	30.9	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:07	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:07	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:57	7440-36-0	
Arsenic	9.1	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:57	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:57	7439-92-1	
Selenium	0.55 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:57	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:57	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:14	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 04:06	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 04:06	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 04:06	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 04:06	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-15 **Lab ID: 35271251002** Collected: 10/18/16 08:10 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 04:06	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 04:06	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 04:06	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 04:06	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 04:06	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 04:06	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 04:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:06	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 04:06	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 04:06	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 04:06	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:06	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 04:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/27/16 04:06	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	75-135		1		10/27/16 04:06	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/27/16 04:06	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	540	mg/L	5.0	5.0	1		10/21/16 15:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-15 Lab ID: 35271251002 Collected: 10/18/16 08:10 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	84.6	mg/L	5.0	2.5	1		10/19/16 22:39	16887-00-6	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.89	mg/L	0.050	0.020	1		10/28/16 18:27	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres Analytical Method: EPA 353.2									
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 13:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-16 Lab ID: 35271251003 Collected: 10/18/16 08:50 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.71	Std. Units			1		10/18/16 08:50		
Field Temperature	25.86	deg C			1		10/18/16 08:50		
Appearance	orange				1		10/18/16 08:50		
Field Specific Conductance	759	umhos/cm			1		10/18/16 08:50		
Oxygen, Dissolved	0.05	mg/L			1		10/18/16 08:50	7782-44-7	
Turbidity	1.98	NTU			1		10/18/16 08:50		
Water Level(NGVD)	36.18	feet			1		10/18/16 08:50		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 10:14	96-12-8	L3
1,2-Dibromoethane (EDB)	0.14 U	ug/L	0.18	0.14	1	10/25/16 15:50	10/26/16 10:14	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	25.0	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:23	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:23	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:23	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:23	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:23	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:23	7440-50-8	
Iron	227	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:23	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:23	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:23	7440-22-4	
Sodium	95.6	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:23	7440-23-5	
Vanadium	6.6 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:23	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:23	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:59	7440-36-0	
Arsenic	1.7	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:59	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:59	7439-92-1	
Selenium	1.2	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:59	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/27/16 23:59	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:16	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 04:33	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 04:33	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 04:33	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 04:33	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-16 **Lab ID: 35271251003** Collected: 10/18/16 08:50 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 04:33	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 04:33	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 04:33	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 04:33	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 04:33	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 04:33	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 04:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 04:33	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 04:33	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 04:33	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 04:33	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 04:33	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 04:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	89-111		1		10/27/16 04:33	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/27/16 04:33	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/27/16 04:33	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	390	mg/L	5.0	5.0	1		10/21/16 15:42
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-16		Lab ID: 35271251003		Collected: 10/18/16 08:50		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	98.8	mg/L	5.0	2.5	1		10/19/16 22:59	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	1.0	mg/L	0.050	0.020	1		10/28/16 18:29	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 13:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-17 Lab ID: 35271251004 Collected: 10/18/16 09:30 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.44	Std. Units			1		10/18/16 09:30		
Field Temperature	26.94	deg C			1		10/18/16 09:30		
Appearance	orange				1		10/18/16 09:30		
Field Specific Conductance	114	umhos/cm			1		10/18/16 09:30		
Oxygen, Dissolved	0.09	mg/L			1		10/18/16 09:30	7782-44-7	
Turbidity	2.77	NTU			1		10/18/16 09:30		
Water Level(NGVD)	34.11	feet			1		10/18/16 09:30		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.36	0.087	1	10/25/16 15:50	10/26/16 10:29	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 10:29	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:27	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:27	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:27	7440-43-9	
Chromium	5.5	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:27	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:27	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:27	7440-50-8	
Iron	6800	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:27	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:27	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:27	7440-22-4	
Sodium	3.1	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:27	7440-23-5	
Vanadium	27.2	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:27	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:27	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:02	7440-36-0	
Arsenic	1.6	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:02	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:02	7439-92-1	
Selenium	1.5	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:02	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:02	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:18	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 05:01	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 05:01	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 05:01	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 05:01	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-17 **Lab ID: 35271251004** Collected: 10/18/16 09:30 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:01	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 05:01	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 05:01	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:01	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:01	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:01	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 05:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:01	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 05:01	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 05:01	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 05:01	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:01	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 05:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	89-111		1		10/27/16 05:01	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/27/16 05:01	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		10/27/16 05:01	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	102	mg/L	5.0	5.0	1	10/21/16 15:43
------------------------	------------	------	-----	-----	---	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-17		Lab ID: 35271251004		Collected: 10/18/16 09:30		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	4.4 I	mg/L	5.0	2.5	1		10/19/16 23:18	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	1.2	mg/L	0.050	0.020	1		10/28/16 18:34	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 13:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-18 Lab ID: 35271251005 Collected: 10/18/16 10:19 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.37	Std. Units			1		10/18/16 10:19		
Field Temperature	26.60	deg C			1		10/18/16 10:19		
Appearance	clear				1		10/18/16 10:19		
Field Specific Conductance	466	umhos/cm			1		10/18/16 10:19		
Oxygen, Dissolved	0.08	mg/L			1		10/18/16 10:19	7782-44-7	
Turbidity	1.94	NTU			1		10/18/16 10:19		
Water Level(NGVD)	33.08	feet			1		10/18/16 10:19		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.35	0.087	1	10/25/16 15:50	10/26/16 10:44	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 10:44	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	24.6	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:31	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:31	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:31	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:31	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:31	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:31	7440-50-8	
Iron	12700	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:31	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:31	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:31	7440-22-4	
Sodium	7.7	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:31	7440-23-5	
Vanadium	7.4 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:31	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:31	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:04	7440-36-0	
Arsenic	13.2	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:04	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:04	7439-92-1	
Selenium	1.6	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:04	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:04	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:20	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 05:28	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 05:28	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 05:28	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 05:28	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-18 **Lab ID: 35271251005** Collected: 10/18/16 10:19 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:28	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 05:28	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 05:28	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:28	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:28	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:28	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 05:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:28	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 05:28	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 05:28	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 05:28	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:28	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 05:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	89-111		1		10/27/16 05:28	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	75-135		1		10/27/16 05:28	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/27/16 05:28	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	284	mg/L	5.0	5.0	1		10/21/16 15:43
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-18 Lab ID: 35271251005 Collected: 10/18/16 10:19 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	7.4	mg/L	5.0	2.5	1		10/19/16 23:37	16887-00-6	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	2.4	mg/L	0.050	0.020	1		10/28/16 18:36	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-19 Lab ID: 35271251006 Collected: 10/18/16 10:58 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.59	Std. Units			1		10/18/16 10:58		
Field Temperature	27.84	deg C			1		10/18/16 10:58		
Appearance	orange				1		10/18/16 10:58		
Field Specific Conductance	134	umhos/cm			1		10/18/16 10:58		
Oxygen, Dissolved	0.07	mg/L			1		10/18/16 10:58	7782-44-7	
Turbidity	3.09	NTU			1		10/18/16 10:58		
Water Level(NGVD)	32.24	feet			1		10/18/16 10:58		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.073 U	ug/L	0.30	0.073	1	10/25/16 15:50	10/26/16 10:59	96-12-8	L3
1,2-Dibromoethane (EDB)	0.11 U	ug/L	0.15	0.11	1	10/25/16 15:50	10/26/16 10:59	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:35	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:35	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:35	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:35	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:35	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:35	7440-50-8	
Iron	2140	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:35	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:35	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:35	7440-22-4	
Sodium	1.5	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:35	7440-23-5	
Vanadium	7.1 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:35	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:35	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:12	7440-36-0	
Arsenic	7.2	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:12	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:12	7439-92-1	
Selenium	0.82 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:12	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:12	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:23	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 05:55	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 05:55	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 05:55	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 05:55	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-19 **Lab ID: 35271251006** Collected: 10/18/16 10:58 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:55	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 05:55	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 05:55	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	110-57-6	J(M1)
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:55	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 05:55	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 05:55	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 05:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 05:55	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 05:55	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	75-69-4	J(M1)
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 05:55	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 05:55	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 05:55	75-01-4	J(M1)
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 05:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	89-111		1		10/27/16 05:55	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/27/16 05:55	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/27/16 05:55	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	117	mg/L	5.0	5.0	1		10/21/16 15:43
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-19		Lab ID: 35271251006		Collected: 10/18/16 10:58		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5 U	mg/L	5.0	2.5	1		10/19/16 23:57	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.73	mg/L	0.050	0.020	1		10/28/16 18:38	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-20 Lab ID: 35271251007 Collected: 10/18/16 11:37 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.34	Std. Units			1		10/18/16 11:37		
Field Temperature	27.47	deg C			1		10/18/16 11:37		
Appearance	orange				1		10/18/16 11:37		
Field Specific Conductance	450	umhos/cm			1		10/18/16 11:37		
Oxygen, Dissolved	0.12	mg/L			1		10/18/16 11:37	7782-44-7	
Turbidity	2.43	NTU			1		10/18/16 11:37		
Water Level(NGVD)	31.77	feet			1		10/18/16 11:37		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 11:14	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 11:14	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	8.7 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:39	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:39	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:39	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:39	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:39	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:39	7440-50-8	
Iron	612	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:39	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:39	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:39	7440-22-4	
Sodium	5.7	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:39	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:39	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:39	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:14	7440-36-0	
Arsenic	2.8	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:14	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:14	7439-92-1	
Selenium	1.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:14	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:14	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:29	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 06:23	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 06:23	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 06:23	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 06:23	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-20 **Lab ID: 35271251007** Collected: 10/18/16 11:37 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 06:23	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 06:23	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 06:23	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 06:23	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 06:23	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 06:23	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 06:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:23	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 06:23	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 06:23	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 06:23	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:23	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 06:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/27/16 06:23	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	75-135		1		10/27/16 06:23	17060-07-0	
Toluene-d8 (S)	101	%	89-112		1		10/27/16 06:23	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	297	mg/L	5.0	5.0	1		10/21/16 16:28
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-20		Lab ID: 35271251007		Collected: 10/18/16 11:37		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.7 I	mg/L	5.0	2.5	1		10/20/16 00:16	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.32	mg/L	0.050	0.020	1		10/28/16 18:39	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.085	mg/L	0.050	0.025	1		10/19/16 14:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-21		Lab ID: 35271251008		Collected: 10/18/16 12:13		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.03	Std. Units			1		10/18/16 12:13		
Field Temperature	27.46	deg C			1		10/18/16 12:13		
Appearance	orange				1		10/18/16 12:13		
Field Specific Conductance	330	umhos/cm			1		10/18/16 12:13		
Oxygen, Dissolved	0.12	mg/L			1		10/18/16 12:13	7782-44-7	
Turbidity	2.83	NTU			1		10/18/16 12:13		
Water Level(NGVD)	29.42	feet			1		10/18/16 12:13		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.086 U	ug/L	0.35	0.086	1	10/25/16 15:50	10/26/16 11:44	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 11:44	106-93-4	L3
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	13.9	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:43	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:43	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:43	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:43	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:43	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:43	7440-50-8	
Iron	1960	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 20:43	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:43	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 20:43	7440-22-4	
Sodium	9.3	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 20:43	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 20:43	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 20:43	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:16	7440-36-0	
Arsenic	2.7	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:16	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:16	7439-92-1	
Selenium	0.78 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:16	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:16	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:31	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 06:50	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 06:50	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 06:50	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 06:50	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-21 **Lab ID: 35271251008** Collected: 10/18/16 12:13 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 06:50	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 06:50	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 06:50	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 06:50	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 06:50	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 06:50	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 06:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 06:50	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 06:50	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 06:50	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 06:50	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 06:50	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 06:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	89-111		1		10/27/16 06:50	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/27/16 06:50	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/27/16 06:50	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	259	mg/L	5.0	5.0	1		10/21/16 16:29
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-21		Lab ID: 35271251008		Collected: 10/18/16 12:13		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	9.6	mg/L	5.0	2.5	1		10/20/16 00:35	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.30	mg/L	0.050	0.020	1		10/28/16 18:41	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-22		Lab ID: 35271251009		Collected: 10/18/16 12:49		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.82	Std. Units			1		10/18/16 12:49		
Field Temperature	26.83	deg C			1		10/18/16 12:49		
Appearance	orange				1		10/18/16 12:49		
Field Specific Conductance	520	umhos/cm			1		10/18/16 12:49		
Oxygen, Dissolved	0.08	mg/L			1		10/18/16 12:49	7782-44-7	
Turbidity	3.03	NTU			1		10/18/16 12:49		
Water Level(NGVD)	28.83	feet			1		10/18/16 12:49		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 12:00	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 12:00	106-93-4	L3
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	20.1	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:04	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:04	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:04	7440-43-9	
Chromium	2.7 I	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:04	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:04	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:04	7440-50-8	
Iron	6590	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:04	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:04	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:04	7440-22-4	
Sodium	31.1	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:04	7440-23-5	
Vanadium	8.5 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:04	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:04	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:19	7440-36-0	
Arsenic	2.7	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:19	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:19	7439-92-1	
Selenium	1.2	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:19	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:19	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:33	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 07:18	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 07:18	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 07:18	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 07:18	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-22 **Lab ID: 35271251009** Collected: 10/18/16 12:49 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 07:18	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 07:18	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 07:18	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 07:18	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 07:18	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 07:18	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 07:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:18	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 07:18	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 07:18	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 07:18	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:18	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 07:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/27/16 07:18	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/27/16 07:18	17060-07-0	
Toluene-d8 (S)	99	%	89-112		1		10/27/16 07:18	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	332	mg/L	5.0	5.0	1		10/21/16 16:29
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-22		Lab ID: 35271251009		Collected: 10/18/16 12:49		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	65.2	mg/L	5.0	2.5	1		10/20/16 01:33	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	4.1	mg/L	0.050	0.020	1		10/28/16 18:43	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.060	mg/L	0.050	0.025	1		10/19/16 14:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-23 Lab ID: 35271251010 Collected: 10/18/16 13:34 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.50	Std. Units			1		10/18/16 13:34		
Field Temperature	28.09	deg C			1		10/18/16 13:34		
Appearance	clear				1		10/18/16 13:34		
Field Specific Conductance	273	umhos/cm			1		10/18/16 13:34		
Oxygen, Dissolved	0.07	mg/L			1		10/18/16 13:34	7782-44-7	
Turbidity	2.39	NTU			1		10/18/16 13:34		
Water Level(NGVD)	32.34	feet			1		10/18/16 13:34		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 12:15	96-12-8	L3
1,2-Dibromoethane (EDB)	0.14 U	ug/L	0.18	0.14	1	10/25/16 15:50	10/26/16 12:15	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	9.8 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:08	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:08	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:08	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:08	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:08	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:08	7440-50-8	
Iron	1500	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:08	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:08	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:08	7440-22-4	
Sodium	3.9	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:08	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:08	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:08	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:21	7440-36-0	
Arsenic	7.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:21	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:21	7439-92-1	
Selenium	0.66 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:21	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:21	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:36	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/27/16 07:46	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/27/16 07:46	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/27/16 07:46	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/27/16 07:46	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-23 **Lab ID: 35271251010** Collected: 10/18/16 13:34 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 07:46	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/27/16 07:46	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/27/16 07:46	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 07:46	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/27/16 07:46	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/27/16 07:46	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/27/16 07:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/27/16 07:46	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/27/16 07:46	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/27/16 07:46	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/27/16 07:46	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/27/16 07:46	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/27/16 07:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	89-111		1		10/27/16 07:46	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/27/16 07:46	17060-07-0	
Toluene-d8 (S)	100	%	89-112		1		10/27/16 07:46	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	187	mg/L	5.0	5.0	1		10/21/16 16:30
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-23		Lab ID: 35271251010		Collected: 10/18/16 13:34		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	9.1	mg/L	5.0	2.5	1		10/20/16 02:32	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.51	mg/L	0.050	0.020	1		10/28/16 18:45	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:05		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-24 Lab ID: 35271251011 Collected: 10/18/16 14:15 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.30	Std. Units			1		10/18/16 14:15		
Field Temperature	28.21	deg C			1		10/18/16 14:15		
Appearance	orange				1		10/18/16 14:15		
Field Specific Conductance	356	umhos/cm			1		10/18/16 14:15		
Oxygen, Dissolved	0.08	mg/L			1		10/18/16 14:15	7782-44-7	
Turbidity	4.25	NTU			1		10/18/16 14:15		
Water Level(NGVD)	32.17	feet			1		10/18/16 14:15		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.36	0.087	1	10/25/16 15:50	10/26/16 12:30	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 12:30	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	16.6	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:12	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:12	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:12	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:12	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:12	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:12	7440-50-8	
Iron	3480	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:12	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:12	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:12	7440-22-4	
Sodium	6.7	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:12	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:12	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:12	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:24	7440-36-0	
Arsenic	2.5	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:24	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:24	7439-92-1	
Selenium	1.1	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:24	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:24	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:38	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 05:52	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 05:52	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 05:52	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 05:52	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-24 **Lab ID: 35271251011** Collected: 10/18/16 14:15 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 05:52	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 05:52	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 05:52	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 05:52	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 05:52	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 05:52	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 05:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 05:52	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 05:52	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 05:52	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 05:52	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 05:52	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 05:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/28/16 05:52	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	75-135		1		10/28/16 05:52	17060-07-0	
Toluene-d8 (S)	97	%	89-112		1		10/28/16 05:52	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	256	mg/L	5.0	5.0	1	10/21/16 16:31
------------------------	------------	------	-----	-----	---	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-24		Lab ID: 35271251011		Collected: 10/18/16 14:15		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	12.3	mg/L	5.0	2.5	1		10/20/16 02:51	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	1.5	mg/L	0.050	0.020	1		10/28/16 18:47	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-25 Lab ID: 35271251012 Collected: 10/18/16 14:59 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.28	Std. Units			1		10/18/16 14:59		
Field Temperature	28.19	deg C			1		10/18/16 14:59		
Appearance	orange				1		10/18/16 14:59		
Field Specific Conductance	377	umhos/cm			1		10/18/16 14:59		
Oxygen, Dissolved	0.11	mg/L			1		10/18/16 14:59	7782-44-7	
Turbidity	2.29	NTU			1		10/18/16 14:59		
Water Level(NGVD)	32.47	feet			1		10/18/16 14:59		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.35	0.087	1	10/25/16 15:50	10/26/16 12:45	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 12:45	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	19.7	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:16	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:16	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:16	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:16	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:16	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:16	7440-50-8	
Iron	1150	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:16	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:16	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:16	7440-22-4	
Sodium	8.0	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:16	7440-23-5	
Vanadium	5.2 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:16	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:16	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:26	7440-36-0	
Arsenic	1.5	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:26	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:26	7439-92-1	
Selenium	0.82 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:26	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:26	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:40	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 06:47	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 06:47	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 06:47	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 06:47	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-25 **Lab ID: 35271251012** Collected: 10/18/16 14:59 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 06:47	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 06:47	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 06:47	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 06:47	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 06:47	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 06:47	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 06:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 06:47	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 06:47	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 06:47	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 06:47	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 06:47	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 06:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	89-111		1		10/28/16 06:47	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	75-135		1		10/28/16 06:47	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/28/16 06:47	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	248	mg/L	5.0	5.0	1		10/21/16 16:31
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-25		Lab ID: 35271251012		Collected: 10/18/16 14:59		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	16.2	mg/L	5.0	2.5	1		10/20/16 03:10	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.49	mg/L	0.050	0.020	1		10/28/16 18:48	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.088	mg/L	0.050	0.025	1		10/19/16 14:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-26 Lab ID: 35271251013 Collected: 10/18/16 15:39 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.12	Std. Units			1		10/18/16 15:39		
Field Temperature	27.43	deg C			1		10/18/16 15:39		
Appearance	clear				1		10/18/16 15:39		
Field Specific Conductance	616	umhos/cm			1		10/18/16 15:39		
Oxygen, Dissolved	0.08	mg/L			1		10/18/16 15:39	7782-44-7	
Turbidity	1.65	NTU			1		10/18/16 15:39		
Water Level(NGVD)	33.06	feet			1		10/18/16 15:39		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.35	0.087	1	10/25/16 15:50	10/26/16 13:00	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 13:00	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	20.4	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:20	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:20	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:20	7440-43-9	
Chromium	2.7 I	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:20	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:20	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:20	7440-50-8	
Iron	2460	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:20	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:20	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:20	7440-22-4	
Sodium	18.5	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:20	7440-23-5	
Vanadium	8.8 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:20	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:20	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:28	7440-36-0	
Arsenic	2.4	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:28	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:28	7439-92-1	
Selenium	2.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:28	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:28	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:42	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 07:14	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 07:14	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 07:14	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 07:14	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-26 **Lab ID: 35271251013** Collected: 10/18/16 15:39 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 07:14	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 07:14	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 07:14	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 07:14	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 07:14	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 07:14	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 07:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:14	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 07:14	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 07:14	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 07:14	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:14	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 07:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	89-111		1		10/28/16 07:14	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	75-135		1		10/28/16 07:14	17060-07-0	
Toluene-d8 (S)	96	%	89-112		1		10/28/16 07:14	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	425	mg/L	5.0	5.0	1		10/21/16 16:32
------------------------	------------	------	-----	-----	---	--	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-26		Lab ID: 35271251013		Collected: 10/18/16 15:39		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	18.3	mg/L	5.0	2.5	1		10/20/16 03:30	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	2.8	mg/L	0.050	0.020	1		10/28/16 18:50	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-27R Lab ID: 35271251014 Collected: 10/18/16 16:25 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.58	Std. Units			1		10/18/16 16:25		
Field Temperature	27.73	deg C			1		10/18/16 16:25		
Appearance	clear				1		10/18/16 16:25		
Field Specific Conductance	532	umhos/cm			1		10/18/16 16:25		
Oxygen, Dissolved	0.09	mg/L			1		10/18/16 16:25	7782-44-7	
Turbidity	1.84	NTU			1		10/18/16 16:25		
Water Level(NGVD)	33.18	feet			1		10/18/16 16:25		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 13:16	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 13:16	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	15.3	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:24	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:24	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:24	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:24	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:24	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:24	7440-50-8	
Iron	2350	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:24	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:24	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:24	7440-22-4	
Sodium	8.4	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:24	7440-23-5	
Vanadium	6.1 I	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:24	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:24	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:31	7440-36-0	
Arsenic	5.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:31	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:31	7439-92-1	
Selenium	0.60 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:31	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:31	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:44	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 07:42	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 07:42	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 07:42	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 07:42	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-27R **Lab ID:** 35271251014 **Collected:** 10/18/16 16:25 **Received:** 10/19/16 00:10 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 07:42	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 07:42	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 07:42	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 07:42	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 07:42	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 07:42	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 07:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 07:42	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 07:42	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 07:42	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 07:42	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 07:42	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 07:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	89-111		1		10/28/16 07:42	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	75-135		1		10/28/16 07:42	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/28/16 07:42	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	328	mg/L	5.0	5.0	1	10/21/16 16:32
------------------------	-----	------	-----	-----	---	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-27R		Lab ID: 35271251014		Collected: 10/18/16 16:25		Received: 10/19/16 00:10		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	9.5	mg/L	5.0	2.5	1		10/20/16 03:49	16887-00-6	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.80	mg/L	0.050	0.020	1		10/28/16 18:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: Field Blank 10/18/2016 **Lab ID:** 35271251015 **Collected:** 10/18/16 16:00 **Received:** 10/19/16 00:10 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.088 U	ug/L	0.36	0.088	1	10/25/16 15:50	10/26/16 13:31	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 13:31	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	39.7	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:28	7440-39-3	
Beryllium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:28	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:28	7440-43-9	
Chromium	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:28	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:28	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:28	7440-50-8	
Iron	20.0 U	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:28	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:28	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:28	7440-22-4	
Sodium	0.50 U	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:28	7440-23-5	
Vanadium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:28	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:28	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:33	7440-36-0	
Arsenic	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:33	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:33	7439-92-1	
Selenium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:33	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 00:33	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	10/25/16 06:34	10/25/16 16:46	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	12.3 I	ug/L	20.0	10.0	1		10/28/16 03:34	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 03:34	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 03:34	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 03:34	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	78-93-3	
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 03:34	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 03:34	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 03:34	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: Field Blank 10/18/2016 **Lab ID:** 35271251015 Collected: 10/18/16 16:00 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 03:34	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 03:34	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 03:34	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 03:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 03:34	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 03:34	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 03:34	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 03:34	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 03:34	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 03:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/28/16 03:34	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/28/16 03:34	17060-07-0	
Toluene-d8 (S)	97	%	89-112		1		10/28/16 03:34	2037-26-5	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	18.0	mg/L	5.0	5.0	1		10/21/16 16:33		
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	2.5 U	mg/L	5.0	2.5	1		10/20/16 04:08	16887-00-6	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.020 U	mg/L	0.050	0.020	1		10/28/16 18:57	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres Analytical Method: EPA 353.2									
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:16		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-17DUP Lab ID: 35271251016 Collected: 10/18/16 09:30 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.44	Std. Units			1		10/18/16 09:30		
Field Temperature	26.94	deg C			1		10/18/16 09:30		
Appearance	orange				1		10/18/16 09:30		
Field Specific Conductance	114	umhos/cm			1		10/18/16 09:30		
Oxygen, Dissolved	0.09	mg/L			1		10/18/16 09:30	7782-44-7	
Turbidity	2.77	NTU			1		10/18/16 09:30		
Water Level(NGVD)	34.11	feet			1		10/18/16 09:30		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.087 U	ug/L	0.36	0.087	1	10/25/16 15:50	10/26/16 13:46	96-12-8	L3
1,2-Dibromoethane (EDB)	0.13 U	ug/L	0.18	0.13	1	10/25/16 15:50	10/26/16 13:46	106-93-4	L3
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Barium	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:32	7440-39-3	
Beryllium	0.57 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:32	7440-41-7	
Cadmium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:32	7440-43-9	
Chromium	5.3	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:32	7440-47-3	
Cobalt	5.0 U	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:32	7440-48-4	
Copper	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:32	7440-50-8	
Iron	6260	ug/L	40.0	20.0	1	10/21/16 03:48	10/24/16 21:32	7439-89-6	
Nickel	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:32	7440-02-0	
Silver	2.5 U	ug/L	5.0	2.5	1	10/21/16 03:48	10/24/16 21:32	7440-22-4	
Sodium	2.8	mg/L	1.0	0.50	1	10/21/16 03:48	10/24/16 21:32	7440-23-5	
Vanadium	24.0	ug/L	10.0	5.0	1	10/21/16 03:48	10/24/16 21:32	7440-62-2	
Zinc	10.0 U	ug/L	20.0	10.0	1	10/21/16 03:48	10/24/16 21:32	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 16:00	7440-36-0	
Arsenic	1.0	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 16:00	7440-38-2	
Lead	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 16:00	7439-92-1	
Selenium	0.84 I	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 16:00	7782-49-2	
Thallium	0.50 U	ug/L	1.0	0.50	1	10/21/16 03:48	10/28/16 16:00	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10 U	ug/L	0.20	0.10	1	11/02/16 07:56	11/02/16 13:23	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 08:10	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 08:10	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 08:10	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 08:10	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	78-93-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill
Pace Project No.: 35270965

Sample: GW-17DUP **Lab ID: 35271251016** Collected: 10/18/16 09:30 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 08:10	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 08:10	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 08:10	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 08:10	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 08:10	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 08:10	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 08:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 08:10	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 08:10	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 08:10	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 08:10	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 08:10	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 08:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/28/16 08:10	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	75-135		1		10/28/16 08:10	17060-07-0	
Toluene-d8 (S)	97	%	89-112		1		10/28/16 08:10	2037-26-5	

2540C Total Dissolved Solids Analytical Method: SM 2540C

Total Dissolved Solids	130	mg/L	5.0	5.0	1	10/21/16 16:34
------------------------	------------	------	-----	-----	---	----------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: GW-17DUP Lab ID: 35271251016 Collected: 10/18/16 09:30 Received: 10/19/16 00:10 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	4.4 I	mg/L	5.0	2.5	1		10/20/16 04:28	16887-00-6	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	1.2	mg/L	0.050	0.020	1		10/28/16 18:59	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres Analytical Method: EPA 353.2									
Nitrogen, Nitrate	0.025 U	mg/L	0.050	0.025	1		10/19/16 14:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: TRIP BLANK 10/18/16 Lab ID: 35271251017 Collected: 10/18/16 00:01 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	10.0 U	ug/L	20.0	10.0	1		10/28/16 04:02	67-64-1	
Acrylonitrile	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	107-13-1	
Benzene	0.10 U	ug/L	1.0	0.10	1		10/28/16 04:02	71-43-2	
Bromochloromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	74-97-5	
Bromodichloromethane	0.27 U	ug/L	0.60	0.27	1		10/28/16 04:02	75-27-4	
Bromoform	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	75-25-2	
Bromomethane	0.50 U	ug/L	5.0	0.50	1		10/28/16 04:02	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	78-93-3	
Carbon disulfide	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	75-15-0	
Carbon tetrachloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	56-23-5	
Chlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	108-90-7	
Chloroethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 04:02	75-00-3	
Chloroform	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	67-66-3	
Chloromethane	0.62 U	ug/L	1.0	0.62	1		10/28/16 04:02	74-87-3	
Dibromochloromethane	0.26 U	ug/L	0.50	0.26	1		10/28/16 04:02	124-48-1	
Dibromomethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	74-95-3	
1,2-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	95-50-1	
1,4-Dichlorobenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	110-57-6	
1,1-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	75-34-3	
1,2-Dichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	107-06-2	
1,1-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	75-35-4	
cis-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	156-59-2	
trans-1,2-Dichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	156-60-5	
1,2-Dichloropropane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	78-87-5	
cis-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 04:02	10061-01-5	
trans-1,3-Dichloropropene	0.25 U	ug/L	0.50	0.25	1		10/28/16 04:02	10061-02-6	
Ethylbenzene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	100-41-4	
2-Hexanone	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	591-78-6	
Iodomethane	0.50 U	ug/L	10.0	0.50	1		10/28/16 04:02	74-88-4	
Methylene Chloride	2.5 U	ug/L	5.0	2.5	1		10/28/16 04:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	10.0	5.0	1		10/28/16 04:02	108-10-1	
Styrene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12 U	ug/L	0.50	0.12	1		10/28/16 04:02	79-34-5	
Tetrachloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	127-18-4	
Toluene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	108-88-3	
1,1,1-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	71-55-6	
1,1,2-Trichloroethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	79-00-5	
Trichloroethene	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	79-01-6	
Trichlorofluoromethane	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	75-69-4	
1,2,3-Trichloropropane	0.59 U	ug/L	1.0	0.59	1		10/28/16 04:02	96-18-4	
Vinyl acetate	1.0 U	ug/L	2.0	1.0	1		10/28/16 04:02	108-05-4	
Vinyl chloride	0.50 U	ug/L	1.0	0.50	1		10/28/16 04:02	75-01-4	
Xylene (Total)	1.5 U	ug/L	3.0	1.5	1		10/28/16 04:02	1330-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Lena Road Landfill

Pace Project No.: 35270965

Sample: TRIP BLANK 10/18/16 **Lab ID:** 35271251017 Collected: 10/18/16 00:01 Received: 10/19/16 00:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Surrogates									
4-Bromofluorobenzene (S)	99	%	89-111		1		10/28/16 04:02	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	75-135		1		10/28/16 04:02	17060-07-0	
Toluene-d8 (S)	98	%	89-112		1		10/28/16 04:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 327366

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury

Associated Lab Samples: 35270965001

METHOD BLANK: 1747535

Matrix: Water

Associated Lab Samples: 35270965001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.10 U	0.20	0.10	10/21/16 12:51	

LABORATORY CONTROL SAMPLE: 1747536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747537 1747538

Parameter	Units	35271178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	2	2	1.9	2.0	94	100	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327562	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury
Associated Lab Samples:	35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

METHOD BLANK:	1748945	Matrix:	Water
Associated Lab Samples:	35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.10 U	0.20	0.10	10/24/16 16:11	

LABORATORY CONTROL SAMPLE: 1748946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1748947 1748948

Parameter	Units	35270965002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10 U	2	2	2.1	2.0	107	100	75-125	7	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327904	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015		

METHOD BLANK: 1750715 Matrix: Water

Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.10 U	0.20	0.10	10/25/16 15:50	

LABORATORY CONTROL SAMPLE: 1750716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1750717 1750718

Parameter	Units	35271720006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	2	2	1.9	2.0	94	100	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 329528

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury

Associated Lab Samples: 35271251016

METHOD BLANK: 1760467

Matrix: Water

Associated Lab Samples: 35271251016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.10 U	0.20	0.10	11/02/16 13:19	

LABORATORY CONTROL SAMPLE: 1760468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1760469 1760470

Parameter	Units	35271251016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10 U	2	2	1.8	2.0	90	102	75-125	12	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327328	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK: 1747249 Matrix: Water

Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	5.0 U	10.0	5.0	10/24/16 19:46	
Beryllium	ug/L	0.50 U	1.0	0.50	10/24/16 19:46	
Cadmium	ug/L	0.50 U	1.0	0.50	10/24/16 19:46	
Chromium	ug/L	2.5 U	5.0	2.5	10/24/16 19:46	
Cobalt	ug/L	5.0 U	10.0	5.0	10/24/16 19:46	
Copper	ug/L	2.5 U	5.0	2.5	10/24/16 19:46	
Iron	ug/L	20.0 U	40.0	20.0	10/24/16 19:46	
Nickel	ug/L	2.5 U	5.0	2.5	10/24/16 19:46	
Silver	ug/L	2.5 U	5.0	2.5	10/24/16 19:46	
Sodium	mg/L	0.50 U	1.0	0.50	10/24/16 19:46	
Vanadium	ug/L	5.0 U	10.0	5.0	10/24/16 19:46	
Zinc	ug/L	10.0 U	20.0	10.0	10/24/16 19:46	

LABORATORY CONTROL SAMPLE: 1747250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	250	250	100	80-120	
Beryllium	ug/L	25	24.9	100	80-120	
Cadmium	ug/L	25	26.6	106	80-120	
Chromium	ug/L	250	246	99	80-120	
Cobalt	ug/L	250	256	102	80-120	
Copper	ug/L	250	249	100	80-120	
Iron	ug/L	2500	2600	104	80-120	
Nickel	ug/L	250	269	108	80-120	
Silver	ug/L	25	24.4	98	80-120	
Sodium	mg/L	12.5	13.1	105	80-120	
Vanadium	ug/L	250	243	97	80-120	
Zinc	ug/L	1250	1220	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747251 1747252

Parameter	Units	35271251002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	65.6	250	250	320	310	102	98	75-125	3	20	
Beryllium	ug/L	0.50 U	25	25	25.3	24.7	100	97	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747251 1747252												
Parameter	Units	35271251002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Spike Conc.						RPD	RPD	
Cadmium	ug/L	0.50 U	25	25	25.4	25.0	102	100	75-125	2	20	
Chromium	ug/L	5.4	250	250	256	250	100	98	75-125	2	20	
Cobalt	ug/L	5.0 U	250	250	260	255	104	102	75-125	2	20	
Copper	ug/L	2.5 U	250	250	264	252	106	101	75-125	5	20	
Iron	ug/L	22500	2500	2500	25500	24200	119	66	75-125	5	20	J(M1)
Nickel	ug/L	2.5 U	250	250	269	265	108	106	75-125	1	20	
Silver	ug/L	2.5 U	25	25	17.6	17.0	69	67	75-125	3	20	J(M1)
Sodium	mg/L	50.8	12.5	12.5	65.4	62.3	117	92	75-125	5	20	
Vanadium	ug/L	30.9	250	250	283	273	101	97	75-125	4	20	
Zinc	ug/L	10.0 U	1250	1250	1240	1230	100	98	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill
Pace Project No.: 35270965

QC Batch: 327340 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012

METHOD BLANK: 1747381 Matrix: Water
Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	5.0 U	10.0	5.0	10/25/16 01:10	CU
Beryllium	ug/L	0.50 U	1.0	0.50	10/25/16 01:10	
Cadmium	ug/L	0.50 U	1.0	0.50	10/25/16 01:10	
Chromium	ug/L	2.5 U	5.0	2.5	10/25/16 01:10	
Cobalt	ug/L	5.0 U	10.0	5.0	10/25/16 01:10	
Copper	ug/L	2.5 U	5.0	2.5	10/25/16 01:10	
Iron	ug/L	20.0 U	40.0	20.0	10/25/16 01:10	
Nickel	ug/L	2.5 U	5.0	2.5	10/25/16 01:10	
Silver	ug/L	2.5 U	5.0	2.5	10/25/16 01:10	
Sodium	mg/L	0.50 U	1.0	0.50	10/25/16 01:10	CU
Vanadium	ug/L	5.0 U	10.0	5.0	10/25/16 01:10	
Zinc	ug/L	10.0 U	20.0	10.0	10/25/16 01:10	

LABORATORY CONTROL SAMPLE: 1747382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	250	252	101	80-120	
Beryllium	ug/L	25	23.7	95	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	237	95	80-120	
Cobalt	ug/L	250	254	102	80-120	
Copper	ug/L	250	235	94	80-120	
Iron	ug/L	2500	2680	107	80-120	
Nickel	ug/L	250	272	109	80-120	
Silver	ug/L	25	21.7	87	80-120	
Sodium	mg/L	12.5	12.2	98	80-120	
Vanadium	ug/L	250	231	92	80-120	
Zinc	ug/L	1250	1260	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747383 1747384

Parameter	Units	35270934001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	25.6	250	250	293	292	107	107	75-125	0	20	
Beryllium	ug/L	<0.50	25	25	26.0	25.4	104	102	75-125	2	20	
Cadmium	ug/L	<0.50	25	25	25.0	24.9	99	99	75-125	0	20	
Chromium	ug/L	<2.5	250	250	258	260	102	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747383 1747384											
Parameter	Units	35270934001		MS	MSD	MS		MSD	% Rec		Max
		Result		Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	RPD
Cobalt	ug/L	<5.0		250	250	251	252	100	101	75-125	0
Copper	ug/L	<2.5		250	250	252	250	100	99	75-125	1
Iron	ug/L	26.7	1	2500	2500	2530	2510	100	99	75-125	1
Nickel	ug/L	<2.5		250	250	251	253	100	101	75-125	1
Silver	ug/L	<2.5		25	25	24.5	24.8	98	99	75-125	1
Sodium	mg/L	4.9		12.5	12.5	18.8	18.5	111	109	75-125	2
Vanadium	ug/L	11.4		250	250	267	267	102	102	75-125	0
Zinc	ug/L	<10.0		1250	1250	1220	1210	97	97	75-125	0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 327327 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016

METHOD BLANK: 1747245

Matrix: Water

Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	0.50 U	1.0	0.50	10/27/16 23:43	
Arsenic	ug/L	0.50 U	1.0	0.50	10/27/16 23:43	
Lead	ug/L	0.50 U	1.0	0.50	10/27/16 23:43	
Selenium	ug/L	0.50 U	1.0	0.50	10/27/16 23:43	
Thallium	ug/L	0.50 U	1.0	0.50	10/27/16 23:43	

LABORATORY CONTROL SAMPLE: 1747246

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.7	97	80-120	
Arsenic	ug/L	50	48.5	97	80-120	
Lead	ug/L	50	47.1	94	80-120	
Selenium	ug/L	50	49.6	99	80-120	
Thallium	ug/L	50	47.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747247 1747248

Parameter	Units	35271251001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50 U	50	50	48.8	44.6	97	89	75-125	9	20	
Arsenic	ug/L	2.0	50	50	50.1	46.5	96	89	75-125	7	20	
Lead	ug/L	0.50 U	50	50	49.6	45.8	99	91	75-125	8	20	
Selenium	ug/L	1.3	50	50	47.3	43.1	92	84	75-125	9	20	
Thallium	ug/L	0.50 U	50	50	51.2	47.3	102	94	75-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill
Pace Project No.: 35270965

QC Batch: 327341 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012

METHOD BLANK: 1747385 Matrix: Water
Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	0.50 U	1.0	0.50	10/27/16 14:25	
Arsenic	ug/L	0.50 U	1.0	0.50	10/27/16 14:25	
Lead	ug/L	0.50 U	1.0	0.50	10/27/16 14:25	
Selenium	ug/L	0.50 U	1.0	0.50	10/27/16 14:25	
Thallium	ug/L	0.50 U	1.0	0.50	10/27/16 14:25	

LABORATORY CONTROL SAMPLE: 1747386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.3	99	80-120	
Arsenic	ug/L	50	53.0	106	80-120	
Lead	ug/L	50	50.4	101	80-120	
Selenium	ug/L	50	53.9	108	80-120	
Thallium	ug/L	50	50.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1747387 1747388

Parameter	Units	35270934002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.50	50	50	49.3	49.0	99	98	75-125	1	20	
Arsenic	ug/L	<0.50	50	50	50.9	52.5	101	104	75-125	3	20	
Lead	ug/L	<0.50	50	50	52.7	53.2	105	106	75-125	1	20	
Selenium	ug/L	<0.50	50	50	16.2	15.3	32	31	75-125	5	20	J(M1)
Thallium	ug/L	<0.50	50	50	53.9	54.5	108	109	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	328073	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010		

METHOD BLANK: 1751410

Matrix: Water

Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	10/25/16 16:55	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,2,3-Trichloropropane	ug/L	0.59 U	1.0	0.59	10/25/16 16:55	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
2-Butanone (MEK)	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	
2-Hexanone	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	
Acetone	ug/L	10.0 U	20.0	10.0	10/25/16 16:55	
Acrylonitrile	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	
Benzene	ug/L	0.10 U	1.0	0.10	10/25/16 16:55	
Bromochloromethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	10/25/16 16:55	
Bromoform	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Bromomethane	ug/L	0.50 U	5.0	0.50	10/25/16 16:55	
Carbon disulfide	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	
Carbon tetrachloride	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Chloroethane	ug/L	0.50 U	10.0	0.50	10/25/16 16:55	
Chloroform	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Chloromethane	ug/L	0.62 U	1.0	0.62	10/25/16 16:55	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/25/16 16:55	
Dibromochloromethane	ug/L	0.26 U	0.50	0.26	10/25/16 16:55	
Dibromomethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Ethylbenzene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Iodomethane	ug/L	0.50 U	10.0	0.50	10/25/16 16:55	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	10/25/16 16:55	
Styrene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Toluene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/25/16 16:55	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	10.0	5.0	10/25/16 16:55	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

METHOD BLANK: 1751410

Matrix: Water

Associated Lab Samples: 35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Vinyl acetate	ug/L	1.0 U	2.0	1.0	10/25/16 16:55	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	10/25/16 16:55	
Xylene (Total)	ug/L	1.5 U	3.0	1.5	10/25/16 16:55	
1,2-Dichloroethane-d4 (S)	%	107	75-135		10/25/16 16:55	
4-Bromofluorobenzene (S)	%	95	89-111		10/25/16 16:55	
Toluene-d8 (S)	%	98	89-112		10/25/16 16:55	

LABORATORY CONTROL SAMPLE: 1751411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.4	92	70-130	
1,1,1-Trichloroethane	ug/L	20	18.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.1	101	70-130	
1,1,2-Trichloroethane	ug/L	20	18.3	91	70-130	
1,1-Dichloroethane	ug/L	20	19.6	98	70-130	
1,1-Dichloroethene	ug/L	20	21.0	105	65-134	
1,2,3-Trichloropropane	ug/L	20	18.3	92	65-135	
1,2-Dichlorobenzene	ug/L	20	19.4	97	70-130	
1,2-Dichloroethane	ug/L	20	20.6	103	70-130	
1,2-Dichloropropane	ug/L	20	19.1	96	70-130	
1,4-Dichlorobenzene	ug/L	20	18.5	92	70-130	
2-Butanone (MEK)	ug/L	40	42.1	105	61-129	
2-Hexanone	ug/L	40	43.2	108	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	40	41.4	104	70-130	
Acetone	ug/L	40	47.2	118	44-155	
Acrylonitrile	ug/L	200	186	93	59-138	
Benzene	ug/L	20	19.2	96	70-130	
Bromochloromethane	ug/L	20	18.1	90	70-130	
Bromodichloromethane	ug/L	20	19.9	100	70-130	
Bromoform	ug/L	20	16.9	85	62-129	
Bromomethane	ug/L	20	25.2	126	10-179	
Carbon disulfide	ug/L	20	18.3	91	40-156	
Carbon tetrachloride	ug/L	20	19.1	96	66-127	
Chlorobenzene	ug/L	20	19.2	96	70-130	
Chloroethane	ug/L	20	17.2	86	57-142	
Chloroform	ug/L	20	19.6	98	70-130	
Chloromethane	ug/L	20	21.5	107	45-150	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Dibromochloromethane	ug/L	20	17.9	90	70-130	
Dibromomethane	ug/L	20	19.7	98	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

LABORATORY CONTROL SAMPLE: 1751411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	18.6	93	70-130	
Iodomethane	ug/L	40	40.9	102	21-150	
Methylene Chloride	ug/L	20	19.0	95	65-127	
Styrene	ug/L	20	19.9	99	70-130	
Tetrachloroethene	ug/L	20	16.9	85	48-155	
Toluene	ug/L	20	18.4	92	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	99	68-126	
trans-1,3-Dichloropropene	ug/L	20	18.7	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.1	105	46-138	
Trichloroethene	ug/L	20	18.9	94	69-129	
Trichlorofluoromethane	ug/L	20	23.9	119	60-144	
Vinyl acetate	ug/L	20	22.2	111	70-130	
Vinyl chloride	ug/L	20	21.5	107	67-136	
Xylene (Total)	ug/L	60	56.0	93	70-130	
1,2-Dichloroethane-d4 (S)	%			109	75-135	
4-Bromofluorobenzene (S)	%			96	89-111	
Toluene-d8 (S)	%			97	89-112	

MATRIX SPIKE SAMPLE: 1752949

Parameter	Units	35270996002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	20	20.5	103	70-130	
1,1,1-Trichloroethane	ug/L	0.50 U	20	19.0	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	19.6	98	70-130	
1,1,2-Trichloroethane	ug/L	0.50 U	20	18.7	94	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	19.7	98	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	23.1	116	65-134	
1,2,3-Trichloropropane	ug/L	0.59 U	20	18.3	91	65-135	
1,2-Dichlorobenzene	ug/L	0.50 U	20	19.5	98	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	21.0	105	70-130	
1,2-Dichloropropane	ug/L	0.50 U	20	19.5	98	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	18.4	92	70-130	
2-Butanone (MEK)	ug/L	5.0 U	40	40.5	101	61-129	
2-Hexanone	ug/L	5.0 U	40	42.0	105	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	40	40.2	101	70-130	
Acetone	ug/L	10.0 U	40	41.1	103	44-155	
Acrylonitrile	ug/L	5.0 U	200	187	94	59-138	
Benzene	ug/L	0.10 U	20	19.3	97	70-130	
Bromochloromethane	ug/L	0.50 U	20	18.3	91	70-130	
Bromodichloromethane	ug/L	0.27 U	20	20.2	101	70-130	
Bromoform	ug/L	0.50 U	20	17.7	89	62-129	
Bromomethane	ug/L	0.50 U	20	19.2	96	10-179	
Carbon disulfide	ug/L	5.0 U	20	21.3	107	40-156	
Carbon tetrachloride	ug/L	0.50 U	20	19.9	100	66-127	
Chlorobenzene	ug/L	0.50 U	20	19.9	99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

MATRIX SPIKE SAMPLE: 1752949		35270996002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloroethane	ug/L	0.50 U	20	23.0	115	57-142	
Chloroform	ug/L	0.50 U	20	19.7	99	70-130	
Chloromethane	ug/L	0.62 U	20	24.5	123	45-150	
cis-1,2-Dichloroethene	ug/L	0.50 U	20	19.9	100	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	18.0	90	70-130	
Dibromochloromethane	ug/L	0.26 U	20	18.0	90	70-130	
Dibromomethane	ug/L	0.50 U	20	19.3	96	70-130	
Ethylbenzene	ug/L	0.50 U	20	19.1	96	70-130	
Iodomethane	ug/L	0.50 U	40	43.8	109	21-150	
Methylene Chloride	ug/L	2.5 U	20	17.8	89	65-127	
Styrene	ug/L	0.50 U	20	20.7	104	70-130	
Tetrachloroethene	ug/L	0.50 U	20	15.8	79	48-155	
Toluene	ug/L	0.50 U	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	0.50 U	20	19.1	96	68-126	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	18.1	90	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	20	17.7	89	46-138	
Trichloroethene	ug/L	0.50 U	20	18.6	93	69-129	
Trichlorofluoromethane	ug/L	0.50 U	20	27.2	136	60-144	
Vinyl acetate	ug/L	1.0 U	20	18.7	94	70-130	
Vinyl chloride	ug/L	0.50 U	20	25.2	126	67-136	
Xylene (Total)	ug/L	1.5 U	60	55.7	93	70-130	
1,2-Dichloroethane-d4 (S)	%				106	75-135	
4-Bromofluorobenzene (S)	%				101	89-111	
Toluene-d8 (S)	%				96	89-112	

SAMPLE DUPLICATE: 1752948

Parameter	Units	35270996001	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U		40	
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2,3-Trichloropropane	ug/L	0.59 U	0.59 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Butanone (MEK)	ug/L	5.0 U	5.0 U		40	
2-Hexanone	ug/L	5.0 U	5.0 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0 U		40	
Acetone	ug/L	10.0 U	10.0 U		40	
Acrylonitrile	ug/L	5.0 U	5.0 U		40	
Benzene	ug/L	0.10 U	0.10 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

SAMPLE DUPLICATE: 1752948

Parameter	Units	35270996001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	
Bromoform	ug/L	0.50 U	0.50 U		40	
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon disulfide	ug/L	5.0 U	5.0 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dibromomethane	ug/L	0.50 U	0.50 U		40	
Ethylbenzene	ug/L	0.50 U	0.50 U		40	
Iodomethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Styrene	ug/L	0.50 U	0.50 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
Toluene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	5.0 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl acetate	ug/L	1.0 U	1.0 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
Xylene (Total)	ug/L	1.5 U	1.5 U		40	
1,2-Dichloroethane-d4 (S)	%	108	107	1	40	
4-Bromofluorobenzene (S)	%	96	99	4	40	
Toluene-d8 (S)	%	98	100	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 328074 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35270965011, 35270965012, 35270965013, 35270965014

METHOD BLANK: 1751412 Matrix: Water
Associated Lab Samples: 35270965011, 35270965012, 35270965013, 35270965014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	10/26/16 04:51	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,2,3-Trichloropropane	ug/L	0.59 U	1.0	0.59	10/26/16 04:51	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
2-Butanone (MEK)	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
2-Hexanone	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
Acetone	ug/L	10.0 U	20.0	10.0	10/26/16 04:51	
Acrylonitrile	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
Benzene	ug/L	0.10 U	1.0	0.10	10/26/16 04:51	
Bromochloromethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	10/26/16 04:51	
Bromoform	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Bromomethane	ug/L	0.50 U	5.0	0.50	10/26/16 04:51	
Carbon disulfide	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
Carbon tetrachloride	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Chloroethane	ug/L	0.50 U	10.0	0.50	10/26/16 04:51	
Chloroform	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Chloromethane	ug/L	0.62 U	1.0	0.62	10/26/16 04:51	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/26/16 04:51	
Dibromochloromethane	ug/L	0.26 U	0.50	0.26	10/26/16 04:51	
Dibromomethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Ethylbenzene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Iodomethane	ug/L	0.50 U	10.0	0.50	10/26/16 04:51	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	10/26/16 04:51	
Styrene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Toluene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/26/16 04:51	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	10.0	5.0	10/26/16 04:51	
Trichloroethene	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

METHOD BLANK: 1751412

Matrix: Water

Associated Lab Samples: 35270965011, 35270965012, 35270965013, 35270965014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Vinyl acetate	ug/L	1.0 U	2.0	1.0	10/26/16 04:51	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	10/26/16 04:51	
Xylene (Total)	ug/L	1.5 U	3.0	1.5	10/26/16 04:51	
1,2-Dichloroethane-d4 (S)	%	107	75-135		10/26/16 04:51	
4-Bromofluorobenzene (S)	%	99	89-111		10/26/16 04:51	
Toluene-d8 (S)	%	101	89-112		10/26/16 04:51	

LABORATORY CONTROL SAMPLE: 1751413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.3	101	70-130	
1,1,2-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethene	ug/L	20	23.1	116	65-134	
1,2,3-Trichloropropane	ug/L	20	19.6	98	65-135	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	21.5	107	70-130	
1,2-Dichloropropane	ug/L	20	20.4	102	70-130	
1,4-Dichlorobenzene	ug/L	20	19.5	98	70-130	
2-Butanone (MEK)	ug/L	40	39.3	98	61-129	
2-Hexanone	ug/L	40	43.9	110	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.6	109	70-130	
Acetone	ug/L	40	47.8	119	44-155	
Acrylonitrile	ug/L	200	197	98	59-138	
Benzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	20.8	104	70-130	
Bromodichloromethane	ug/L	20	20.5	102	70-130	
Bromoform	ug/L	20	18.8	94	62-129	
Bromomethane	ug/L	20	24.0	120	10-179	
Carbon disulfide	ug/L	20	20.5	103	40-156	
Carbon tetrachloride	ug/L	20	19.6	98	66-127	
Chlorobenzene	ug/L	20	20.6	103	70-130	
Chloroethane	ug/L	20	19.2	96	57-142	
Chloroform	ug/L	20	19.8	99	70-130	
Chloromethane	ug/L	20	22.7	113	45-150	
cis-1,2-Dichloroethene	ug/L	20	20.4	102	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.7	93	70-130	
Dibromochloromethane	ug/L	20	18.9	95	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Ethylbenzene	ug/L	20	19.6	98	70-130	
Iodomethane	ug/L	40	38.6	97	21-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill
Pace Project No.: 35270965

LABORATORY CONTROL SAMPLE: 1751413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	22.3	111	65-127	
Styrene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	24.3	122	48-155	
Toluene	ug/L	20	19.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.4	102	68-126	
trans-1,3-Dichloropropene	ug/L	20	18.8	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.5	93	46-138	
Trichloroethene	ug/L	20	19.7	99	69-129	
Trichlorofluoromethane	ug/L	20	26.5	132	60-144	
Vinyl acetate	ug/L	20	20.5	102	70-130	
Vinyl chloride	ug/L	20	22.9	114	67-136	
Xylene (Total)	ug/L	60	58.3	97	70-130	
1,2-Dichloroethane-d4 (S)	%			106	75-135	
4-Bromofluorobenzene (S)	%			98	89-111	
Toluene-d8 (S)	%			98	89-112	

MATRIX SPIKE SAMPLE: 1753019

Parameter	Units	35271220002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	20	18.2	91	70-130	
1,1,1-Trichloroethane	ug/L	0.50 U	20	18.0	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	18.8	94	70-130	
1,1,2-Trichloroethane	ug/L	0.50 U	20	18.8	94	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	19.8	99	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	21.6	108	65-134	
1,2,3-Trichloropropane	ug/L	0.59 U	20	18.4	92	65-135	
1,2-Dichlorobenzene	ug/L	0.50 U	20	18.4	92	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	19.3	96	70-130	
1,2-Dichloropropane	ug/L	0.50 U	20	18.5	93	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	17.3	86	70-130	
2-Butanone (MEK)	ug/L	5.0 U	40	38.9	97	61-129	
2-Hexanone	ug/L	5.0 U	40	42.1	105	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	40	39.9	100	70-130	
Acetone	ug/L	10.0 U	40	43.7	100	44-155	
Acrylonitrile	ug/L	5.0 U	200	181	90	59-138	
Benzene	ug/L	0.10 U	20	18.1	91	70-130	
Bromochloromethane	ug/L	0.50 U	20	18.3	92	70-130	
Bromodichloromethane	ug/L	0.27 U	20	19.1	96	70-130	
Bromoform	ug/L	0.50 U	20	16.4	82	62-129	
Bromomethane	ug/L	0.50 U	20	21.9	109	10-179	
Carbon disulfide	ug/L	5.0 U	20	21.7	109	40-156	
Carbon tetrachloride	ug/L	0.50 U	20	19.0	95	66-127	
Chlorobenzene	ug/L	0.50 U	20	18.7	93	70-130	
Chloroethane	ug/L	0.50 U	20	18.3	92	57-142	
Chloroform	ug/L	0.50 U	20	18.2	91	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

MATRIX SPIKE SAMPLE: 1753019		35271220002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloromethane	ug/L	0.62 U	20	20.6	103	45-150	
cis-1,2-Dichloroethene	ug/L	0.50 U	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	15.4	77	70-130	
Dibromochloromethane	ug/L	0.26 U	20	17.1	86	70-130	
Dibromomethane	ug/L	0.50 U	20	18.8	94	70-130	
Ethylbenzene	ug/L	0.50 U	20	17.9	89	70-130	
Iodomethane	ug/L	0.50 U	40	36.2	90	21-150	
Methylene Chloride	ug/L	2.5 U	20	20.1	101	65-127	
Styrene	ug/L	0.50 U	20	18.3	91	70-130	
Tetrachloroethene	ug/L	0.50 U	20	14.9	75	48-155	
Toluene	ug/L	0.50 U	20	18.2	91	70-130	
trans-1,2-Dichloroethene	ug/L	0.50 U	20	18.9	94	68-126	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	15.6	78	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	20	11.0	55	46-138	
Trichloroethene	ug/L	0.50 U	20	18.3	91	69-129	
Trichlorofluoromethane	ug/L	0.50 U	20	24.9	125	60-144	
Vinyl acetate	ug/L	1.0 U	20	15.9	80	70-130	
Vinyl chloride	ug/L	0.50 U	20	22.0	110	67-136	
Xylene (Total)	ug/L	1.5 U	60	51.2	85	70-130	
1,2-Dichloroethane-d4 (S)	%				105	75-135	
4-Bromofluorobenzene (S)	%				98	89-111	
Toluene-d8 (S)	%				99	89-112	

SAMPLE DUPLICATE: 1753018

Parameter	Units	35271220001	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U		40	
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2,3-Trichloropropane	ug/L	0.59 U	0.59 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Butanone (MEK)	ug/L	5.0 U	5.0 U		40	
2-Hexanone	ug/L	5.0 U	5.0 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0 U		40	
Acetone	ug/L	10.0 U	10.0 U		40	
Acrylonitrile	ug/L	5.0 U	5.0 U		40	
Benzene	ug/L	0.10 U	0.10 U		40	
Bromochloromethane	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

SAMPLE DUPLICATE: 1753018

Parameter	Units	35271220001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50 U	0.50 U		40	
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon disulfide	ug/L	5.0 U	5.0 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dibromomethane	ug/L	0.50 U	0.50 U		40	
Ethylbenzene	ug/L	0.50 U	0.50 U		40	
Iodomethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Styrene	ug/L	0.50 U	0.50 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
Toluene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	5.0 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl acetate	ug/L	1.0 U	1.0 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
Xylene (Total)	ug/L	1.5 U	1.5 U		40	
1,2-Dichloroethane-d4 (S)	%	107	106	1	40	
4-Bromofluorobenzene (S)	%	104	98	6	40	
Toluene-d8 (S)	%	99	98	2	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill
Pace Project No.: 35270965

QC Batch:	328361	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010		

METHOD BLANK:	1753066	Matrix:	Water
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	10/27/16 01:49	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,2,3-Trichloropropane	ug/L	0.59 U	1.0	0.59	10/27/16 01:49	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
2-Butanone (MEK)	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	
2-Hexanone	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	
Acetone	ug/L	10.0 U	20.0	10.0	10/27/16 01:49	
Acrylonitrile	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	
Benzene	ug/L	0.10 U	1.0	0.10	10/27/16 01:49	
Bromochloromethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	10/27/16 01:49	
Bromoform	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Bromomethane	ug/L	0.50 U	5.0	0.50	10/27/16 01:49	
Carbon disulfide	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	
Carbon tetrachloride	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Chloroethane	ug/L	0.50 U	10.0	0.50	10/27/16 01:49	
Chloroform	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Chloromethane	ug/L	0.62 U	1.0	0.62	10/27/16 01:49	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/27/16 01:49	
Dibromochloromethane	ug/L	0.26 U	0.50	0.26	10/27/16 01:49	
Dibromomethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Ethylbenzene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Iodomethane	ug/L	0.50 U	10.0	0.50	10/27/16 01:49	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	10/27/16 01:49	
Styrene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Toluene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/27/16 01:49	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	10.0	5.0	10/27/16 01:49	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

METHOD BLANK: 1753066

Matrix: Water

Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Vinyl acetate	ug/L	1.0 U	2.0	1.0	10/27/16 01:49	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	10/27/16 01:49	
Xylene (Total)	ug/L	1.5 U	3.0	1.5	10/27/16 01:49	
1,2-Dichloroethane-d4 (S)	%	108	75-135		10/27/16 01:49	
4-Bromofluorobenzene (S)	%	105	89-111		10/27/16 01:49	
Toluene-d8 (S)	%	100	89-112		10/27/16 01:49	

LABORATORY CONTROL SAMPLE: 1753067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	96	70-130	
1,1,1-Trichloroethane	ug/L	20	18.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.1	106	70-130	
1,1,2-Trichloroethane	ug/L	20	19.5	97	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	22.7	114	65-134	
1,2,3-Trichloropropane	ug/L	20	20.7	103	65-135	
1,2-Dichlorobenzene	ug/L	20	18.4	92	70-130	
1,2-Dichloroethane	ug/L	20	22.0	110	70-130	
1,2-Dichloropropane	ug/L	20	20.2	101	70-130	
1,4-Dichlorobenzene	ug/L	20	18.6	93	70-130	
2-Butanone (MEK)	ug/L	40	41.1	103	61-129	
2-Hexanone	ug/L	40	45.2	113	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	40	45.2	113	70-130	
Acetone	ug/L	40	43.6	109	44-155	
Acrylonitrile	ug/L	200	213	106	59-138	
Benzene	ug/L	20	19.1	95	70-130	
Bromochloromethane	ug/L	20	19.4	97	70-130	
Bromodichloromethane	ug/L	20	19.8	99	70-130	
Bromoform	ug/L	20	19.4	97	62-129	
Bromomethane	ug/L	20	24.5	122	10-179	
Carbon disulfide	ug/L	20	18.3	91	40-156	
Carbon tetrachloride	ug/L	20	18.5	92	66-127	
Chlorobenzene	ug/L	20	19.8	99	70-130	
Chloroethane	ug/L	20	19.2	96	57-142	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	25.5	128	45-150	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.8	94	70-130	
Dibromochloromethane	ug/L	20	19.1	95	70-130	
Dibromomethane	ug/L	20	19.5	97	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

LABORATORY CONTROL SAMPLE: 1753067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.1	96	70-130	
Iodomethane	ug/L	40	39.4	99	21-150	
Methylene Chloride	ug/L	20	20.4	102	65-127	
Styrene	ug/L	20	19.4	97	70-130	
Tetrachloroethene	ug/L	20	16.9	84	48-155	
Toluene	ug/L	20	18.6	93	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	68-126	
trans-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	22.7	114	46-138	
Trichloroethene	ug/L	20	18.9	94	69-129	
Trichlorofluoromethane	ug/L	20	25.1	126	60-144	
Vinyl acetate	ug/L	20	21.6	108	70-130	
Vinyl chloride	ug/L	20	23.9	119	67-136	
Xylene (Total)	ug/L	60	57.8	96	70-130	
1,2-Dichloroethane-d4 (S)	%			108	75-135	
4-Bromofluorobenzene (S)	%			101	89-111	
Toluene-d8 (S)	%			97	89-112	

MATRIX SPIKE SAMPLE: 1754769

Parameter	Units	35271251006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	20	20.2	101	70-130	
1,1,1-Trichloroethane	ug/L	0.50 U	20	20.4	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	21.7	109	70-130	
1,1,2-Trichloroethane	ug/L	0.50 U	20	20.4	102	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	21.9	110	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	25.5	127	65-134	
1,2,3-Trichloropropane	ug/L	0.59 U	20	18.0	90	65-135	
1,2-Dichlorobenzene	ug/L	0.50 U	20	20.8	104	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	22.2	111	70-130	
1,2-Dichloropropane	ug/L	0.50 U	20	20.4	102	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	20.1	100	70-130	
2-Butanone (MEK)	ug/L	5.0 U	40	39.8	99	61-129	
2-Hexanone	ug/L	5.0 U	40	41.9	105	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	40	40.7	102	70-130	
Acetone	ug/L	10.0 U	40	44.9	112	44-155	
Acrylonitrile	ug/L	5.0 U	200	194	97	59-138	
Benzene	ug/L	0.10 U	20	20.1	100	70-130	
Bromochloromethane	ug/L	0.50 U	20	20.7	103	70-130	
Bromodichloromethane	ug/L	0.27 U	20	21.3	106	70-130	
Bromoform	ug/L	0.50 U	20	18.8	94	62-129	
Bromomethane	ug/L	0.50 U	20	19.9	100	10-179	
Carbon disulfide	ug/L	5.0 U	20	21.4	106	40-156	
Carbon tetrachloride	ug/L	0.50 U	20	21.6	108	66-127	
Chlorobenzene	ug/L	0.50 U	20	20.8	104	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill
Pace Project No.: 35270965

MATRIX SPIKE SAMPLE: 1754769		35271251006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloroethane	ug/L	0.50 U	20	20.5	102	57-142	
Chloroform	ug/L	0.50 U	20	20.1	100	70-130	
Chloromethane	ug/L	0.62 U	20	23.4	117	45-150	
cis-1,2-Dichloroethene	ug/L	0.50 U	20	21.1	105	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	16.9	85	70-130	
Dibromochloromethane	ug/L	0.26 U	20	19.5	97	70-130	
Dibromomethane	ug/L	0.50 U	20	20.0	100	70-130	
Ethylbenzene	ug/L	0.50 U	20	19.7	99	70-130	
Iodomethane	ug/L	0.50 U	40	32.5	81	21-150	
Methylene Chloride	ug/L	2.5 U	20	22.4	112	65-127	
Styrene	ug/L	0.50 U	20	19.7	98	70-130	
Tetrachloroethene	ug/L	0.50 U	20	16.3	82	48-155	
Toluene	ug/L	0.50 U	20	20.3	102	70-130	
trans-1,2-Dichloroethene	ug/L	0.50 U	20	21.0	105	68-126	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	16.5	83	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	20	9.1 I	45	46-138 J(M1)	
Trichloroethene	ug/L	0.50 U	20	20.4	102	69-129	
Trichlorofluoromethane	ug/L	0.50 U	20	29.9	149	60-144 J(M1)	
Vinyl acetate	ug/L	1.0 U	20	16.5	83	70-130	
Vinyl chloride	ug/L	0.50 U	20	28.0	140	67-136 J(M1)	
Xylene (Total)	ug/L	1.5 U	60	57.7	96	70-130	
1,2-Dichloroethane-d4 (S)	%				108	75-135	
4-Bromofluorobenzene (S)	%				98	89-111	
Toluene-d8 (S)	%				98	89-112	

SAMPLE DUPLICATE: 1754768

Parameter	Units	35271251005	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U		40	
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2,3-Trichloropropane	ug/L	0.59 U	0.59 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Butanone (MEK)	ug/L	5.0 U	5.0 U		40	
2-Hexanone	ug/L	5.0 U	5.0 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0 U		40	
Acetone	ug/L	10.0 U	10.0 U		40	
Acrylonitrile	ug/L	5.0 U	5.0 U		40	
Benzene	ug/L	0.10 U	0.10 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

SAMPLE DUPLICATE: 1754768

Parameter	Units	35271251005 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	
Bromoform	ug/L	0.50 U	0.50 U		40	
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon disulfide	ug/L	5.0 U	5.0 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dibromomethane	ug/L	0.50 U	0.50 U		40	
Ethylbenzene	ug/L	0.50 U	0.50 U		40	
Iodomethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Styrene	ug/L	0.50 U	0.50 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
Toluene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	5.0 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl acetate	ug/L	1.0 U	1.0 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
Xylene (Total)	ug/L	1.5 U	1.5 U		40	
1,2-Dichloroethane-d4 (S)	%	112	110	2	40	
4-Bromofluorobenzene (S)	%	101	99	2	40	
Toluene-d8 (S)	%	101	101	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 328684 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016, 35271251017

METHOD BLANK: 1754823 Matrix: Water
Associated Lab Samples: 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016, 35271251017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,1,1-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.50	0.12	10/28/16 02:39	
1,1,2-Trichloroethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,1-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,1-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,2,3-Trichloropropane	ug/L	0.59 U	1.0	0.59	10/28/16 02:39	
1,2-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,2-Dichloroethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,2-Dichloropropane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
1,4-Dichlorobenzene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
2-Butanone (MEK)	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
2-Hexanone	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
Acetone	ug/L	10.0 U	20.0	10.0	10/28/16 02:39	
Acrylonitrile	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
Benzene	ug/L	0.10 U	1.0	0.10	10/28/16 02:39	
Bromochloromethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Bromodichloromethane	ug/L	0.27 U	0.60	0.27	10/28/16 02:39	
Bromoform	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Bromomethane	ug/L	0.50 U	5.0	0.50	10/28/16 02:39	
Carbon disulfide	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
Carbon tetrachloride	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Chlorobenzene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Chloroethane	ug/L	0.50 U	10.0	0.50	10/28/16 02:39	
Chloroform	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Chloromethane	ug/L	0.62 U	1.0	0.62	10/28/16 02:39	
cis-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/28/16 02:39	
Dibromochloromethane	ug/L	0.26 U	0.50	0.26	10/28/16 02:39	
Dibromomethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Ethylbenzene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Iodomethane	ug/L	0.50 U	10.0	0.50	10/28/16 02:39	
Methylene Chloride	ug/L	2.5 U	5.0	2.5	10/28/16 02:39	
Styrene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Tetrachloroethene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Toluene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
trans-1,2-Dichloroethene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.50	0.25	10/28/16 02:39	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	10.0	5.0	10/28/16 02:39	
Trichloroethene	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

METHOD BLANK: 1754823

Matrix: Water

Associated Lab Samples: 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016, 35271251017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Vinyl acetate	ug/L	1.0 U	2.0	1.0	10/28/16 02:39	
Vinyl chloride	ug/L	0.50 U	1.0	0.50	10/28/16 02:39	
Xylene (Total)	ug/L	1.5 U	3.0	1.5	10/28/16 02:39	
1,2-Dichloroethane-d4 (S)	%	112	75-135		10/28/16 02:39	
4-Bromofluorobenzene (S)	%	99	89-111		10/28/16 02:39	
Toluene-d8 (S)	%	98	89-112		10/28/16 02:39	

LABORATORY CONTROL SAMPLE: 1754824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.4	92	70-130	
1,1,1-Trichloroethane	ug/L	20	16.4	82	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	70-130	
1,1,2-Trichloroethane	ug/L	20	18.7	93	70-130	
1,1-Dichloroethane	ug/L	20	17.7	89	70-130	
1,1-Dichloroethene	ug/L	20	20.2	101	65-134	
1,2,3-Trichloropropane	ug/L	20	18.0	90	65-135	
1,2-Dichlorobenzene	ug/L	20	17.1	85	70-130	
1,2-Dichloroethane	ug/L	20	19.3	97	70-130	
1,2-Dichloropropane	ug/L	20	18.7	93	70-130	
1,4-Dichlorobenzene	ug/L	20	16.9	85	70-130	
2-Butanone (MEK)	ug/L	40	35.5	89	61-129	
2-Hexanone	ug/L	40	43.2	108	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.2	101	70-130	
Acetone	ug/L	40	41.2	103	44-155	
Acrylonitrile	ug/L	200	191	96	59-138	
Benzene	ug/L	20	17.1	86	70-130	
Bromochloromethane	ug/L	20	16.8	84	70-130	
Bromodichloromethane	ug/L	20	18.3	91	70-130	
Bromoform	ug/L	20	18.3	91	62-129	
Bromomethane	ug/L	20	23.1	115	10-179	
Carbon disulfide	ug/L	20	16.9	84	40-156	
Carbon tetrachloride	ug/L	20	17.0	85	66-127	
Chlorobenzene	ug/L	20	17.8	89	70-130	
Chloroethane	ug/L	20	20.8	104	57-142	
Chloroform	ug/L	20	17.2	86	70-130	
Chloromethane	ug/L	20	20.9	104	45-150	
cis-1,2-Dichloroethene	ug/L	20	17.9	89	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.3	86	70-130	
Dibromochloromethane	ug/L	20	18.0	90	70-130	
Dibromomethane	ug/L	20	18.6	93	70-130	
Ethylbenzene	ug/L	20	17.5	87	70-130	
Iodomethane	ug/L	40	37.4	94	21-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

LABORATORY CONTROL SAMPLE: 1754824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	20.7	103	65-127	
Styrene	ug/L	20	16.5	82	70-130	
Tetrachloroethene	ug/L	20	16.0	80	48-155	
Toluene	ug/L	20	17.4	87	70-130	
trans-1,2-Dichloroethene	ug/L	20	16.9	84	68-126	
trans-1,3-Dichloropropene	ug/L	20	18.3	92	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.4	87	46-138	
Trichloroethene	ug/L	20	16.7	84	69-129	
Trichlorofluoromethane	ug/L	20	20.2	101	60-144	
Vinyl acetate	ug/L	20	18.7	93	70-130	
Vinyl chloride	ug/L	20	15.5	78	67-136	
Xylene (Total)	ug/L	60	52.3	87	70-130	
1,2-Dichloroethane-d4 (S)	%			110	75-135	
4-Bromofluorobenzene (S)	%			97	89-111	
Toluene-d8 (S)	%			97	89-112	

MATRIX SPIKE SAMPLE: 1756107

Parameter	Units	35271251012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	20	19.5	97	70-130	
1,1,1-Trichloroethane	ug/L	0.50 U	20	18.5	92	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	20	19.7	99	70-130	
1,1,2-Trichloroethane	ug/L	0.50 U	20	19.7	99	70-130	
1,1-Dichloroethane	ug/L	0.50 U	20	19.7	99	70-130	
1,1-Dichloroethene	ug/L	0.50 U	20	26.3	132	65-134	
1,2,3-Trichloropropane	ug/L	0.59 U	20	19.2	96	65-135	
1,2-Dichlorobenzene	ug/L	0.50 U	20	18.8	94	70-130	
1,2-Dichloroethane	ug/L	0.50 U	20	18.8	94	70-130	
1,2-Dichloropropane	ug/L	0.50 U	20	18.6	93	70-130	
1,4-Dichlorobenzene	ug/L	0.50 U	20	18.7	93	70-130	
2-Butanone (MEK)	ug/L	5.0 U	40	36.3	91	61-129	
2-Hexanone	ug/L	5.0 U	40	44.7	112	68-131	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	40	42.5	106	70-130	
Acetone	ug/L	10.0 U	40	41.6	104	44-155	
Acrylonitrile	ug/L	5.0 U	200	191	96	59-138	
Benzene	ug/L	0.10 U	20	18.5	92	70-130	
Bromochloromethane	ug/L	0.50 U	20	18.3	91	70-130	
Bromodichloromethane	ug/L	0.27 U	20	18.7	93	70-130	
Bromoform	ug/L	0.50 U	20	17.8	89	62-129	
Bromomethane	ug/L	0.50 U	20	21.9	110	10-179	
Carbon disulfide	ug/L	5.0 U	20	20.4	101	40-156	
Carbon tetrachloride	ug/L	0.50 U	20	18.4	92	66-127	
Chlorobenzene	ug/L	0.50 U	20	20.1	101	70-130	
Chloroethane	ug/L	0.50 U	20	22.0	110	57-142	
Chloroform	ug/L	0.50 U	20	17.8	89	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

MATRIX SPIKE SAMPLE: 1756107		35271251012	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloromethane	ug/L	0.62 U	20	24.5	123	45-150	
cis-1,2-Dichloroethene	ug/L	0.50 U	20	18.9	94	70-130	
cis-1,3-Dichloropropene	ug/L	0.25 U	20	16.0	80	70-130	
Dibromochloromethane	ug/L	0.26 U	20	19.6	98	70-130	
Dibromomethane	ug/L	0.50 U	20	17.9	90	70-130	
Ethylbenzene	ug/L	0.50 U	20	19.3	97	70-130	
Iodomethane	ug/L	0.50 U	40	42.4	106	21-150	
Methylene Chloride	ug/L	2.5 U	20	21.9	109	65-127	
Styrene	ug/L	0.50 U	20	18.3	92	70-130	
Tetrachloroethene	ug/L	0.50 U	20	16.8	84	48-155	
Toluene	ug/L	0.50 U	20	20.3	101	70-130	
trans-1,2-Dichloroethene	ug/L	0.50 U	20	19.1	95	68-126	
trans-1,3-Dichloropropene	ug/L	0.25 U	20	18.4	92	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	20	14.2	71	46-138	
Trichloroethene	ug/L	0.50 U	20	18.3	92	69-129	
Trichlorofluoromethane	ug/L	0.50 U	20	27.6	138	60-144	
Vinyl acetate	ug/L	1.0 U	20	14.9	75	70-130	
Vinyl chloride	ug/L	0.50 U	20	23.1	116	67-136	
Xylene (Total)	ug/L	1.5 U	60	56.1	93	70-130	
1,2-Dichloroethane-d4 (S)	%				106	75-135	
4-Bromofluorobenzene (S)	%				103	89-111	
Toluene-d8 (S)	%				94	89-112	

SAMPLE DUPLICATE: 1756106

Parameter	Units	35271251011	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U		40	
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12 U	0.12 U		40	
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,1-Dichloroethene	ug/L	0.50 U	0.50 U		40	
1,2,3-Trichloropropane	ug/L	0.59 U	0.59 U		40	
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
1,2-Dichloroethane	ug/L	0.50 U	0.50 U		40	
1,2-Dichloropropane	ug/L	0.50 U	0.50 U		40	
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U		40	
2-Butanone (MEK)	ug/L	5.0 U	5.0 U		40	
2-Hexanone	ug/L	5.0 U	5.0 U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0 U		40	
Acetone	ug/L	10.0 U	10.0 U		40	
Acrylonitrile	ug/L	5.0 U	5.0 U		40	
Benzene	ug/L	0.10 U	0.10 U		40	
Bromochloromethane	ug/L	0.50 U	0.50 U		40	
Bromodichloromethane	ug/L	0.27 U	0.27 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

SAMPLE DUPLICATE: 1756106

Parameter	Units	35271251011 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50 U	0.50 U		40	
Bromomethane	ug/L	0.50 U	0.50 U		40	
Carbon disulfide	ug/L	5.0 U	5.0 U		40	
Carbon tetrachloride	ug/L	0.50 U	0.50 U		40	
Chlorobenzene	ug/L	0.50 U	0.50 U		40	
Chloroethane	ug/L	0.50 U	0.50 U		40	
Chloroform	ug/L	0.50 U	0.50 U		40	
Chloromethane	ug/L	0.62 U	0.62 U		40	
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
cis-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
Dibromochloromethane	ug/L	0.26 U	0.26 U		40	
Dibromomethane	ug/L	0.50 U	0.50 U		40	
Ethylbenzene	ug/L	0.50 U	0.50 U		40	
Iodomethane	ug/L	0.50 U	0.50 U		40	
Methylene Chloride	ug/L	2.5 U	2.5 U		40	
Styrene	ug/L	0.50 U	0.50 U		40	
Tetrachloroethene	ug/L	0.50 U	0.50 U		40	
Toluene	ug/L	0.50 U	0.50 U		40	
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U		40	
trans-1,3-Dichloropropene	ug/L	0.25 U	0.25 U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0 U	5.0 U		40	
Trichloroethene	ug/L	0.50 U	0.50 U		40	
Trichlorofluoromethane	ug/L	0.50 U	0.50 U		40	
Vinyl acetate	ug/L	1.0 U	1.0 U		40	
Vinyl chloride	ug/L	0.50 U	0.50 U		40	
Xylene (Total)	ug/L	1.5 U	1.5 U		40	
1,2-Dichloroethane-d4 (S)	%	108	109	1	40	
4-Bromofluorobenzene (S)	%	100	100	0	40	
Toluene-d8 (S)	%	97	98	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	328030	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	8011 EDB DBCP
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

METHOD BLANK:	1751147	Matrix:	Water
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	0.020	0.0049	10/26/16 02:24	
1,2-Dibromoethane (EDB)	ug/L	0.0075 U	0.010	0.0075	10/26/16 02:24	

LABORATORY CONTROL SAMPLE: 1751148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.18	70	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.20	80	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1751276 1751277

Parameter	Units	35272237001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0047 U	.44	.44	1.1	1.0	243	233	60-140	4	40	J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.0073 U	.44	.44	1.0	0.97	240	222	60-140	8	40	J(M1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	328031	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	8011 EDB DBCP
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK: 1751151

Matrix: Water

Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.086 U	0.35	0.086	10/26/16 08:58	
1,2-Dibromoethane (EDB)	ug/L	0.13 U	0.18	0.13	10/26/16 08:58	

LABORATORY CONTROL SAMPLE: 1751152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	3.0	1200	60-140 J(L0)	
1,2-Dibromoethane (EDB)	ug/L	.25	3.1	1250	60-140 J(L0)	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1751273 1751274

Parameter	Units	35272237003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.087 U	.25	.25	5.6	4.0	2230	1590	60-140	33	40	J(M0)
1,2-Dibromoethane (EDB)	ug/L	0.13 U	.25	.25	4.8	4.1	1900	1620	60-140	16	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327160	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

METHOD BLANK:	1746033	Matrix:	Water
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	10/20/16 13:39	

LABORATORY CONTROL SAMPLE: 1746034

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	284	95	90-110	

SAMPLE DUPLICATE: 1746035

Parameter	Units	35270899003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	598	598	0	5	

SAMPLE DUPLICATE: 1746036

Parameter	Units	35270965007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	312	311	0	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch: 327448 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006

METHOD BLANK: 1747857 Matrix: Water
Associated Lab Samples: 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	10/21/16 15:36	

LABORATORY CONTROL SAMPLE: 1747858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	280	93	90-110	

SAMPLE DUPLICATE: 1747859

Parameter	Units	35271126002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1030	1040	1	5	

SAMPLE DUPLICATE: 1747860

Parameter	Units	35271220004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	439	438	0	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327449	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK:	1747862	Matrix:	Water
Associated Lab Samples:	35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	10/21/16 16:28	

LABORATORY CONTROL SAMPLE: 1747863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	309	103	90-110	

SAMPLE DUPLICATE: 1747864

Parameter	Units	35271251007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	297	297	0	5	

SAMPLE DUPLICATE: 1747865

Parameter	Units	35271297001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	830	836	1	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	326888	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011		

METHOD BLANK:	1744432	Matrix:	Water
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	2.5 U	5.0	2.5	10/19/16 10:22	

LABORATORY CONTROL SAMPLE: 1744433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.9	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1744434 1744435

Parameter	Units	35270965002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	5.1	50	50	55.2	55.6	100	101	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1744436 1744437

Parameter	Units	35271253001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.4	50	50	68.9	71.9	99	105	90-110	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	326889	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35270965012, 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK:	1744439	Matrix:	Water
Associated Lab Samples:	35270965012, 35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	2.5 U	5.0	2.5	10/19/16 20:24	

LABORATORY CONTROL SAMPLE: 1744440						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
1744441					1744442							
		35271146001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5 U	50	50	50.0	49.8	100	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1744443174444												
Parameter	Units	35271251009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	65.2	50	50	115	115	99	100	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	327769	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

METHOD BLANK:	1749958	Matrix:	Water
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020 U	0.050	0.020	10/24/16 16:27	

LABORATORY CONTROL SAMPLE: 1749959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	101	90-110	

MATRIX SPIKE SAMPLE: 1749961

Parameter	Units	35270741007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.17	1	1.2	106	90-110	

SAMPLE DUPLICATE: 1749960

Parameter	Units	35270741007 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.17	0.16	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	328880	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK:	1756312	Matrix:	Water
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020 U	0.050	0.020	10/28/16 18:13	

LABORATORY CONTROL SAMPLE: 1756313						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE:	1756315						
		35272764004	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.40	1	1.4	102	90-110	

SAMPLE DUPLICATE: 1756314						
Parameter	Units	35272764004 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.40	0.40	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	326697	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

METHOD BLANK:	1743361	Matrix:	Water
Associated Lab Samples:	35270965001, 35270965002, 35270965003, 35270965004, 35270965005, 35270965006, 35270965007, 35270965008, 35270965009, 35270965010, 35270965011, 35270965012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.010 U	0.040	0.010	10/18/16 14:27	

SAMPLE DUPLICATE: 1743363

Parameter	Units	35270899004 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025 U	0.010 U		20	

SAMPLE DUPLICATE: 1743365

Parameter	Units	35270965006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025 U	0.010 U		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Lena Road Landfill

Pace Project No.: 35270965

QC Batch:	326919	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

METHOD BLANK:	1744602	Matrix:	Water
Associated Lab Samples:	35271251001, 35271251002, 35271251003, 35271251004, 35271251005, 35271251006, 35271251007, 35271251008, 35271251009, 35271251010, 35271251011, 35271251012, 35271251013, 35271251014, 35271251015, 35271251016		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.010 U	0.040	0.010	10/19/16 13:46	

SAMPLE DUPLICATE:	1744604	35271251001	Dup Result	RPD	Max RPD	Qualifiers
Parameter	Units	Result				
Nitrogen, Nitrate	mg/L	0.025 U	0.013 I		20	

SAMPLE DUPLICATE:	1744606	35271251011	Dup Result	RPD	Max RPD	Qualifiers
Parameter	Units	Result				
Nitrogen, Nitrate	mg/L	0.025 U	0.014 I		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Lena Road Landfill
Pace Project No.: 35270965

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U Compound was analyzed for but not detected.
CU The continuing calibration for this compound is outside of Pace Analytical acceptance limits. Analyte presence below reporting limits in associated samples.
J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.
J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35270965001	GW-3				
35270965002	GW-4				
35270965003	GW-5				
35270965004	GW-6				
35270965005	GW-7				
35270965006	GW-8				
35270965007	GW-9				
35270965008	GW-10				
35270965009	GW-11				
35270965010	GW-12				
35270965011	GW-13				
35270965012	GW-14				
35271251001	BGW-1				
35271251002	GW-15				
35271251003	GW-16				
35271251004	GW-17				
35271251005	GW-18				
35271251006	GW-19				
35271251007	GW-20				
35271251008	GW-21				
35271251009	GW-22				
35271251010	GW-23				
35271251011	GW-24				
35271251012	GW-25				
35271251013	GW-26				
35271251014	GW-27R				
35271251016	GW-17DUP				
35270965001	GW-3	EPA 8011	328030	EPA 8011	328122
35270965002	GW-4	EPA 8011	328030	EPA 8011	328122
35270965003	GW-5	EPA 8011	328030	EPA 8011	328122
35270965004	GW-6	EPA 8011	328030	EPA 8011	328122
35270965005	GW-7	EPA 8011	328030	EPA 8011	328122
35270965006	GW-8	EPA 8011	328030	EPA 8011	328122
35270965007	GW-9	EPA 8011	328030	EPA 8011	328122
35270965008	GW-10	EPA 8011	328030	EPA 8011	328122
35270965009	GW-11	EPA 8011	328030	EPA 8011	328122
35270965010	GW-12	EPA 8011	328030	EPA 8011	328122
35270965011	GW-13	EPA 8011	328030	EPA 8011	328122
35270965012	GW-14	EPA 8011	328030	EPA 8011	328122
35271251001	BGW-1	EPA 8011	328031	EPA 8011	328125
35271251002	GW-15	EPA 8011	328031	EPA 8011	328125
35271251003	GW-16	EPA 8011	328031	EPA 8011	328125
35271251004	GW-17	EPA 8011	328031	EPA 8011	328125
35271251005	GW-18	EPA 8011	328031	EPA 8011	328125
35271251006	GW-19	EPA 8011	328031	EPA 8011	328125
35271251007	GW-20	EPA 8011	328031	EPA 8011	328125
35271251008	GW-21	EPA 8011	328031	EPA 8011	328125
35271251009	GW-22	EPA 8011	328031	EPA 8011	328125

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35271251010	GW-23	EPA 8011	328031	EPA 8011	328125
35271251011	GW-24	EPA 8011	328031	EPA 8011	328125
35271251012	GW-25	EPA 8011	328031	EPA 8011	328125
35271251013	GW-26	EPA 8011	328031	EPA 8011	328125
35271251014	GW-27R	EPA 8011	328031	EPA 8011	328125
35271251015	Field Blank 10/18/2016	EPA 8011	328031	EPA 8011	328125
35271251016	GW-17DUP	EPA 8011	328031	EPA 8011	328125
35270965001	GW-3	EPA 3010	327340	EPA 6010	327638
35270965002	GW-4	EPA 3010	327340	EPA 6010	327638
35270965003	GW-5	EPA 3010	327340	EPA 6010	327638
35270965004	GW-6	EPA 3010	327340	EPA 6010	327638
35270965005	GW-7	EPA 3010	327340	EPA 6010	327638
35270965006	GW-8	EPA 3010	327340	EPA 6010	327638
35270965007	GW-9	EPA 3010	327340	EPA 6010	327638
35270965008	GW-10	EPA 3010	327340	EPA 6010	327638
35270965009	GW-11	EPA 3010	327340	EPA 6010	327638
35270965010	GW-12	EPA 3010	327340	EPA 6010	327638
35270965011	GW-13	EPA 3010	327340	EPA 6010	327638
35270965012	GW-14	EPA 3010	327340	EPA 6010	327638
35271251001	BGW-1	EPA 3010	327328	EPA 6010	327418
35271251002	GW-15	EPA 3010	327328	EPA 6010	327418
35271251003	GW-16	EPA 3010	327328	EPA 6010	327418
35271251004	GW-17	EPA 3010	327328	EPA 6010	327418
35271251005	GW-18	EPA 3010	327328	EPA 6010	327418
35271251006	GW-19	EPA 3010	327328	EPA 6010	327418
35271251007	GW-20	EPA 3010	327328	EPA 6010	327418
35271251008	GW-21	EPA 3010	327328	EPA 6010	327418
35271251009	GW-22	EPA 3010	327328	EPA 6010	327418
35271251010	GW-23	EPA 3010	327328	EPA 6010	327418
35271251011	GW-24	EPA 3010	327328	EPA 6010	327418
35271251012	GW-25	EPA 3010	327328	EPA 6010	327418
35271251013	GW-26	EPA 3010	327328	EPA 6010	327418
35271251014	GW-27R	EPA 3010	327328	EPA 6010	327418
35271251015	Field Blank 10/18/2016	EPA 3010	327328	EPA 6010	327418
35271251016	GW-17DUP	EPA 3010	327328	EPA 6010	327418
35270965001	GW-3	EPA 3010	327341	EPA 6020	327637
35270965002	GW-4	EPA 3010	327341	EPA 6020	327637
35270965003	GW-5	EPA 3010	327341	EPA 6020	327637
35270965004	GW-6	EPA 3010	327341	EPA 6020	327637
35270965005	GW-7	EPA 3010	327341	EPA 6020	327637
35270965006	GW-8	EPA 3010	327341	EPA 6020	327637
35270965007	GW-9	EPA 3010	327341	EPA 6020	327637
35270965008	GW-10	EPA 3010	327341	EPA 6020	327637
35270965009	GW-11	EPA 3010	327341	EPA 6020	327637
35270965010	GW-12	EPA 3010	327341	EPA 6020	327637
35270965011	GW-13	EPA 3010	327341	EPA 6020	327637
35270965012	GW-14	EPA 3010	327341	EPA 6020	327637

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35271251001	BGW-1	EPA 3010	327327	EPA 6020	327423
35271251002	GW-15	EPA 3010	327327	EPA 6020	327423
35271251003	GW-16	EPA 3010	327327	EPA 6020	327423
35271251004	GW-17	EPA 3010	327327	EPA 6020	327423
35271251005	GW-18	EPA 3010	327327	EPA 6020	327423
35271251006	GW-19	EPA 3010	327327	EPA 6020	327423
35271251007	GW-20	EPA 3010	327327	EPA 6020	327423
35271251008	GW-21	EPA 3010	327327	EPA 6020	327423
35271251009	GW-22	EPA 3010	327327	EPA 6020	327423
35271251010	GW-23	EPA 3010	327327	EPA 6020	327423
35271251011	GW-24	EPA 3010	327327	EPA 6020	327423
35271251012	GW-25	EPA 3010	327327	EPA 6020	327423
35271251013	GW-26	EPA 3010	327327	EPA 6020	327423
35271251014	GW-27R	EPA 3010	327327	EPA 6020	327423
35271251015	Field Blank 10/18/2016	EPA 3010	327327	EPA 6020	327423
35271251016	GW-17DUP	EPA 3010	327327	EPA 6020	327423
35270965001	GW-3	EPA 7470	327366	EPA 7470	327438
35270965002	GW-4	EPA 7470	327562	EPA 7470	327778
35270965003	GW-5	EPA 7470	327562	EPA 7470	327778
35270965004	GW-6	EPA 7470	327562	EPA 7470	327778
35270965005	GW-7	EPA 7470	327562	EPA 7470	327778
35270965006	GW-8	EPA 7470	327562	EPA 7470	327778
35270965007	GW-9	EPA 7470	327562	EPA 7470	327778
35270965008	GW-10	EPA 7470	327562	EPA 7470	327778
35270965009	GW-11	EPA 7470	327562	EPA 7470	327778
35270965010	GW-12	EPA 7470	327562	EPA 7470	327778
35270965011	GW-13	EPA 7470	327562	EPA 7470	327778
35270965012	GW-14	EPA 7470	327562	EPA 7470	327778
35271251001	BGW-1	EPA 7470	327904	EPA 7470	328017
35271251002	GW-15	EPA 7470	327904	EPA 7470	328017
35271251003	GW-16	EPA 7470	327904	EPA 7470	328017
35271251004	GW-17	EPA 7470	327904	EPA 7470	328017
35271251005	GW-18	EPA 7470	327904	EPA 7470	328017
35271251006	GW-19	EPA 7470	327904	EPA 7470	328017
35271251007	GW-20	EPA 7470	327904	EPA 7470	328017
35271251008	GW-21	EPA 7470	327904	EPA 7470	328017
35271251009	GW-22	EPA 7470	327904	EPA 7470	328017
35271251010	GW-23	EPA 7470	327904	EPA 7470	328017
35271251011	GW-24	EPA 7470	327904	EPA 7470	328017
35271251012	GW-25	EPA 7470	327904	EPA 7470	328017
35271251013	GW-26	EPA 7470	327904	EPA 7470	328017
35271251014	GW-27R	EPA 7470	327904	EPA 7470	328017
35271251015	Field Blank 10/18/2016	EPA 7470	327904	EPA 7470	328017
35271251016	GW-17DUP	EPA 7470	329528	EPA 7470	329603
35270965001	GW-3	EPA 8260	328073		
35270965002	GW-4	EPA 8260	328073		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35270965003	GW-5	EPA 8260	328073		
35270965004	GW-6	EPA 8260	328073		
35270965005	GW-7	EPA 8260	328073		
35270965006	GW-8	EPA 8260	328073		
35270965007	GW-9	EPA 8260	328073		
35270965008	GW-10	EPA 8260	328073		
35270965009	GW-11	EPA 8260	328073		
35270965010	GW-12	EPA 8260	328073		
35270965011	GW-13	EPA 8260	328074		
35270965012	GW-14	EPA 8260	328074		
35270965013	Trip Blank 1 10.17.16	EPA 8260	328074		
35270965014	Trip Blank 2 10.17.16	EPA 8260	328074		
35271251001	BGW-1	EPA 8260	328361		
35271251002	GW-15	EPA 8260	328361		
35271251003	GW-16	EPA 8260	328361		
35271251004	GW-17	EPA 8260	328361		
35271251005	GW-18	EPA 8260	328361		
35271251006	GW-19	EPA 8260	328361		
35271251007	GW-20	EPA 8260	328361		
35271251008	GW-21	EPA 8260	328361		
35271251009	GW-22	EPA 8260	328361		
35271251010	GW-23	EPA 8260	328361		
35271251011	GW-24	EPA 8260	328684		
35271251012	GW-25	EPA 8260	328684		
35271251013	GW-26	EPA 8260	328684		
35271251014	GW-27R	EPA 8260	328684		
35271251015	Field Blank 10/18/2016	EPA 8260	328684		
35271251016	GW-17DUP	EPA 8260	328684		
35271251017	TRIP BLANK 10/18/16	EPA 8260	328684		
35270965001	GW-3	SM 2540C	327160		
35270965002	GW-4	SM 2540C	327160		
35270965003	GW-5	SM 2540C	327160		
35270965004	GW-6	SM 2540C	327160		
35270965005	GW-7	SM 2540C	327160		
35270965006	GW-8	SM 2540C	327160		
35270965007	GW-9	SM 2540C	327160		
35270965008	GW-10	SM 2540C	327160		
35270965009	GW-11	SM 2540C	327160		
35270965010	GW-12	SM 2540C	327160		
35270965011	GW-13	SM 2540C	327160		
35270965012	GW-14	SM 2540C	327160		
35271251001	BGW-1	SM 2540C	327448		
35271251002	GW-15	SM 2540C	327448		
35271251003	GW-16	SM 2540C	327448		
35271251004	GW-17	SM 2540C	327448		
35271251005	GW-18	SM 2540C	327448		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35271251006	GW-19	SM 2540C	327448		
35271251007	GW-20	SM 2540C	327449		
35271251008	GW-21	SM 2540C	327449		
35271251009	GW-22	SM 2540C	327449		
35271251010	GW-23	SM 2540C	327449		
35271251011	GW-24	SM 2540C	327449		
35271251012	GW-25	SM 2540C	327449		
35271251013	GW-26	SM 2540C	327449		
35271251014	GW-27R	SM 2540C	327449		
35271251015	Field Blank 10/18/2016	SM 2540C	327449		
35271251016	GW-17DUP	SM 2540C	327449		
35270965001	GW-3	EPA 300.0	326888		
35270965002	GW-4	EPA 300.0	326888		
35270965003	GW-5	EPA 300.0	326888		
35270965004	GW-6	EPA 300.0	326888		
35270965005	GW-7	EPA 300.0	326888		
35270965006	GW-8	EPA 300.0	326888		
35270965007	GW-9	EPA 300.0	326888		
35270965008	GW-10	EPA 300.0	326888		
35270965009	GW-11	EPA 300.0	326888		
35270965010	GW-12	EPA 300.0	326888		
35270965011	GW-13	EPA 300.0	326888		
35270965012	GW-14	EPA 300.0	326889		
35271251001	BGW-1	EPA 300.0	326889		
35271251002	GW-15	EPA 300.0	326889		
35271251003	GW-16	EPA 300.0	326889		
35271251004	GW-17	EPA 300.0	326889		
35271251005	GW-18	EPA 300.0	326889		
35271251006	GW-19	EPA 300.0	326889		
35271251007	GW-20	EPA 300.0	326889		
35271251008	GW-21	EPA 300.0	326889		
35271251009	GW-22	EPA 300.0	326889		
35271251010	GW-23	EPA 300.0	326889		
35271251011	GW-24	EPA 300.0	326889		
35271251012	GW-25	EPA 300.0	326889		
35271251013	GW-26	EPA 300.0	326889		
35271251014	GW-27R	EPA 300.0	326889		
35271251015	Field Blank 10/18/2016	EPA 300.0	326889		
35271251016	GW-17DUP	EPA 300.0	326889		
35270965001	GW-3	EPA 350.1	327769		
35270965002	GW-4	EPA 350.1	327769		
35270965003	GW-5	EPA 350.1	327769		
35270965004	GW-6	EPA 350.1	327769		
35270965005	GW-7	EPA 350.1	327769		
35270965006	GW-8	EPA 350.1	327769		
35270965007	GW-9	EPA 350.1	327769		
35270965008	GW-10	EPA 350.1	327769		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35270965009	GW-11	EPA 350.1	327769		
35270965010	GW-12	EPA 350.1	327769		
35270965011	GW-13	EPA 350.1	327769		
35270965012	GW-14	EPA 350.1	327769		
35271251001	BGW-1	EPA 350.1	328880		
35271251002	GW-15	EPA 350.1	328880		
35271251003	GW-16	EPA 350.1	328880		
35271251004	GW-17	EPA 350.1	328880		
35271251005	GW-18	EPA 350.1	328880		
35271251006	GW-19	EPA 350.1	328880		
35271251007	GW-20	EPA 350.1	328880		
35271251008	GW-21	EPA 350.1	328880		
35271251009	GW-22	EPA 350.1	328880		
35271251010	GW-23	EPA 350.1	328880		
35271251011	GW-24	EPA 350.1	328880		
35271251012	GW-25	EPA 350.1	328880		
35271251013	GW-26	EPA 350.1	328880		
35271251014	GW-27R	EPA 350.1	328880		
35271251015	Field Blank 10/18/2016	EPA 350.1	328880		
35271251016	GW-17DUP	EPA 350.1	328880		
35270965001	GW-3	EPA 353.2	326697		
35270965002	GW-4	EPA 353.2	326697		
35270965003	GW-5	EPA 353.2	326697		
35270965004	GW-6	EPA 353.2	326697		
35270965005	GW-7	EPA 353.2	326697		
35270965006	GW-8	EPA 353.2	326697		
35270965007	GW-9	EPA 353.2	326697		
35270965008	GW-10	EPA 353.2	326697		
35270965009	GW-11	EPA 353.2	326697		
35270965010	GW-12	EPA 353.2	326697		
35270965011	GW-13	EPA 353.2	326697		
35270965012	GW-14	EPA 353.2	326697		
35271251001	BGW-1	EPA 353.2	326919		
35271251002	GW-15	EPA 353.2	326919		
35271251003	GW-16	EPA 353.2	326919		
35271251004	GW-17	EPA 353.2	326919		
35271251005	GW-18	EPA 353.2	326919		
35271251006	GW-19	EPA 353.2	326919		
35271251007	GW-20	EPA 353.2	326919		
35271251008	GW-21	EPA 353.2	326919		
35271251009	GW-22	EPA 353.2	326919		
35271251010	GW-23	EPA 353.2	326919		
35271251011	GW-24	EPA 353.2	326919		
35271251012	GW-25	EPA 353.2	326919		
35271251013	GW-26	EPA 353.2	326919		
35271251014	GW-27R	EPA 353.2	326919		
35271251015	Field Blank 10/18/2016	EPA 353.2	326919		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Landfill

Pace Project No.: 35270965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35271251016	GW-17DUP	EPA 353.2	326919		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	INMARTER COUNTRY LE	Report To:	BOB BEUDET	Attention:	
Address:	333 LINA RD	Copy To:		Company Name:	
Email To:	BEAUBERTON, LE 3-12-11			Address:	
Phone:		Purchase Order No.:		Pace Quote Reference:	
Fax:		Project Name:	LINA RD LE	Pace Project Manager:	
Requested Due Date/TAT:		Project Number:		Pace Profile #:	
				REGULATORY AGENCY	
				NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER	
				UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER <input type="checkbox"/>	
				Site Location STATE: FL	

[illegible]

ORIGINAL

***Important Note:** By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

F-ALL-Q-020rev.07, 15-May-2007



Document Name:
Sample Condition Upon Receipt Form
Document No:
F-FL-C-007 rev. 10

Document Revised:
August 10, 2016
Issuing Authority:
Pace Florida Quality Office

Sam **WO# : 35270965**

Project # **PM: LAP** Due Date: **11/01/16**
Project Manager: **CLIENT: MANCOU**
Client:

Date and Initials of person:

Examining contents: MT

Label: MT

Deliver: MT

pH: MT

Thermometer Used: T-269

Date: 10/18/16

Time: 0030

Initials: MT

Samples shorted to lab (If Yes, complete)

Shorted Date: _____

Shorted Time: _____

Qty: _____

Cooler #1 Temp. °C 0.4 (Visual) +0.2 (Correction Factor) 10.6 (Actual)

Cooler #2 Temp. °C -0.1 (Visual) +0.2 (Correction Factor) 0.1 (Actual)

Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace ☐ Other _____

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ Other _____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals intact: ☐ Yes ☒ No

Ice: Yes Blue None

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____</p>
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

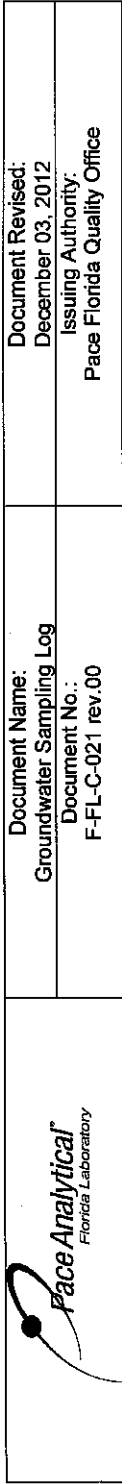
Person Contacted: _____

Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____

Date: _____



Form FD 9000-24

SITE NAME:	LENA VALLE	SITE LOCATION:	MARAYBE, FE
WELL NO:	620-3	SAMPLE ID:	
		DATE:	10/17/10

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT: 0807		SAMPLING ENDED AT: 0817	
PUMP OR TUBING DEPTH IN WELL (feet): 7		TUBING MATERIAL CODE: HAPC		FIELD-FILTERED: Y (N)		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP (Y)		TUBING Y N (replaced)		DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	
	1	PG	1L	COOL	Ø	6.4	PP
	1	1	250ml	HNO3	1	6.3	APP 1, Fe, Mg, Pb
	1	1	250ml	H2SO4	1	6.3	Ascorbic A
	3	CG	40ml	HCl	1	6.3	8400 APP 1
	3	CG	40ml	COOL	1	6.4	8011 GDSB

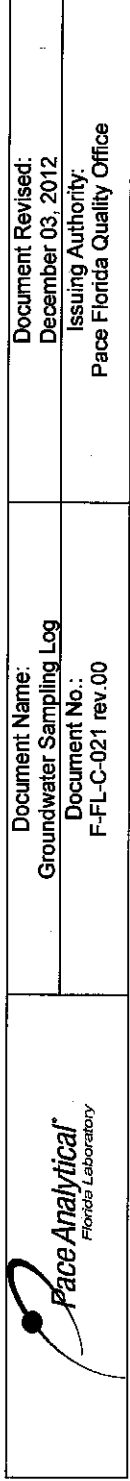
REMARKS:

MATERIAL CODES:	AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. THE ABOVE DO NOT CONSTITUTE ALL OF THE INFORMATION REQUIRED BY CHAPTER 22, ARTICLE 1.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	Little Rd LF	SITE LOCATION:	Manatee, FL
WELL NO:	600-4	SAMPLE ID:	
			DATE:
			10/17/14

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1 1/4"	WELL SCREEN INTERVAL DEPTH: feet to	STATIC DEPTH TO WATER (feet): 7.57	PURGE PUMP TYPE OR BAILER: SP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (19.63 feet - 7.57 feet) X 0.14 gallons/foot = 1.7296 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				

[illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailor; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>0659</i>		SAMPLING ENDED AT: <i>0910</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>			TUBING MATERIAL CODE: <i>HDPE</i>			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N			TUBING Y N <input checked="" type="radio"/> (replaced)			DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	1L	COOL	Ø	6.4	TPS, PBS, CI	PL	300
	1		250ml	HNO3		5.2	APP. Fe, Mn, Hg		
	1		250ml	H2SO4		5.3	Ammonia		
	3	CG	40ml	ICE		5.2	3340 APP. I		
	2	CG	40ml	COOL		6.4	3311 GDB		

REMARKS:

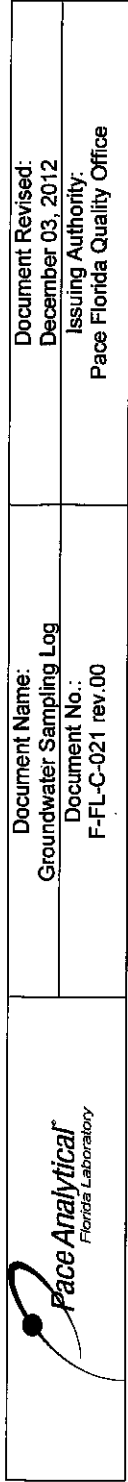
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

- 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)



Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: <u>ISMA RA LR</u>	SITE LOCATION: <u>MANATEE, FL</u>
WELL NO: <u>GW-5</u>	SAMPLE ID: <u></u>
DATE: <u>10/17/16</u>	

PURGING DATA

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	18" = 0.0006;	316" = 0.0014;	14 1/4" = 0.0026;	5 1/16" = 0.004;	3 3/8" = 0.006;	12" = 0.010;	5 1/8" = 0.016		
PURGING EQUIPMENT CODES:	B = Baller;	BP = Bladder Pump;	ESP = Electric Submersible Pump;	PP = Peristaltic Pumping;	O = Other (Specify)				

SAMPLING DATA

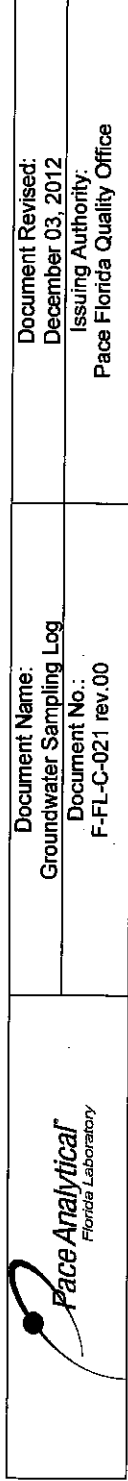
SAMPLED BY (PRINT) / AFFILIATION: <i>James Stock#1521066</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>0953</i>		SAMPLING ENDED AT: <i>1009</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>26</i>		TUBING MATERIAL CODE: <i>HAG6</i>		FIELD-FILTERED: <i>Y</i> <input checked="" type="checkbox"/> <i>D</i>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <i>D</i>		TUBING <i>Y</i> N <i>(replaced)</i>		DUPLICATE: <i>Y</i> <input checked="" type="checkbox"/> <i>N</i>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)			
	1	P6	COOL	0	6.5	PP	300
	1		HNO3		02	APL Fe, Mn, Hg	
	1		H2SO4		02	Ammonia	
	3	C6	AC1		02	S&O APL	
	2	C6	COOL		6.5	SO11 G&B	
REMARKS:							

MATERIAL CODES:	AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

54 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: <u>Long Rd LF</u>	SITE LOCATION: <u>MANATEE, FL</u>
WELL NO: <u>6W-6</u>	SAMPLE ID: <u>1</u>
DATE: <u>10/17/10</u>	

1

[illegible]

1151

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) / SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	1L	COOL	Ø	7.0	560
	1		250ml	HNO3		2.2	
	1		250ml	H2SO4		2.2	
	3	CE	40ml	HCl		2.2	
	2	CE	40ml	COOL		7.0	

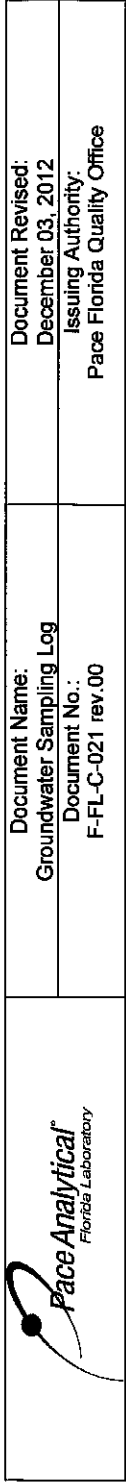
1

Silicone:

Electric \$

2212, SE

 $5 \text{ NTU} \leq \text{NTU} \leq 20 \text{ NTU}$



Form FD 9000-24

SITE NAME:	USDA R&LG	SITE LOCATION:	MANAYTOW, NJ
WELL NO:	600-7	SAMPLE ID:	
		DATE:	10/17/14

PURGING DATA

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.08;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1127</i>		SAMPLING ENDED AT: <i>1138</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>			TUBING MATERIAL CODE: <i>H4PE</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	P6	1L	Cool	0	6.5	TDS, NO ₃ , Cl, PP		
	1	1	250ml	H2O3	1	5.2	As, Pb, Fe, Hg		
	1	1	250ml	H2SO4	1	6.2	Ammonia		
	3	C6	40ml	HCl	1	6.2	8260 As, Pb		
	2	C6	40ml	Cool	1	6.5	5011 Cd, Pb		

REMARKS:

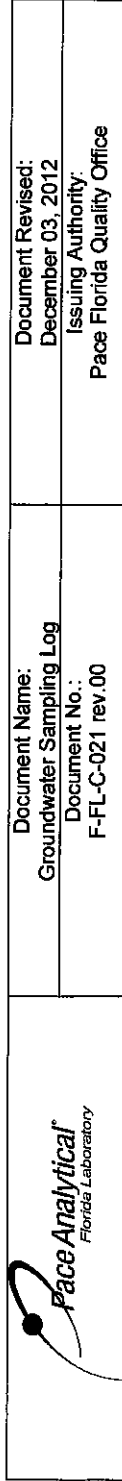
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

- 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

pH: \pm 0.2 units Temperature: \pm 0.2 °C Specific Conductance: \pm 5% Dissolved Oxygen: all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) Turbidity: all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)



Form FD 9000-24

SITE NAME: Luma Rd Lf	SITE LOCATION: MANATEE FL
WELL NO: 6w-8	SAMPLE ID: DATE: 10/17/16

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stocker, DCU</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: <i>1208</i>	SAMPLING ENDED AT:						
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: <i>HAPC</i>	FIELD-FILTERED: Y <i>(N)</i>	FILTER SIZE: _____ μm						
FIELD DECONTAMINATION: PUMP <i>(Y)</i>	TUBING Y N <i>(replaced)</i>	DUPPLICATE: Y <i>(N)</i>							
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml. per minute)			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME				PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH
	1	PC	1L	Cool	Ø	6.8	TS-C1, MS-3	PP	300
	1		250 ml	HNO ₃		6.2	Appl. Ag, Fe, Hg		
	1		250 ml	H ₂ SO ₄		6.9	Ammonia-N		
	3	C6	40 ml	HCl		6.9	8240 Appl.		
	2	C6	40 ml	Cool		6.8	8011 C-PS		

REMARKS:

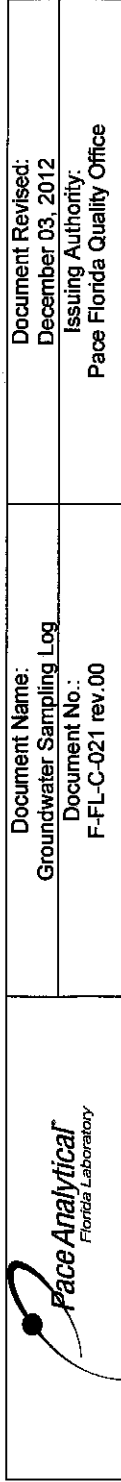
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: LUNA RD LF	SITE LOCATION: MAMMERS FC
WELL NO: 6W-9	SAMPLE ID: DATE: 10/17/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:							
2"	1/4"		9.85	PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.5 PURGING INITIATED AT: 120.5 PURGING ENDED AT: 124.7 TOTAL VOLUME PURGED (gallons): 2.86											
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1239	1.82	1.82	0.13	10.01	6.71	30.22	56.4	0.38	1.98	Clear	none
1243	0.52	2.34	1	10.01	6.70	30.25	56.5	0.36	1.86	1	1
1247	0.52	2.86		10.01	6.71	30.26	56.7	0.35	1.73		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

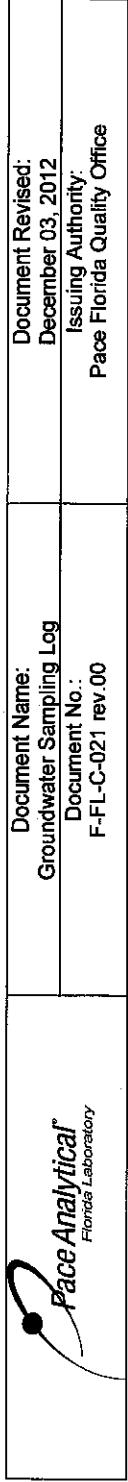
SAMPLED BY (PRINT) / AFFILIATION: <i>Samir's Steel & Weld</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 1248		SAMPLING ENDED AT: 1259	
PUMP OR TUBING DEPTH IN WELL (feet): 11.5		TUBING MATERIAL CODE: H486		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N		TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL) FINAL pH			
	1	PB 1L	COOL	Ø	6.7	PP	300
	1	1 250mL	HNO3	1	6.2	1	1
	1	1 250mL	H2SO4	1	6.2	1	1
	3	CL 40mL	HCl	1	6.2	1	1
	2	CL 40mL	COOL	1	6.7	1	1
REMARKS:							

MATERIAL CODES:	AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $< 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: LENA 2A LF	SITE LOCATION: MANATEE, FL
WELL NO: 6W-10	SAMPLE ID: DATE: 10/17/14

PURGING DATA

[illegible]

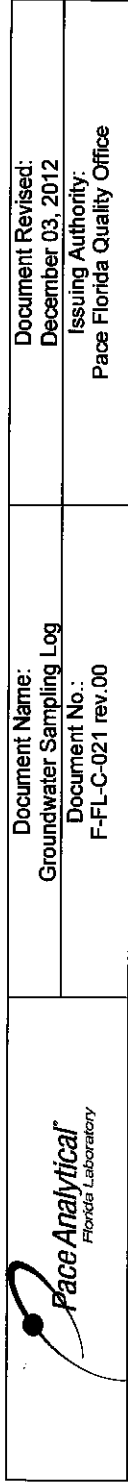
SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stock Brewer</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1335-</i>		SAMPLING ENDED AT: <i>1336</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>12</i>			TUBING MATERIAL CODE: <i>H256</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			SAMPLE PUMP FLOW RATE (mL per minute)
	1	Pt	1L	COOL	0	6.5	AS, ARS, CI	PP	300
	1		250ml	HN03		6.2	APP (As, Fe, Pb)		
	1		250ml	H2SO4		6.2	ANALYSIS		
	3	C6	40ml	HCl		6.2	5000 APP1		
	2	C6	40ml	COOL		6.5	5011 GAB		
REMARKS:									

MATERIAL CODES:	AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

- NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: + 0.2 units **Temperature:** + 0.2 °C **Specific Conductance:** + 5% **Dissolved Oxygen:** all readings \leq 20% saturation (see Table FS 2200-2); optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) **Turbidity:** all readings \leq 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)



Form FD 9000-24

SITE NAME: LEWA RD LG.	SITE LOCATION: MANATEE, FL
WELL NO: 6W-11	SAMPLE ID: DATE: 12/17/14

PURGING DATA

[illegible]

SAMPLING DATA

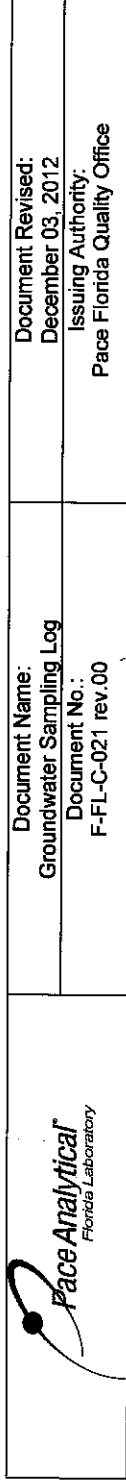
SAMPLED BY (PRINT) / AFFILIATION: <i>Janus Stockdale</i>		SAMPLE PRESERVATION:		SAMPLING INITIATED AT: <i>1/21</i>		SAMPLING ENDED AT: <i>1432</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>8</i>		TUBING MATERIAL CODE: <i>HAC</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y N <input checked="" type="checkbox"/> <input type="checkbox"/>		DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	Pt	1L	COOL	Ø	6.6	300
	1	1	250ml	HNO3	1	6.2	1
	1		250ml	H2SO4	1	6.2	1
	3	CG	40ml	HCl	1	6.2	1
	2	CG	40ml	COOL	1	6.6	1
REMARKS:							

MATERIAL CODES:	AG = Amber Glass;	CG = Clear Glass;	PE = Polyethylene;	PP = Polypropylene;	S = Silicone;	T = Teflon;	O = Other (Specify)
-SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump;	B = Bailor;	BP = Bladder Pump;	ESP = Electric Submersible Pump;			
ag	RFPF = Reverse Flow Peristaltic Pump;	SM = Straw Method (Tubing Gravity Drain);	O = Other (Specify)				

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: + 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally + 5 NTU or + 10% (whichever is greater)



Form FD 9000-24

SITE NAME:	LEWA RD 2F	SITE LOCATION:	MANABOTO, FL
WELL NO:	LOW-12	SAMPLE ID:	
			DATE:
			10/17/14

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stock SR, DNR</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1756</i>		SAMPLING ENDED AT: <i>1507</i>					
PUMP OR TUBING DEPTH IN WELL (feet): <i>11</i>		TUBING MATERIAL CODE: <i>4DR6</i>		FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: <i>_____</i> μ m					
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N <input type="radio"/>		TUBING Y <input type="radio"/> N <input checked="" type="radio"/> (replaced)		DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>							
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (ml. per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
	1	PC	1L	COOL	\emptyset	6.4	TDS 203 C1		PP		300
	1	1	250ml	HNO3	1	6.2	App 1, Na, Fe, H		1		
	1	1	250ml	H2SO4	1	6.2	Ammonia		1		
	3	CC	40ml	HCl	1	6.2	2240 App 1		1		
	3	CC	40ml	COOL	1	6.4	5011 G-DB		1		

REMARKS:

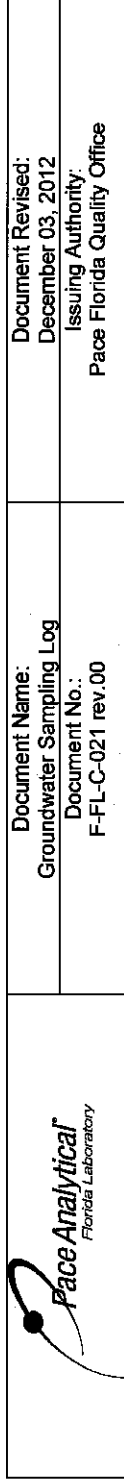
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $< 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24


SITE NAME:	LENA RD LC	SITE LOCATION:	MANATEE, FL
WELL NO:	6W-13	SAMPLE ID:	
		DATE:	10/17/12

PURGING DATA

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		
PURGING EQUIPMENT CODES:	B = Bailor;	BP = Bladder Pump;	ESP = Electric Submersible Pump;	PP = Peristaltic Pump;	O = Other (Specify)				

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: <i>1526</i>		SAMPLING ENDED AT: <i>1537</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>12</i>			TUBING MATERIAL CODE: <i>HSP</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PG	12	COOL	0	6.7	TDS, NO ₃ , Cl		PP
	1	1	250 mL	HA03	1	5.2	As, Fe, H ₂ O ₂		1
	1	1	250 mL	HA204	1	5.2	Ammonia		1
	3	Ca	40 mL	HA1	1	5.2	8260 App 1		1
	2	Ca	40 mL	COOL	1	6.7	8011 6035		1

REMARKS:

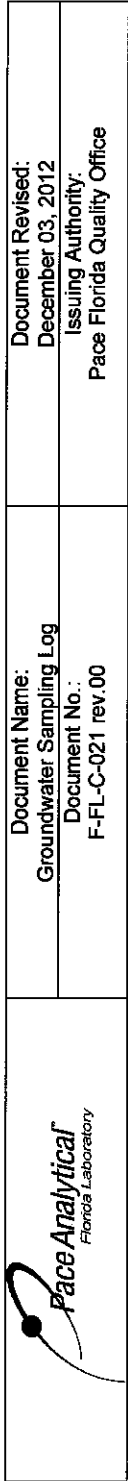
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

-SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

62 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $< 20\%$ saturation (see Table FS 2200-2) optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



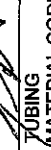
Form FD 9000-24

SITE NAME:	LENA RD Lr	SITE LOCATION:	MANATEE, FL
WELL NO:	GWS-14	SAMPLE ID:	
		DATE:	10/17/14

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: James Stockbridge			SAMPLE(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1602			SAMPLING ENDED AT: 1613		
PUMP OR TUBING DEPTH IN WELL (feet): 7			TUBING MATERIAL CODE: HAPC			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>			FILTER SIZE: _____ μ m		
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> DISPOSAL <input type="radio"/>			TUBING Y <input checked="" type="radio"/> N <input type="radio"/> (replaced)			DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					SAMPLE PUMP FLOW RATE (mL per minute)
	1	PG	1L	COOL	Ø	6.5	TAS, NO3, CI		PP		300
	1	1	200mL	HNO3	1	5.2	APP 1, NH4, Fe, H3		1		1
	1	1	200mL	H2SO4	1	5.2	Ammonia		1		1
	3	CG	40mL	HCl	1	5.2	SALCO APP 1		1		1
	2	CG	40mL	COOL	1	6.5	SOL 1, NO3		1		1
REMARKS:											

MATERIAL CODES:	AG = Amber Glass;	CG = Clear Glass;	PE = Polyethylene;	PP = Polypropylene;	S = Silicone;	T = Teflon;	O = Other (Specify)
SAMPLING EQUIPMENT CODES:	APP = After Peristaltic Pump;	B = Bailer;	BP = Bladder Pump;	ESP = Electric Submersible Pump;			
	RFPP = Reverse Flow Peristaltic Pump;	SM = Straw Method (Tubing Gravity Drain);	O = Other (Specify)				

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>Mountain County Landfill</u> Address: <u>353 Lona Rd</u> Email To: <u>BEADUNTON, R 34211</u> Phone: _____ Fax: _____ Requested Due Date/TAT: _____		Section B Required Project Information: Report To: <u>BOB BENNETT</u> Copy To: _____ Purchase Order No.: _____ Project Name: <u>LONA RD LF</u> Project Number: _____		Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: <u>LOUI PARRIN</u> Pace Profile #: <u>8100 Lona</u>	
Regulatory Agency: _____ NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____		Site Location: _____ STATE: <u>NE</u>			

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE DW WT WW P SL OL WP AR TS OT	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP) (see valid codes to left)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↑ Y/N ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB					DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ O ₃	Methanol	Other				
1	GW-24					WT G																
2	GW-27R						6/10/14 1539															
3	Field Blank						7 1625															
4	Field Dup.						1600															
5							0930															
6	TRIP BLANKS								3													
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS				
	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Temp in °C	Received on	Sealed Cooler	Custody	Samples Intact
													1.5	4	N	N	Y
													2.0				
													1.5				
													21.0				



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 10

Document Revised:
August 10, 2016
Issuing Authority:
Pace Florida Quality Office

Sample #

WO#: 35271251

Project #

Project Manager: PM: LAP

Due Date: 11/02/16

Client: CLIENT: MANCOU-SW

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Thermometer Used:

Date:

Time:

Initials:

Samples shorted to lab (If Yes, complete)

Shorted Date:

Shorted Time:

Qty:

Cooler #1 Temp. °C 1.3 (Visual) 10.2 (Correction Factor) 1.3 (Actual)
Cooler #2 Temp. °C 1.3 (Visual) 10.2 (Correction Factor) 2.0 (Actual)
Cooler #3 Temp. °C 1.3 (Visual) 10.2 (Correction Factor) 1.5 (Actual)
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

☐ Samples on ice, cooling process has begun
☐ Samples on ice, cooling process has begun
☐ Samples on ice, cooling process has begun
☐ Samples on ice, cooling process has begun
☐ Samples on ice, cooling process has begun
☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals intact: ☒ Yes ☐ No

Ice: Wet Blue None

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<p>Preservation Information: Preservative: _____ Lot #/Trace # _____ Date: _____ Time: _____ Initials: _____</p>
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

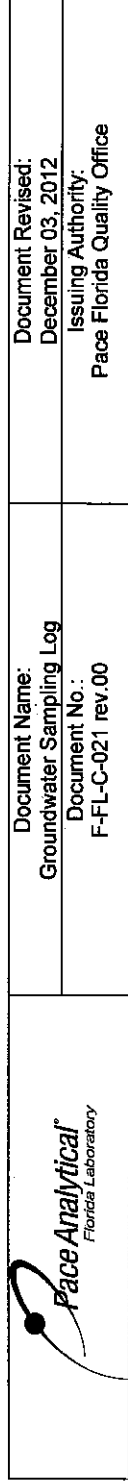
Person Contacted:

Date/Time:

Comments/ Resolution (use back for additional comments):

Project Manager Review:

Date:



Form FD 9000-24

SITE NAME: LENA RA LF	SITE LOCATION: MANITOBA, FC
WELL NO: B6W-1	SAMPLE ID: DATE: 10/16/14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	" "	WELL SCREEN INTERVAL DEPTH:	feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:			
2	1/4	1/4	DEPTH: 	- STATIC DEPTH TO WATER)	X WELL CAPACITY	PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X TUBING LENGTH + FLOW CELL VOLUME									
(only fill out if applicable)									
= (20.3 feet - 6.35 feet) X 0.16 gallons/foot = 2.232 gallons									
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME									
(only fill out if applicable)									
gallons ÷ (gallons/foot X feet) = TOTAL VOLUME PURGED (gallons): 3.08									
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	CUMUL. VOLUME PURGED (gallons)	VOLUME PURGED (gallons)	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):			
TIME				pH (standard units)	TEMP. (°C) COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0717	2.40	2.40	0.20	6.04	26.68	470	0.46	2.80	BROWN
0720	0.60	3.00	1	6.06	26.70	968	0.45	2.73	
0723	0.60	3.60		6.07	26.72	470	0.44	2.67	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)									

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PLS	1L	COO-	Ø	6.0	300
	1	1	250ml	HNO3	1	<2	1
	1	1	250ml	H2SO4	1	<2	1
	3	CG	40ml	HCl	1	<2	1
	2	CG	40ml	COO-	1	6.0	1

REMARKS:

REMARKS:

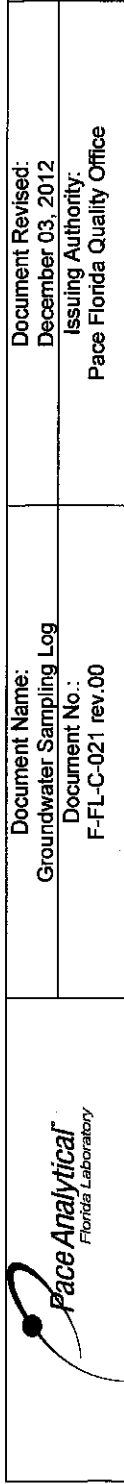
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: <u>LENG RD CC</u>		SITE LOCATION: <u>MANITOWA, WI</u>	
WELL NO: <u>303 BW-15</u>		SAMPLE ID: _____	
		DATE: <u>10/18/14</u>	

PURGING DATA

WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 1 7/8"		WELL SCREEN INTERVAL DEPTH: 1/4"		STATIC DEPTH TO WATER: 7.25'		PURGE PUMP TYPE OR BAILER: PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (20' - 7.25') X 0.16' = 2.04' gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME * (TUBING CAPACITY / TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
= gallons * (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9		PURGING INITIATED AT: 0745		PURGING ENDED AT: 0809		TOTAL VOLUME PURGED (gallons): 3.12			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0801	2.08	2.08	0.13	7.31	6.33	25.80	816	0.15	1.90	Clear	nvt
0805	0.52	2.60	1	7.31	6.34	25.83	815	0.14	1.87	1	1
0809	0.52	3.12	1	7.31	6.35	25.86	816	0.13	1.84		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT): <i>Samus Stockbridge</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 0810		SAMPLING ENDED AT: 0821		
PUMP OR TUBING DEPTH IN WELL (feet): 9		TUBING MATERIAL CODE: <i>HAPB</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μm		
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y N (replaced)		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>				
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)			
	1	PB	1L	COOL	0	6.3	7AS, NO3 CI	PP
	1	1	250ml	HNO3	1	6.3	APPL, Na, Fe, Hg	1
	1	1	250ml	H2SO4	1	6.3	Ammonia	1
	3	CG	40ml	HCl	1	6.3	5260 APPL	1
	2	CG	40ml	COOL	1	6.3	8041 GRAB	1
REMARKS:								

REMARKS:

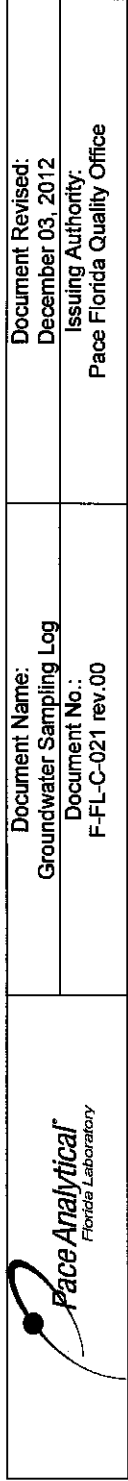
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES:
 APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	USNA Rd LF	SITE LOCATION:	MANATEE FL
WELL NO:	GW-16	SAMPLE ID:	
		DATE:	10/18/16

1800

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	1 1/4"		3.23	PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (20.15 feet - 3.23 feet) X 0.16 gallons/foot = 1.9072 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= () gallons + () gallons/foot X () feet + () gallons				

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: **B** = Bailier; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: <i>Sam's Stockbridge</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 0750		SAMPLING ENDED AT: 0707	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>		TUBING MATERIAL CODE: <i>HAB</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y N <input checked="" type="checkbox"/> (replaced)		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PC	1L	COOL	0	6.7	300
	1	1	250ml	HNO3	1	6.2	1
	1	1	250ml	H2SO4	1	6.2	1
	3	CG	40ml	HCl	1	6.7	1
	2	CG	40ml	COOL	1	6.7	1

1000

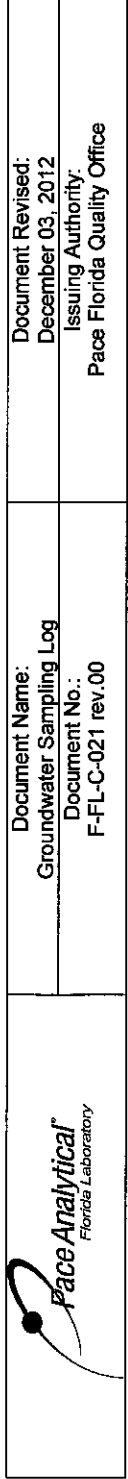
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2) optionally, $+0.2\text{ mg/L}$ or $+10\%$ (whichever is greater) **Turbidity:** all readings $< 20\text{ NTU}$; optionally $+5\text{ NTU}$ or $+10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LONG RD LE	SITE LOCATION:	MANATEE FL
WELL NO:	GW-17/ADP	SAMPLE ID:	
		DATE:	10/18/14

PURGING DATA

WELL DIAMETER (inches):	2"	TUBING DIAMETER (inches):	1 1/4	WELL SCREEN INTERVAL DEPTH: feet to	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY						
(only fill out if applicable)						
$= (20.80 \text{ feet} - 8.05 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.0352 \text{ gallons}$						
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME						
(only fill out if applicable)						
$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$						

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75 ³³ = 0.02;	1 ³³ = 0.04;	1.25 ³³ = 0.06;	2 ³³ = 0.16;	3 ³³ = 0.37;	4 ³³ = 0.65;	5 ³³ = 1.02;	6 ³³ = 1.47;	12 ³³ = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 0930		SAMPLING ENDED AT: 0952	
PUMP OR TUBING DEPTH IN WELL (feet): 10			TUBING MATERIAL CODE: H2504			FIELD-FILTERED: Y <input checked="" type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> (replaced)			DUPLICATE: <input checked="" type="checkbox"/>		N	
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
	2	PS	1L	COOL	Ø	5.4	H2503, 01	AP	300
	3	1	250ml	H2503	1	6.2	AP, 1, 1, 1, 1, 1, 1	1	
	2		250ml	H2504	1	6.2	Ammonia	1	
	4	CL	40ml	H251	1	6.2	2500 AP1	1	
	4	CL	40ml	COOL	1	5.4	2500 B03	1	

REMARKS:

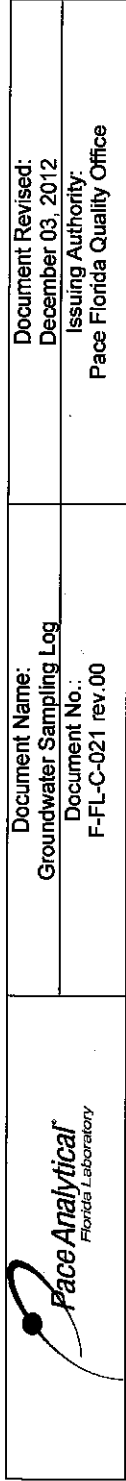
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	25 WA RD LF	SITE LOCATION:	MANTON, FL
WELL NO:	6W-18	SAMPLE ID:	
		DATE:	10/18/16

PURGING DATA

WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to		STATIC DEPTH TO WATER (feet): 8.68	PURGE PUMP TYPE OR BAILER: PP					
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
= (20.150 feet - 8.68 feet) X 0.14 gallons/foot = 1.8712 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
= gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):							
10	10	0955	1018	299							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm. or μS/cm.	DISSOLVED OXYGEN (circle units) % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1010	1.95	1.95	0.13	9.24	6.37	26.54	466	0.12	2.04	CLUMP	NONE
1014	0.53	2.47	1	9.24	6.36	26.58	467	0.10	1.98	1	1
1018	0.52	2.99	1	9.24	6.37	26.60	466	0.08	1.74		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

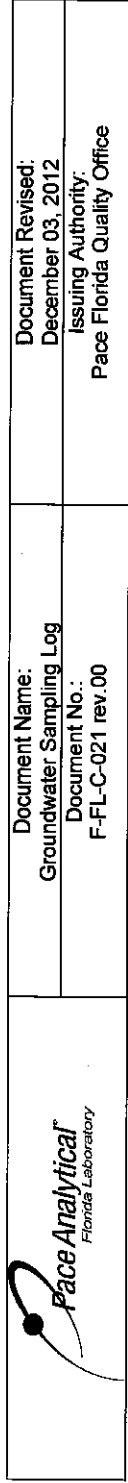
SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLE(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>10/9</i>		SAMPLING ENDED AT: <i>10:50</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>			TUBING MATERIAL CODE: <i>14286</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> <i>(replaced)</i>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
	1	Pb	1L	Cool	0	6.3	PBS, NO ₃ -C	PP	300
	1		250mL	HNO ₃	1	6.2	APPL, NO ₃ -C, H ₂ O ₂	1	
	1		250mL	14280Y	1	6.2	Ammonia	1	
	3	CC	40mL	HCl	1	6.2	Seaw APPL	1	
	2	CC	40mL	Cool	1	6.3	Seaw OD-B	1	
REMARKS:									

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RPPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	CRNA RD LF.	SITE LOCATION:	MANATEE, FL
WELL NO:	305 600-20 ^{W-19} CW-19	SAMPLE ID:	
		DATE:	10/18/14

PURGING DATA

WELL DIAMETER (inches)	TUBING DIAMETER (inches)	WELL SCREEN INTERVAL DEPTH: feet to	STATIC DEPTH TO WATER (feet)	PURGE PUMP TYPE OR BAILER:						
2"	1/4"			PP						
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (20.75 \text{ feet} - 8.96 \text{ feet}) \times 0.16 \frac{\text{gallons}}{\text{foot}} = 1.7904 \text{ gallons}$										
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)										
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	A	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	I/L	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	ODOR (describe)			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)
10:19	1.82	1.82	0.13	9.04	5.61	28.80	134	0.11	3.21	orange
10:53	0.52	2.34		9.04	5.60	27.83	135	0.08	3.17	
10:57	0.52	2.86		9.04	5.59	27.84	134	0.07	3.09	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88										
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016										
PURGING EQUIPMENT CODES: B = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)										

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>			SAMPLER(S) / SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1058		SAMPLING ENDED AT: 1109	
PUMP OR TUBING DEPTH IN WELL (feet): 21			TUBING MATERIAL CODE: HVC			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N <input type="radio"/>			TUBING Y N <input checked="" type="radio"/> <input type="radio"/>			DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
	1	PC	1L	COA	Ø	5.4	PP	300	
	1	1	250mL	H2O3	1	5.2	1	1	
	1	1	250mL	H2SO4	1	5.2	1	1	
	3	CC	40mL	HCl	1	5.9	1	1	
	2	CC	40mL	COA	1	5.4	1	1	
REMARKS:									

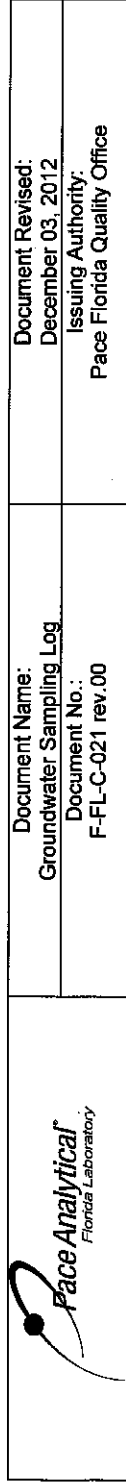
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LEWA RD LF	SITE LOCATION:	MARATHI FZ
WELL NO:	6W-20	SAMPLE ID:	
		DATE:	10/18/14

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Samus STECKE 1860</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1137</i>		SAMPLING ENDED AT: <i>1148</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>M</i>			TUBING MATERIAL CODE: <i>HAPV</i>			FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>			TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (ml. per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PG	1L	COR	0	6.3	TS, NO3, Cl	PL	300
	1	1	200ml	HNO3	1	6.2	APPL, LIFE, HS	1	
	1		250ml	H2SO4	1	6.2	Ammonia	1	
	3	CL	70ml	HCl	1	6.2	8260 APPL	1	
	2	CL	70ml	COOL	1	6.3	8011 6-03	1	
REMARKS:									

REMARKS:

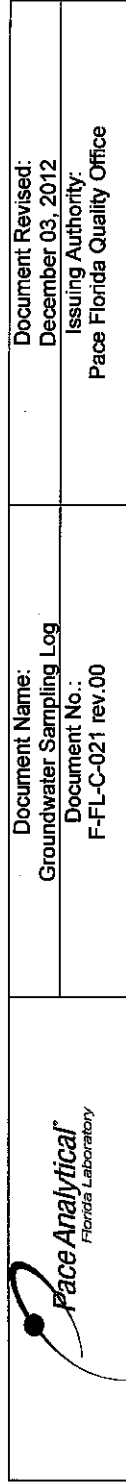
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES:
APP = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
RFP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **SO** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $< 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LYMA RD. LF	SITE LOCATION:	MANTOE FR
WELL NO:	6W-21	SAMPLE ID:	
			DATE: 10/18/16

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stock B34106</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1213</i>		SAMPLING ENDED AT: <i>1234</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>14</i>			TUBING MATERIAL CODE: <i>HAB6</i>			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N <input type="radio"/>			TUBING Y <input type="radio"/> N <input checked="" type="radio"/> (replaced)			DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
	1	AB	1L	COOL	0	6.0	PS	300	
	1	1	250ml	H2O3	1	5.2	APPL na.F.H.s	1	
	1	1	250ml	H2O4	1	5.2	Ammonia	1	
	3	CL	40ml	HCl	1	5.2	8460 APP 1	1	
	2	CL	40ml	COOL	1	6.0	804 COB	1	
REMARKS:									

REMARKS:

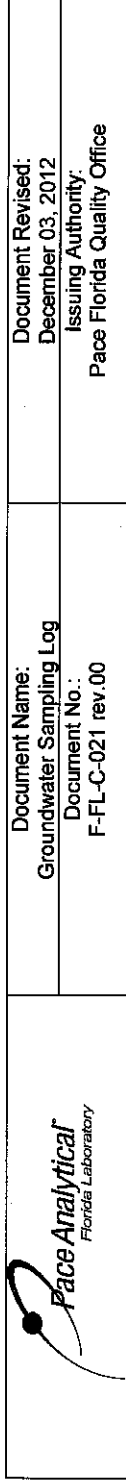
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES:
APP = After Peristaltic Pump; **B** = Bailor; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
RPPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LONG RAIL	SITE LOCATION:	MANATOWIS
WELL NO:	6W-22	SAMPLE ID:	
		DATE:	10/18/10

PURGING DATA

WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 1/4"		WELL SCREEN INTERVAL DEPTH: feet to		STATIC DEPTH TO WATER (feet): 12.70		PURGE PUMP TYPE OR BAILER: PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY											
(only fill out if applicable)											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY											
(only fill out if applicable)											
= gallons + (gallons/foot X feet) + gallons =											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17		PURGING INITIATED AT: 12.30		PURGING ENDED AT: 12.45		TOTAL VOLUME PURGED (gallons): 2.34			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1242	1.54	1.54	0.13	12.80	5.82	26.80	517	0.13	3.15	0.4-0.6	NO-odor
1245	0.39	1.95	1	12.80	5.81	26.81	518	0.10	3.09	1	1
1248	0.39	2.34		12.80	5.82	26.83	520	0.08	3.03		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 1249		SAMPLING ENDED AT: 1300	
PUMP OR TUBING DEPTH IN WELL (feet): 14				TUBING MATERIAL CODE: <i>H46</i>				FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N <input type="radio"/>				TUBING Y <input checked="" type="radio"/> N <input type="radio"/> (replaced)				DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH		
	1	P6	1L	Cool	0	5.8	PP	500			
	1	1	250ml	H403	1	6.2	APL 1, 4, 6, 7, 8	1			
	1	1	250ml	H204	1	6.2	Ammonia	1			
	3	C6	40ml	H401	1	6.2	8000 APL	1			
	2	C6	40ml	Cool	1	5.8	8011 & A13	1			
REMARKS:											

REMARKS:

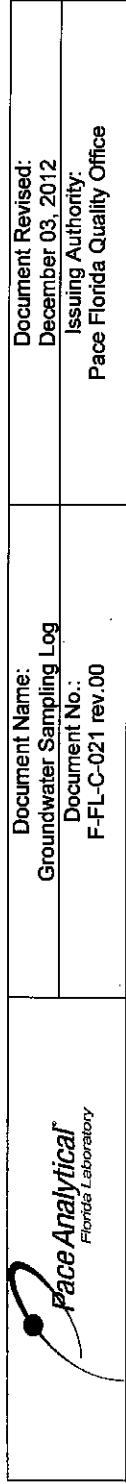
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LEWA ROLF.	SITE LOCATION:	MOUNTED, R
WELL NO:	6w-23	SAMPLE ID:	
		DATE:	10/18/14

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1 1/4"	WELL SCREEN INTERVAL DEPTH: 14 feet to	STATIC DEPTH TO WATER (feet): 257	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (20.30 feet - 8.57 feet) X 0.16 gallons/foot = 1.8768 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
= () gallons + () gallons/foot X () feet + () gallons = () gallons				

[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE D.I.A. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: <i>1334</i>	SAMPLING ENDED AT: <i>1345</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>	TUBING MATERIAL CODE: <i>HALF</i>	FIELD-Filtered: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____ μ m
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>	TUBING Y N (replaced)	Duplicate: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED			
	1	PG	1L	CDC	Ø	6.5	300
	1		250mL	HNO3		6.2	
	1		250mL	H2SO4		6.2	
	3	CG	40mL	HCl		6.2	
	3	CG	40mL	CDC		6.5	

REMARKS:

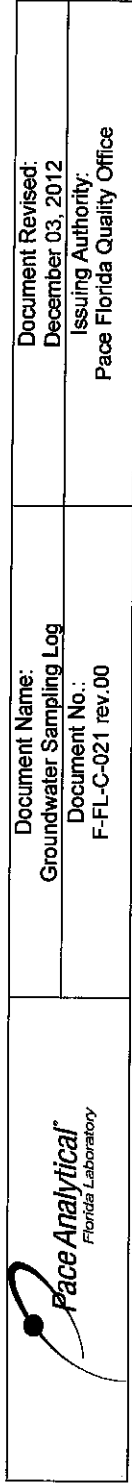
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; RPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: Luna Rd LF	SITE LOCATION: Mantua, IL
WELL NO: GW-24	SAMPLE ID: DATE: 10/18/16

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER'S SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION:		PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	Pb	1L	COOL	0	6.3	TDS, Pb, Cd, PP
	1		20mL	H203	1	5.2	As, Pb, Cu, Fe, Hg
	1		250mL	H2504	1	5.2	Ammonia
	3	C6	40mL	H01	1	5.3	5000 As, Pb
	2	C6	40mL	COOL	1	6.3	5011 GAD3

REMARKS:

REMARKS:

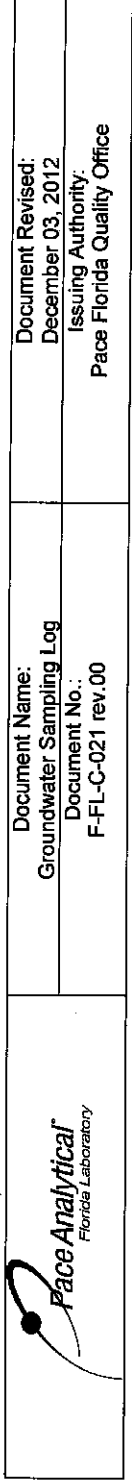
MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES:
 APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME:	LONG RD CF	SITE LOCATION:	MANASSAS, VA
WELL NO:	GW-25	SAMPLE ID:	
		DATE:	10/18/16

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockbridge</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1957</i>		SAMPLING ENDED AT: <i>1970</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>		TUBING MATERIAL CODE: <i>HAR</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/> (replaced)		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)		
	1	Pc	1L	CoCl ₂	0	6.2	TDS, NO ₃ -N, PP
	1	1	250ml	HNO ₃	1	6.2	APP / NO ₃ -N, Fe, Pb
	1	1	250ml	H ₂ SO ₄	1	6.2	Ammonia
	3	CG	40ml	HCl	1	6.2	2040 APP /
	2	CG	40ml	CoCl ₂	1	6.2	2011 GD.3
REMARKS:							

REMARKS:

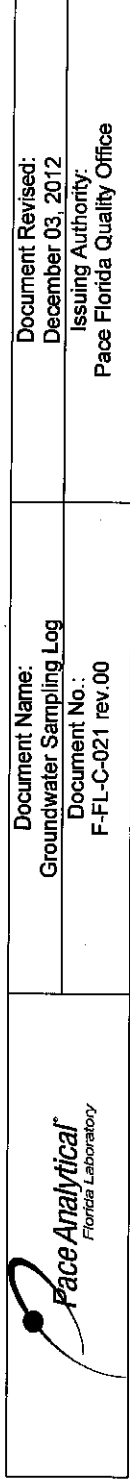
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: Luna Rd LG	SITE LOCATION: MANATEE, FL	DATE: 10/28/14
WELL NO: CW-24	SAMPLE ID:	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>James Stockischiago</i>		SAMPLER(S) / SUCROTURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <i>1539</i>		SAMPLING ENDED AT: <i>1550</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>10</i>		TUBING MATERIAL CODE: <i>HAR</i>		FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>		FILTER SIZE: <i>_____</i> μ m	
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> <i>N</i> <input type="radio"/>		TUBING <i>Y</i> <input type="radio"/> <i>N</i> <input checked="" type="radio"/> <i>(replaced)</i>		DUPLICATE: <i>Y</i> <input type="radio"/> <i>N</i> <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			ANALYSIS AND/OR METHOD	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL pH	
	1	PC	1L	COOL	0	6.1	TS 1003 C1
	1	1	250mL	H2O3	1	5.2	APPL, Mn, Fe, H ₂
	1	1	250mL	H2SO4	1	5.2	Ammonia
	3	CG	40mL	HCl	1	5.2	Salv Appl
	2	CG	40mL	COOL	1	6.1	3011 & DB
REMARKS:							

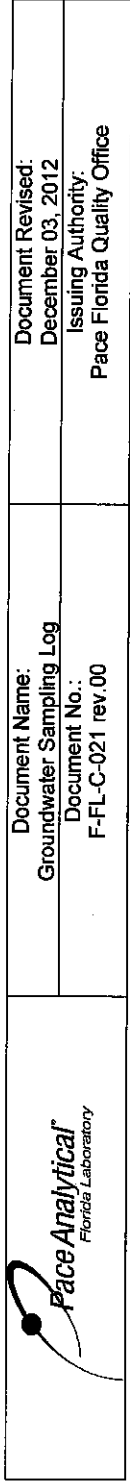
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: <u>LENA RD LF</u>	SITE LOCATION: <u>MANTREE, FE</u>
WELL NO: <u>6W-27R</u>	SAMPLE ID: _____
DATE: <u>10/15/14</u>	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION:		PUMP		TUBING		DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLE PUMP FLOW RATE (mL per minute)
	1	P65	1L	COOL	6	6.5	300
	1	1	250ml	HW03	1	5.2	1
	1	1	250ml	H2SO4	1	5.2	1
	3	CG	40ml	HCl	1	5.2	1
	2	CG	40ml	COOL	1	6.5	1

REMARKS:

REMARKS:

MATERIAL CODES:

AG = Amber Glass:

Clear Glass:

PE = Polyethylene:

PP = Polypropylene

S = Silicone. T =

Flon: 0 = Other /

5

SAMPLING EQUIPMENT CODES:

APP = After Peristaltic Pump

B = Bailor:

= Bladder Pump:

ESP = Electric Submer-

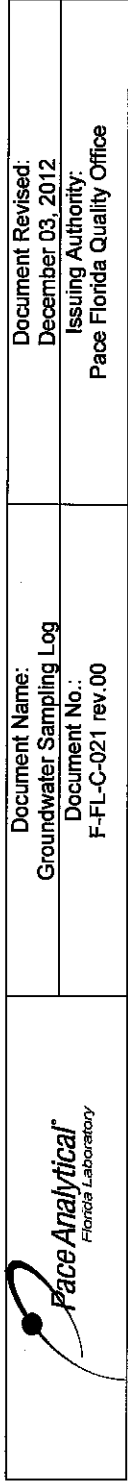
le Piume.

3

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)



Form FD 9000-24

SITE NAME: <i>LOWA RA. LF</i>	SITE LOCATION: <i>MANATEE, FL</i>
WELL NO: <i>FORD BRANK</i>	SAMPLE ID: DATE: <i>10/18/16</i>

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>SAM'S STOCKBRIDGE</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <i>1600</i>		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE:			FIELD-FILTERED: Y N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION:			PUMP Y N			TUBING Y N (replaced)		DUPLICATE: Y N	
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)				FINAL pH
	1	P5	1L	COOL	Ø		705, NO3, Cl	FF-503	
	1	1	250ml	H2SO4	1		AP, Na, Fe, Hg		
	1	1	250ml	H2SO4	1		Ammonia-N		
	3	CG	40ml	HCl	1		S&V APP1		
	2	CG	40 ml	COOL	1		SVI GDS		
REMARKS:									

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; REPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

- NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)