Antea USA, Inc.
5910 Rice Creek Parkway, Suite 100
St. Paul, MN 55126 USA
www.anteagroup.com

April 2, 2014

First Baptist Church
[redacted]
1756 West State Route 113
Kankakee, IL 60901

RE: Well Water Sampling Event – Laboratory Test Results

Dear Mr. Albers:

On behalf of Wood River Pipe Lines LLC (Wood River), Antea®Group would like to thank for your cooperation in allowing Antea Group to collect water samples from the water supply well at your residence. The water samples were collected in response to the pipeline spill site near Route 113, Kankakee, Illinois in order to confirm that petroleum products have not impacted your well water. Samples were collected from the well located on your property on March 15, 18, 20, 24, and 26, 2014.

Enclosed for your information are the test results from your well water. We are pleased to report that no benzene, toluene, ethylbenzene or xylenes (collectively, BTEX) or other common petroleum constituents were found in your well water and that the test results meet Illinois Environmental Protection Agency (IEPA) Class I Groundwater Standards for drinking water.

The presence of chloroform in your well is not associated with petroleum products. However, the chloroform concentration is above the IEPA drinking water standard. Shortly, the Illinois Department of Public Health (IDPH) will send you a letter providing toxicological interpretation of your well sampling results, in order to explain whether or not there might be any health implications from these results and provide any recommendations for further testing of your water well.

If you desire further explanation of these results, or if you have additional questions regarding the water testing procedures, please contact Dr. Tom Baughman at the Illinois Department of Public Health at (630) 293-6800 or Mike Norris, Wood River District Right-of-Way Agent at (219) 313-5321. With your permission, we may periodically request to re-sample your well in the future. We thank you for your participation in the well water sampling program.

If you would prefer results being sent to you via email versus Fed Ex, please contact Beth Helgeson of Antea Group at (800) 477-7411.

Sincerely,

Kendall Rannaoja
Senior Project Manager
kendall.rannaoja@anteagroup.com
Antea Group

Enclosures

cc: Jeff W. Brudereck, Wood River, Remediation Manager
Michael R. Norris, Wood River - District Right-of-Way Agent
Craig Thomas, USEPA Region 5
Mark Retzlaff, IEPA
John Bevis, Kankakee County Health Department
Bonnie Schaafsma, Kankakee County Health Department
Dr. Tom Baughman, Illinois Department of Public Health

RESIDENTIAL GROUNDWATER ANALYTICAL DATA - VOC
ROUTE 113 RELEASE
KANKAKEE, ILLINOIS

Sample I.D.	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylene (Total) (ug/L)	Methyl-tert-butyl ether (ug/L)	Naphthalene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)
IEPA Class I		**5**	**1000**	**700**	**10000**	**70**	**140**	**NGV**	**NGV**
USEPA MCL		**5**	**1000**	**700**	**10000**	**NGV**	**NGV**	**NGV**	**NGV**
1756 Route 113	3/15/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1756 Route 113	3/18/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1756 Route 113	3/20/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1756 Route 113	3/24/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1756 Route 113	3/26/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Analytical Notes:

These compounds represent eight (8) of the most common petroleum product constituents. For the full list of compounds that were analyzed, please consult the attached laboratory data package.

VOC = Volatile Organic Compounds

IEPA = Illinois Environmental Protection Agency

Groundwater Quality Standards for Class I: Potable Resource Groundwater

USEPA = United States Environmental Protection Agency

MCL = Maximum Contaminant Level

ug/l= micrograms per liter

< = Not detected at or above indicated laboratory reporting limit

NGV = No given value

NA = Not Analyzed

Results in bold exceed applicable action limits

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 20, 2014

Ms. Amy Wrigley
ANTEA USA
1323 Bond Street
Suite 111
Naperville, IL 60563

Project ID: Route 113 Release
First Environmental File ID: 14-1179
Date Received: March 16, 2014

Dear Ms. Amy Wrigley:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003363: effective 02/18/2014 through 02/28/2015.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

ANTEA USA

Lab File ID: **14-1179**

Project ID: **Route 113 Release**

Date Received: **March 16, 2014**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
14-1179-004	1756 W Route 113	03/15/14 17:15

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	N	Analyte is not part of our NELAC accreditation.
E	Estimated result; concentration exceeds calib range.	P	Chemical preservation pH adjusted in lab.
G	Surrogate recovery outside control limits.	Q	Result was determined by a GC/MS database search.
H	Analysis or extraction holding time exceeded.	S	Analysis was subcontracted to another laboratory.
J	Estimated result; concentration is less than routine RL but greater than MDL.	W	Reporting limit elevated due to sample matrix.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 W Route 113
Sample No: 14-1179-004

Date Collected: 03/15/14
Time Collected: 17:15
Date Received: 03/16/14
Date Reported: 03/18/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/16/14				
Benzene	< 0.5	0.5	ug/L	
Bromobenzene	< 0.5	0.5	ug/L	
Bromochloromethane	< 0.5	0.5	ug/L	
Bromodichloromethane	< 0.5	0.5	ug/L	
Bromoform	< 0.5	0.5	ug/L	
Bromomethane	< 0.5	0.5	ug/L	
n-Butylbenzene	< 0.5	0.5	ug/L	
sec-Butylbenzene	< 0.5	0.5	ug/L	
tert-Butylbenzene	< 0.5	0.5	ug/L	
Carbon tetrachloride	< 0.5	0.5	ug/L	
Chlorobenzene	< 0.5	0.5	ug/L	
Chloroethane	< 0.5	0.5	ug/L	
Chloroform	< 0.5	0.5	ug/L	
Chloromethane	< 0.5	0.5	ug/L	
2-Chlorotoluene	< 0.5	0.5	ug/L	
4-Chlorotoluene	< 0.5	0.5	ug/L	
1,2-Dibromo-3-chloropropane	< 0.5	0.5	ug/L	
Dibromochloromethane	< 0.5	0.5	ug/L	
1,2-Dibromoethane (EDB)	< 0.5	0.5	ug/L	
Dibromomethane	< 0.5	0.5	ug/L	
1,2-Dichlorobenzene	< 0.5	0.5	ug/L	
1,3-Dichlorobenzene	< 0.5	0.5	ug/L	
1,4-Dichlorobenzene	< 0.5	0.5	ug/L	
Dichlorodifluoromethane	< 0.5	0.5	ug/L	
1,1-Dichloroethane	< 0.5	0.5	ug/L	
1,2-Dichloroethane	< 0.5	0.5	ug/L	
1,1-Dichloroethene	< 0.5	0.5	ug/L	
cis-1,2-Dichloroethene	< 0.5	0.5	ug/L	
trans-1,2-Dichloroethene	< 0.5	0.5	ug/L	
1,2-Dichloropropane	< 0.5	0.5	ug/L	
1,3-Dichloropropane	< 0.5	0.5	ug/L	
2,2-Dichloropropane	< 0.5	0.5	ug/L	
1,1-Dichloropropene	< 0.5	0.5	ug/L	
1,3-Dichloropropene (cis&trans)	< 0.5	0.5	ug/L	
Ethylbenzene	< 0.5	0.5	ug/L	
Hexachlorobutadiene	< 0.5	0.5	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/15/14
Project ID:	Route 113 Release	**Time Collected:**	17:15
Sample ID:	1756 W Route 113	**Date Received:**	03/16/14
Sample No:	14-1179-004	**Date Reported:**	03/18/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/16/14				
Isopropylbenzene	< 0.5	0.5	ug/L	
p-Isopropyltoluene	< 0.5	0.5	ug/L	
Methyl-tert-butylether (MTBE)	< 0.5	0.5	ug/L	
Methylene chloride	< 0.5	0.5	ug/L	
Naphthalene	< 0.5	0.5	ug/L	
n-Propylbenzene	< 0.5	0.5	ug/L	
Styrene	< 0.5	0.5	ug/L	
1,1,1,2-Tetrachloroethane	< 0.5	0.5	ug/L	
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/L	
Tetrachloroethene	< 0.5	0.5	ug/L	
Toluene	< 0.5	0.5	ug/L	
1,2,3-Trichlorobenzene	< 0.5	0.5	ug/L	
1,2,4-Trichlorobenzene	< 0.5	0.5	ug/L	
1,1,1-Trichloroethane	< 0.5	0.5	ug/L	
1,1,2-Trichloroethane	< 0.5	0.5	ug/L	
Trichloroethene	< 0.5	0.5	ug/L	
Trichlorofluoromethane	< 0.5	0.5	ug/L	
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/L	
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/L	
1,2,3-Trichloropropane	< 0.5	0.5	ug/L	
Vinyl chloride	< 0.5	0.5	ug/L	
o-Xylene	< 0.5	0.5	ug/L	
m&p-Xylene	< 0.5	0.5	ug/L	
Xylene, Total	< 0.5	0.5	ug/L	
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/17/14		Preparation Date: 03/17/14		
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/15/14
Project ID:	Route 113 Release	**Time Collected:**	17:15
Sample ID:	1756 W Route 113	**Date Received:**	03/16/14
Sample No:	14-1179-004	**Date Reported:**	03/18/14

Analyte	Result	R.L.	Units	Flags
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/17/14		Preparation Date: 03/17/14		
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Antec Group
Street Address: 1323 Bond St 111
City: Naperville State: IL Zip: 60563
Phone: 1-800-477-7411 Fax: e-mail: kenkell.rannosjo@antecgroup.com
Send Report To: kenkell.rannosjo@antecgroup.com Via: Fax ☐ e-mail ☑
Sampled By: D. Cifft

Project I.D.: Route 113 Release
P.O. #.:

Matrix Codes: S = Soil W = Water O = Other

Analyses

Date/Time Taken	Sample Description	Matrix	VOC (524)	PNA (624)							Comments	Lab I.D.
3/15/14 17:15	1756 W Route 113	W	3	1							Sampled @ 17:15	14-1179-004

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6ºC Yes X No.__ <6 ºC
Received within 6 hrs. of collection:_____
Ice Present: Yes X No__

Sample Refrigerated: Yes__ No__
Refrigerator Temperature:_____ºC
5035 Vials Frozen: Yes__ No__
Freezer Temperature:_____ºC

Preservation Requirements Met: ☐ Yes ☐ No
Need to meet: IL. TACO ☐ IN. RISC ☐

Notes and Special Instructions:

Relinquished By: [signature] Date/Time 3/14/14 15:15 Received By: [signature] Date/Time 16:45 / 03/16/14
Relinquished By: Date/Time Received By: [signature] Date/Time 3/16/14 16:45

Rev. 6/12

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 20, 2014

Mr. Kendall Rannaoja
ANTEA USA
1323 Bond Street
Suite 111
Naperville, IL 60563

Project ID: Route 113 Release
First Environmental File ID: 14-1237
Date Received: March 18, 2014

Dear Mr. Kendall Rannaoja:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003363: effective 02/18/2014 through 02/28/2015.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

ANTEA USA

Lab File ID: **14-1237**

Project ID: **Route 113 Release**

Date Received: **March 18, 2014**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
14-1237-006	1756 W Route 113	03/18/14 11:07

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	N	Analyte is not part of our NELAC accreditation.
E	Estimated result; concentration exceeds calib range.	P	Chemical preservation pH adjusted in lab.
G	Surrogate recovery outside control limits.	Q	Result was determined by a GC/MS database search.
H	Analysis or extraction holding time exceeded.	S	Analysis was subcontracted to another laboratory.
J	Estimated result; concentration is less than routine RL but greater than MDL.	W	Reporting limit elevated due to sample matrix.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 W Route 113
Sample No: 14-1237-006

Date Collected: 03/18/14
Time Collected: 11:07
Date Received: 03/18/14
Date Reported: 03/20/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/18/14				
Benzene	< 0.5	0.5	ug/L	
Bromobenzene	< 0.5	0.5	ug/L	
Bromochloromethane	< 0.5	0.5	ug/L	
Bromodichloromethane	< 0.5	0.5	ug/L	
Bromoform	< 0.5	0.5	ug/L	
Bromomethane	< 0.5	0.5	ug/L	
n-Butylbenzene	< 0.5	0.5	ug/L	
sec-Butylbenzene	< 0.5	0.5	ug/L	
tert-Butylbenzene	< 0.5	0.5	ug/L	
Carbon tetrachloride	< 0.5	0.5	ug/L	
Chlorobenzene	< 0.5	0.5	ug/L	
Chloroethane	< 0.5	0.5	ug/L	
Chloroform	1.4	0.5	ug/L	
Chloromethane	< 0.5	0.5	ug/L	
2-Chlorotoluene	< 0.5	0.5	ug/L	
4-Chlorotoluene	< 0.5	0.5	ug/L	
1,2-Dibromo-3-chloropropane	< 0.5	0.5	ug/L	
Dibromochloromethane	< 0.5	0.5	ug/L	
1,2-Dibromoethane (EDB)	< 0.5	0.5	ug/L	
Dibromomethane	< 0.5	0.5	ug/L	
1,2-Dichlorobenzene	< 0.5	0.5	ug/L	
1,3-Dichlorobenzene	< 0.5	0.5	ug/L	
1,4-Dichlorobenzene	< 0.5	0.5	ug/L	
Dichlorodifluoromethane	< 0.5	0.5	ug/L	
1,1-Dichloroethane	< 0.5	0.5	ug/L	
1,2-Dichloroethane	< 0.5	0.5	ug/L	
1,1-Dichloroethene	< 0.5	0.5	ug/L	
cis-1,2-Dichloroethene	< 0.5	0.5	ug/L	
trans-1,2-Dichloroethene	< 0.5	0.5	ug/L	
1,2-Dichloropropane	< 0.5	0.5	ug/L	
1,3-Dichloropropane	< 0.5	0.5	ug/L	
2,2-Dichloropropane	< 0.5	0.5	ug/L	
1,1-Dichloropropene	< 0.5	0.5	ug/L	
1,3-Dichloropropene (cis&trans)	< 0.5	0.5	ug/L	
Ethylbenzene	< 0.5	0.5	ug/L	
Hexachlorobutadiene	< 0.5	0.5	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 W Route 113
Sample No: 14-1237-006

Date Collected: 03/18/14
Time Collected: 11:07
Date Received: 03/18/14
Date Reported: 03/20/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/18/14				
Isopropylbenzene	< 0.5	0.5	ug/L	
p-Isopropyltoluene	< 0.5	0.5	ug/L	
Methyl-tert-butylether (MTBE)	< 0.5	0.5	ug/L	
Methylene chloride	< 0.5	0.5	ug/L	
Naphthalene	< 0.5	0.5	ug/L	
n-Propylbenzene	< 0.5	0.5	ug/L	
Styrene	< 0.5	0.5	ug/L	
1,1,1,2-Tetrachloroethane	< 0.5	0.5	ug/L	
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/L	
Tetrachloroethene	< 0.5	0.5	ug/L	
Toluene	< 0.5	0.5	ug/L	
1,2,3-Trichlorobenzene	< 0.5	0.5	ug/L	
1,2,4-Trichlorobenzene	< 0.5	0.5	ug/L	
1,1,1-Trichloroethane	< 0.5	0.5	ug/L	
1,1,2-Trichloroethane	< 0.5	0.5	ug/L	
Trichloroethene	< 0.5	0.5	ug/L	
Trichlorofluoromethane	< 0.5	0.5	ug/L	
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/L	
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/L	
1,2,3-Trichloropropane	< 0.5	0.5	ug/L	
Vinyl chloride	< 0.5	0.5	ug/L	
o-Xylene	< 0.5	0.5	ug/L	
m&p-Xylene	< 0.5	0.5	ug/L	
Xylene, Total	< 0.5	0.5	ug/L	
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/19/14		Preparation Date: 03/19/14		
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 W Route 113
Sample No: 14-1237-006

Date Collected: 03/18/14
Time Collected: 11:07
Date Received: 03/18/14
Date Reported: 03/20/14

Analyte	Result	R.L.	Units	Flags
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/19/14		Preparation Date: 03/19/14		
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Antea Group
Street Address: 1323 Bond St 111
City: Naperville State: Il Zip: 60563
Phone: 1-800-477-7411 Fax: e-mail: Kendall.rannaoja@anteagroup.com
Send Report To: Kendall.rannaoja@anteagroup.com Via: Fax ☐ e-mail ☒
Sampled By: K. Angel N. Fulton

Project I.D.: Route 113 Release
P.O. #.:

Matrix Codes: S = Soil W = Water O = Other

Analyses

Date/Time Taken	Sample Description	Matrix	VOC (524)	PNA (624)							Comments	Lab I.D.
3/18/17 11:07AM	1756 W. Route 113	W	3	1								14-1237-006

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6ºC Yes ✓ No.__ _____ºC
Received within 6 hrs. of collection:_____
Ice Present: Yes ✓ No__

Sample Refrigerated: Yes__ No__
Refrigerator Temperature:_____ºC
5035 Vials Frozen: Yes__ No__
Freezer Temperature:_____ºC

Preservation Requirements Met: ☐ Yes ☐ No
Need to meet: IL. TACO ☐ IN. RISC ☐

Notes and Special Instructions:

Relinquished By: Katie Angel Date/Time 3/18/14 14:15 Received By: [illegible] Date/Time 3/18/14 14:15
Relinquished By: [illegible] Date/Time 3/18/14 16:17 Received By: [illegible] Date/Time 3/18/14 1617

Rev. 6/12

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 22, 2014

Ms. Amy Wrigley
ANTEA USA
1323 Bond Street
Suite 111
Naperville, IL 60563

Project ID: Route 113 Release
First Environmental File ID: 14-1309
Date Received: March 20, 2014

Dear Ms. Amy Wrigley:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003363: effective 02/18/2014 through 02/28/2015.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

ANTEA USA

Lab File ID: **14-1309**

Project ID: **Route 113 Release**

Date Received: **March 20, 2014**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
14-1309-001	1756 Route 113	03/20/14 11:30

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	N	Analyte is not part of our NELAC accreditation.
E	Estimated result; concentration exceeds calib range.	P	Chemical preservation pH adjusted in lab.
G	Surrogate recovery outside control limits.	Q	Result was determined by a GC/MS database search.
H	Analysis or extraction holding time exceeded.	S	Analysis was subcontracted to another laboratory.
J	Estimated result; concentration is less than routine RL but greater than MDL.	W	Reporting limit elevated due to sample matrix.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 Route 113
Sample No: 14-1309-001

Date Collected: 03/20/14
Time Collected: 11:30
Date Received: 03/20/14
Date Reported: 03/22/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/20/14				
Benzene	< 0.5	0.5	ug/L	
Bromobenzene	< 0.5	0.5	ug/L	
Bromochloromethane	< 0.5	0.5	ug/L	
Bromodichloromethane	< 0.5	0.5	ug/L	
Bromoform	< 0.5	0.5	ug/L	
Bromomethane	< 0.5	0.5	ug/L	
n-Butylbenzene	< 0.5	0.5	ug/L	
sec-Butylbenzene	< 0.5	0.5	ug/L	
tert-Butylbenzene	< 0.5	0.5	ug/L	
Carbon tetrachloride	< 0.5	0.5	ug/L	
Chlorobenzene	< 0.5	0.5	ug/L	
Chloroethane	< 0.5	0.5	ug/L	
Chloroform	< 0.5	0.5	ug/L	
Chloromethane	< 0.5	0.5	ug/L	
2-Chlorotoluene	< 0.5	0.5	ug/L	
4-Chlorotoluene	< 0.5	0.5	ug/L	
1,2-Dibromo-3-chloropropane	< 0.5	0.5	ug/L	
Dibromochloromethane	< 0.5	0.5	ug/L	
1,2-Dibromoethane (EDB)	< 0.5	0.5	ug/L	
Dibromomethane	< 0.5	0.5	ug/L	
1,2-Dichlorobenzene	< 0.5	0.5	ug/L	
1,3-Dichlorobenzene	< 0.5	0.5	ug/L	
1,4-Dichlorobenzene	< 0.5	0.5	ug/L	
Dichlorodifluoromethane	< 0.5	0.5	ug/L	
1,1-Dichloroethane	< 0.5	0.5	ug/L	
1,2-Dichloroethane	< 0.5	0.5	ug/L	
1,1-Dichloroethene	< 0.5	0.5	ug/L	
cis-1,2-Dichloroethene	< 0.5	0.5	ug/L	
trans-1,2-Dichloroethene	< 0.5	0.5	ug/L	
1,2-Dichloropropane	< 0.5	0.5	ug/L	
1,3-Dichloropropane	< 0.5	0.5	ug/L	
2,2-Dichloropropane	< 0.5	0.5	ug/L	
1,1-Dichloropropene	< 0.5	0.5	ug/L	
1,3-Dichloropropene (cis&trans)	< 0.5	0.5	ug/L	
Ethylbenzene	< 0.5	0.5	ug/L	
Hexachlorobutadiene	< 0.5	0.5	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 Route 113
Sample No: 14-1309-001

Date Collected: 03/20/14
Time Collected: 11:30
Date Received: 03/20/14
Date Reported: 03/22/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/20/14				
Isopropylbenzene	< 0.5	0.5	ug/L	
p-Isopropyltoluene	< 0.5	0.5	ug/L	
Methyl-tert-butylether (MTBE)	< 0.5	0.5	ug/L	
Methylene chloride	< 0.5	0.5	ug/L	
Naphthalene	< 0.5	0.5	ug/L	
n-Propylbenzene	< 0.5	0.5	ug/L	
Styrene	< 0.5	0.5	ug/L	
1,1,1,2-Tetrachloroethane	< 0.5	0.5	ug/L	
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/L	
Tetrachloroethene	< 0.5	0.5	ug/L	
Toluene	< 0.5	0.5	ug/L	
1,2,3-Trichlorobenzene	< 0.5	0.5	ug/L	
1,2,4-Trichlorobenzene	< 0.5	0.5	ug/L	
1,1,1-Trichloroethane	< 0.5	0.5	ug/L	
1,1,2-Trichloroethane	< 0.5	0.5	ug/L	
Trichloroethene	< 0.5	0.5	ug/L	
Trichlorofluoromethane	< 0.5	0.5	ug/L	
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/L	
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/L	
1,2,3-Trichloropropane	< 0.5	0.5	ug/L	
Vinyl chloride	< 0.5	0.5	ug/L	
o-Xylene	< 0.5	0.5	ug/L	
m&p-Xylene	< 0.5	0.5	ug/L	
Xylene, Total	< 0.5	0.5	ug/L	
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/21/14		Preparation Date: 03/21/14		
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/20/14
Project ID:	Route 113 Release	**Time Collected:**	11:30
Sample ID:	1756 Route 113	**Date Received:**	03/20/14
Sample No:	14-1309-001	**Date Reported:**	03/22/14

Analyte	Result	R.L.	Units	Flags
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/21/14		Preparation Date: 03/21/14		
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Antea Group
Street Address: 1323 Bond St 111
City: Naperville State: IL Zip: 60563
Phone: 1-800-477-7411 Fax: e-mail: kendall.connaoia@anteagroup.com
Send Report To: kendall.connaoia@anteagroup.com Via: Fax ☐ e-mail ☒
Sampled By: K. Angel

Project I.D.: Route 113 Release
P.O. #.:

Matrix Codes: S = Soil W = Water O = Other

Analyses

Date/Time Taken	Sample Description	Matrix	VOC (524)	PNA (625)							Comments	Lab I.D.
3/20/14 11:30AM	1756 Route 113	W	2	1								14-1309-001

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6ºC Yes ☑ No.__ _____ºC
Received within 6 hrs. of collection:_____
Ice Present: Yes ☑ No__

Sample Refrigerated: Yes__ No__
Refrigerator Temperature:_____ºC
5035 Vials Frozen: Yes__ No__
Freezer Temperature:_____ºC

Preservation Requirements Met: ☑ Yes ☐ No
Need to meet: IL. TACO ☐ IN. RISC ☐

Notes and Special Instructions:

Relinquished By: [signature] Date/Time 3/20/14 14:00 Received By: [signature] Date/Time 03/20/14 15:50
Relinquished By: [signature] Date/Time 03/20/14 15:50 Received By: [signature] Date/Time 3/20/14 1550

Rev. 6/12

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 26, 2014

Mr. Kendall Rannaoja
ANTEA USA
1323 Bond Street
Suite 111
Naperville, IL 60563

Project ID: Route 113 Release
First Environmental File ID: 14-1388
Date Received: March 24, 2014

Dear Mr. Kendall Rannaoja:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003363: effective 02/18/2014 through 02/28/2015.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

ANTEA USA

Lab File ID: **14-1388**

Project ID: **Route 113 Release**

Date Received: **March 24, 2014**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
14-1388-004	1756 Route 113	03/24/14 09:22

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	N	Analyte is not part of our NELAC accreditation.
E	Estimated result; concentration exceeds calib range.	P	Chemical preservation pH adjusted in lab.
G	Surrogate recovery outside control limits.	Q	Result was determined by a GC/MS database search.
H	Analysis or extraction holding time exceeded.	S	Analysis was subcontracted to another laboratory.
J	Estimated result; concentration is less than routine RL but greater than MDL.	W	Reporting limit elevated due to sample matrix.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Route 113 Release
Sample ID: 1756 Route 113
Sample No: 14-1388-004

Date Collected: 03/24/14
Time Collected: 09:22
Date Received: 03/24/14
Date Reported: 03/26/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/24/14				
Benzene	< 0.5	0.5	ug/L	
Bromobenzene	< 0.5	0.5	ug/L	
Bromochloromethane	< 0.5	0.5	ug/L	
Bromodichloromethane	< 0.5	0.5	ug/L	
Bromoform	< 0.5	0.5	ug/L	
Bromomethane	< 0.5	0.5	ug/L	
n-Butylbenzene	< 0.5	0.5	ug/L	
sec-Butylbenzene	< 0.5	0.5	ug/L	
tert-Butylbenzene	< 0.5	0.5	ug/L	
Carbon tetrachloride	< 0.5	0.5	ug/L	
Chlorobenzene	< 0.5	0.5	ug/L	
Chloroethane	< 0.5	0.5	ug/L	
Chloroform	1.0	0.5	ug/L	
Chloromethane	< 0.5	0.5	ug/L	
2-Chlorotoluene	< 0.5	0.5	ug/L	
4-Chlorotoluene	< 0.5	0.5	ug/L	
1,2-Dibromo-3-chloropropane	< 0.5	0.5	ug/L	
Dibromochloromethane	< 0.5	0.5	ug/L	
1,2-Dibromoethane (EDB)	< 0.5	0.5	ug/L	
Dibromomethane	< 0.5	0.5	ug/L	
1,2-Dichlorobenzene	< 0.5	0.5	ug/L	
1,3-Dichlorobenzene	< 0.5	0.5	ug/L	
1,4-Dichlorobenzene	< 0.5	0.5	ug/L	
Dichlorodifluoromethane	< 0.5	0.5	ug/L	
1,1-Dichloroethane	< 0.5	0.5	ug/L	
1,2-Dichloroethane	< 0.5	0.5	ug/L	
1,1-Dichloroethene	< 0.5	0.5	ug/L	
cis-1,2-Dichloroethene	< 0.5	0.5	ug/L	
trans-1,2-Dichloroethene	< 0.5	0.5	ug/L	
1,2-Dichloropropane	< 0.5	0.5	ug/L	
1,3-Dichloropropane	< 0.5	0.5	ug/L	
2,2-Dichloropropane	< 0.5	0.5	ug/L	
1,1-Dichloropropene	< 0.5	0.5	ug/L	
1,3-Dichloropropene (cis&trans)	< 0.5	0.5	ug/L	
Ethylbenzene	< 0.5	0.5	ug/L	
Hexachlorobutadiene	< 0.5	0.5	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/24/14
Project ID:	Route 113 Release	**Time Collected:**	09:22
Sample ID:	1756 Route 113	**Date Received:**	03/24/14
Sample No:	14-1388-004	**Date Reported:**	03/26/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2** Analysis Date: 03/24/14				
Isopropylbenzene	< 0.5	0.5	ug/L	
p-Isopropyltoluene	< 0.5	0.5	ug/L	
Methyl-tert-butylether (MTBE)	< 0.5	0.5	ug/L	
Methylene chloride	< 0.5	0.5	ug/L	
Naphthalene	< 0.5	0.5	ug/L	
n-Propylbenzene	< 0.5	0.5	ug/L	
Styrene	< 0.5	0.5	ug/L	
1,1,1,2-Tetrachloroethane	< 0.5	0.5	ug/L	
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/L	
Tetrachloroethene	< 0.5	0.5	ug/L	
Toluene	< 0.5	0.5	ug/L	
1,2,3-Trichlorobenzene	< 0.5	0.5	ug/L	
1,2,4-Trichlorobenzene	< 0.5	0.5	ug/L	
1,1,1-Trichloroethane	< 0.5	0.5	ug/L	
1,1,2-Trichloroethane	< 0.5	0.5	ug/L	
Trichloroethene	< 0.5	0.5	ug/L	
Trichlorofluoromethane	< 0.5	0.5	ug/L	
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/L	
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/L	
1,2,3-Trichloropropane	< 0.5	0.5	ug/L	
Vinyl chloride	< 0.5	0.5	ug/L	
o-Xylene	< 0.5	0.5	ug/L	
m&p-Xylene	< 0.5	0.5	ug/L	
Xylene, Total	< 0.5	0.5	ug/L	
Polynuclear Aromatic Hydrocarbons **Method: 625** **Preparation Method 625W** Analysis Date: 03/25/14 Preparation Date: 03/25/14				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/24/14
Project ID:	Route 113 Release	**Time Collected:**	09:22
Sample ID:	1756 Route 113	**Date Received:**	03/24/14
Sample No:	14-1388-004	**Date Reported:**	03/26/14

Analyte	Result	R.L.	Units	Flags
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/25/14		Preparation Date: 03/25/14		
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Antea Group
Street Address: 1323 Bond Street, Suite 111
City: Naperville State: IL Zip: 60563
Phone: 800-477-7411 Fax: e-mail: kendall.rannaoja@anteagroup.com
Send Report To: amy.wrigley@anteagroup.com Via: Fax ☐ e-mail ☒
Sampled By: Taylor Pierce

Project I.D.: Route 113 Release
P.O. #.:

Matrix Codes: S = Soil W = Water O = Other

Analyses

Date/Time Taken	Sample Description	Matrix	VOC 524	PNA 625							Comments	Lab I.D.
3/24/14 9:22	1756 Route 113	W	X	X								14-1388-004

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6ºC Yes ✓ No.__ _____ºC
Received within 6 hrs. of collection: ✓ _____
Ice Present: Yes ✓ No__

Sample Refrigerated: Yes__ No__
Refrigerator Temperature:_____ºC
5035 Vials Frozen: Yes__ No__
Freezer Temperature:_____ºC

Preservation Requirements Met: ☑ Yes ☐ No
Need to meet: IL. TACO ☐ IN. RISC ☐

Notes and Special Instructions:

Relinquished By: Taylor Pierce Date/Time 3/24/14 1330 Received By: Cindy Meldrum Date/Time 3/24/14 1430
Relinquished By: Cindy Meldrum Date/Time 3/24/14 1640 Received By: [illegible] Date/Time 3/24/14 1640

Rev. 6/12

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 28, 2014

Ms. Amy Wrigley
ANTEA USA
1323 Bond Street
Suite 111
Naperville, IL 60563

Project ID: Illinois Route 113 Release
First Environmental File ID: 14-1438
Date Received: March 26, 2014

Dear Ms. Amy Wrigley:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003363: effective 02/18/2014 through 02/28/2015.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

ANTEA USA

Lab File ID: **14-1438**

Project ID: **Illinois Route 113 Release**

Date Received: **March 26, 2014**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
14-1438-008	1756 Route 113	03/26/14 10:20

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	N	Analyte is not part of our NELAC accreditation.
E	Estimated result; concentration exceeds calib range.	P	Chemical preservation pH adjusted in lab.
G	Surrogate recovery outside control limits.	Q	Result was determined by a GC/MS database search.
H	Analysis or extraction holding time exceeded.	S	Analysis was subcontracted to another laboratory.
J	Estimated result; concentration is less than routine RL but greater than MDL.	W	Reporting limit elevated due to sample matrix.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Illinois Route 113 Release
Sample ID: 1756 Route 113
Sample No: 14-1438-008

Date Collected: 03/26/14
Time Collected: 10:20
Date Received: 03/26/14
Date Reported: 03/28/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/26/14				
Benzene	< 0.5	0.5	ug/L	
Bromobenzene	< 0.5	0.5	ug/L	
Bromochloromethane	< 0.5	0.5	ug/L	
Bromodichloromethane	< 0.5	0.5	ug/L	
Bromoform	< 0.5	0.5	ug/L	
Bromomethane	< 0.5	0.5	ug/L	
n-Butylbenzene	< 0.5	0.5	ug/L	
sec-Butylbenzene	< 0.5	0.5	ug/L	
tert-Butylbenzene	< 0.5	0.5	ug/L	
Carbon tetrachloride	< 0.5	0.5	ug/L	
Chlorobenzene	< 0.5	0.5	ug/L	
Chloroethane	< 0.5	0.5	ug/L	
Chloroform	0.8	0.5	ug/L	
Chloromethane	< 0.5	0.5	ug/L	
2-Chlorotoluene	< 0.5	0.5	ug/L	
4-Chlorotoluene	< 0.5	0.5	ug/L	
1,2-Dibromo-3-chloropropane	< 0.5	0.5	ug/L	
Dibromochloromethane	< 0.5	0.5	ug/L	
1,2-Dibromoethane (EDB)	< 0.5	0.5	ug/L	
Dibromomethane	< 0.5	0.5	ug/L	
1,2-Dichlorobenzene	< 0.5	0.5	ug/L	
1,3-Dichlorobenzene	< 0.5	0.5	ug/L	
1,4-Dichlorobenzene	< 0.5	0.5	ug/L	
Dichlorodifluoromethane	< 0.5	0.5	ug/L	
1,1-Dichloroethane	< 0.5	0.5	ug/L	
1,2-Dichloroethane	< 0.5	0.5	ug/L	
1,1-Dichloroethene	< 0.5	0.5	ug/L	
cis-1,2-Dichloroethene	< 0.5	0.5	ug/L	
trans-1,2-Dichloroethene	< 0.5	0.5	ug/L	
1,2-Dichloropropane	< 0.5	0.5	ug/L	
1,3-Dichloropropane	< 0.5	0.5	ug/L	
2,2-Dichloropropane	< 0.5	0.5	ug/L	
1,1-Dichloropropene	< 0.5	0.5	ug/L	
1,3-Dichloropropene (cis&trans)	< 0.5	0.5	ug/L	
Ethylbenzene	< 0.5	0.5	ug/L	
Hexachlorobutadiene	< 0.5	0.5	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: ANTEA USA
Project ID: Illinois Route 113 Release
Sample ID: 1756 Route 113
Sample No: 14-1438-008

Date Collected: 03/26/14
Time Collected: 10:20
Date Received: 03/26/14
Date Reported: 03/28/14

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 524.2**				
Analysis Date: 03/26/14				
Isopropylbenzene	< 0.5	0.5	ug/L	
p-Isopropyltoluene	< 0.5	0.5	ug/L	
Methyl-tert-butylether (MTBE)	< 0.5	0.5	ug/L	
Methylene chloride	< 0.5	0.5	ug/L	
Naphthalene	< 0.5	0.5	ug/L	
n-Propylbenzene	< 0.5	0.5	ug/L	
Styrene	< 0.5	0.5	ug/L	
1,1,1,2-Tetrachloroethane	< 0.5	0.5	ug/L	
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/L	
Tetrachloroethene	< 0.5	0.5	ug/L	
Toluene	< 0.5	0.5	ug/L	
1,2,3-Trichlorobenzene	< 0.5	0.5	ug/L	
1,2,4-Trichlorobenzene	< 0.5	0.5	ug/L	
1,1,1-Trichloroethane	< 0.5	0.5	ug/L	
1,1,2-Trichloroethane	< 0.5	0.5	ug/L	
Trichloroethene	< 0.5	0.5	ug/L	
Trichlorofluoromethane	< 0.5	0.5	ug/L	
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/L	
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/L	
1,2,3-Trichloropropane	< 0.5	0.5	ug/L	
Vinyl chloride	< 0.5	0.5	ug/L	
o-Xylene	< 0.5	0.5	ug/L	
m&p-Xylene	< 0.5	0.5	ug/L	
Xylene, Total	< 0.5	0.5	ug/L	
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/27/14		Preparation Date: 03/27/14		
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client:	ANTEA USA	**Date Collected:**	03/26/14
Project ID:	Illinois Route 113 Release	**Time Collected:**	10:20
Sample ID:	1756 Route 113	**Date Received:**	03/26/14
Sample No:	14-1438-008	**Date Reported:**	03/28/14

Analyte	Result	R.L.	Units	Flags
Polynuclear Aromatic Hydrocarbons **Method: 625**		**Preparation Method 625W**		
Analysis Date: 03/27/14		Preparation Date: 03/27/14		
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

Print Form

Page of Pgs

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

1600 Shore Road, Suite D
Naperville, IL 60563
Phone: (630)778-1200 * Fax (630)778-1233
E-Mail: info@firstenv.com
IEPA Accreditation #100292

Company Name: Antea Group		
Street Address: 1323 Bond Street, Suite 111		
City: Naperville	State: IL	Zip: 60563
Phone: 800-477-7411	Fax:	e-Mail: kendall.rannaoja@anteagroup.com
Send Report To: amy.wrigley@anteagroup.com	Via Fax: ☐	Via e-Mail: ☒
Sampled By: Peter Putzier		

Project I.D.: Illinois Route 113 Release

P.O. #:

Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.

Date/Time Taken	Sample Description	Matrix	VOC 524	PNA 625							Comments	Lab I.D.
3-26-14/1020	1756 Route 113	Water	✓	✓							14-1438-008	

FOR LAB USE ONLY: **Cooler Temperature:0.1-6°C Yes ✓ No___ 3 °C**
Received within 6 hrs of collection: ✓ ___
Ice Present: Yes___ No___

Sample Refrigerated: Yes___ No___
Refrigerator Temperature:_____°C

Containers Received Preserved: Yes ✓ No___
5035 Vials Frozen: Yes___ No___
Freezer Temperature:_____°C

Notes and Special Instructions: ~~TBS~~ TBI associated w/ this COC.

Relinquished By: [signature]	Date/Time: 3-26-14/1615	Received By: [signature]	Date/Time: 3-26-14 1615
Relinquished By:	Date/Time:	Received By:	Date/Time:

Rev 1/07