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

June 12, 2017

Ms. Colleen Grey
REPUBLIC SERVICES (McLean)
ANDREWS ENGINEERING, INC.
3300 Ginger Creek Drive
Springfield, IL 62711

Project ID: ADS/McLean Co. LF #2 - GW
First Environmental File ID: 17-2751
Date Received: May 26, 2017

Dear Ms. Colleen Grey:

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 004108: effective 03/24/2017 through 02/28/2018.

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,

Bill Mottashed
Project Manager

First Environmental Laboratories, Inc.

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Case Narrative

REPUBLIC SERVICES (McLean)

Lab File ID: **17-2751**

Project ID: **ADS/McLean Co. LF #2 - GW**

Date Received: **May 26, 2017**

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

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
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
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.

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

Project ID: ADS/McLean Co. LF #2 - GW

Sample ID: G222

Sample No: 17-2751-002

Date Collected: 05/23/17

Time Collected: 12:28

Date Received: 05/26/17

Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	3.23	0.10	mg/L	05/31/17	350.1R2.0	
Chloride, Dissolved	5	5	mg/L	05/30/17	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/30/17	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/30/17	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	06/08/17	1664B 2010	
Phenols	< 10	10	ug/L	06/01/17	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	05/31/17	375.2R2.0	J
Total Dissolved Solids	452	10	mg/L	05/30/17	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G222
Sample No: 17-2751-002

Date Collected: 05/23/17
Time Collected: 12:28
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 06/09/17		Preparation Date: 06/07/17		
Arsenic, diss.	58	10	ug/L	
Boron, diss.	434	50	ug/L	
Cadmium, diss.	< 1	5	ug/L	J
Chromium, diss.	< 1	5	ug/L	J
Lead, diss.	< 2	5	ug/L	J
Zinc, diss.	< 5	10	ug/L	J
Magnesium, diss.	36.2	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/12/17				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	05/23/17
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	12:28
Sample ID:	G222	**Date Received:**	05/26/17
Sample No:	17-2751-002	**Date Reported:**	06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	

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Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G222
Sample No: 17-2751-002

Date Collected: 05/23/17
Time Collected: 12:28
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/09/17				
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	
1,2-Dibromo-3-chloropropane	< 0.2	0.2	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G116
Sample No: 17-2751-007

Date Collected: 05/23/17
Time Collected: 11:10
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.47	0.10	mg/L	05/31/17	350.1R2.0	
Chloride, Dissolved	201	5	mg/L	05/30/17	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/30/17	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/30/17	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	06/08/17	1664B 2010	
Phenols	< 10	10	ug/L	06/01/17	420.4R1.0	
Sulfate, Dissolved	152	15	mg/L	05/31/17	375.2R2.0	
Total Dissolved Solids	954	10	mg/L	05/30/17	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G116
Sample No: 17-2751-007

Date Collected: 05/23/17
Time Collected: 11:10
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**	**Preparation Method 3010A**		
Analysis Date: 06/09/17		Preparation Date: 06/07/17		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	143	50	ug/L	
Cadmium, diss.	< 1	5	ug/L	J
Chromium, diss.	< 1	5	ug/L	J
Lead, diss.	< 2	5	ug/L	J
Zinc, diss.	< 5	10	ug/L	J
Magnesium, diss.	53.5	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**			
Analysis Date: 06/12/17				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G116
Sample No: 17-2751-007

Date Collected: 05/23/17
Time Collected: 11:10
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G116
Sample No: 17-2751-007

Date Collected: 05/23/17
Time Collected: 11:10
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/09/17				
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	
1,2-Dibromo-3-chloropropane	< 0.2	0.2	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G212
Sample No: 17-2751-011

Date Collected: 05/23/17
Time Collected: 11:52
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.30	0.10	mg/L	06/05/17	350.1R2.0	
Chloride, Dissolved	176	5	mg/L	05/30/17	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/30/17	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/30/17	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	06/08/17	1664B 2010	
Phenols	< 10	10	ug/L	06/01/17	420.4R1.0	
Sulfate, Dissolved	157	15	mg/L	05/31/17	375.2R2.0	
Total Dissolved Solids	890	10	mg/L	05/30/17	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G212
Sample No: 17-2751-011

Date Collected: 05/23/17
Time Collected: 11:52
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 06/09/17		Preparation Date: 06/07/17		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	162	50	ug/L	
Cadmium, diss.	< 1	5	ug/L	J
Chromium, diss.	< 1	5	ug/L	J
Lead, diss.	< 2	5	ug/L	J
Zinc, diss.	< 5	10	ug/L	J
Magnesium, diss.	46.1	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/12/17				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	

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Sample ID: G212
Sample No: 17-2751-011

Date Collected: 05/23/17
Time Collected: 11:52
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G212
Sample No: 17-2751-011

Date Collected: 05/23/17
Time Collected: 11:52
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/09/17				
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	
1,2-Dibromo-3-chloropropane	< 0.2	0.2	ug/L	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	05/23/17
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	9:34
Sample ID:	G216	**Date Received:**	05/26/17
Sample No:	17-2751-015	**Date Reported:**	06/12/17

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.35	0.10	mg/L	06/05/17	350.1R2.0	
Chloride, Dissolved	30	5	mg/L	05/30/17	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/30/17	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/30/17	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	06/09/17	1664B 2010	
Phenols	< 10	10	ug/L	06/01/17	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	05/31/17	375.2R2.0	J
Total Dissolved Solids	478	10	mg/L	05/30/17	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G216
Sample No: 17-2751-015

Date Collected: 05/23/17
Time Collected: 9:34
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**	**Preparation Method 3010A**		
Analysis Date: 06/09/17		Preparation Date: 06/07/17		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	175	50	ug/L	
Cadmium, diss.	< 1	5	ug/L	J
Chromium, diss.	< 1	5	ug/L	J
Lead, diss.	< 2	5	ug/L	J
Zinc, diss.	< 5	10	ug/L	J
Magnesium, diss.	40.7	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**			
Analysis Date: 06/12/17				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G216
Sample No: 17-2751-015

Date Collected: 05/23/17
Time Collected: 9:34
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G216
Sample No: 17-2751-015

Date Collected: 05/23/17
Time Collected: 9:34
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/09/17				
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	
1,2-Dibromo-3-chloropropane	< 0.2	0.2	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #1
Sample No: 17-2751-022

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #1
Sample No: 17-2751-022

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #2
Sample No: 17-2751-023

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #2
Sample No: 17-2751-023

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #3
Sample No: 17-2751-024

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #3
Sample No: 17-2751-024

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	
Sample ID:	Trip Blank #4	**Date Received:**	05/26/17
Sample No:	17-2751-025	**Date Reported:**	06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #4
Sample No: 17-2751-025

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/31/17				
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #5
Sample No: 17-2751-026

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
Acetone	< 10.0	10.0	ug/L	
Acrylonitrile	< 100	100	ug/L	
Benzene	< 1.0	1.0	ug/L	
Bromobenzene	< 1.0	1.0	ug/L	
Bromochloromethane	< 1.0	1.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 2.0	2.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
n-Butylbenzene	< 1.0	1.0	ug/L	
sec-Butylbenzene	< 1.0	1.0	ug/L	
tert-Butylbenzene	< 1.0	1.0	ug/L	
Carbon disulfide	< 1.0	1.0	ug/L	
Carbon tetrachloride	< 1.0	1.0	ug/L	
Chlorobenzene	< 1.0	1.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 2.0	2.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 2.0	2.0	ug/L	
2-Chlorotoluene	< 1.0	1.0	ug/L	
4-Chlorotoluene	< 1.0	1.0	ug/L	
Dibromomethane	< 1.0	1.0	ug/L	
1,2-Dichlorobenzene	< 1.0	1.0	ug/L	
1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethane	< 1.0	1.0	ug/L	
1,2-Dichloroethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,3-Dichloropropane	< 1.0	1.0	ug/L	
2,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene	< 1.0	1.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #5
Sample No: 17-2751-026

Date Collected:
Time Collected:
Date Received: 05/26/17
Date Reported: 06/12/17

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/31/17				
1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	< 5.0	5.0	ug/L	
2-Hexanone	< 1.0	10	ug/L	J
Iodomethane	< 1.0	1.0	ug/L	
Isopropylbenzene	< 1.0	1.0	ug/L	
p-Isopropyltoluene	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Naphthalene	< 5.0	5.0	ug/L	
n-Propylbenzene	< 1.0	1.0	ug/L	
Styrene	< 1.0	1.0	ug/L	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrachloroethene	< 1.0	1.0	ug/L	
Tetrahydrofuran	< 1.0	1.0	ug/L	
Toluene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	