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

Analytical Report

Client:

REPUBLIC SERVICES (McLean)

Date Collected:

11/07/18

Project ID:

ADS/McLean Co. LF #2 - GW

Time Collected: 9:

9:39

Sample ID:

G110

Date Received:

11/08/18

Sample No:

18-6780-001

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	

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

Analyte		Result	R.L.	Units	Flags
Dissolved Metals Analysis Date: 11/14/18	Method: 6010C		Preparation Preparation I		
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 Analysis Date: 12/04/18	Method: 7470A				
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/	8260B			
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	

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: 1

11/08/18

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

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

ted: 12/04/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/8260B			
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) Analysis Date: 11/29/18	Method: 8011			
1,2-Dibromo-3-chloropropane	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0.05	0.05	ug/L	

\$		gineering, Inc. Ionitoring Field Form	Date(mm/dd/yy): _ Personnel (Initials): _	11/7/18 Time: 9:39
		an Co. LF #2 Dedicated Pump X In-Line Disposable	Well ID/Description: Dsable Bailer	
1	of MP: 786.9 Vater: 65.5		Total Depth:Volume:	
GW Elev		ft. MSL		Depth to Water x 0.162)
Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
934	7.56	(32.5	17.7	
936	7.12	638.6	13.7	
977	7.13	641	13',3	0.50
138	7.14	447	13.7	DN 65, x8 purge
				1 Fifter
Number of	Bottles Filled:	Description of Bot	ttles Not Filled:	
Sample Ap	pearapce:		Weather Condition	s:
Turbidity:	Clear	Slight Moderate Hig	gh Wind Speed/Direction	on: 5 W 7-10
Color:	Cléar	Other	Precipitation: Y of	(N Temp: Uo's
Odor:	None	Other	— · — À	· Clordy
Notes:	Put yun's	Needs F. II. I.	Dies hald being	
	PLX YUNG	1. 12 1009 11 11 1	ser note some	
W	ell Condition Inspe	ection:		
Y	es No N/A	Place a comment in the Note	es section for any "No" a	nswers.
		Is the well location correctly sh	nown on map, labeled and	flagged if hard to find?
		Is the well free of physical dan		
	\mathcal{X}			pad sloped to prevent ponding?
_		Is a lock present and in good		
-		If necessary, are protective po		live cooles?
		Does the well have weep hole		_
	A 1	Is the casing secure and in go		erial and free of animal/insect nests?
<u> </u>		Is the pad in good condition (fi		12
	1	Is the protective casing in goo		
			casing, does it affect the	
		Is the riser cap properly vente		
	The state of the s			
Date: \(\)	Signature	e: _///	Company:	Andrews Engineering, Inc.
	1	VV IN		Printed:9/22/2018 12:47 PM
		1/		

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

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: 18-6

18-6780-004

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	

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:

G115

Sample No:

18-6780-004

Date Collected: 11/07/18

Time Collected: 8:37

Date Received:

11/08/18

Analyte		Result	R.L.	Units	Flags
Dissolved Metals Analysis Date: 11/14/18	Method: 6010C		Preparation Preparation I		
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 Analysis Date: 12/04/18	Method: 7470A				
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/8	8260B			
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	

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

Analytical Report

Client: REPUBLIC SERVICES (McLean) ADS/McLean Co. LF #2 - GW

Project ID:

Sample ID: G115

Sample No: 18-6780-004 **Date Collected:** 11/07/18

Time Collected: 8:37

Date Received: 11/08/18

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	

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:

G115

Sample No:

18-6780-004

Date Collected: 11/07/18

Time Collected: 8:37

Date Received:

11/08/18

Analyte		Result	R.L.	Units	Flags
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/82	60B			
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) Analysis Date: 11/29/18	Method: 8011				
1,2-Dibromo-3-chloropropane	<	< 0.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	<	< 0.05	0.05	ug/L	

*	_	ngineering, Inc. Monitoring Field Form	Date(mm/dd/yy): _ Personnel (Initials): _	((,),() Time: 8:3}
Site/Loc	cation: ADS/McL	ean Co. LF #2	Well ID/Description:	G115
Samplin	ng Equipment:	X Dedicated Pump Disp	osable Bailer Oth	er:
Filter:	Not Applicable	and I have !	Vacuum Other:	
Elevation	on of MP: 740.	67 ft. MSL	Total Depth:	ft. (38.65)
Depth to	ار الا Water: الم) ft. (~18.7)	Volume:	
	Elevation:	ft. MSL		- Depth to Water x 0.162)
Time	pH (std units)	Spec. Cond. (umhos/cm)	Temp. (deg C or F)	Notes
839		1152	13.5	
13		1117	17.3	
\$34 835		101	13.7	
330		1103	13.3	0-75 50\ AUTUL
				DR 19,33
		-		1 Filter
Number	of Bottles Filled:	P Description of Bo	ttles Not Filled:	
Sample	Appearance		Weather Condition	ns:
Turbidity	r: Clear	Slight Moderate Hi	gh Wind Speed/Direct	ion:
Color:	Clear	Other	Precipitation: Y o	N Temp: 4 40's
Odor:	None	Other	Outlook:	M. Suny
Notes:	Nools III			
Notes.	1000x3 +(1)	. Top of prot. chy	thy unsecure	
		market and the second of the s		
	Name to the same t			
	Well Condition Insp	ection:		
1	No - No AVA			
	Yes No N/A	Place a comment in the Not		
	TW.	Is the well location correctly sl Is the well free of physical dar		rilagged if hard to lind?
	W		-	pad sloped to prevent ponding?
		Is a lock present and in good		pad sloped to prevent ponding:
		If necessary, are protective po		
		Does the well have weep hole		ctive casing?
	///	187		terial and free of animal/insect nests?
	1 the	Is the casing secure and in go	od condition?	
ļ		Is the pad in good condition (f	ree of erosion, cracks, etc	.)?
*		✓s the protective casing in goo		
]	1		e casing, does it affect the	security of the well?
L		Is the riser cap properly vente	d?	
- Coloren - Color	1	/ // / /		· Augustus and a superior of the superior of t
Doto	117	/ //		Andrews Engineering In-
Date:	VI Signatu	re. / V	Company:	Andrews Engineering, Inc.

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:

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

				Data		
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	

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:

G215

Sample No:

18-6780-009

Date Collected: 11/07/18

Time Collected: 10:58

Date Received:

11/08/18

Analyte		Result	R.L.	Units	Flags
Dissolved Metals Analysis Date: 11/14/18	Method: 6010C		Preparation Method 3010A 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 Analysis Date: 12/04/18	Method: 7470A				
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/	8260B			
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	

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:

G215

Sample No: 18-6780-009

Date Collected: 11/07/18

Time Collected: 10:58

Date Received: 11/08/18

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



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: Sample No: G215

18-6780-009

Date Collected: 11/07/18

Time Collected: 10:58

Date Received:

11/08/18

Date	Repor	•
Date	Kepoi	

rted: 12/04/18

Analyte	Resul	t R.L.	Units	Flags
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/8260B			
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) Analysis Date: 11/29/18	Method: 8011			
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): ロヤノノリタ Time: lo: 5
Site/Location: ADS/McLean Co. LF #2 Sampling Equipment: X Dedicated Pump Dis Filter: Not Applicable X In-Line Disposable	Well ID/Description: G215 sposable Bailer Other: Vacuum Other:
Elevation of MP: 739.29 ft. MSL Depth to Water: \(\frac{\frac{1}{2} \lambda \frac{1}{2}}{1} \) ft. (~17.9) GW Elevation: ft. MSL	Total Depth: ft. (44.85) Volume: gal. (Total Depth - Depth to Water x 0.162)
Time pH (std units) Spec. Cond. (umhos/cm)	Temp. (deg C or F) Notes 14.8 15.0 14.9 15.0 14.9 17.9 0.75 ynl pwy. D?U 18.63
Number of Bottles Filled: D Description of E Sample Appearance: Turbidity: Clear Slight Moderate Color: Clear Other Odor: None Other Notes:	Weather Conditions: High Wind Speed/Direction: SW 5-7 Precipitation: Y (N) Temp: So's Outlook: Swy
Is the well location correctly Is the well free of physical of Is the well absent of standir Is a lock present and in goo If necessary, are protective Does the well have weep ho	ng/ponding water; and is the pad sloped to prevent ponding? I'd condition? posts present? poles at the base of the protective casing? priately filled with filtering material and free of animal/insect nests?

10: 58

Company: Andrews Engineering, Inc. Signature: Printed:9/22/2018 12:47 PM

If rust is identified on the casing, does it affect the security of the well?

Is the pad in good condition (free of erosion, cracks, etc.)? Is the protective casing in good condition and free of rust?

Is the riser cap properly vented?

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

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	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	

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: 18-6780-011

Date Collected: 11/07/18

Time Collected: 8:49

Date Received: 11/08/18

Analyte		Result	R.L.	Units	Flags
Dissolved Metals Analysis Date: 11/14/18	Method: 6010C		Preparation Preparation I		
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 Analysis Date: 12/04/18	Method: 7470A				
Mercury, diss.		< 0.5	0.5	ug/L	
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/	8260B			
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	

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:

18-6780-011

Date Collected: 11/07/18

Time Collected: 8:49

Date Received:

11/08/18

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5030B/8260B			
Analysis Date: 11/13/18	. 10	1.0	/T	
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	

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

Analytical Report

REPUBLIC SERVICES (McLean) **Date Collected:** 11/07/18 **Client:** 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

Volatile Organic Compounds Analysis Date: 11/13/18 1,3-Dichlorobenzene < 1.0 1.0 ug/L 1,4-Dichlorobenzene < 1.0 1.0 ug/L 1,4-Dichlorobenzene < 1.0 1.0 ug/L 1,4-Dichlorobenzene < 1.0 1.0 ug/L 1,4-Dichlorodenzene < 1.0 1.0 ug/L 1,1-Dichlorodenzene < 1.0 1.0 ug/L 1,1-Dichloroethane < 1.0 1.0 ug/L 1,1-Dichloroethane < 1.0 1.0 ug/L 1,1-Dichloroethane < 1.0 1.0 ug/L 1,1-Dichloroethene < 1.0 1.0 ug/L 1,2-Dichloroethene < 1.0 1.0 ug/L 1,2-Dichloropropane < 1.0 1.0 ug/L 1,2-Dichloropropane < 1.0 1.0 ug/L 1,3-Dichloropropane < 1.0 1.0 ug/L 1,3-Dichloroprop	Analyte	Result	R.L.	Units	Flags
1,4-Dichlorobenzene < 1.0		Method: 5030B/8260B			
trans-1,4-Dichloro-2-butene < 1.0 1.0 ug/L Dichlorodifluoromethane < 1.0	1,3-Dichlorobenzene	< 1.0	1.0	ug/L	
Dichlorodifluoromethane	1,4-Dichlorobenzene	< 1.0	1.0	ug/L	
1,1-Dichloroethane < 1.0	trans-1,4-Dichloro-2-butene	< 1.0	1.0	ug/L	
1,2-Dichloroethane < 1.0	Dichlorodifluoromethane	< 1.0	1.0	ug/L	
1,1-Dichloroethene < 1.0	1,1-Dichloroethane	< 1.0	1.0	ug/L	
cis-1,2-Dichloroethene < 1.0	1,2-Dichloroethane	< 1.0	1.0	ug/L	
trans-1,2-Dichloroethene < 1.0	1,1-Dichloroethene	< 1.0	1.0	ug/L	
1,2-Dichloropropane < 1.0	cis-1,2-Dichloroethene	< 1.0	1.0	ug/L	
1,3-Dichloropropane < 1.0	trans-1,2-Dichloroethene	< 1.0	1.0	ug/L	
2,2-Dichloropropane < 1.0	1,2-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene < 1.0	1,3-Dichloropropane	< 1.0	1.0	ug/L	
1,1-Dichloropropene < 1.0	2,2-Dichloropropane	< 1.0	1.0	ug/L	
cis-1,3-Dichloropropene < 1.0	1,1-Dichloropropene	< 1.0	1.0		
trans-1,3-Dichloropropene < 1.0	1,3-Dichloropropene (total)	< 1.0	1.0	ug/L	
Ethylbenzene < 1.0	cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Hexachlorobutadiene	trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
2-Hexanone < 1.0	Ethylbenzene	< 1.0	1.0	ug/L	
Iodomethane	Hexachlorobutadiene	< 5.0	5.0	ug/L	
Isopropylbenzene < 1.0	2-Hexanone	< 1.0	10	ug/L	J
Isopropylbenzene < 1.0	Iodomethane	< 1.0	1.0	ug/L	
4-Methyl-2-pentanone (MIBK) < 10.0	Isopropylbenzene	< 1.0	1.0		
Methylene chloride < 5.0	p-Isopropyltoluene	< 1.0	1.0	ug/L	
Naphthalene < 5.0	4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
n-Propylbenzene < 1.0	Methylene chloride	< 5.0	5.0	ug/L	
Styrene < 1.0	Naphthalene	< 5.0	5.0	ug/L	
1,1,1,2-Tetrachloroethane < 1.0	n-Propylbenzene	< 1.0	1.0	ug/L	
1,1,2,2-Tetrachloroethane < 1.0	Styrene	< 1.0	1.0	ug/L	
Tetrachloroethene < 1.0	1,1,1,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Tetrahydrofuran < 1.0	1,1,2,2-Tetrachloroethane	< 1.0	1.0	ug/L	
Toluene < 1.0	Tetrachloroethene	< 1.0	1.0	ug/L	
1,1,1-Trichloroethane < 1.0	Tetrahydrofuran	< 1.0	1.0	ug/L	
1,1,2-Trichloroethane < 1.0	Toluene	< 1.0	1.0	ug/L	
1,2,3-Trichlorobenzene < 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	
1,2,4-Trichlorobenzene < 1.0 ug/L	1,2,3-Trichlorobenzene	< 1.0	1.0	ug/L	
	1,2,4-Trichlorobenzene	< 1.0	1.0	ug/L	

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:

18-6780-011

Date Collected: 11/07/18

Time Collected: 8:49

Date Received:

11/08/18

Analyte	R	esult	R.L.	Units	Flags
Volatile Organic Compounds Analysis Date: 11/13/18	Method: 5030B/8260	В			
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) Analysis Date: 11/29/18	Method: 8011				
1,2-Dibromo-3-chloropropane	< 0	.02	0.02	ug/L	
1,2-Dibromoethane (EDB)	< 0	.05	0.05	ug/L	

\$	250	ndr ound
te/Locativ	n.	^

ews Engineering, Inc. dwater Monitoring Field Form

Date(mm/dd/yy):	11	1	071	18	Time:	8	:49
ersonnel (Initials):	1						

Site/Location: ADS/McL	ean Co. LF #2	Well ID/Description:	G222	
Sampling Equipment:	X Dedicated Pump Dispo	osable Bailer Other	r:	
Filter: Not Applicable	X In-Line Disposable	Vacuum Other:		
Elevation of MP: 750	.6 ft. MSL	Total Depth:	ft. (65.15)	
Depth to Water: 17.3	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	
S.44 7.19	737	10- Y		
8:48 7021 8:49 7:19	757	11.62		
3, 1-1	110.5			
			DTW 15.53	
			i Giller	
			1-gul vol purge	
Number of Bottles Filled:	Description of Ref	tion Not Filled:		
Sample Appearance: Weather Conditions:				
Turbidity: Clear Slight Moderate High Wind Speed/Direction: j\U \(\mathcal{U} \) \(\mathcal{D} \) \(
Color: Other Precipitation: Y or N Temp: 36				
Odor:				
Notes:				
Well Condition Inspection:				
Yes No N/A Place a comment in the Notes section for any "No" answers.				
163 110 11/14	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?				
Is the well absent of standing/ponding water; and is the pad sloped to prevent ponding?				
7				
X	in necessary, and protective protective			
X				
Is the annular space appropriately filled with filtering material and free of animal/insect nests?				
λ 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?				
and the second s	2 0			
Date: 14/07/18 Signature: Authority feel Company: Andrews Engineering, Inc.				