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: G110
Sample No: 18-6780-001

Date Collected: 11/07/18
Time Collected: 9:39
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	2.83	0.10	mg/L	11/09/18	350.1R2.0	
Chloride, Dissolved	7	5	mg/L	11/09/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	11/14/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	11/12/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	11/15/18	1664B 2010	
Phenols	< 10	10	ug/L	11/20/18	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	11/14/18	4500SO4,E	N
Total Dissolved Solids	421	10	mg/L	11/13/18	2540C 1997	

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Sample No: 18-6780-001

Date Collected: 11/07/18
Time Collected: 9:39
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/14/18		Preparation Date: 11/09/18		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	210	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.	40.6	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 12/04/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: G110
Sample No: 18-6780-001

Date Collected: 11/07/18
Time Collected: 9:39
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: G110
Sample No: 18-6780-001

Date Collected: 11/07/18
Time Collected: 9:39
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B** Analysis Date: 11/13/18				
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: 11/29/18				
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): 11/7/18 Time: 9:39
Personnel (Initials): CAM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G110**

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

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

Elevation of MP: 786.98 ft. MSL Total Depth: ____ ft. (80.95)

Depth to Water: 65.57 ft. (~65.2) 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
934	7.54	608.1	13.3	
935	7.54	632.5	13.7	
936	7.12	638.6	13.3	
937	7.13	641	13.3	
938	7.16	643	13.3	0.75 gal purge
				DTW 65.88
				& Filter

Number of Bottles Filled: 2 Description of Bottles Not Filled: ____

Sample Appearance:

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

Color: [X] Clear [ ] Other ____

Odor: [X] None [ ] Other ____

Weather Conditions:

Wind Speed/Direction: SW 7-10

Precipitation: Y or (N) Temp: 40's

Outlook: P. Cloudy

Notes: Pad buried. Needs Fill. Weephole buried

Well Condition Inspection:

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

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

Date: 11/7 Signature: ____ Company: Andrews Engineering, Inc.

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G115
Sample No: 18-6780-004

Date Collected: 11/07/18
Time Collected: 8:37
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.10	0.10	mg/L	11/09/18	350.1R2.0	
Chloride, Dissolved	96	5	mg/L	11/09/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	11/14/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	11/12/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	11/15/18	1664B 2010	
Phenols	< 10	10	ug/L	11/20/18	420.4R1.0	
Sulfate, Dissolved	261	15	mg/L	11/14/18	4500SO4,E	N
Total Dissolved Solids	929	10	mg/L	11/13/18	2540C 1997	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	8:37
Sample ID:	G115	**Date Received:**	11/08/18
Sample No:	18-6780-004	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/14/18		Preparation Date: 11/09/18		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	184	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.	44.8	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 12/04/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	8:37
Sample ID:	G115	**Date Received:**	11/08/18
Sample No:	18-6780-004	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	8:37
Sample ID:	G115	**Date Received:**	11/08/18
Sample No:	18-6780-004	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B** Analysis Date: 11/13/18				
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: 11/29/18				
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): 11/7/18 Time: 8:37
Personnel (Initials): CLM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G115**

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

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

Elevation of MP: 740.67 ft. MSL Total Depth: ____ ft. (38.65)

Depth to Water: 19.10 ft. (~18.7) 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
831	6.54	1152	13.5	
833	6.78	1117	13.3	
834	6.97	1107	13.3	
835	6.90	1104	13.2	
836	6.92	1103	13.3	0.75 gal purge
				DTW 19.33
				1V filter

Number of Bottles Filled: 2 Description of Bottles Not Filled: ____

Sample Appearance:

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

Color: [X] Clear [ ] Other ____

Odor: [X] None [ ] Other ____

Weather Conditions:

Wind Speed/Direction: S 5-7

Precipitation: Y or (N) Temp: 40's

Outlook: M. Sunny

Notes: Needs fill. Top of prot. casing unsecure

Well Condition Inspection:

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

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

Date: 11/7 Signature: ____ Company: Andrews Engineering, Inc.

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	10:58
Sample ID:	G215	**Date Received:**	11/08/18
Sample No:	18-6780-009	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	0.43	0.10	mg/L	11/09/18	350.1R2.0	
Chloride, Dissolved	133	5	mg/L	11/09/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	11/14/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	11/12/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	11/15/18	1664B 2010	
Phenols	< 10	10	ug/L	11/20/18	420.4R1.0	
Sulfate, Dissolved	116	15	mg/L	11/14/18	4500SO4,E	N
Total Dissolved Solids	713	10	mg/L	11/13/18	2540C 1997	

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Analytical Report

Client:	REPUBLIC SERVICES (McLean)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	10:58
Sample ID:	G215	**Date Received:**	11/08/18
Sample No:	18-6780-009	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/14/18		Preparation Date: 11/09/18		
Arsenic, diss.	< 5	10	ug/L	J
Boron, diss.	80	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.	51.1	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 12/04/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: G215
Sample No: 18-6780-009

Date Collected: 11/07/18
Time Collected: 10:58
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B** Analysis Date: 11/13/18				
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)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	10:58
Sample ID:	G215	**Date Received:**	11/08/18
Sample No:	18-6780-009	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: 11/29/18				
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): 11/7/18 Time: 10:58
Personnel (Initials): CLM

Site/Location: ADS/McLean Co. LF #2 Well ID/Description: **G215**

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

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

Elevation of MP: 739.29 ft. MSL Total Depth: _____ ft. (44.85)

Depth to Water: 18.18 ft. (~17.9) 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
1053	7.87	944	14.8	
1054	7.34	1040	15.0	
1055	7.12	1067	14.9	
1056	7.09	1073	15.0	
1057	7.06	1079	14.9	0.75 gal purge. DTW 18.63
				1x Filter

Number of Bottles Filled: 10 Description of Bottles Not Filled: _____

Sample Appearance:

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

Color: [X] Clear [ ] Other _____

Odor: [X] None [ ] Other _____

Weather Conditions:

Wind Speed/Direction: SW 5-7

Precipitation: Y or (N) Temp: 50's

Outlook: Sunny

Notes: _____

Well Condition Inspection:

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

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

Date: 11/7 Signature: _____ Company: Andrews Engineering, Inc.

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Analytical Report

Client: REPUBLIC SERVICES (McLean)
Project ID: ADS/McLean Co. LF #2 - GW
Sample ID: G222
Sample No: 18-6780-011

Date Collected: 11/07/18
Time Collected: 8:49
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Date Analyzed	Method	Flag
Ammonia (as N), Dissolved	3.90	0.10	mg/L	11/09/18	350.1R2.0	
Chloride, Dissolved	< 5	5	mg/L	11/09/18	4500Cl, E 1997	
Cyanide, Total	< 0.005	0.005	mg/L	11/14/18	335.4R1.0	
Nitrate (as N), Dissolved	< 0.10	0.10	mg/L	11/12/18	353.2R2.0	
Oil (Hexane soluble)	< 5	5	mg/L	11/15/18	1664B 2010	
Phenols	< 10	10	ug/L	11/20/18	420.4R1.0	
Sulfate, Dissolved	< 10	15	mg/L	11/14/18	4500SO4,E	N
Total Dissolved Solids	429	10	mg/L	11/13/18	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: 18-6780-011

Date Collected: 11/07/18
Time Collected: 8:49
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Dissolved Metals **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 11/14/18		Preparation Date: 11/09/18		
Arsenic, diss.	59	10	ug/L	
Boron, diss.	476	50	ug/L	
Cadmium, diss.	< 1	5	ug/L	J
Chromium, diss.	< 1	5	ug/L	J
Lead, diss.	< 2	5	ug/L	J
Zinc, diss.	< 5	10	ug/L	J
Magnesium, diss.	40.7	0.5	mg/L	
Dissolved Mercury **Method: 7470A**				
Analysis Date: 12/04/18				
Mercury, diss.	< 0.5	0.5	ug/L	
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: 18-6780-011

Date Collected: 11/07/18
Time Collected: 8:49
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B**				
Analysis Date: 11/13/18				
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: 18-6780-011

Date Collected: 11/07/18
Time Collected: 8:49
Date Received: 11/08/18
Date Reported: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B** Analysis Date: 11/13/18				
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)	**Date Collected:**	11/07/18
Project ID:	ADS/McLean Co. LF #2 - GW	**Time Collected:**	8:49
Sample ID:	G222	**Date Received:**	11/08/18
Sample No:	18-6780-011	**Date Reported:**	12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5030B/8260B** Analysis Date: 11/13/18				
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: 11/29/18				
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): 11/07/18 Time: 8:49
Personnel (Initials): _____

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: 17.37 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
8:44	7.19	737	10.7	
8:45	7.21	757	11.6	
8:49	7.19	763	11.2	
				DTW 15.53
				1 Gallon
				1 gal vol purge

Number of Bottles Filled: _____ Description of Bottles Not Filled: _____

Sample Appearance:

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

Color: [✓] Clear [ ] Other _____

Odor: [✓] None [ ] Other _____

Weather Conditions:

Wind Speed/Direction: NW 7mph

Precipitation: Y or (N) Temp: 36°

Outlook: _____

Notes: _____

Well Condition Inspection:

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

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

Date: 11/07/18 Signature: _____ Company: Andrews Engineering, Inc.