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

November 10, 2016

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: 16-5962
Date Received: October 20, 2016

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 003811: effective 02/17/2016 through 02/28/2017.

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: **16-5962**

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

Date Received: **October 20, 2016**

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
16-5962-001	G218	10/19/2016 9:55
16-5962-002	G222	10/17/2016 11:57
16-5962-003	G110	10/19/2016 10:34
16-5962-004	G113	10/18/2016 11:24
16-5962-005	G114	10/18/2016 10:12
16-5962-006	G115	10/17/2016 14:40
16-5962-007	G116	10/17/2016 8:31
16-5962-008	G209	10/18/2016 10:45
16-5962-009	G210	10/17/2016 11:14
16-5962-010	G211	10/17/2016 10:04
16-5962-011	G212	10/17/2016 14:06
16-5962-012	G213	10/17/2016 13:28
16-5962-013	G214	10/17/2016 9:11
16-5962-014	G215	10/18/2016 9:42
16-5962-015	G216	10/18/2016 8:59
16-5962-016	G217	10/19/2016 9:16
16-5962-017	G219	10/18/2016 13:57
16-5962-018	G220	10/18/2016 13:18
16-5962-019	G221	10/18/2016 12:02
16-5962-020	R223	10/18/2016 12:35
16-5962-021	DUP	10/17/2016 13:28
16-5962-022	Trip Blank #1	
16-5962-023	Trip Blank #2	
16-5962-024	Trip Blank #3	

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Case Narrative

REPUBLIC SERVICES (McLean)

Lab File ID: **16-5962**

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

Date Received: **October 20, 2016**

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.

Method Comments

Lab Number	Sample ID	Comments:
16-5962-001	G218	*Volatile Organic Compounds (8011)* LCSDUP recovery outside control limits; high bias.

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.	P	Chemical preservation pH adjusted in lab.
E	Estimated result; concentration exceeds calibration range.	Q	Result was determined by a GC/MS database search.
G	Surrogate recovery outside control limits.	S	Analysis was subcontracted to another laboratory.
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: G218
Sample No: 16-5962-001

Date Collected: 10/19/16
Time Collected: 9:55
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.86	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	6	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/21/16	375.2R2.0	J
Total Dissolved Solids	483	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G218
Sample No: 16-5962-001

Date Collected: 10/19/16
Time Collected: 9:55
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	230	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.	43.1	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G218
Sample No: 16-5962-001

Date Collected: 10/19/16
Time Collected: 9:55
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G218
Sample No: 16-5962-001

Date Collected: 10/19/16
Time Collected: 9:55
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G222

Sample No: 16-5962-002

Date Collected: 10/17/16

Time Collected: 11:57

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	5.71	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	5	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	11	15	mg/L	10/21/16	375.2R2.0	J
Total Dissolved Solids	548	10	mg/L	10/21/16	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: 16-5962-002

Date Collected: 10/17/16
Time Collected: 11:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	22	10	ug/L	
Boron, diss.	369	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.	46.5	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	11:57
Sample ID:	G222	**Date Received:**	10/20/16
Sample No:	16-5962-002	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G222
Sample No: 16-5962-002

Date Collected: 10/17/16
Time Collected: 11:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G110

Sample No: 16-5962-003

Date Collected: 10/19/16

Time Collected: 10:34

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.87	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	5	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/21/16	375.2R2.0	J
Total Dissolved Solids	428	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G110
Sample No: 16-5962-003

Date Collected: 10/19/16
Time Collected: 10:34
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	230	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.	42.5	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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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IL ELAP / NELAC Accreditation # 100292

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G110
Sample No: 16-5962-003

Date Collected: 10/19/16
Time Collected: 10:34
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G110
Sample No: 16-5962-003

Date Collected: 10/19/16
Time Collected: 10:34
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G113
Sample No: 16-5962-004

Date Collected: 10/18/16
Time Collected: 11:24
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.21	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	17	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	275	15	mg/L	10/26/16	375.2R2.0	
Total Dissolved Solids	731	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G113
Sample No: 16-5962-004

Date Collected: 10/18/16
Time Collected: 11:24
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	< 50	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.	55.3	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G113
Sample No: 16-5962-004

Date Collected: 10/18/16
Time Collected: 11:24
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G113
Sample No: 16-5962-004

Date Collected: 10/18/16
Time Collected: 11:24
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G114
Sample No: 16-5962-005

Date Collected: 10/18/16
Time Collected: 10:12
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.39	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	183	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	200	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	956	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G114
Sample No: 16-5962-005

Date Collected: 10/18/16
Time Collected: 10:12
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	235	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.	56.8	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G114
Sample No: 16-5962-005

Date Collected: 10/18/16
Time Collected: 10:12
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G114
Sample No: 16-5962-005

Date Collected: 10/18/16
Time Collected: 10:12
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G115

Sample No: 16-5962-006

Date Collected: 10/17/16

Time Collected: 14:40

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.20	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	146	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	197	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	913	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G115
Sample No: 16-5962-006

Date Collected: 10/17/16
Time Collected: 14:40
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	195	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.	52.2	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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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IL ELAP / NELAC Accreditation # 100292

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G115
Sample No: 16-5962-006

Date Collected: 10/17/16
Time Collected: 14:40
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	14:40
Sample ID:	G115	**Date Received:**	10/20/16
Sample No:	16-5962-006	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	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: 16-5962-007

Date Collected: 10/17/16

Time Collected: 8:31

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.61	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	197	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	157	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	933	10	mg/L	10/21/16	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: 16-5962-007

Date Collected: 10/17/16
Time Collected: 8:31
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**	**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	157	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.	59.7	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**			
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: 16-5962-007

Date Collected: 10/17/16
Time Collected: 8:31
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 16-5962-007

Date Collected: 10/17/16
Time Collected: 8:31
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G209
Sample No: 16-5962-008

Date Collected: 10/18/16
Time Collected: 10:45
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.11	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	60	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	112	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	592	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G209
Sample No: 16-5962-008

Date Collected: 10/18/16
Time Collected: 10:45
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	70	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.	46.9	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G209
Sample No: 16-5962-008

Date Collected: 10/18/16
Time Collected: 10:45
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G209
Sample No: 16-5962-008

Date Collected: 10/18/16
Time Collected: 10:45
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G210

Sample No: 16-5962-009

Date Collected: 10/17/16

Time Collected: 11:14

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.21	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	149	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/27/16	420.4R1.0	
Sulfate, Dissolved	117	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	837	10	mg/L	10/21/16	2540C 1997	

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IL ELAP / NELAC Accreditation # 100292

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G210
Sample No: 16-5962-009

Date Collected: 10/17/16
Time Collected: 11:14
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	129	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.	49.3	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	11:14
Sample ID:	G210	**Date Received:**	10/20/16
Sample No:	16-5962-009	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G210
Sample No: 16-5962-009

Date Collected: 10/17/16
Time Collected: 11:14
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G211
Sample No: 16-5962-010

Date Collected: 10/17/16
Time Collected: 10:04
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.29	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	197	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	161	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	891	10	mg/L	10/21/16	2540C 1997	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	10:04
Sample ID:	G211	**Date Received:**	10/20/16
Sample No:	16-5962-010	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	203	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.	52.9	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G211
Sample No: 16-5962-010

Date Collected: 10/17/16
Time Collected: 10:04
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	10:04
Sample ID:	G211	**Date Received:**	10/20/16
Sample No:	16-5962-010	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/09/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	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: 16-5962-011

Date Collected: 10/17/16

Time Collected: 14:06

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.33	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	193	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	145	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	904	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	14:06
Sample ID:	G212	**Date Received:**	10/20/16
Sample No:	16-5962-011	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	165	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.	51.7	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	14:06
Sample ID:	G212	**Date Received:**	10/20/16
Sample No:	16-5962-011	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	14:06
Sample ID:	G212	**Date Received:**	10/20/16
Sample No:	16-5962-011	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G213
Sample No: 16-5962-012

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.38	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	182	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	172	15	mg/L	10/21/16	375.2R2.0	
Total Dissolved Solids	917	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G213
Sample No: 16-5962-012

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte		Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16			Preparation Date: 10/27/16		
Arsenic, diss.		< 5	10	ug/L	J
Boron, diss.		153	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.		54.5	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**				
Analysis Date: 10/27/16					
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**				
Analysis Date: 10/24/16					
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:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	13:28
Sample ID:	G213	**Date Received:**	10/20/16
Sample No:	16-5962-012	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G213
Sample No: 16-5962-012

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G214

Sample No: 16-5962-013

Date Collected: 10/17/16

Time Collected: 9:11

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	< 0.10	0.10	mg/L	10/21/16	350.1R2.0	
Chloride, Dissolved	120	5	mg/L	10/28/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	260	15	mg/L	10/26/16	375.2R2.0	
Total Dissolved Solids	946	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G214
Sample No: 16-5962-013

Date Collected: 10/17/16
Time Collected: 9:11
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	116	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.	68	10	ug/L	
Magnesium, diss.	58.8	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G214
Sample No: 16-5962-013

Date Collected: 10/17/16
Time Collected: 9:11
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G214
Sample No: 16-5962-013

Date Collected: 10/17/16
Time Collected: 9:11
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: G215

Sample No: 16-5962-014

Date Collected: 10/18/16

Time Collected: 9:42

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.38	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	188	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	117	15	mg/L	10/26/16	375.2R2.0	
Total Dissolved Solids	833	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G215
Sample No: 16-5962-014

Date Collected: 10/18/16
Time Collected: 9:42
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	82	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.	55.4	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G215
Sample No: 16-5962-014

Date Collected: 10/18/16
Time Collected: 9:42
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: G215
Sample No: 16-5962-014

Date Collected: 10/18/16
Time Collected: 9:42
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	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: 16-5962-015

Date Collected: 10/18/16
Time Collected: 8:59
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.32	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	33	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/26/16	375.2R2.0	J
Total Dissolved Solids	454	10	mg/L	10/24/16	2540C 1997	
pH @ 25°C	7.30		Units	10/21/16 13:00	4500H+,B 2000	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G216
Sample No: 16-5962-015

Date Collected: 10/18/16
Time Collected: 8:59
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	194	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.	47.1	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 16-5962-015

Date Collected: 10/18/16
Time Collected: 8:59
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	8:59
Sample ID:	G216	**Date Received:**	10/20/16
Sample No:	16-5962-015	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G217
Sample No: 16-5962-016

Date Collected: 10/19/16
Time Collected: 9:16
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.58	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	10	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/26/16	375.2R2.0	J
Total Dissolved Solids	415	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G217
Sample No: 16-5962-016

Date Collected: 10/19/16
Time Collected: 9:16
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	114	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: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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:**	10/19/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	9:16
Sample ID:	G217	**Date Received:**	10/20/16
Sample No:	16-5962-016	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G217
Sample No: 16-5962-016

Date Collected: 10/19/16
Time Collected: 9:16
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G219
Sample No: 16-5962-017

Date Collected: 10/18/16
Time Collected: 13:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.78	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	88	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil & Grease	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 0.010	0.010	mg/L	11/01/16	9066	
Sulfate, Dissolved	97	15	mg/L	10/26/16	375.2R2.0	
Total Dissolved Solids	936	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G219
Sample No: 16-5962-017

Date Collected: 10/18/16
Time Collected: 13:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte		Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16			Preparation Date: 10/27/16		
Arsenic, diss.		14	10	ug/L	
Boron, diss.		247	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.		96.3	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**				
Analysis Date: 10/27/16					
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds (8011)	**Method: 8011**				
Analysis Date: 11/10/16					
1,2-Dibromo-3-chloropropane		< 0.2	0.2	ug/L	
1,2-Dibromoethane (EDB)		< 0.05	0.05	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**				
Analysis Date: 10/28/16					
Acetone		< 10.0	10.0	ug/L	
Acrylonitrile		< 100	100	ug/L	
Benzene		1.2	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		2.3	2.0	ug/L	
Chloroform		< 1.0	1.0	ug/L	
Chloromethane		< 2.0	2.0	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G219
Sample No: 16-5962-017

Date Collected: 10/18/16
Time Collected: 13:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/28/16				
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	1.1	1.0	ug/L	
1,2-Dichloroethane	2.9	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	2.2	1.0	ug/L	
Toluene	< 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: G219
Sample No: 16-5962-017

Date Collected: 10/18/16
Time Collected: 13:57
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/28/16				
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	13.5	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: G220
Sample No: 16-5962-018

Date Collected: 10/18/16
Time Collected: 13:18
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	3.35	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	5	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/26/16	375.2R2.0	J
Total Dissolved Solids	451	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	13:18
Sample ID:	G220	**Date Received:**	10/20/16
Sample No:	16-5962-018	**Date Reported:**	11/10/16

Analyte		Result	R.L.	Units	Flags
Dissolved Metals	**Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16			Preparation Date: 10/27/16		
Arsenic, diss.		26	10	ug/L	
Boron, diss.		369	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.		38.3	0.5	mg/L	
Dissolved Mercury	**Method: 7470A**				
Analysis Date: 10/27/16					
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds	**Method: 5030B/8260B**				
Analysis Date: 10/24/16					
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:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	13:18
Sample ID:	G220	**Date Received:**	10/20/16
Sample No:	16-5962-018	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G220
Sample No: 16-5962-018

Date Collected: 10/18/16
Time Collected: 13:18
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G221
Sample No: 16-5962-019

Date Collected: 10/18/16
Time Collected: 12:02
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	4.46	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	< 5	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/26/16	375.2R2.0	J
Total Dissolved Solids	391	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G221
Sample No: 16-5962-019

Date Collected: 10/18/16
Time Collected: 12:02
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	56	10	ug/L	
Boron, diss.	340	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.	33.0	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: G221
Sample No: 16-5962-019

Date Collected: 10/18/16
Time Collected: 12:02
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	12:02
Sample ID:	G221	**Date Received:**	10/20/16
Sample No:	16-5962-019	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)

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

Sample ID: R223

Sample No: 16-5962-020

Date Collected: 10/18/16

Time Collected: 12:35

Date Received: 10/20/16

Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	3.63	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	< 5	5	mg/L	10/24/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	10/26/16	375.2R2.0	J
Total Dissolved Solids	431	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: R223
Sample No: 16-5962-020

Date Collected: 10/18/16
Time Collected: 12:35
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	61	10	ug/L	
Boron, diss.	488	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.	40.4	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	12:35
Sample ID:	R223	**Date Received:**	10/20/16
Sample No:	16-5962-020	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/18/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	12:35
Sample ID:	R223	**Date Received:**	10/20/16
Sample No:	16-5962-020	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: DUP
Sample No: 16-5962-021

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.32	0.10	mg/L	10/26/16	350.1R2.0	
Chloride, Dissolved	177	5	mg/L	10/28/16	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	10/25/16	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	10/24/16	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	10/27/16	1664B 2010	
Phenols	< 10	10	ug/L	10/31/16	420.4R1.0	
Sulfate, Dissolved	181	15	mg/L	10/27/16	375.2R2.0	
Total Dissolved Solids	896	10	mg/L	10/24/16	2540C 1997	

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: DUP
Sample No: 16-5962-021

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/03/16		Preparation Date: 10/27/16		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	155	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.	54.6	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 10/27/16				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: DUP
Sample No: 16-5962-021

Date Collected: 10/17/16
Time Collected: 13:28
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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)	**Date Collected:**	10/17/16
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	13:28
Sample ID:	DUP	**Date Received:**	10/20/16
Sample No:	16-5962-021	**Date Reported:**	11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 11/10/16				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	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: 16-5962-022

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 16-5962-022

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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: 16-5962-023

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
Acetone	19.1	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: 16-5962-023

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 10/24/16				
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	

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: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: Trip Blank #3
Sample No: 16-5962-024

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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: 16-5962-024

Date Collected:
Time Collected:
Date Received: 10/20/16
Date Reported: 11/10/16

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 10/24/16				
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	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200
Fax (630) 778-1223

Andrews Engineering, Inc.
3300 Ginger Creek Drive
Springfield, Illinois 62711
phone: (217)787-2334 fax: (217) 787-9495
Send Report to: Colleen Grey

Analyses

Republic Services
ADS/McLean Co. LF #2 - GW

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

Date/Time Taken	Sample Description	Matrix	G1	G2										Comments	Lab I.D.
10/19/16 9:55AM	G218	W	X	X										500 cc unpreserved bottle is only half full due to well going dry.	16-5962-001
10/17/16 11:57AM	G222	W	X	X										G222 samples are in bottles labeled R223 and vice versa	002
10/19/16 10:34AM	G110	W	X	X											003
10/18/16 11:24AM	G113	W	X	X											004
10/18/16 10:12AM	G114	W	X	X											005
10/17/16 2:40PM	G115	W	X	X											006
10/17/16 8:31AM	G116	W	X	X											007
10/18/16 10:45AM	G209	W	X	X											008
10/17/16 11:14AM	G210	W	X	X											009
10/17/16 10:04AM	G211	W	X	X											010
10/17/16 2:06PM	G212	W	X	X											011
10/17/16 1:28PM	G213	W	X	X											012

FOR LAB USE ONLY:

Cooler Temperature: 0.1 - 6 ° C ✓ Yes ____ No 4.1°C Containers Received Preserved: ✓ Yes ____ No

Received within 6 hours of collection: ____

Ice Present: ✓ Yes ____ No

Notes and Special Instructions: please email COC to Andrews Engineering, Inc. once logged in (cgrey@andrews-eng.com)

Relinquished by: Daniel J. Mackinson **Date/Time:** 10/20/16 7:30 AM **Received by:** [signature] **Date/Time:** 10/20/16 730

Relinquished by: ____ **Date/Time:** ____ **Received by:** ____ **Date/Time:** ____

CHAIN OF CUSTODY RECORD

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Send Report to: Colleen Grey

Analyses

Republic Services
ADS/McLean Co. LF #2 - GW

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

Date/Time Taken	Sample Description	Matrix	G1	G2	App II / Class I	PH							Comments	Lab I.D.
10/17/16 9:11AM	G214	W	X	X									16-5962-013	
10/18/16 9:42AM	G215	W	X	X										014
10/18/16 8:59AM	G216	W	X	X		X								015
10/19/16 9:16AM	G217	W	X	X										016
10/18/16 1:57PM	G219	W	X	X	X									017
10/18/16 1:18PM	G220	W	X	X										018
10/18/16 12:02PM	G221	W	X	X										019
10/18/16 12:35PM	R223	W	X	X									R223 Samples are in bottles labeled G222 and vice versa	020
10/17/16 1:20PM	DUP	W	X	X										021
	Trip Blank #1													022
	Trip Blank #2 -RKG													023
	Trip Blank #3													024

FOR LAB USE ONLY:

Cooler Temperature: 0.1 - 6 ° C ✓ Yes ____ No 4.1°C Containers Received Preserved: ✓ Yes ____ No

Received within 6 hours of collection: ____

Ice Present: ✓ Yes ____ No

Notes and Special Instructions: please email COC to Andrews Engineering, Inc. once logged in (cgrey@andrews-eng.com)

Relinquished by: Daniel J. Mackinson **Date/Time:** 10/20/16 7:30AM **Received by:** [signature] **Date/Time:** 10/20/16 730

Relinquished by: ____ **Date/Time:** ____ **Received by:** ____ **Date/Time:** ____