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: G222
Sample No: 18-2706-002

Date Collected: 05/15/18
Time Collected: 11:34
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	3.31	0.10	mg/L	05/24/18	350.1R2.0	
Chloride, Dissolved	9	5	mg/L	05/25/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/24/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/21/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	05/30/18	1664B 2010	
Phenols	< 10	10	ug/L	05/31/18	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	06/04/18	375.2R2.0	J
Total Dissolved Solids	458	10	mg/L	05/18/18 9:30	2540C 1997	

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Sample ID: G222
Sample No: 18-2706-002

Date Collected: 05/15/18
Time Collected: 11:34
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 06/08/18		Preparation Date: 06/07/18		
Arsenic, diss.	62	10	ug/L	
Boron, diss.	464	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.	42.3	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/07/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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: G222
Sample No: 18-2706-002

Date Collected: 05/15/18
Time Collected: 11:34
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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: 18-2706-002

Date Collected: 05/15/18
Time Collected: 11:34
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/10/18				
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: 18-2706-005

Date Collected: 05/15/18
Time Collected: 10:07
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.40	0.10	mg/L	05/24/18	350.1R2.0	
Chloride, Dissolved	214	5	mg/L	05/25/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/24/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/25/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	05/30/18	1664B 2010	
Phenols	< 10	10	ug/L	05/31/18	420.4R1.0	
Sulfate, Dissolved	180	15	mg/L	06/04/18	375.2R2.0	
Total Dissolved Solids	1,080	10	mg/L	05/18/18 9:30	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: 18-2706-005

Date Collected: 05/15/18
Time Collected: 10:07
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C** **Preparation Method 3010A**				
Analysis Date: 06/06/18 Preparation Date: 05/24/18				
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	276	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.	67.2	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/07/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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: 18-2706-005

Date Collected: 05/15/18
Time Collected: 10:07
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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: 18-2706-005

Date Collected: 05/15/18
Time Collected: 10:07
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/10/18				
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: 18-2706-008

Date Collected: 05/15/18
Time Collected: 10:42
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	< 0.10	0.10	mg/L	05/24/18	350.1R2.0	
Chloride, Dissolved	85	5	mg/L	05/25/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/24/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/25/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	05/31/18	1664B 2010	
Phenols	< 10	10	ug/L	05/31/18	420.4R1.0	
Sulfate, Dissolved	111	15	mg/L	06/04/18	375.2R2.0	
Total Dissolved Solids	665	10	mg/L	05/18/18 9:30	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: 18-2706-008

Date Collected: 05/15/18
Time Collected: 10:42
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 06/06/18		Preparation Date: 05/24/18		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	73	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.	54.2	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/07/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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

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Project ID: ADS/McLean Co LF #2 - GW
Sample ID: G209
Sample No: 18-2706-008

Date Collected: 05/15/18
Time Collected: 10:42
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/29/18				
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: 18-2706-008

Date Collected: 05/15/18
Time Collected: 10:42
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/10/18				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

First Environmental Laboratories, Inc.
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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co LF #2 - GW
Sample ID: G213
Sample No: 18-2706-012

Date Collected: 05/15/18
Time Collected: 9:14
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.32	0.10	mg/L	05/24/18	350.1R2.0	
Chloride, Dissolved	170	5	mg/L	05/25/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	05/24/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	05/25/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	05/31/18	1664B 2010	
Phenols	< 10	10	ug/L	05/31/18	420.4R1.0	
Sulfate, Dissolved	147	15	mg/L	06/04/18	375.2R2.0	
Total Dissolved Solids	916	10	mg/L	05/18/18 9:30	2540C 1997	

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Analytical Report

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Sample ID: G213
Sample No: 18-2706-012

Date Collected: 05/15/18
Time Collected: 9:14
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C** **Preparation Method 3010A**				
Analysis Date: 06/06/18 Preparation Date: 05/24/18				
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	177	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.	59.5	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 06/07/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
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: G213
Sample No: 18-2706-012

Date Collected: 05/15/18
Time Collected: 9:14
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	**Method: 5030B/8260B**			
Analysis Date: 05/29/18				
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: 18-2706-012

Date Collected: 05/15/18
Time Collected: 9:14
Date Received: 05/17/18
Date Reported: 06/11/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 05/29/18				
Trichloroethene	< 1.0	1.0	ug/L	
Trichlorofluoromethane	< 1.0	1.0	ug/L	
1,2,3-Trichloropropane	< 1.0	1.0	ug/L	
1,2,4-Trimethylbenzene	< 1.0	1.0	ug/L	
1,3,5-Trimethylbenzene	< 1.0	1.0	ug/L	
Vinyl acetate	< 5.0	5.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 1.0	1.0	ug/L	
Volatile Organic Compounds (8011) **Method: 8011**				
Analysis Date: 06/10/18				
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

Andrews Engineering, Inc.
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 10:07 AM
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G114**

Sampling Equipment: [X] Dedicated Pump [ ] Disposable Bailer [ ] Other: ____

Filter: [ ] Not Applicable [X] In-Line Disposable [ ] Vacuum [ ] Other: ____

Elevation of MP: 741.85 ft. MSL Total Depth: ____ ft. (53.7)

Depth to Water: 19.61' ft. (~19.3) Volume: ____ gal.

GW Elevation: ____ ft. MSL (Total Depth - Depth to Water x 0.162)

Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
9:57A	6.56	1463	7.95	
9:59A	6.36	1552	7.63	DTW = 19.62'
10:01A	6.34	1577	7.58	
10:03A	6.35	1564	7.54	DTW = 19.65'
10:05A	6.37	1586	7.51	
10:07A	6.37	1587	7.49	DTW = 19.68'

Number of Bottles Filled: ALL Description of Bottles Not Filled: ____

Sample Appearance:

Turbidity: [ ] Clear [ ] Slight [X] Moderate [ ] High

Color: [X] Clear [ ] Other ____

Odor: [X] None [ ] Other ____

Weather Conditions:

Wind Speed/Direction: 12 NNW

Precipitation: Y or (N) Temp: 72°

Outlook: Overcast

Notes:

IEPA Split Sample

GAL Purged = 2 1/4 GAL

(1) filter used

Well Condition Inspection:

Yes	No	N/A	
X			Is the well location correctly shown on map, labeled and flagged if hard to find?
X			Is the well free of physical damage, kinks or bends?
X			Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
X			Is a lock present and in good condition?
X			If necessary, are protective posts present?
X			Does the well have weep holes at the base of the protective casing?
X			Is the annular space appropriately filled with filtering material and free of animal/insect nests?
X			Is the casing secure and in good condition?
X			Is the pad in good condition (free of erosion, cracks, etc.)?
X			Is the protective casing in good condition and free of rust?
	X		If rust is identified on the casing, does it affect the security of the well?
X			Is the riser cap properly vented?

Place a comment in the Notes section for any "No" answers.

Date: 5/15/18 Signature: ____ Company: Andrews Engineering, Inc.

Andrews Engineering, Inc.
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 10:42 AM
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G209**

Sampling Equipment: [X] Dedicated Pump [ ] Disposable Bailer [ ] Other:

Filter: [ ] Not Applicable [X] In-Line Disposable [ ] Vacuum [ ] Other:

Elevation of MP: 745.62 ft. MSL Total Depth: — ft. (41.2)

Depth to Water: 23.03 ft. (~22.7) Volume: — gal.

GW Elevation: — ft. MSL (Total Depth - Depth to Water x 0.162)

Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
10:34A	7.33	888	10.79	
10:36A	6.57	1043	8.30	DTW = 23.03'
10:38A	6.51	1052	8.53	
10:40A	6.50	1059	8.51	DTW = 23.04'
10:42A	6.49	1060	8.51	

Number of Bottles Filled: ALL Description of Bottles Not Filled: —

Sample Appearance:

Turbidity: [ ] Clear [X] Slight [ ] Moderate [ ] High

Color: [X] Clear [ ] Other

Odor: [X] None [ ] Other

Weather Conditions:

Wind Speed/Direction: 11 N

Precipitation: (Y) N Temp: 74°

Outlook: overcast / sprinkles

Notes:

IEPA Split Sample

GAL Purged: 2 1/2 GAL

1 filter used

Well Condition Inspection:

Yes	No	N/A	
X			Is the well location correctly shown on map, labeled and flagged if hard to find?
X			Is the well free of physical damage, kinks or bends?
X			Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
X			Is a lock present and in good condition?
X			If necessary, are protective posts present?
X			Does the well have weep holes at the base of the protective casing?
X			Is the annular space appropriately filled with filtering material and free of animal/insect nests?
X			Is the casing secure and in good condition?
X			Is the pad in good condition (free of erosion, cracks, etc.)?
X			Is the protective casing in good condition and free of rust?
	X		If rust is identified on the casing, does it affect the security of the well?
X			Is the riser cap properly vented?

Place a comment in the Notes section for any "No" answers.

Date: 5/15/18 Signature: DJM Company: Andrews Engineering, Inc.

Andrews Engineering, Inc.
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 9:14 AM
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G213**

Sampling Equipment: [X] Dedicated Pump [ ] Disposable Bailer [ ] Other: ____

Filter: [ ] Not Applicable [X] In-Line Disposable [ ] Vacuum [ ] Other: ____

Elevation of MP: 737.64 ft. MSL Total Depth: — ft. (37.9)

Depth to Water: 16.48 ft. (~16.1) Volume: — gal.

GW Elevation: — ft. MSL (Total Depth - Depth to Water x 0.162)

Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
8:58A	6.24	1246	7.94	
9:00A	6.36	1364	7.70	DTW = 16.50'
9:02A	6.27	1400	7.73	
9:04A	6.29	1412	7.69	DTW = 16.48'
9:06A	6.31	1415	7.71	
9:08A	6.33	1417	7.68	
9:10A	6.316	1418	7.73	
9:12A	6.38	1420	7.69	DTW = 16.48'
9:14A	6.40	1419	7.70	

Number of Bottles Filled: ALL Description of Bottles Not Filled: —

Sample Appearance:

Turbidity: [ ] Clear [ ] Slight [ ] Moderate [X] High

Color: [X] Clear [ ] Other ____

Odor: [X] None [ ] Other ____

Weather Conditions:

Wind Speed/Direction: 8 NW

Precipitation: Y or (N) Temp: 69°

Outlook: overcast

Notes:

GAL Purged: ± 3.0 GAL

IEPA split sample

Sign damaged - needs to be replaced (1) filter used

Well Condition Inspection:

Yes	No	N/A	
X			Is the well location correctly shown on map, labeled and flagged if hard to find?
X			Is the well free of physical damage, kinks or bends?
X			Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
X			Is a lock present and in good condition?
X			If necessary, are protective posts present?
X			Does the well have weep holes at the base of the protective casing?
X			Is the annular space appropriately filled with filtering material and free of animal/insect nests?
X			Is the casing secure and in good condition?
X			Is the pad in good condition (free of erosion, cracks, etc.)?
X			Is the protective casing in good condition and free of rust?
	X		If rust is identified on the casing, does it affect the security of the well?
X			Is the riser cap properly vented?

Place a comment in the Notes section for any "No" answers.

Date: 5/15/18 Signature: DJM Company: Andrews Engineering, Inc.

Andrews Engineering, Inc.
Groundwater Monitoring Field Form

Date(mm/dd/yy): 5/15/18 Time: 11:34AM
Personnel (Initials): DJM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: G222

Sampling Equipment: [X] Dedicated Pump [ ] Disposable Bailer [ ] Other: ____

Filter: [ ] Not Applicable [X] In-Line Disposable [ ] Vacuum [ ] Other: ____

Elevation of MP: 750.6 ft. MSL Total Depth: — ft. (65.15)

Depth to Water: 24.20' ft. (~24.8) Volume: — gal.

GW Elevation: — ft. MSL (Total Depth - Depth to Water x 0.162)

Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
11:16A	7.13	733	8.71	
11:18A	6.80	843	7.97	DTW = 24.38'
11:20A	6.80	870	7.92	
11:22A	6.82	878	7.87	
11:24A	6.85	859	7.84	
11:26A	6.88	836	7.91	
11:28A	6.89	815	7.93	
11:30A	6.89	795	7.91	
11:32A	6.88	781	7.93	
11:34A	6.87	779	7.94	

Number of Bottles Filled: ALL Description of Bottles Not Filled: —

Sample Appearance:

Turbidity: [ ] Clear [ ] Slight [ ] Moderate [X] High

Color: [ ] Clear [X] Other Brown

Odor: [ ] None [X] Other Sour

Weather Conditions:

Wind Speed/Direction: 0 NW

Precipitation: Y or (N) Temp: 69°

Outlook: overcast

Notes:

IEPA Split Sample

GAL Purged = 3 1/2 GAL

(1) filter used

Well Condition Inspection:

Yes	No	N/A	
X			Is the well location correctly shown on map, labeled and flagged if hard to find?
X			Is the well free of physical damage, kinks or bends?
X			Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?
X			Is a lock present and in good condition?
X			If necessary, are protective posts present?
X			Does the well have weep holes at the base of the protective casing?
	X		Is the annular space appropriately filled with filtering material and free of animal/insect nests?
X			Is the casing secure and in good condition?
X			Is the pad in good condition (free of erosion, cracks, etc.)?
X			Is the protective casing in good condition and free of rust?
	X		If rust is identified on the casing, does it affect the security of the well?
X			Is the riser cap properly vented?

Place a comment in the Notes section for any "No" answers.

Date: 5/15/18 Signature: DJM Company: Andrews Engineering, Inc.