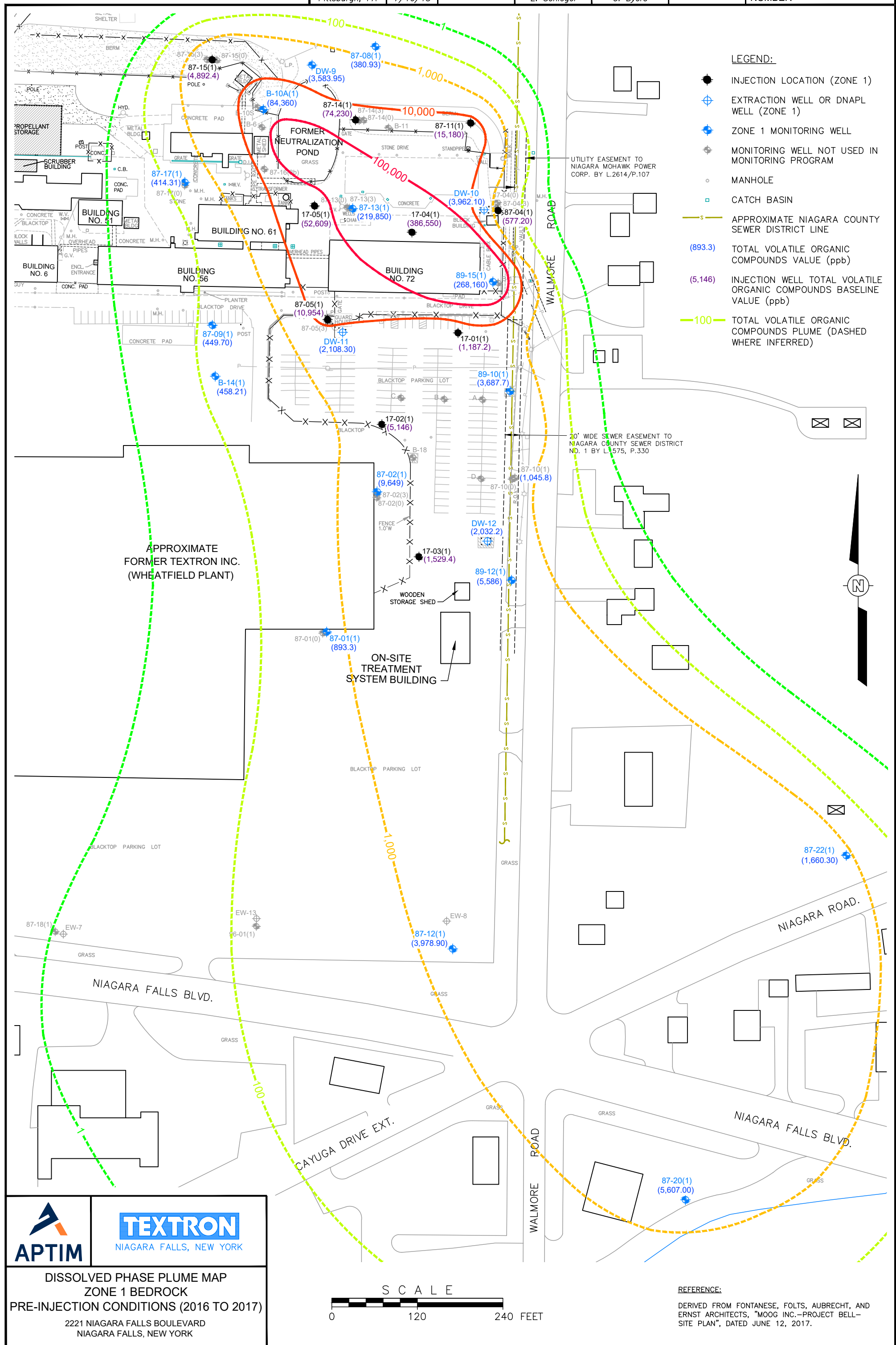
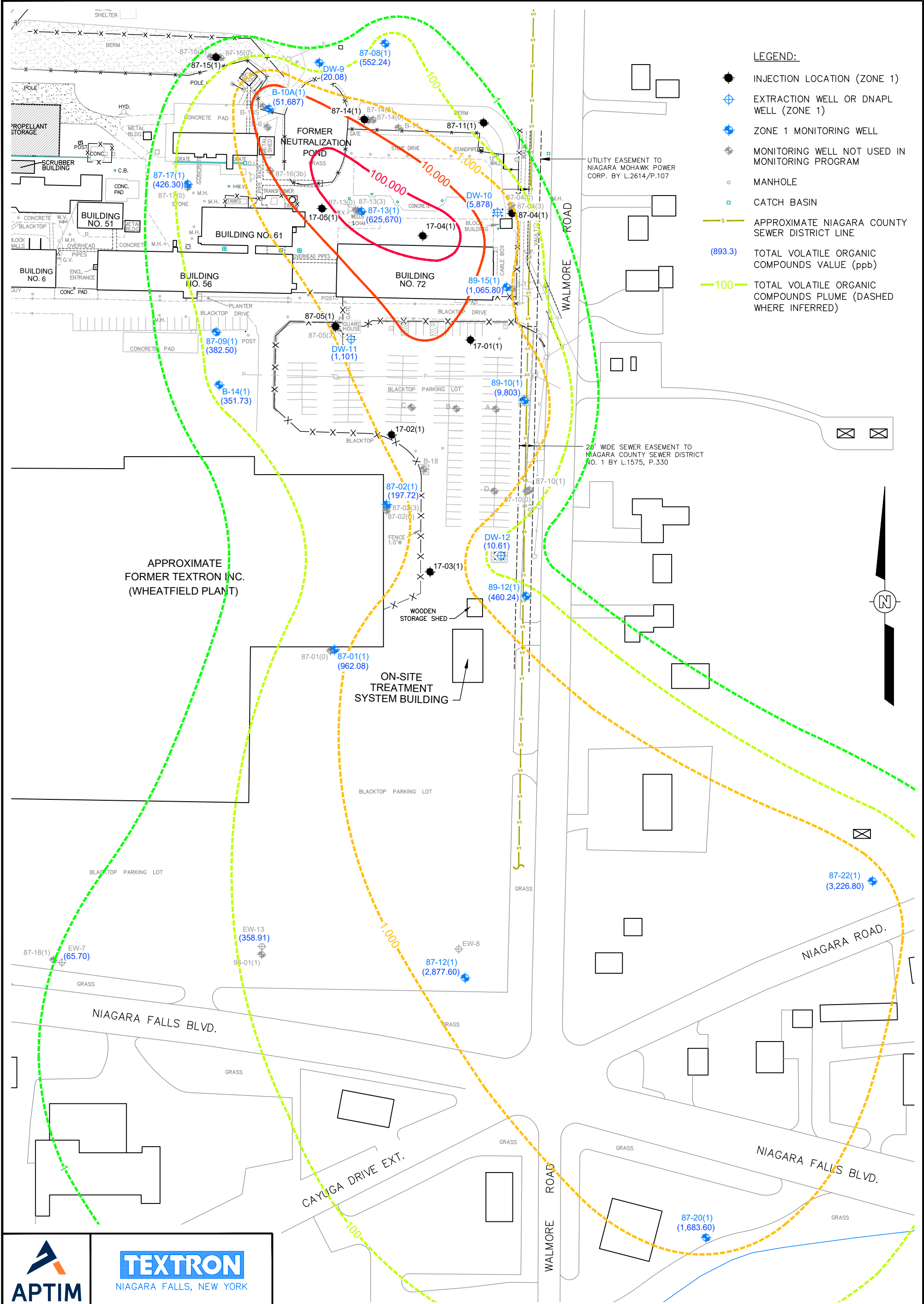




OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
Pittsburgh, PA	7/16/18	--	E. Schlegel	C. Byers	--	631236330-B4





NIAGARA FALLS, NEW YORK

DISSOLVED PHASE PLUME MAP
ZONE 1 BEDROCK
JUNE 2018
2221 NIAGARA FALLS BOULEVARD
NIAGARA FALLS, NEW YORK

REFERENCE:
DERIVED FROM FONTANESE, FOLTS, AUBRECHT, AND ERNST ARCHITECTS, "MOOG INC.-PROJECT BELL-SITE PLAN", DATED JUNE 12, 2017.

Table 1
Summary of Groundwater Elevation Data
Bioremediation Program
Former Bell Aerospace Textron, Inc.
Wheatfield, New York

Well ID	87-01(1)		87-02(1)		87-08(1)		87-09(1)		87-12(1)		87-13(1)	
Casing Elevation (ft msl) ¹	587.99		589.21		589.48		588.13		583.84		590.06	
Groundwater Measurement Date	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
November-17	17.31	570.68	15.67	573.54	13.76	575.72	11.80	576.33	16.03	567.81	14.98	575.08
January-18	15.07	572.92	13.47	575.74	11.56	577.92	9.74	578.39	13.17	570.67	12.76	577.30
February-18	15.41	572.58	13.83	575.38	11.63	577.85	9.94	578.19	14.01	569.83	12.80	577.26
March-18	16.34	571.65	14.82	574.39	12.02	577.46	10.57	577.56	14.97	568.87	13.38	576.68
June-18	18.14	569.85	15.27	573.94	12.28	577.20	11.62	576.51	17.35	566.49	12.81	577.25
September-18		587.99		589.21		589.48		588.13		583.84		590.06
December-18		587.99		589.21		589.48		588.13		583.84		590.06

Footnotes:

¹ - ft msl = Feet above mean sea level.

Table 1
Summary of Groundwater Elevation Data
Bioremediation Program
Former Bell Aerospace Textron, Inc.
Wheatfield, New York

Well ID	87-17(1)		87-20(1)		87-22(1)		89-10(1)		89-12(1)		89-15(1)	
Casing Elevation (ft msl) ¹	589.62		579.01		583.97		587.17		586.62		588.76	
Groundwater Measurement Date	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
November-17	12.23	577.39	11.16	567.85	15.91	568.06	13.69	573.48	14.24	572.38	14.01	574.75
January-18	10.40	579.22	8.21	570.80	13.44	570.53	12.00	575.17	12.95	573.67	12.07	576.69
February-18	10.57	579.05	9.14	569.87	14.09	569.88	12.60	574.57	13.63	572.99	12.78	575.98
March-18	11.09	578.53	10.13	568.88	14.82	569.15	13.42	573.75	14.47	572.15	13.13	575.63
June-18	11.59	578.03	12.47	566.54	17.65	566.32	13.61	573.56	16.05	570.57	12.21	576.55
September-18		589.62		579.01		583.97		587.17		586.62		588.76
December-18		589.62		579.01		583.97		587.17		586.62		588.76

Footnotes:

¹ - ft msl = Feet above mean sea level.

Table 1
Summary of Groundwater Elevation Data
Bioremediation Program
Former Bell Aerospace Textron, Inc.
Wheatfield, New York

Well ID	B-10A		B-14(1)		DW-9		DW-10		DW-11		DW-12	
Casing Elevation (ft msl) ¹	589.29		589.54		581.30		583.95		583.05		580.48	
Groundwater Measurement Date	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
November-17	12.39	576.90	15.35	574.19	5.35	575.95	8.87	575.08	7.77	575.28	7.47	573.01
January-18	10.59	578.70	12.38	577.16	2.00	579.30	6.54	577.41	5.12	577.93	3.13	577.35
February-18	10.65	578.64	12.89	576.65	2.50	578.80	7.93	576.02	5.09	577.96	3.93	576.55
March-18	11.08	578.21	13.48	576.06	3.63	577.67	7.42	576.53	5.71	577.34	4.54	575.94
June-18	11.45	577.84	13.69	575.85	4.06	577.24	6.11	577.84	6.50	576.55	4.93	575.55
September-18		589.29		589.54		581.30		583.95		583.05		580.48
December-18		589.29		589.54		581.30		583.95		583.05		580.48

Footnotes:

¹ - ft msl = Feet above mean sea level.

Table 2
Summary of Groundwater Field Monitoring Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
87-01(1)	Temperature (°C)	14.63	13.54	13.50	11.61	15.26		
	Conductivity (mS/cm)	2.39	2.232	3.101	2.599	1.830		
	Dissolved Oxygen (mg/L)	2.56	2.01	0.77	0.07	2.86		
	pH (standard units)	7.26	6.7	7.34	7.16	7.06		
	Oxidation-Reduction Potential (mV)	-101	-216.9	-166.4	-181.8	-329.7		
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018	2/27/2018	3/20/2018	6/19/2018		
87-02(1)	Temperature (°C)	14.68	11.00	12.44	10.12	14.09		
	Conductivity (mS/cm)	1.772	2.471	2.72	2.596	1.791		
	Dissolved Oxygen (mg/L)	2.78	3.11	0.89	0.06	3.35		
	pH (standard units)	7.31	6.62	6.96	6.9	7.14		
	Oxidation-Reduction Potential (mV)	-21.0	-51	-40.9	-114.5	-230.4		
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
87-08(1)	Temperature (°C)	11.8	8.66	9.43	7.48	10.23		
	Conductivity (mS/cm)	1.350	0.965	0.974	1.061	0.962		
	Dissolved Oxygen (mg/L)	0.61	3.41	1.88	0.72	2.72		
	pH (standard units)	7.46	7.20	8.18	7.55	7.18		
	Oxidation-Reduction Potential (mV)	-51.8	-105.9	-119.7	-266.2	-222.6		
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
87-09(1)	Temperature (°C)	14.05	11.37	11.53	9.80	13.04		
	Conductivity (mS/cm)	2.422	2.091	2.167	2.195	1.882		
	Dissolved Oxygen (mg/L)	2.75	3.10	2.94	0.46	6.73		
	pH (standard units)	7.20	7.30	8.07	7.60	7.19		
	Oxidation-Reduction Potential (mV)	-91.0	-174.5	-16.3	-109.4	-162.8		
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
87-12(1)	Temperature (°C)	14.90	11.66	11.18	8.94	13.44		
	Conductivity (mS/cm)	2.459	2.360	2.16	2.522	1.727		
	Dissolved Oxygen (mg/L)	1.59	1.43	0.14	0.06	0.82		
	pH (standard units)	6.85	7.13	7.96	7.72	6.85		
	Oxidation-Reduction Potential (mV)	-71.3	-292.2	-89.0	-191.6	-320.2		

Table 2
Summary of Groundwater Field Monitoring Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
87-13(1)	Temperature (°C)	13.90	10.78	11.37	8.76	12.16		
	Conductivity (mS/cm)	1.321	2.725	3.202	3.232	2.978		
	Dissolved Oxygen (mg/L)	0.79	0.54	0.62	0.11	1.82		
	pH (standard units)	7.21	6.65	7.87	6.99	6.47		
	Oxidation-Reduction Potential (mV)	-62.0	-245.8	-213.5	-255.5	-270.0		
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
87-17(1)	Temperature (°C)	13.56	10.35	11.39	8.91	12.63		
	Conductivity (mS/cm)	2.568	2.184	2.294	2.339	1.961		
	Dissolved Oxygen (mg/L)	4.02	2.48	2.22	0.33	1.27		
	pH (standard units)	7.26	7.12	8.5	7.98	7.25		
	Oxidation-Reduction Potential (mV)	-91.0	-140.0	-99.1	-80.2	-111.1		
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
87-20(1)	Temperature (°C)	13.95	11.68	10.83	8.76	11.35		
	Conductivity (mS/cm)	1.953	2.285	2.547	2.505	1.761		
	Dissolved Oxygen (mg/L)	0.47	2.79	1.29	0.36	0.24		
	pH (standard units)	7.31	7.07	7.96	7.92	6.9		
	Oxidation-Reduction Potential (mV)	-39.0	-258.1	-77.6	-176.7	-172.3		
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
87-22(1)	Temperature (°C)	11.33	9.74	9.54	8.31	11.35		
	Conductivity (mS/cm)	2.414	2.365	2.195	2.315	1.959		
	Dissolved Oxygen (mg/L)	4.12	3.59	3.50	0.64	0.91		
	pH (standard units)	7.08	7.11	7.81	7.92	6.80		
	Oxidation-Reduction Potential (mV)	-81.0	-172.1	-22.1	-109.0	-164.5		
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
89-10(1)	Temperature (°C)	14.23	11.48	12.11	9.85	13.57		
	Conductivity (mS/cm)	1.964	3.017	4.245	3.433	1.812		
	Dissolved Oxygen (mg/L)	1.93	1.17	NM	0.12	2.29		
	pH (standard units)	7.29	6.85	7.82	7.27	7.10		
	Oxidation-Reduction Potential (mV)	-73.2	-293.4	-116.7	-189.9	-306.3		

Table 2
Summary of Groundwater Field Monitoring Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
89-12(1)	Temperature (°C)	13.61	11.52	11.43	9.49	13.38		
	Conductivity (mS/cm)	1.773	2.732	3.156	3.009	1.997		
	Dissolved Oxygen (mg/L)	2.71	2.01	0.48	0.29	2.87		
	pH (standard units)	7.37	7.20	7.95	7.70	7.16		
	Oxidation-Reduction Potential (mV)	-35.3	-291.7	-98.6	-167.4	-291.8		
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
89-15(1)	Temperature (°C)	14.24	10.46	10.68	9.03	13.90		
	Conductivity (mS/cm)	1.545	1.211	1.316	1.326	1.514		
	Dissolved Oxygen (mg/L)	1.74	0.68	2.73	0.34	1.74		
	pH (standard units)	7.39	6.74	8.06	7.20	7.58		
	Oxidation-Reduction Potential (mV)	-20.3	-153.8	-130.4	-223.9	-242.0		
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
B-10A(1)	Temperature (°C)	10.94	7.10	10.16	6.54	12.78		
	Conductivity (mS/cm)	0.739	1.182	1.328	1.220	1.196		
	Dissolved Oxygen (mg/L)	6.59	3.32	5.41	0.79	3.45		
	pH (standard units)	8.55	7.64	8.64	7.85	7.25		
	Oxidation-Reduction Potential (mV)	-113.8	-96.2	-8.9	-257.6	-126.2		
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
B-14(1)	Temperature (°C)	12.42	9.67	10.58	8.25	13.21		
	Conductivity (mS/cm)	2.422	2.101	2.181	2.192	1.889		
	Dissolved Oxygen (mg/L)	3.40	3.85	3.98	0.51	6.32		
	pH (standard units)	7.26	7.27	8.23	7.57	7.26		
	Oxidation-Reduction Potential (mV)	-92.9	-176.1	-17.1	-101.0	-184.4		
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
DW-9	Temperature (°C)	NM	2.83	4.16	2.73	10.49		
	Conductivity (mS/cm)	NM	0.531	0.505	0.524	0.345		
	Dissolved Oxygen (mg/L)	NM	0.54	8.93	2.47	5.99		
	pH (standard units)	NM	7.58	8.28	8.24	7.84		
	Oxidation-Reduction Potential (mV)	NM	40.3	-22.4	-169.0	-7.8		

Table 2
Summary of Groundwater Field Monitoring Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018	3/21/2018	6/20/2018		
DW-10	Temperature (°C)	13.65	8.53	8.76	6.73	12.23		
	Conductivity (mS/cm)	0.420	0.593	0.565	0.580	0.379		
	Dissolved Oxygen (mg/L)	8.76	1.30	5.26	0.53	6.81		
	pH (standard units)	8.39	7.32	8.21	7.26	6.47		
	Oxidation-Reduction Potential (mV)	34.2	-17.0	-22.7	-193.2	-188.5		
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018	3/20/2018	6/19/2018		
DW-11	Temperature (°C)	15.42	6.30	8.88	8.62	13.65		
	Conductivity (mS/cm)	2.219	1.089	3.369	3.223	2.656		
	Dissolved Oxygen (mg/L)	NM	3.45	2.19	0.30	0.94		
	pH (standard units)	8.04	7.78	8.13	7.50	6.82		
	Oxidation-Reduction Potential (mV)	NM	-185.7	-13.4	-153.6	-321.6		
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018	2/27/2018	3/20/2018	6/19/2018		
DW-12	Temperature (°C)	15.64	4.58	6.72	7.83	14.26		
	Conductivity (mS/cm)	0.697	3.443	3.348	3.218	1.607		
	Dissolved Oxygen (mg/L)	NM	8.95	8.34	0.52	3.66		
	pH (standard units)	8.05	7.50	8.70	7.83	7.37		
	Oxidation-Reduction Potential (mV)	NM	-12.6	14.6	-117.3	-151.2		

Notes

Field parameter = value recorded at time of sample collection

NM = Not Measured

°C = degrees Celsius

mS/cm = millisiemens per centimeter

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

Table 3 Summary of Groundwater Laboratory Analytical Data Bioremediation Program Former Bell Aerospace Textron Wheatfield, New York										
Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-01(1)								
Volatile Organic Compounds (µg/L)		10/19/16	5/23/17	11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Vinyl chloride	2	96	84	330	320	210	150	300 D		
Chloroethane	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Bromomethane	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
1,1-Dichloroethene	5*	5.0 U	2.6	7.0	10 U	2.0 U	1.0 U	1.9		
Acetone	50	7.5	10 U	6.5 J	10 U	16	7.1	5.0 U		
Carbon disulfide	60	5.0 U	2.0 U	5.0 U	10 U	140	32	8.5		
Methylene chloride	5*	5.0 U	2.0 U	16	16	96	29	6.3		
trans-1,2-Dichloroethene	5*	6.3	6.8	6.4	5.2 J	4.8	6.4	4.9		
1,1-Dichloroethane	5*	8.4	5.6	21	15	14	15	12		
cis-1,2-Dichloroethene	5*	640	690 D	1,600 D	1,200	290	58	520 D		
2-Butanone	50	25 U	2.0 U	25 U	50 U	6.8 J	3.8 J	5.0 U		
Chloroform	7	2.1	1.1 J	5.0 U	10 U	0.52 J	1.0 U	0.34 J		
1,1,1-Trichloroethane	5*	13	15	72	22	10	18	9.9		
Carbon tetrachloride	5	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Benzene	1	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
1,2-Dichloroethane	0.6	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Trichloroethene	5*	120	110	54	23	9.3	3.7	98		
1,2-Dichloropropane	1	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Bromodichloromethane	50	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	25 U	10 U	25 U	50 U	10 U	5.0 U	5.0 U		
Toluene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	0.22 J	0.24 J		
trans-1,3-Dichloropropene	0.4**	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
1,1,2-Trichloroethane	1	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Tetrachloroethene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
2-Hexanone	50	25 U	10 U	25 U	50 U	10 U	5.0 U	5.0 U		
Dibromochloromethane	50	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Chlorobenzene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Ethylbenzene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
m/p-Xylenes	5*	10 U	4.0 U	10 U	20 U	4.0 U	2.0 U	2.0 U		
o-Xylene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Styrene	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
Bromoform	50	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	5.0 U	2.0 U	5.0 U	10 U	2.0 U	1.0 U	1.0 U		
General Chemistry Parameters										
Iron, ferrous (mg/L)				0.51	0.40	0.14	0.10 U	0.24		
Chloride (mg/L)				142	406	780	584	266		
Total organic carbon (mg/L)				3.2	111	65.7	32.4	4.5		
Sulfate (mg/L)				875	205	18.8	176	360		
Nitrate as N (mg/L)				1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)				84	27	1.9	76	1,000		
Ethane (µg/L)				1.8	1.1	1.0 U	1.0 U	10 U		
Ethene (µg/L)				15	24	18	470 D	180		
Carbon dioxide (mg/L)				308	554	532	606	542		
Alkalinity, Total as CaCO3 (mg/L)				280	433	547	595	514		
Bicarbonate Alkalinity as CaCO3 (mg/L)				280	433	547	595	514		
Carbonate Alkalinity as CaCO3 (mg/L)				2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)										
Lactic acid				1.0 U	2.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid				1.0 U	210	130	59	1.0 U		
Propionic acid				1.0 U	16	3.0	1.0 U	1.0 U		
Butyric acid				2.0 U	4.3	5.5	2.0 U	2.0 U		
Pyruvic acid				0.50 U	1.0 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-02(1)							
Volatile Organic Compounds (µg/L)		10/20/16	11/13/17	1/24/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Vinyl chloride	2	330	160	210	530	1,100	85		
Chloroethane	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Bromomethane	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
1,1-Dichloroethene	5*	50 U	5.0 U	25 U	6.5 J	20 U	1.0 U		
Acetone	50	250 U	25 U	130 U	50 U	100 U	3.3 J		
Carbon disulfide	60	50 U	5.0 U	25 U	21	28	19		
Methylene chloride	5*	220	3,000 D	800	220	34	1.7		
trans-1,2-Dichloroethene	5*	50 U	6.0	10 J	8.2 J	8.6 J	4.6		
1,1-Dichloroethane	5*	26 J	15	19 J	19	29	12		
cis-1,2-Dichloroethene	5*	5,100	1,700 D	3,400	2,800 D	2,100	50		
2-Butanone	50	250 U	25 U	130 U	50 U	100 U	5.0 U		
Chloroform	7	50 U	4.2 J	25 U	10 U	20 U	1.0 U		
1,1,1-Trichloroethane	5*	73	55	31	16	27	18		
Carbon tetrachloride	5	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Benzene	1	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
1,2-Dichloroethane	0.6	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Trichloroethene	5*	3,900	690	350	63	88	3.9		
1,2-Dichloropropane	1	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Bromodichloromethane	50	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	250 U	25 U	130 U	50 U	100 U	5.0 U		
Toluene	5*	50 U	5.0 U	25 U	10 U	20 U	0.22 J		
trans-1,3-Dichloropropene	0.4**	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
1,1,2-Trichloroethane	1	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Tetrachloroethene	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
2-Hexanone	50	250 U	25 U	130 U	50 U	100 U	5.0 U		
Dibromochloromethane	50	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Chlorobenzene	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Ethylbenzene	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
m/p-Xylenes	5*	100 U	10 U	50 U	20 U	40 U	2.0 U		
o-Xylene	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Styrene	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
Bromoform	50	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	50 U	5.0 U	25 U	10 U	20 U	1.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	54.6	23.1	3.3	4.55		
Chloride (mg/L)			177	477	619	504	330		
Total organic carbon (mg/L)			2.9	241	143	69	6.8		
Sulfate (mg/L)			394	63.1	31.9	234	360		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			65	63	60	120	58		
Ethane (µg/L)			1.0 U	1.8	1.2	5.2 U	5.2 U		
Ethene (µg/L)			9.8	20	150	330	260		
Carbon dioxide (mg/L)			298	764	648	703	417		
Alkalinity, Total as CaCO3 (mg/L)			290	562	589	621	406		
Bicarbonate Alkalinity as CaCO3 (mg/L)			290	562	589	621	406		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	2.5 U	2.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	350	250	140	6.6		
Propionic acid			1.0 U	71	32	1.0 U	1.0 U		
Butyric acid			2.0 U	43	28	4.0	2.0 U		
Pyruvic acid			0.50 U	1.3 U	1.0 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-08(1)							
Volatile Organic Compounds (µg/L)		10/20/16	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Vinyl chloride	2	72	190	500	1,200	1,300	360		
Chloroethane	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Bromomethane	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
1,1-Dichloroethene	5*	1.9	4.2	4.2 J	8.4 J	9.0 J	0.94 J		
Acetone	50	5.0 U	4.5 J	9.3 J	50 U	50 U	6.3 J		
Carbon disulfide	60	0.23	2.5 U	12	12	17	6.6		
Methylene chloride	5*	1.0 U	2.5 U	14	190	110	2.5 U		
trans-1,2-Dichloroethene	5*	1.6	3.4	3.9 J	9.0 J	9.7 J	3.8		
1,1-Dichloroethane	5*	1.7	4.7	6.4	15	20	6.6		
cis-1,2-Dichloroethene	5*	300 D	720 D	780	1,500	1,800	160		
2-Butanone	50	5.0 U	13 U	25 U	50 U	50 U	13 U		
Chloroform	7	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
1,1,1-Trichloroethane	5*	0.77 J	2.6	3.5 J	6.1 J	8.0 J	1.9 J		
Carbon tetrachloride	5	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Benzene	1	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
1,2-Dichloroethane	0.6	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Trichloroethene	5*	3.5	7.0	39	37	32	6.1		
1,2-Dichloropropane	1	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Bromodichloromethane	50	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
cis-1,3-Dichloropropene	0.4**	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
4-Methyl-2-pentanone	No Given Value	5.0 U	13 U	25 U	50 U	50 U	13 U		
Toluene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
trans-1,3-Dichloropropene	0.4**	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
1,1,2-Trichloroethane	1	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Tetrachloroethene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
2-Hexanone	50	5.0 U	13 U	25 U	50 U	50 U	13 U		
Dibromochloromethane	50	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Chlorobenzene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Ethylbenzene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
m/p-Xylenes	5*	2.0 U	5.0 U	10 U	20 U	20 U	5.0 U		
o-Xylene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Styrene	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
Bromoform	50	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
1,1,2,2-Tetrachloroethane	5*	1.0 U	2.5 U	5.0 U	10 U	10 U	2.5 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.26	0.10 U	0.16	0.10 U	0.14		
Chloride (mg/L)			23.2	13.5	16.1	21.4	22.5		
Total organic carbon (mg/L)			3.6	50.5	45.8	47.1	4.1		
Sulfate (mg/L)			348	122	96.1	75.3	305		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			23	15	15	36	69		
Ethane (µg/L)			1.0 U	1.0 U	4.0 U	5.2 U	5.2 U		
Ethene (µg/L)			20	69	130	170	380		
Carbon dioxide (mg/L)			389	433	426	511	460		
Alkalinity, Total as CaCO3 (mg/L)			389	431	476	545	455		
Bicarbonate Alkalinity as CaCO3 (mg/L)			389	431	476	545	455		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 u		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	96	94	98	1.0 U		
Propionic acid			1.0 U	7.0	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	1.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-09(1)							
Volatile Organic Compounds (µg/L)		5/22/17	11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Vinyl chloride	2	190	210	200	190 D	170	150		
Chloroethane	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromomethane	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1-Dichloroethene	5*	1.5 J	2.1	1.4 J	1.3	1.2 J	1.1		
Acetone	50	4.1 J	10 U	2.5 J	5.0 U	10 U	5.0 U		
Carbon disulfide	60	2.0 U	0.61 J	2.2	1.1 B	2.0 U	1.4		
Methylene chloride	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
trans-1,2-Dichloroethene	5*	1.4 J	2.1	1.6 J	1.7	1.3 J	1.4		
1,1-Dichloroethane	5*	16	20	17	19	16	16		
cis-1,2-Dichloroethene	5*	150	170	130	150	130	130		
2-Butanone	50	10 U	10 U	10 U	5.0 U	10 U	5.0 U		
Chloroform	7	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,1-Trichloroethane	5*	85	110	79	88	83	81		
Carbon tetrachloride	5	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Benzene	1	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Trichloroethene	5*	1.7 J	2.2	2.1	2.1	2.1	1.6		
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	10 U	10 U	10 U	5.0 U	10 U	5.0 U		
Toluene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
trans-1,3-Dichloropropene	0.4**	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Tetrachloroethene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
2-Hexanone	50	10 U	10 U	10 U	5.0 U	10 U	5.0 U		
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Chlorobenzene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Ethylbenzene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
m/p-Xylenes	5*	4.0 U	4.0 U	4.0 U	2.0 U	4.0 U	2.0 U		
o-Xylene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Styrene	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromoform	50	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Chloride (mg/L)			134	116	133	159	129		
Total organic carbon (mg/L)			3.3	3.4	3.6	4.7	3.5		
Sulfate (mg/L)			972	991	988	879	1,080		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			84	64	65	47	79		
Ethane (µg/L)			1.4	1.6	1.6	1.0 U	1.6		
Ethene (µg/L)			10	11	11	8	12		
Carbon dioxide (mg/L)			307	281	267	275	316		
Alkalinity, Total as CaCO3 (mg/L)			307	287	298	296	314		
Bicarbonate Alkalinity as CaCO3 (mg/L)			307	287	298	296	314		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-12(1)							
Volatile Organic Compounds (µg/L)		5/23/17	11/14/17	1/24/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	10 U	5.2 J	10 U	10 U	20 U	10 U		
Vinyl chloride	2	1,700	2,300	1,400	1,200	2,200	1,100		
Chloroethane	5*	10 U	20 U	10 U	10 U	20 U	10 U		
Bromomethane	5*	10 U	6.2 J	10 U	10 U	20 U	10 U		
1,1-Dichloroethene	5*	7.2 J	20 U	10 U	10 U	20 U	5.2 J		
Acetone	50	50 U	100 U	50 U	50 U	100 U	50 U		
Carbon disulfide	60	10 U	20 U	31	12	23	21		
Methylene chloride	5*	10 U	20 U	84	10 U	20 U	410		
trans-1,2-Dichloroethene	5*	8.7 J	12 J	7.3 J	5.7 J	7.2 J	7.4 J		
1,1-Dichloroethane	5*	19	29	24	14	25	27		
cis-1,2-Dichloroethene	5*	2,200 D	3,000	970	700	1,300	1,200		
2-Butanone	50	50 U	100 U	50 U	50 U	100 U	50 U		
Chloroform	7	10 U	20 U	10 U	10 U	20 U	10 U		
1,1,1-Trichloroethane	5*	30	32	29	15	28	31		
Carbon tetrachloride	5	10 U	20 U	10 U	10 U	20 U	10 U		
Benzene	1	10 U	20 U	10 U	10 U	20 U	10 U		
1,2-Dichloroethane	0.6	10 U	20 U	10 U	10 U	20 U	10 U		
Trichloroethene	5*	14	18 J	17	13	33	76		
1,2-Dichloropropane	1	10 U	20 U	10 U	10 U	20 U	10 U		
Bromodichloromethane	50	10 U	20 U	10 U	10 U	20 U	10 U		
cis-1,3-Dichloropropene	0.4**	10 U	20 U	10 U	10 U	20 U	10 U		
4-Methyl-2-pentanone	No Given Value	50 U	100 U	50 U	50 U	100 U	50 U		
Toluene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
trans-1,3-Dichloropropene	0.4**	10 U	20 U	10 U	10 U	20 U	10 U		
1,1,2-Trichloroethane	1	10 U	20 U	10 U	10 U	20 U	10 U		
Tetrachloroethene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
2-Hexanone	50	50 U	100 U	50 U	50 U	100 U	50 U		
Dibromochloromethane	50	10 U	20 U	10 U	10 U	20 U	10 U		
Chlorobenzene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
Ethylbenzene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
m/p-Xylenes	5*	20 U	40 U	20 U	20 U	40 U	20 U		
o-Xylene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
Styrene	5*	10 U	20 U	10 U	10 U	20 U	10 U		
Bromoform	50	10 U	20 U	10 U	10 U	20 U	10 U		
1,1,2,2-Tetrachloroethane	5*	10 U	20 U	10 U	10 U	20 U	10 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Chloride (mg/L)			154	329	429	302	191		
Total organic carbon (mg/L)			3.0	10.1	3.0	5.1	3.5		
Sulfate (mg/L)			954	550	312	800	763		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			54	47	21	46	130		
Ethane (µg/L)			4.2	3.6	1.0 U	5.2 U	5.2 U		
Ethene (µg/L)			42	310	160	270	310		
Carbon dioxide (mg/L)			276	479	192	349	415		
Alkalinity, Total as CaCO3 (mg/L)			260	466	212	380	357		
Bicarbonate Alkalinity as CaCO3 (mg/L)			260	466	212	380	357		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	13	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-13(1)							
Volatile Organic Compounds (µg/L)		5/22/17	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	500 U	46 J	200 U	1,000 U	1,000 U	1,000 U		
Vinyl chloride	2	3,000	1,300	1,600	2,200 D	2,400	1,400		
Chloroethane	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Bromomethane	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,1-Dichloroethene	5*	500 U	120 J	210	1,000 U	1,000 U	1,000 U		
Acetone	50	2,500 U	1,000 U	1,000 U	5,000 U	5,000 U	5,000 U		
Carbon disulfide	60	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Methylene chloride	5*	94,000 D	3,500	17,000	87,000 D	120,000	490,000 D		
trans-1,2-Dichloroethene	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,1-Dichloroethane	5*	320 J	130 J	280	360 D,J	520 J	570 J		
cis-1,2-Dichloroethene	5*	80,000	19,000	36,000	38,000 D	42,000	44,000		
2-Butanone	50	2,500 U	1,000 U	1,000 U	5,000 U	5,000 U	5,000 U		
Chloroform	7	1,200	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,1,1-Trichloroethane	5*	1,100	1,100	3,300	1,600 D	2,000	1,700		
Carbon tetrachloride	5	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Benzene	1	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,2-Dichloroethane	0.6	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Trichloroethene	5*	40,000	17000	120,000 D	65,000 D	84,000	88,000		
1,2-Dichloropropane	1	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Bromodichloromethane	50	230	200 U	200 U	1,000 U	1,000 U	1,000 U		
cis-1,3-Dichloropropene	0.4**	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
4-Methyl-2-pentanone	No Given Value	2,500 U	1,000 U	1,000 U	5,000 U	5,000 U	5,000 U		
Toluene	5*	500 U	200 U	160 J	1,000 U	1,000 U	1,000 U		
trans-1,3-Dichloropropene	0.4**	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,1,2-Trichloroethane	1	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Tetrachloroethene	5*	500 U	200 U	310	1,000 U	1,000 U	1,000 U		
2-Hexanone	50	2,500 U	1,000 U	1,000 U	5,000 U	5,000 U	5,000 U		
Dibromochloromethane	50	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Chlorobenzene	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Ethylbenzene	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
m/p-Xylenes	5*	1,000 U	400 U	400 U	2,000 U	2,000 U	2,000 U		
o-Xylene	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Styrene	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
Bromoform	50	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
1,1,2,2-Tetrachloroethane	5*	500 U	200 U	200 U	1,000 U	1,000 U	1,000 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.24	3.1	0.10 U	0.10 U	0.16		
Chloride (mg/L)			233	287	321	350	448		
Total organic carbon (mg/L)			3.2	10.7	320	247	270		
Sulfate (mg/L)			785	451	612	579	547		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			520 D	130	7.5	200	180		
Ethane (µg/L)			3.9	6.3	140	7.4	8.9		
Ethene (µg/L)			150 D	110	130	210	150		
Carbon dioxide (mg/L)			351	1,220	853	1,010	1,560		
Alkalinity, Total as CaCO3 (mg/L)			340	922	941	935	1,000		
Bicarbonate Alkalinity as CaCO3 (mg/L)			340	922	941	935	1,000		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	20	8.2	7.9	11		
Acetic acid			1.0 U	550	490	450	430		
Propionic acid			1.0 U	78	57	45	24		
Butyric acid			2.0 U	12	10 U	30	10 U		
Pyruvic acid			0.50 U	2.5 U	2.5 U	2.5 U	2.5 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-17(1)							
Volatile Organic Compounds (µg/L)		10/20/16	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Vinyl chloride	2	150	280 D	320	340 D	290	220		
Chloroethane	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Bromomethane	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
1,1-Dichloroethene	5*	0.91 J	1.5	1.4 J	1.3	2.5 U	1.2 J		
Acetone	50	1.4 J	1.8 J	10 U	5.0 U	13 U	10 U		
Carbon disulfide	60	1.5	1.4	1.4 J	1.2 B	2.5 U	2.0 U		
Methylene chloride	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
trans-1,2-Dichloroethene	5*	2.5	2.2	2.3	2.2	1.8 J	2.0 J		
1,1-Dichloroethane	5*	21	26	23	25	22	20		
cis-1,2-Dichloroethene	5*	130	130	110	120	97	92		
2-Butanone	50	5.0 U	5.0 U	10 U	5.0 U	13 U	10 U		
Chloroform	7	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
1,1,1-Trichloroethane	5*	89	110	100	100	100	89		
Carbon tetrachloride	5	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Benzene	1	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
1,2-Dichloroethane	0.6	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Trichloroethene	5*	18	2.7	2.7	3.2	2.3 J	2.1		
1,2-Dichloropropane	1	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Bromodichloromethane	50	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
cis-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
4-Methyl-2-pentanone	No Given Value	5.0 U	5.0 U	10 U	5.0 U	13 U	10 U		
Toluene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
trans-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
1,1,2-Trichloroethane	1	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Tetrachloroethene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
2-Hexanone	50	5.0 U	5.0 U	10 U	5.0 U	13 U	10 U		
Dibromochloromethane	50	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Chlorobenzene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Ethylbenzene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
m/p-Xylenes	5*	2.0 U	2.0 U	4.0 U	2.0 U	5.0 U	4.0 U		
o-Xylene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Styrene	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
Bromoform	50	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
1,1,2,2-Tetrachloroethane	5*	1.0 U	1.0 U	2.0 U	1.0 U	2.5 U	2.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.12	0.13	0.17	0.15	0.25		
Chloride (mg/L)			128	124	157	160	142		
Total organic carbon (mg/L)			3.7	4.7	4.3	3.9	3.7		
Sulfate (mg/L)			1,010	1,030	1,060	938	1,120		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			100	66	1.5	68	72		
Ethane (µg/L)			1.3	1.2	12	1.2	1.2		
Ethene (µg/L)			12	11	70	12	13		
Carbon dioxide (mg/L)			305	300	258	268	286		
Alkalinity, Total as CaCO3 (mg/L)			304	291	292	298	288		
Bicarbonate Alkalinity as CaCO3 (mg/L)			304	291	292	298	288		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-20(1)							
Volatile Organic Compounds (µg/L)		10/19/16	11/14/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
Vinyl chloride	2	830	760	1,600	460	1,200	440		
Chloroethane	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
Bromomethane	5*	50 U	9.0 J	50 U	5.0 U	25 U	10 U		
1,1-Dichloroethene	5*	50 U	25 U	50 U	5.0 U	25 U	3.8 J		
Acetone	50	250 U	130 U	250 U	25 U	130 U	50 U		
Carbon disulfide	60	50 U	25 U	50 U	6.5	24 J	10 U		
Methylene chloride	5*	50 U	25 U	50 U	5.0 U	20 J	10 U		
trans-1,2-Dichloroethene	5*	50 U	17 J	50 U	3.0 J	25 U	4.3 J		
1,1-Dichloroethane	5*	18 J	13 J	16 J	4.7 J	12 J	5.1 J		
cis-1,2-Dichloroethene	5*	4,700	6,200 D	4,800	670	2,800	1,200		
2-Butanone	50	250 U	130 U	250 U	25 U	130 U	50 U		
Chloroform	7	18 J	25 U	50 U	5.0 U	25 U	10 U		
1,1,1-Trichloroethane	5*	22 J	26	21 J	4.7 J	14 J	6.4 J		
Carbon tetrachloride	5	50 U	25 U	50 U	5.0 U	25 U	10 U		
Benzene	1	50 U	25 U	50 U	5.0 U	25 U	10 U		
1,2-Dichloroethane	0.6	50 U	25 U	50 U	5.0 U	25 U	10 U		
Trichloroethene	5*	19 J	34	39 J	13	47	24		
1,2-Dichloropropane	1	50 U	25 U	50 U	5.0 U	25 U	10 U		
Bromodichloromethane	50	50 U	25 U	50 U	5.0 U	25 U	10 U		
cis-1,3-Dichloropropene	0.4**	50 U	25 U	50 U	5.0 U	25 U	10 U		
4-Methyl-2-pentanone	No Given Value	250 U	130 U	250 U	25 U	130 U	50 U		
Toluene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
trans-1,3-Dichloropropene	0.4**	50 U	25 U	50 U	5.0 U	25 U	10 U		
1,1,2-Trichloroethane	1	50 U	25 U	50 U	5.0 U	25 U	10 U		
Tetrachloroethene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
2-Hexanone	50	250 U	130 U	250 U	25 U	130 U	50 U		
Dibromochloromethane	50	50 U	25 U	50 U	5.0 U	25 U	10 U		
Chlorobenzene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
Ethylbenzene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
m/p-Xylenes	5*	100 U	50 U	100 U	10 U	50 U	20 U		
o-Xylene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
Styrene	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
Bromoform	50	50 U	25 U	50 U	5.0 U	25 U	10 U		
1,1,2,2-Tetrachloroethane	5*	50 U	25 U	50 U	5.0 U	25 U	10 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.14	0.17	0.15	0.25		
Chloride (mg/L)			108	217	630	408	166		
Total organic carbon (mg/L)			2.5	70.1	3.5	6.1	2.8		
Sulfate (mg/L)			735	779	338	562	506		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			32	48	7.0	47	37		
Ethane (µg/L)			2.2	2.4	1.0 U	1.7	1.6		
Ethene (µg/L)			17	81	61	110 D	71		
Carbon dioxide (mg/L)			201	394	197	320	274		
Alkalinity, Total as CaCO3 (mg/L)			221	375	218	354	242		
Bicarbonate Alkalinity as CaCO3 (mg/L)			221	375	218	354	242		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	140	1.0 U	3.1	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	87-22(1)							
Volatile Organic Compounds (µg/L)		10/19/16	11/14/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Vinyl chloride	2	430	430	1,100 D	780	1,100	1,100		
Chloroethane	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Bromomethane	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
1,1-Dichloroethene	5*	4.9 J	5.0 U	25 U	4.7 J	20 U	20 U		
Acetone	50	6.4 J	25 U	130 U	25 U	100 U	100 U		
Carbon disulfide	60	5.0 U	5.0 U	25 U	1.6 B,J	20 U	20 U		
Methylene chloride	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
trans-1,2-Dichloroethene	5*	7.3	4.3 J	12 D,J	7.4	17 J	9.2 J		
1,1-Dichloroethane	5*	5.4J+	4.6 J	9.3 D,J	7.2	9.9 J	7.8 J		
cis-1,2-Dichloroethene	5*	1,200 D	820	2,700 D	1,800 D	2,500	2,100		
2-Butanone	50	25 U	25 U	130 U	25 U	100 U	100 U		
Chloroform	7	1.3 J	5.0 U	25 U	5.0 U	20 U	20 U		
1,1,1-Trichloroethane	5*	5.0 U	5.0 U	25 U	2.2 J	20 U	20 U		
Carbon tetrachloride	5	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Benzene	1	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
1,2-Dichloroethane	0.6	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Trichloroethene	5*	5.0 J	2.6 J	70 D	5.6	11 J	9.8 J		
1,2-Dichloropropane	1	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Bromodichloromethane	50	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
cis-1,3-Dichloropropene	0.4**	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
4-Methyl-2-pentanone	No Given Value	25 U	25 U	130 U	25 U	100 U	100 U		
Toluene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
trans-1,3-Dichloropropene	0.4**	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
1,1,2-Trichloroethane	1	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Tetrachloroethene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
2-Hexanone	50	25 U	25 U	130 U	25 U	100 U	100 U		
Dibromochloromethane	50	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Chlorobenzene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Ethylbenzene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
m/p-Xylenes	5*	10 U	10 U	50 U	10 U	40 U	40 U		
o-Xylene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Styrene	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
Bromoform	50	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
1,1,2,2-Tetrachloroethane	5*	5.0 U	5.0 U	25 U	5.0 U	20 U	20 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.10 U	0.10 U	0.11		
Chloride (mg/L)			97.5	119	92.4	145	124		
Total organic carbon (mg/L)			4.9	4.9	4.0	6.0	4.9		
Sulfate (mg/L)			940	1,230	1,050	981	1,090		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			79	190	110	170	200 D		
Ethane (µg/L)			2.4	5.7	3.9	4.3	6.1		
Ethene (µg/L)			19	190	42	51	87		
Carbon dioxide (mg/L)			482	391	371	354	507		
Alkalinity, Total as CaCO3 (mg/L)			428	378	407	392	423		
Bicarbonate Alkalinity as CaCO3 (mg/L)			428	378	407	392	423		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	1.1	4.0	2.3		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	89-10(1)						
Volatile Organic Compounds (µg/L)		11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	5.0 U	10 U	50 U	50 U	50 U		
Vinyl chloride	2	100	360	230	400	160		
Chloroethane	5*	5.0 U	10 U	50 U	50 U	50 U		
Bromomethane	5*	5.0 U	10 U	50 U	50 U	50 U		
1,1-Dichloroethene	5*	5.1	20	50 U	50 U	50 U		
Acetone	50	25 U	50 U	250 U	250 U	250 U		
Carbon disulfide	60	1.3 J	63	45 J	210	26 J		
Methylene chloride	5*	660	3,700 D	1,600	4,400	860		
trans-1,2-Dichloroethene	5*	3.5 J	12	50 U	50 U	50 U		
1,1-Dichloroethane	5*	5.9	29	50 U	18 J	13 J		
cis-1,2-Dichloroethene	5*	1,400 D	4,300 D	1,200	1,900	1,500		
2-Butanone	50	25 U	50 U	250 U	250 U	250 U		
Chloroform	7	2.5 J	10 U	50 U	50 U	50 U		
1,1,1-Trichloroethane	5*	9.4	85	23 J	31 J	44 J		
Carbon tetrachloride	5	5.0 U	10 U	50 U	50 U	50 U		
Benzene	1	5.0 U	10 U	50 U	50 U	50 U		
1,2-Dichloroethane	0.6	5.0 U	10 U	50 U	50 U	50 U		
Trichloroethene	5*	1,500 D	17,000 D	4,600	6,400	7,200		
1,2-Dichloropropane	1	5.0 U	10 U	50 U	50 U	50 U		
Bromodichloromethane	50	5.0 U	10 U	50 U	50 U	50 U		
cis-1,3-Dichloropropene	0.4**	5.0 U	10 U	50 U	50 U	50 U		
4-Methyl-2-pentanone	No Given Value	25 U	50 U	250 U	250 U	250 U		
Toluene	5*	5.0 U	8.4 J	50 U	50 U	50 U		
trans-1,3-Dichloropropene	0.4**	5.0 U	10 U	50 U	50 U	50 U		
1,1,2-Trichloroethane	1	5.0 U	10 U	50 U	50 U	50 U		
Tetrachloroethene	5*	5.0 U	10 U	50 U	50 U	50 U		
2-Hexanone	50	25 U	50 U	250 U	250 U	250 U		
Dibromochloromethane	50	5.0 U	10 U	50 U	50 U	50 U		
Chlorobenzene	5*	5.0 U	10 U	50 U	50 U	50 U		
Ethylbenzene	5*	5.0 U	10 U	50 U	50 U	50 U		
m/p-Xylenes	5*	10 U	20 U	100 U	100 U	100 U		
o-Xylene	5*	5.0 U	10 U	50 U	50 U	50 U		
Styrene	5*	5.0 U	10 U	50 U	50 U	50 U		
Bromoform	50	5.0 U	10 U	50 U	50 U	50 U		
1,1,2,2-Tetrachloroethane	5*	5.0 U	10 U	50 U	50 U	50 U		
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.14	0.11	0.10 U	0.10 U	0.34		
Chloride (mg/L)		117	425	961	735	246		
Total organic carbon (mg/L)		3.1	100	48.8	36.2	11.8		
Sulfate (mg/L)		716	897	678	737	618		
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)		9.6	33	10	15	11		
Ethane (µg/L)		2.7	2.1	4.0	5.4	1.7		
Ethene (µg/L)		17	25	71	130 D	66		
Carbon dioxide (mg/L)		244	504	364	421	365		
Alkalinity, Total as CaCO3 (mg/L)		237	433	400	426	352		
Bicarbonate Alkalinity as CaCO3 (mg/L)		237	433	400	426	352		
Carbonate Alkalinity as CaCO3 (mg/L)		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)								
Lactic acid		1.0 U	1.0 U	1.0	1.0 U	1.0 U		
Acetic acid		1.0 U	190	88	67	16		
Propionic acid		1.0 U	5.1	1.0 U	1.0 U	1.0 U		
Butyric acid		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	89-12(1)							
Volatile Organic Compounds (µg/L)		5/23/17	11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Vinyl chloride	2	270	110	800	780	580	230		
Chloroethane	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Bromomethane	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
1,1-Dichloroethene	5*	25 U	3.7 J	10 U	5.0 U	5.0 U	0.64 J		
Acetone	50	36 J	8.7 J	10 U	9.9 J	25 U	10 U		
Carbon disulfide	60	25 U	5.0 U	47	8.6	8.5	1.6		
Methylene chloride	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
trans-1,2-Dichloroethene	5*	19 J	6.0	5.1 J	3.9 J	3.2 J	3.0		
1,1-Dichloroethane	5*	9.0 J	6.3	21	15	14	11		
cis-1,2-Dichloroethene	5*	4,300	1,300 D	1,900	880	420	180		
2-Butanone	50	130	25 U	50 U	25 U	25 U	10 U		
Chloroform	7	25 U	3.0 J	10 U	5.0 U	5.0 U	2.0 U		
1,1,1-Trichloroethane	5*	22 J	13	17	17	21	18		
Carbon tetrachloride	5	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Benzene	1	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
1,2-Dichloroethane	0.6	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Trichloroethene	5*	490	23	42	30	20	16		
1,2-Dichloropropane	1	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Bromodichloromethane	50	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
cis-1,3-Dichloropropene	0.4**	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
4-Methyl-2-pentanone	No Given Value	130	25 U	50 U	25 U	25 U	10 U		
Toluene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
trans-1,3-Dichloropropene	0.4**	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
1,1,2-Trichloroethane	1	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Tetrachloroethene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
2-Hexanone	50	130	25 U	50 U	25 U	25 U	10 U		
Dibromochloromethane	50	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Chlorobenzene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Ethylbenzene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
m/p-Xylenes	5*	50	10 U	20 U	10 U	10 U	4.0 U		
o-Xylene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Styrene	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
Bromoform	50	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
1,1,2,2-Tetrachloroethane	5*	25 U	5.0 U	10 U	5.0 U	5.0 U	2.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.17	0.11	0.14	0.90		
Chloride (mg/L)			112	319	531	504	207		
Total organic carbon (mg/L)			3.4	35.6	4.7	6.8	3.9		
Sulfate (mg/L)			617	734	822	972	872		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			11	30	31	30	42		
Ethane (µg/L)			1.0 U	1.9	3.3	10 U	10 U		
Ethene (µg/L)			5.7	140	330	370	480		
Carbon dioxide (mg/L)			241	468	278	274	292		
Alkalinity, Total as CaCO3 (mg/L)			234	466	308	298	286		
Bicarbonate Alkalinity as CaCO3 (mg/L)			234	466	308	298	286		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	51	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	89-15(1)							
Volatile Organic Compounds (µg/L)		10/20/16	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	250 U	0.26 J	1.0 U	50 U	50 U	5.0 U		
Vinyl chloride	2	390	20	270 D	550	840	93		
Chloroethane	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Bromomethane	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
1,1-Dichloroethene	5*	250 U	0.66 J	2.3	50 U	50 U	5.0 U		
Acetone	50	1300 U	5.0 U	5.0 U	250 U	250 U	25 U		
Carbon disulfide	60	110 J	0.26 J	5.5	49 J	310	16		
Methylene chloride	5*	110,000 D	1.0 U	360 D	7,700	15,000 D	670		
trans-1,2-Dichloroethene	5*	250 U	0.44 J	3.0	50 U	50 U	2.0 J		
1,1-Dichloroethane	5*	250 U	3.9	3.7	50 U	50 U	3.8 J		
cis-1,2-Dichloroethene	5*	17,000	62	460 D	640	790	150		
2-Butanone	50	1300 U	5.0 U	5.3	250 U	250 U	25 U		
Chloroform	7	410	1.0 U	1.2	50 U	50 U	5.0 U		
1,1,1-Trichloroethane	5*	230 J	0.97 J	2.2	50 U	50 U	21		
Carbon tetrachloride	5	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Benzene	1	250 U	1.0 U	0.21 J	50 U	50 U	5.0 U		
1,2-Dichloroethane	0.6	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Trichloroethene	5*	140,000 D	5.1	280 D	410	510	110		
1,2-Dichloropropane	1	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Bromodichloromethane	50	130 J	1.0 U	1.0 U	50 U	50 U	5.0 U		
cis-1,3-Dichloropropene	0.4**	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
4-Methyl-2-pentanone	No Given Value	1300 U	5.0 U	5.0 U	250 U	250 U	25 U		
Toluene	5*	250 U	1.0 U	0.49 J	50 U	50 U	5.0 U		
trans-1,3-Dichloropropene	0.4**	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
1,1,2-Trichloroethane	1	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Tetrachloroethene	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
2-Hexanone	50	1300 U	5.0 U	5.0 U	250 U	250 U	25 U		
Dibromochloromethane	50	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Chlorobenzene	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Ethylbenzene	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
m/p-Xylenes	5*	500 U	2.0 U	2.0 U	100 U	100 U	10 U		
o-Xylene	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Styrene	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
Bromoform	50	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
1,1,2,2-Tetrachloroethane	5*	250 U	1.0 U	1.0 U	50 U	50 U	5.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.13	4.3	0.14	0.13	0.10 U		
Chloride (mg/L)			105	76.0	83.3	106	85.3		
Total organic carbon (mg/L)			3.4	141	83	59.3	18.9		
Sulfate (mg/L)			386	40.8	63.3	33.5	241		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			21	30	58	110	78		
Ethane (µg/L)			1.0 U	3.6	2.5 U	3.0	5.2 U		
Ethene (µg/L)			1.0 U	69	150	220 D	340		
Carbon dioxide (mg/L)			277	660	534	648	437		
Alkalinity, Total as CaCO3 (mg/L)			287	530	595	644	469		
Bicarbonate Alkalinity as CaCO3 (mg/L)			287	530	595	644	469		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	2.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	280	150	95	17		
Propionic acid			1.0 U	7.7	4.9	6.3	2.0		
Butyric acid			2.0 U	4.0 U	10	14	3.6		
Pyruvic acid			0.50 U	1.0 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	B-10A(1)							
Volatile Organic Compounds (µg/L)		5/23/17	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	500 U	170 J	500 U	200 U	500 U	250 U		
Vinyl chloride	2	430 J	380 J	510	440	370 J	750		
Chloroethane	5*	500 U	500 U	500 U	200 U	500 U	250 U		
Bromomethane	5*	500 U	170 J	500 U	200 U	500 U	250 U		
1,1-Dichloroethene	5*	310 J	380 J	380 J	310	410 J	200 J		
Acetone	50	2,500 U	2,500 U	2,500 U	1,000 U	2,500 U	1,300 U		
Carbon disulfide	60	500 U	500 U	500 U	200 U	500 U	250 U		
Methylene chloride	5*	3,300	6,000	3,700	2,200	3,000	740		
trans-1,2-Dichloroethene	5*	500 U	180 J	250 J	190 J	200 J	87 J		
1,1-Dichloroethane	5*	350 J	450 J	430 J	370	380 J	180 J		
cis-1,2-Dichloroethene	5*	20,000	22,000	70,000	65,000 D	52,000	37,000		
2-Butanone	50	2,500 U	2,500 U	2,500 U	1,000 U	2,500 U	1,300 U		
Chloroform	7	980	500 U	500 U	200 U	500 U	250 U		
1,1,1-Trichloroethane	5*	780	930	1,100	850	1,300	730		
Carbon tetrachloride	5	500 U	500 U	500 U	200 U	500 U	250 U		
Benzene	1	500 U	500 U	500 U	200 U	500 U	250 U		
1,2-Dichloroethane	0.6	500 U	500 U	500 U	200 U	500 U	250 U		
Trichloroethene	5*	58,000	64,000	28,000	17,000	33,000	12,000		
1,2-Dichloropropane	1	500 U	500 U	500 U	200 U	500 U	250 U		
Bromodichloromethane	50	210 J	500 U	500 U	200 U	500 U	250 U		
cis-1,3-Dichloropropene	0.4**	500 U	500 U	500 U	200 U	500 U	250 U		
4-Methyl-2-pentanone	No Given Value	2,500 U	2,500 U	2,500 U	1,000 U	2,500 U	1,300 U		
Toluene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
trans-1,3-Dichloropropene	0.4**	500 U	500 U	500 U	200 U	500 U	250 U		
1,1,2-Trichloroethane	1	500 U	500 U	500 U	200 U	500 U	250 U		
Tetrachloroethene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
2-Hexanone	50	2,500 U	2,500 U	2,500 U	1,000 U	2,500 U	1,300 U		
Dibromochloromethane	50	500 U	500 U	500 U	200 U	500 U	250 U		
Chlorobenzene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
Ethylbenzene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
m/p-Xylenes	5*	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	500 U		
o-Xylene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
Styrene	5*	500 U	500 U	500 U	200 U	500 U	250 U		
Bromoform	50	500 U	500 U	500 U	200 U	500 U	250 U		
1,1,2,2-Tetrachloroethane	5*	500 U	500 U	500 U	200 U	500 U	250 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.14	0.10 U	0.10 U	0.10 U	0.10 U		
Chloride (mg/L)			87.2	109	91.1	95.8	67.0		
Total organic carbon (mg/L)			7.9	56.9	53.5	32.6	112		
Sulfate (mg/L)			158	123	96.2	102	35.1		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			80	67	66	73	1,200 D		
Ethane (µg/L)			1.4	2.2	2.3	2.6	3.2		
Ethene (µg/L)			18	19	25	27	93 D		
Carbon dioxide (mg/L)			398	508	475	424	696		
Alkalinity, Total as CaCO3 (mg/L)			479	549	537	467	701		
Bicarbonate Alkalinity as CaCO3 (mg/L)			423	549	537	467	701		
Carbonate Alkalinity as CaCO3 (mg/L)			56.0	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	82	97	51	170		
Propionic acid			1.0 U	15	4.1	1.0 U	44		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	13		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	B-14(1)							
Volatile Organic Compounds (µg/L)		10/20/16	11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Vinyl chloride	2	180	190	180	240 D	180	170		
Chloroethane	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromomethane	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1-Dichloroethene	5*	1.3	1.8 J	2.0 U	1.2	2.0 U	0.93 J		
Acetone	50	1.6 J	10 U	10 U	1.4 J	4.6 J	5.0 U		
Carbon disulfide	60	0.71 J	0.64 J	3.1	1.1 B	2.0 U	1.0 U		
Methylene chloride	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
trans-1,2-Dichloroethene	5*	1.8	1.8 J	1.6 J	2.1	1.5 J	1.3		
1,1-Dichloroethane	5*	20	18	15	22	16	17		
cis-1,2-Dichloroethene	5*	170	140	100	150	120	97		
2-Butanone	50	5.0 U	10 U	10 U	5.0 U	10 U	5.0 U		
Chloroform	7	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,1-Trichloroethane	5*	81	75	52	73	58	64		
Carbon tetrachloride	5	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Benzene	1	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,2-Dichloroethane	0.6	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Trichloroethene	5*	1.8	1.8 J	1.6 J	2.5	1.7 J	1.5		
1,2-Dichloropropane	1	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromodichloromethane	50	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	5.0 U	10 U	10 U	5.0 U	10 U	5.0 U		
Toluene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
trans-1,3-Dichloropropene	0.4**	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,2-Trichloroethane	1	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Tetrachloroethene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
2-Hexanone	50	5.0 U	10 U	10 U	5.0 U	10 U	5.0 U		
Dibromochloromethane	50	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Chlorobenzene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Ethylbenzene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
m/p-Xylenes	5*	2.0 U	4.0 U	4.0 U	2.0 U	4.0 U	2.0 U		
o-Xylene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Styrene	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
Bromoform	50	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	1.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Chloride (mg/L)			120	117	141	165	134		
Total organic carbon (mg/L)			4.1	3.8	4.1	4.4	3.9		
Sulfate (mg/L)			957	972	983	857	1,070		
Nitrate as N (mg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			54	53	21	61	80		
Ethane (µg/L)			1.0 U	1.1	1.0 U	1.3	1.4		
Ethene (µg/L)			8.8	12	7.1	14	17		
Carbon dioxide (mg/L)			325	286	265	282	305		
Alkalinity, Total as CaCO3 (mg/L)			308	290	298	302	308		
Bicarbonate Alkalinity as CaCO3 (mg/L)			308	290	298	302	308		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	DW-9							
Volatile Organic Compounds (µg/L)		10/20/16	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Vinyl chloride	2	2.5	1.0 U	1.0 U	1.0 U	1.0 U	1.7		
Chloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromomethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1-Dichloroethene	5*	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetone	50	5.0 U	1.7 J	1.8 J	2.0 J	2.0 J	5.0 U		
Carbon disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methylene chloride	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J		
trans-1,2-Dichloroethene	5*	8.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1-Dichloroethane	5*	13	0.40 J	1.0 U	1.0 U	1.0 U	1.0 U		
cis-1,2-Dichloroethene	5*	1,100 D	22	4.9	3.7	3.9	6.8		
2-Butanone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroform	7	3	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U		
1,1,1-Trichloroethane	5*	44	1.1	1.0 U	1.0 U	1.0 U	1.0 U		
Carbon tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Benzene	1	0.85 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Trichloroethene	5*	2,400 D	70	20	15	18	11		
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Toluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
trans-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Tetrachloroethene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
2-Hexanone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Chlorobenzene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Ethylbenzene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
m/p-Xylenes	5*	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
o-Xylene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Styrene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.10 U	0.10 U	0.10 U		
Chloride (mg/L)			3.6	5.3	9.5	7.5	10.3		
Total organic carbon (mg/L)			6.0	6.0	5.9	4.8	4.6		
Sulfate (mg/L)			141	96.2	78.2	88	62.3		
Nitrate as N (mg/L)			2.5	5.3	5.1	6.4	5.1		
Methane (µg/L)			1.1 U	1.1 U	1.1 U	1.1 U	1.4		
Ethane (µg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Ethene (µg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.2		
Carbon dioxide (mg/L)			174	149	150	144	152		
Alkalinity, Total as CaCO3 (mg/L)			186	160	168	162	168		
Bicarbonate Alkalinity as CaCO3 (mg/L)			186	160	168	162	168		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0	1.0 U	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	DW-10							
Volatile Organic Compounds (µg/L)		10/20/16	11/14/17	1/24/18	2/28/18	3/21/18	6/20/18	September	December
Chloromethane	5*	10 U	0.24 J	1.0 U	50 U	100 U	50 U		
Vinyl chloride	2	110	2.3	260 D	130	160	38 J		
Chloroethane	5*	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Bromomethane	5*	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
1,1-Dichloroethene	5*	5.9 J	1.0 U	17.0	50 U	100 U	50 U		
Acetone	50	50 U	1.5 J	4.9 J	250 U	500 U	250 U		
Carbon disulfide	60	10 U	1.0 U	14	50 U	28 J	50 U		
Methylene chloride	5*	2,300 D	170	16,000 D	10,000 D	14,000	5,100		
trans-1,2-Dichloroethene	5*	3.8	1.0 U	12.0	50 U	100 U	50 U		
1,1-Dichloroethane	5*	12	1.0 U	15	50 U	100 U	50 U		
cis-1,2-Dichloroethene	5*	960	17	1,100 D	480	640	130		
2-Butanone	50	50 U	5.0 U	5.0 U	250 U	500 U	250 U		
Chloroform	7	3.4 J	1.0 U	5.4	50 U	93 J	50 U		
1,1,1-Trichloroethane	5*	57	0.48 J	18.0	50 U	100 U	50 U		
Carbon tetrachloride	5	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Benzene	1	10 U	1.0 U	0.89 J	50 U	100 U	50 U		
1,2-Dichloroethane	0.6	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Trichloroethene	5*	510	32	36,000 D	8,900	13,000	610		
1,2-Dichloropropane	1	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Bromodichloromethane	50	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
cis-1,3-Dichloropropene	0.4**	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
4-Methyl-2-pentanone	No Given Value	50 U	5.0 U	5.0 U	250 U	500 U	250 U		
Toluene	5*	10 U	1.0 U	8.0	50 U	100 U	50 U		
trans-1,3-Dichloropropene	0.4**	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
1,1,2-Trichloroethane	1	10 U	1.0 U	0.75 J	50 U	100 U	50 U		
Tetrachloroethene	5*	10 U	1.0 U	8.0	50 U	100 U	50 U		
2-Hexanone	50	50 U	5.0 U	5.0 U	250 U	500 U	250 U		
Dibromochloromethane	50	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Chlorobenzene	5*	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Ethylbenzene	5*	10 U	1.0 U	1.4	50 U	100 U	50 U		
m/p-Xylenes	5*	20 U	2.0 U	4.6	100 U	200 U	100 U		
o-Xylene	5*	10 U	1.0 U	1.7	50 U	100 U	50 U		
Styrene	5*	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
Bromoform	50	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
1,1,2,2-Tetrachloroethane	5*	10 U	1.0 U	1.0 U	50 U	100 U	50 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	4.0 U	3.1	1.0 U	0.18		
Chloride (mg/L)			10.2	35.3	31.6	41.3	30.2		
Total organic carbon (mg/L)			3.3	690	52	141	107		
Sulfate (mg/L)			53	104	88.0	73.8	28.5		
Nitrate as N (mg/L)			2.6	1.0 U	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			1.6	76	47	56	33		
Ethane (µg/L)			1.0 U	7.2	3.7	2.8	30		
Ethene (µg/L)			1.0 U	24	14	20	19		
Carbon dioxide (mg/L)			108	179	152	166	214		
Alkalinity, Total as CaCO3 (mg/L)			122	184	170	168	138		
Bicarbonate Alkalinity as CaCO3 (mg/L)			122	184	170	168	138		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	14	44	56		
Propionic acid			1.0 U	1.0 U	2.9	14	4.0		
Butyric acid			2.0 U	2.0 U	2.0 U	2.5	7.1		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	DW-11							
Volatile Organic Compounds (µg/L)		10/20/16	11/13/17	1/23/18	2/27/18	3/20/18	6/19/18	September	December
Chloromethane	5*	10 U	0.45 J	1.0 U	1.0 U	1.0 U	5.0 U		
Vinyl chloride	2	450	100	13	40	190 D	59		
Chloroethane	5*	10 U	29	1.0 U	1.0 U	1.0 U	5.0 U		
Bromomethane	5*	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
1,1-Dichloroethene	5*	10 U	1.2	1.0 U	1.0 U	2.2	1.4 J		
Acetone	50	50 U	5.0 U	48	14	2.6 J	22 J		
Carbon disulfide	60	3.4 J	0.35 J	0.39 J	0.48 J	8.8	13		
Methylene chloride	5*	10 U	1.0 U	11	14	72	180		
trans-1,2-Dichloroethene	5*	5.9 J	1.0	1.0 U	1.0 U	1.5	1.7 J		
1,1-Dichloroethane	5*	25	8.6	0.88 J	2.8	17	3.4 J		
cis-1,2-Dichloroethene	5*	1,500	110	23	31	190	630		
2-Butanone	50	50 U	5.0 U	1.0 J	5.0 U	5.0 U	25 U		
Chloroform	7	10 U	1.0 U	1.0 U	1.0 U	1.0 U	2.7 J		
1,1,1-Trichloroethane	5*	110	45	3.3	5.6	58	7.8		
Carbon tetrachloride	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Benzene	1	10 U	1.0 U	0.84 J	1.0 U	1.0 U	5.0 U		
1,2-Dichloroethane	0.6	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Trichloroethene	5*	14	35	520 D	190	1,300 D	180		
1,2-Dichloropropane	1	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Bromodichloromethane	50	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
cis-1,3-Dichloropropene	0.4**	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
4-Methyl-2-pentanone	No Given Value	50 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U		
Toluene	5*	10 U	1.0 U	0.54 J	0.24 J	1.2	5.0 U		
trans-1,3-Dichloropropene	0.4**	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
1,1,2-Trichloroethane	1	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Tetrachloroethene	5*	10 U	1.0 U	0.46 J	1.0 U	0.55 J	5.0 U		
2-Hexanone	50	50 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U		
Dibromochloromethane	50	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Chlorobenzene	5*	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Ethylbenzene	5*	10 U	1.0 U	1.0 U	1.0 U	0.22 J	5.0 U		
m/p-Xylenes	5*	20 U	2.0 U	0.56 J	2.0 U	0.78 J	10 U		
o-Xylene	5*	10 U	1.0 U	1.0 U	1.0 U	0.31 J	5.0 U		
Styrene	5*	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
Bromoform	50	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
1,1,2,2-Tetrachloroethane	5*	10 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.76	0.10 U	0.10 U	0.24		
Chloride (mg/L)			321	481	976	580	782		
Total organic carbon (mg/L)			4.1	9.2	6.8	16.8	24.6		
Sulfate (mg/L)			291	409	246	731	167		
Nitrate as N (mg/L)			1.1	2.4	1.0 U	1.0 U	1.0 U		
Methane (µg/L)			30	4.2	2.7	54	69		
Ethane (µg/L)			1.0 U	1.0 U	1.0 U	3.4	1.0		
Ethene (µg/L)			4.2	1.1	1.3	28	40		
Carbon dioxide (mg/L)			222	177	119	292	647		
Alkalinity, Total as CaCO3 (mg/L)			245	194	133	310	547		
Bicarbonate Alkalinity as CaCO3 (mg/L)			245	194	133	310	547		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.4	1.0 U	19	19		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

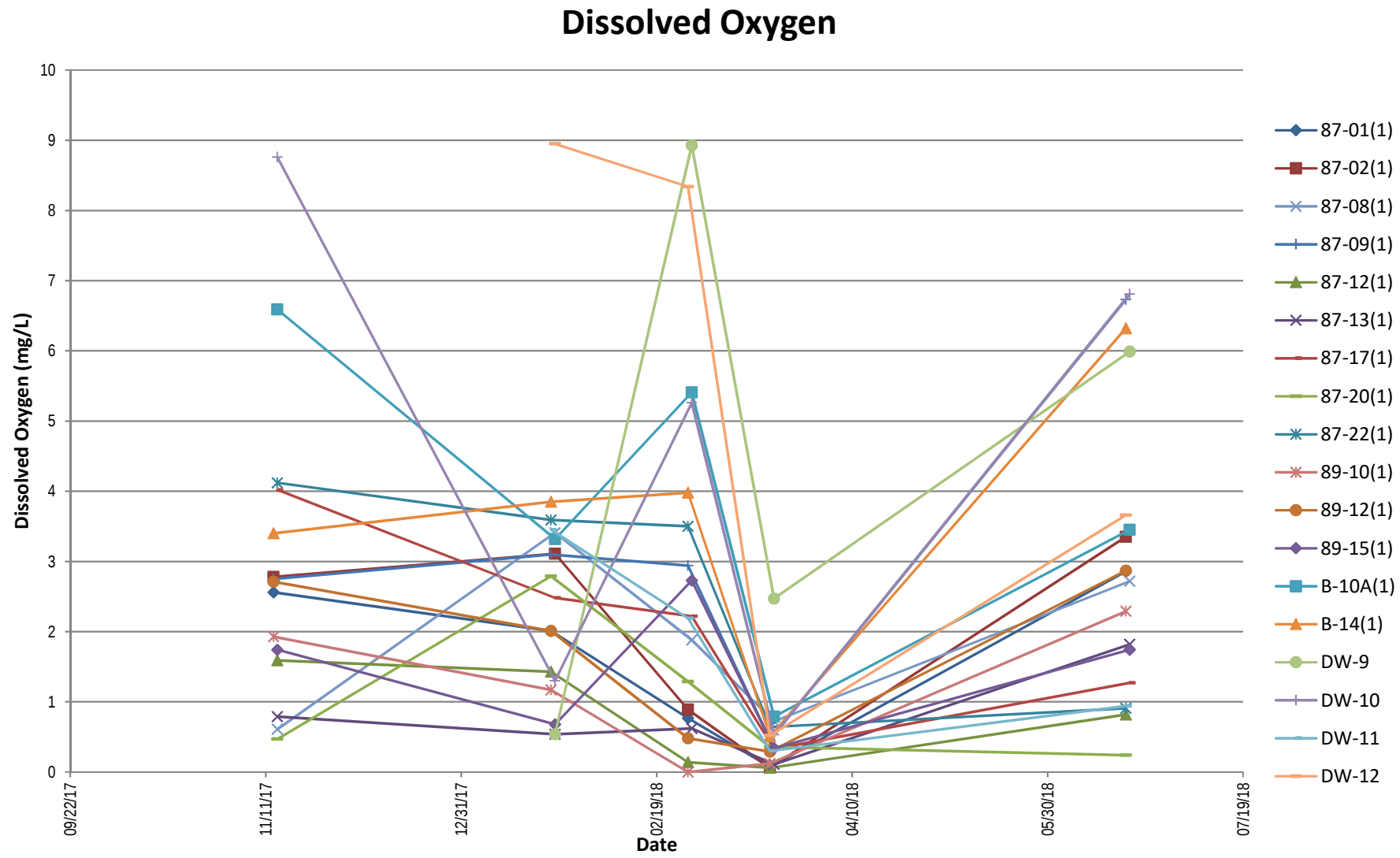
Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Constituents of Concern (Units)	Groundwater Protection Standard (µg/L)	DW-12							
Volatile Organic Compounds (µg/L)		10/19/16	11/13/17	1/24/18	2/27/18	3/20/18	1/0/00	September	December
Chloromethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Vinyl chloride	2	180	1.0 U	1.0 U	1.0 U	0.45 J	0.51 J		
Chloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromomethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1-Dichloroethene	5*	5.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetone	50	5.0 U	2.4 J	5.0 U	1.9 J	5.0 U	5.0 U		
Carbon disulfide	60	0.9 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Methylene chloride	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
trans-1,2-Dichloroethene	5*	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1-Dichloroethane	5*	13	1.0 U	1.0 U	1.0 U	0.76 J	1.3		
cis-1,2-Dichloroethene	5*	1,700 D	1.5	2.2	1.1	4.2	7.5		
2-Butanone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroform	7	1.1	1.0 U	0.35 J	1.0 U	1.0 U	1.0 U		
1,1,1-Trichloroethane	5*	34	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Carbon tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,2-Dichloroethane	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Trichloroethene	5*	83	1..2	0.87 J	0.70 J	1.3	1.3		
1,2-Dichloropropane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromodichloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
cis-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
4-Methyl-2-pentanone	No Given Value	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Toluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
trans-1,3-Dichloropropene	0.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1,2-Trichloroethane	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Tetrachloroethene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
2-Hexanone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dibromochloromethane	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Chlorobenzene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Ethylbenzene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
m/p-Xylenes	5*	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
o-Xylene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Styrene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Bromoform	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
1,1,2,2-Tetrachloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
General Chemistry Parameters									
Iron, ferrous (mg/L)			0.10 U	0.10 U	0.11	0.10 U	0.34		
Chloride (mg/L)			40.7	1,050	1,100	1,100	322		
Total organic carbon (mg/L)			2.9	2.2	2.2	2.8	3.1		
Sulfate (mg/L)			184	138	92.1	113	282		
Nitrate as N (mg/L)			1.0 U	1.5	1.1	1.1	1.0 U		
Methane (µg/L)			1.1 U	1.0 U	1.0 U	1.1 U	1.1 U		
Ethane (µg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Ethene (µg/L)			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Carbon dioxide (mg/L)			73.1	62.6	56.6	111	204		
Alkalinity, Total as CaCO3 (mg/L)			80.4	66.4	64.0	122	212		
Bicarbonate Alkalinity as CaCO3 (mg/L)			80.4	66.4	64.0	122	212		
Carbonate Alkalinity as CaCO3 (mg/L)			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Volatile Fatty Acids (mg/L)									
Lactic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Acetic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Propionic acid			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		
Butyric acid			2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		
Pyruvic acid			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		

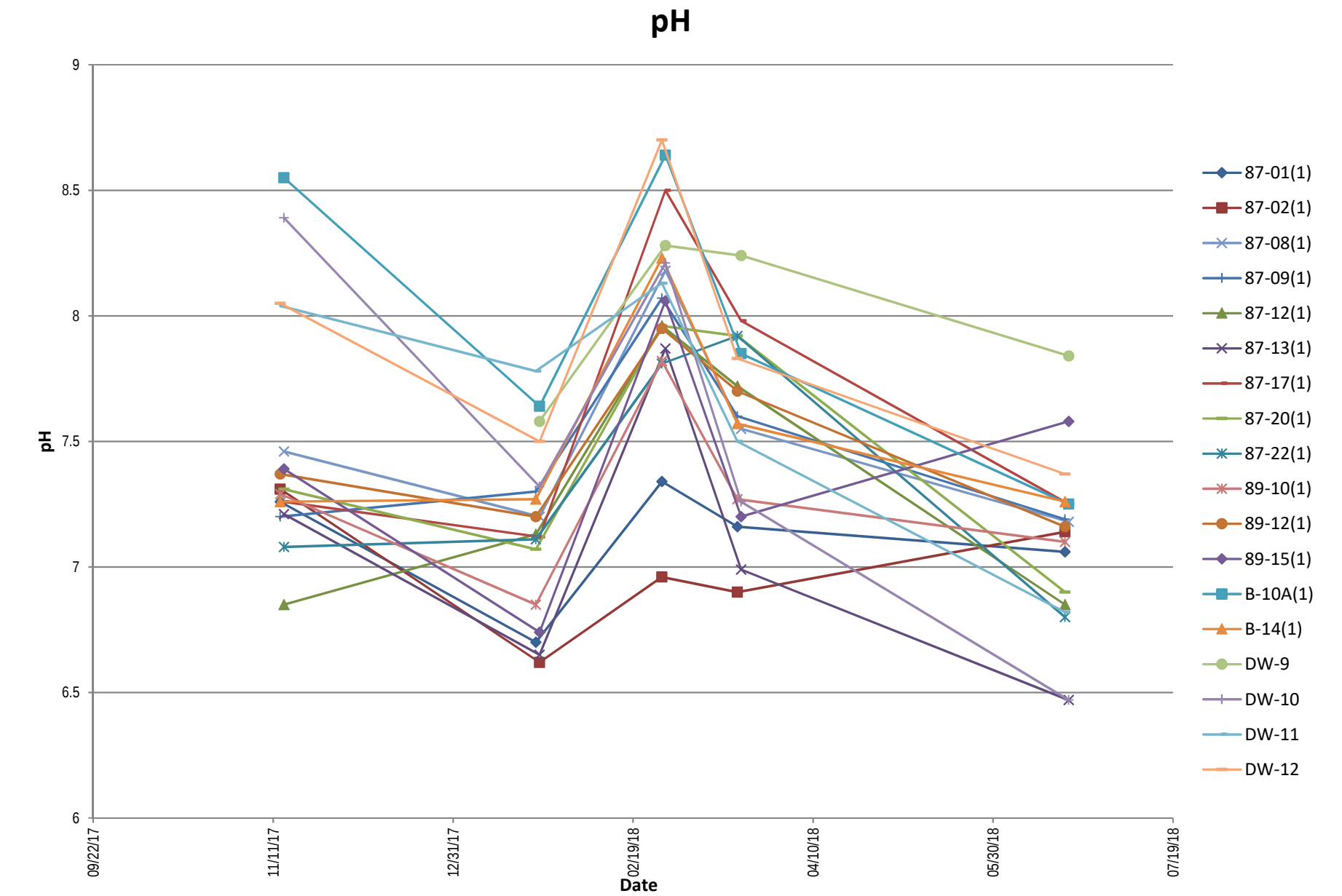
Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron
Wheatfield, New York

Notes:
All concentrations reported in micrograms per liter (µg/L) or parts per billion (ppb).
* = The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.
** = Applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively.
Shaded = Compound exceeds Groundwater Protection Standard.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detection limit.
D = Compound analyzed at secondary dilution.
E = Compound exceeds the calibration range.

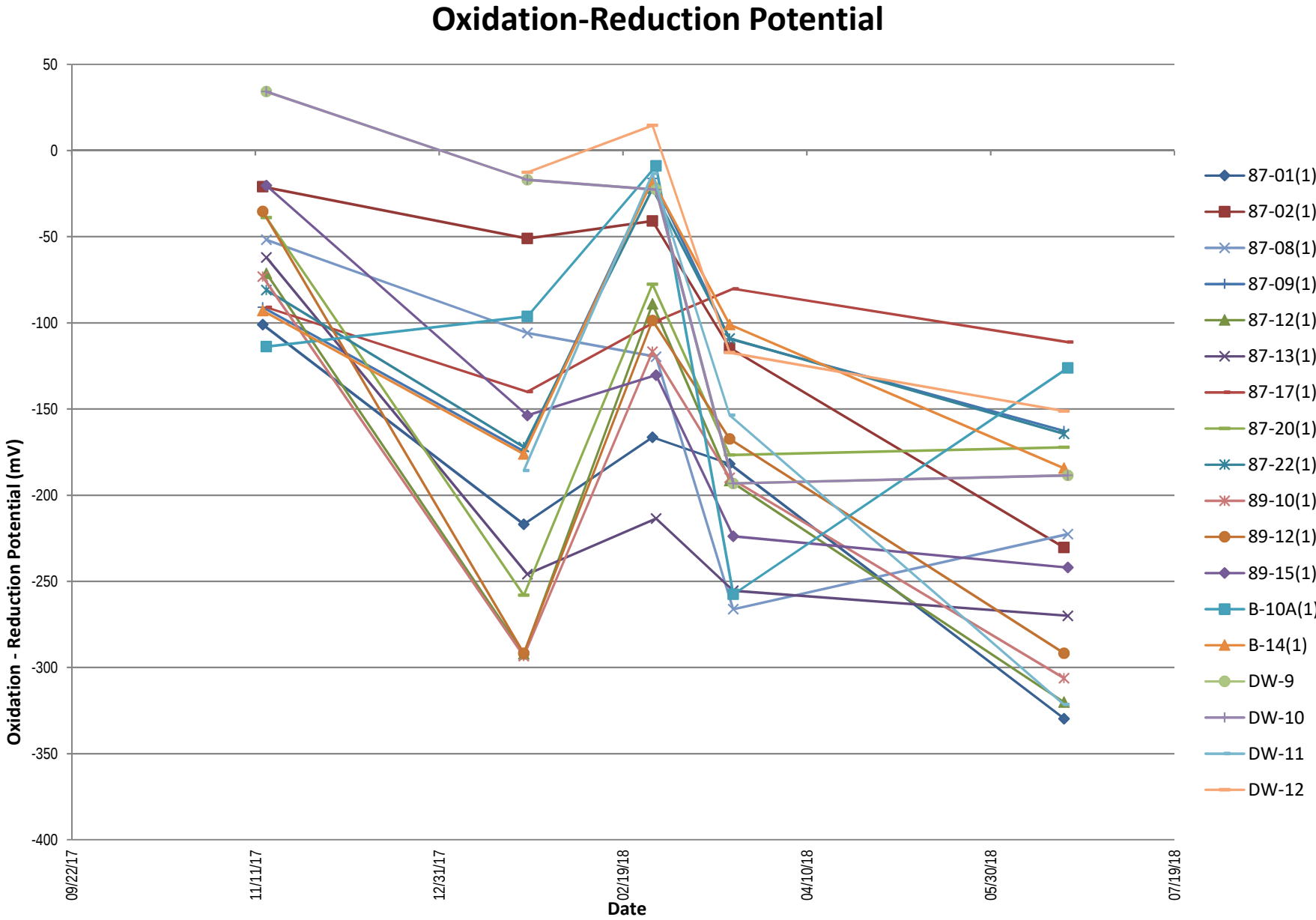
Graph 1
Dissolved Oxygen
Former Bell Aerospace Textron Wheatfield, New York



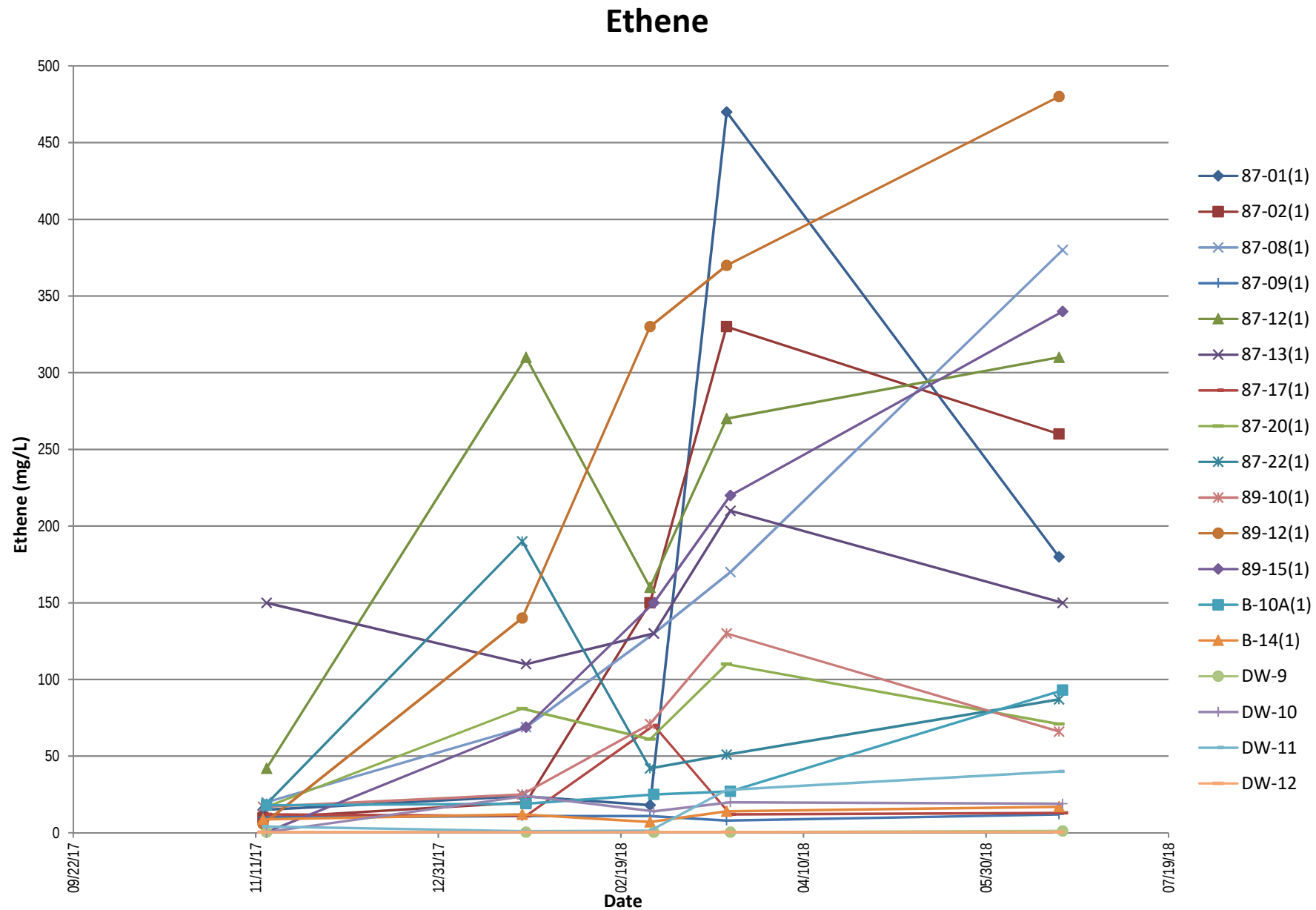
Graph 2
pH
Former Bell Aerospace Textron Wheatfield, New York



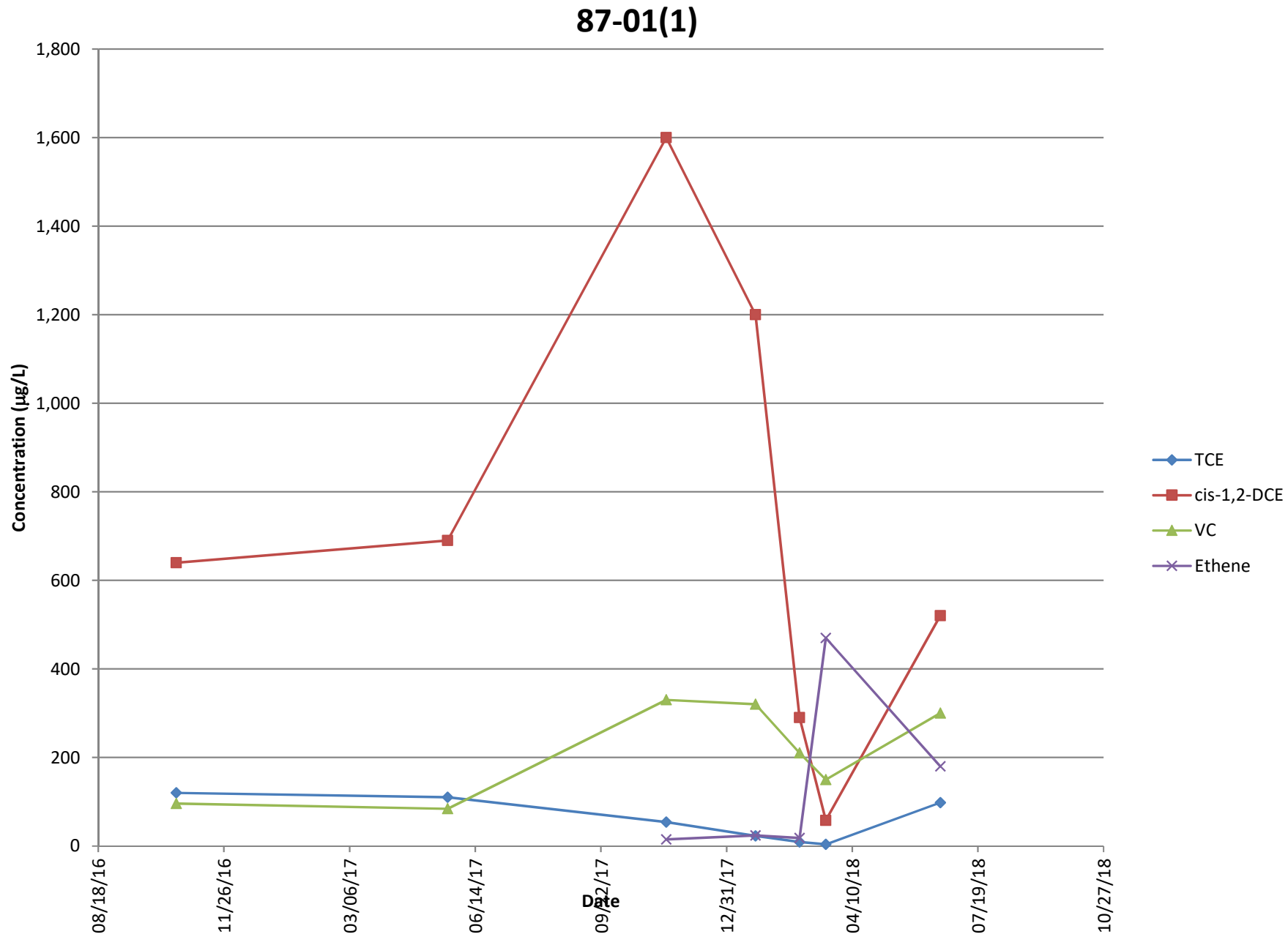
Graph 3
ORP
Former Bell Aerospace Textron Wheatfield, New York



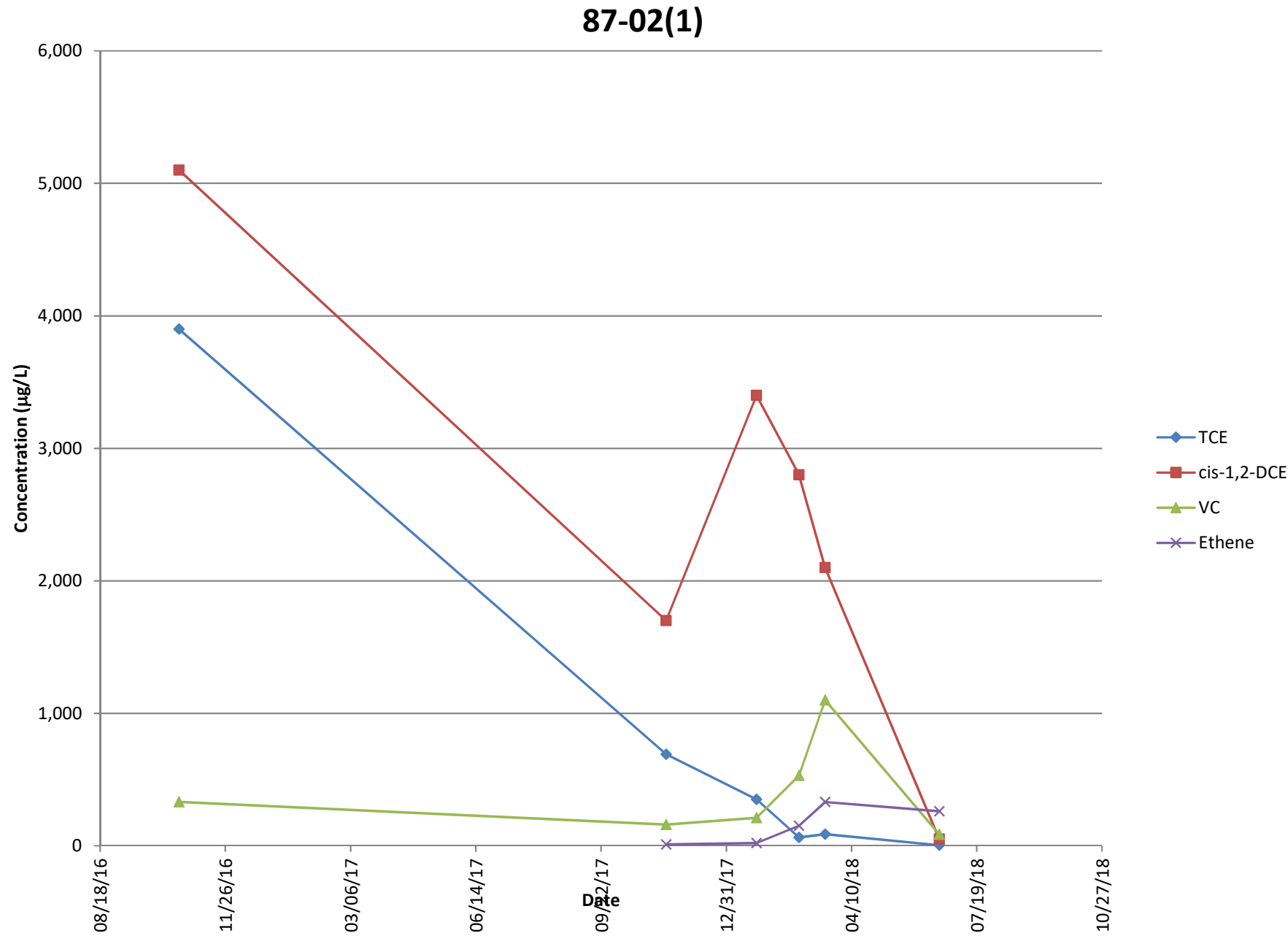
Graph 5
Ethene
Former Bell Aerospace Textron Wheatfield, New York



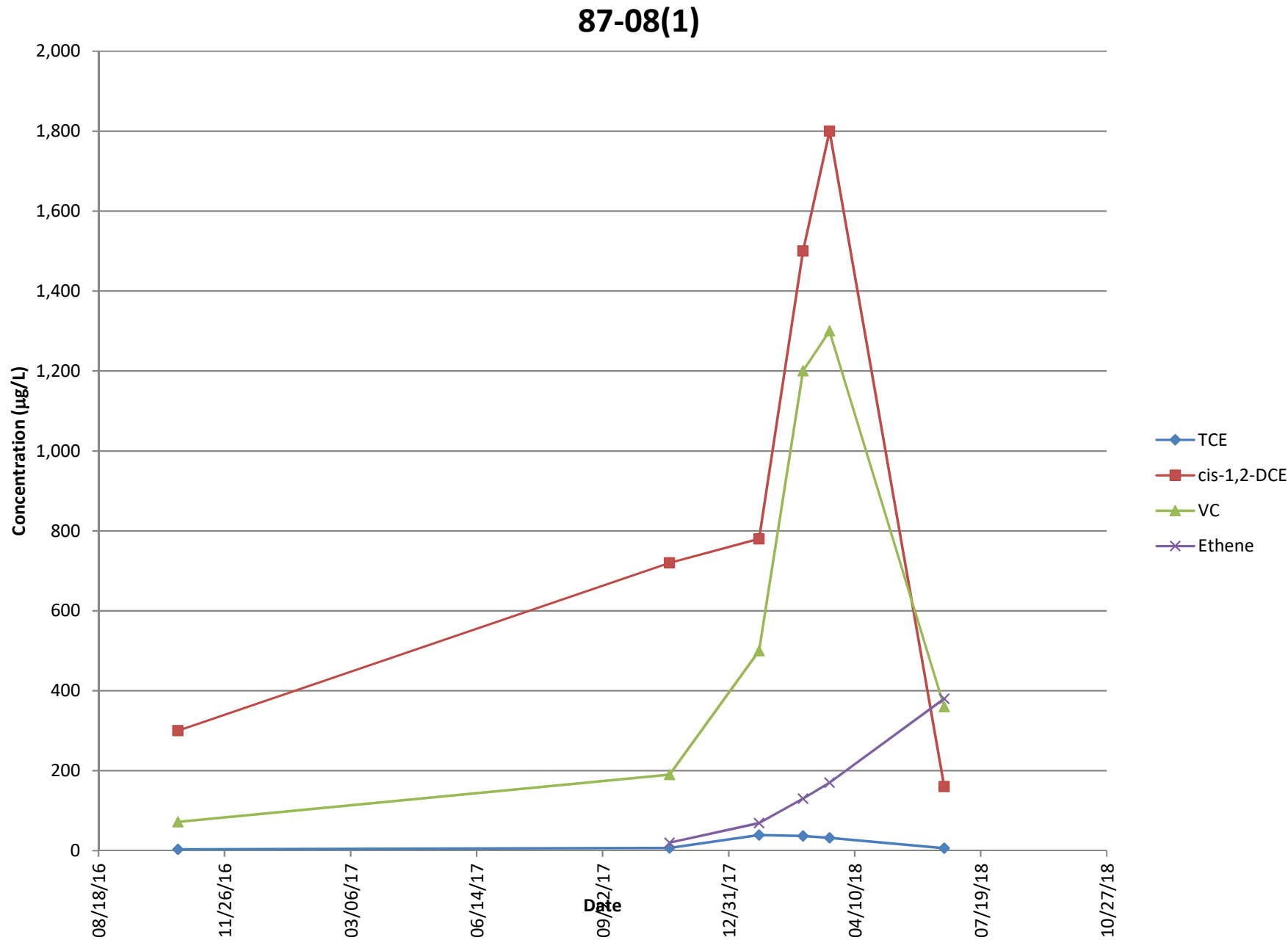
Graph 6
87-01(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



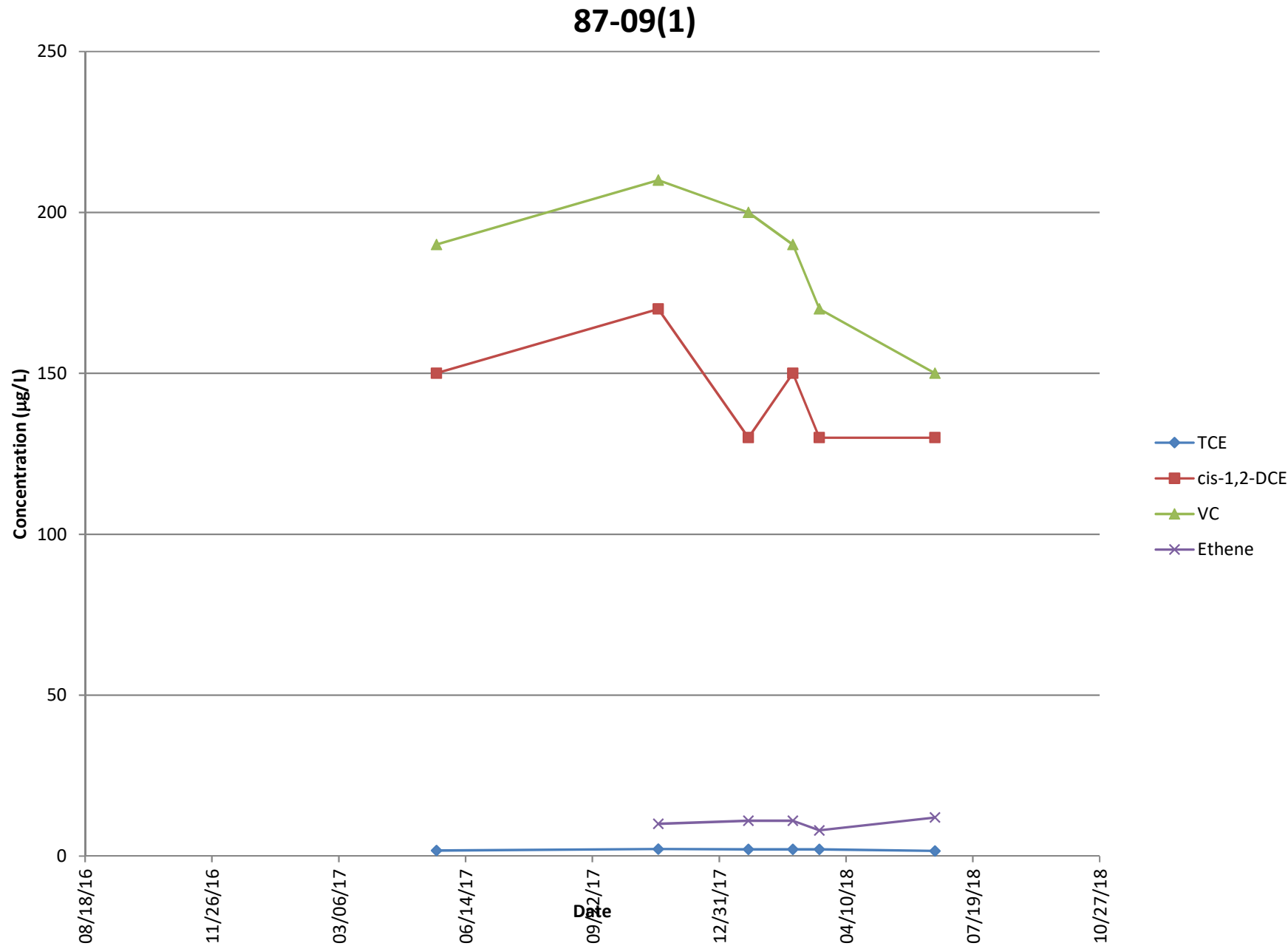
Graph 7
87-02(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



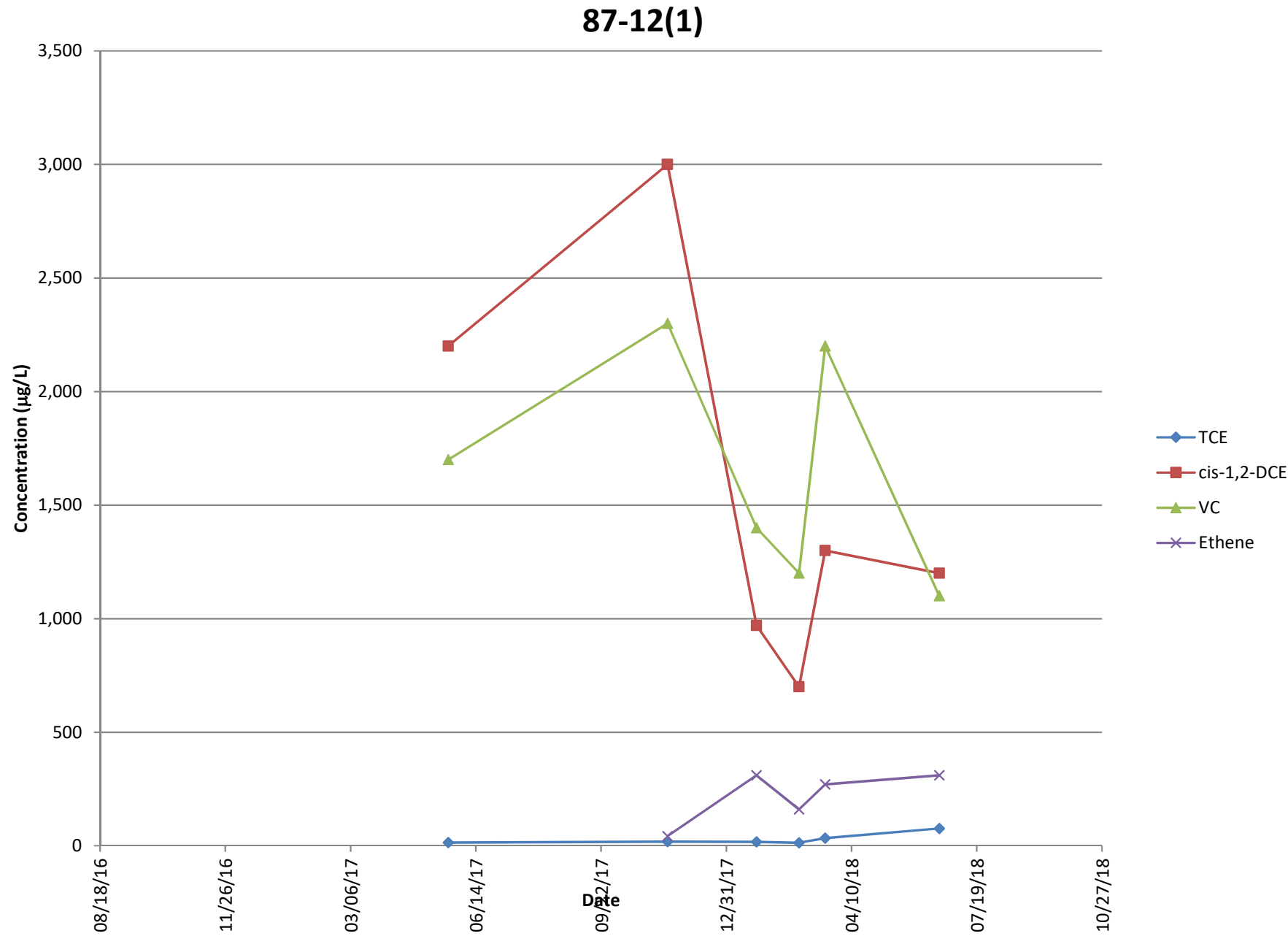
Graph 8
87-08(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



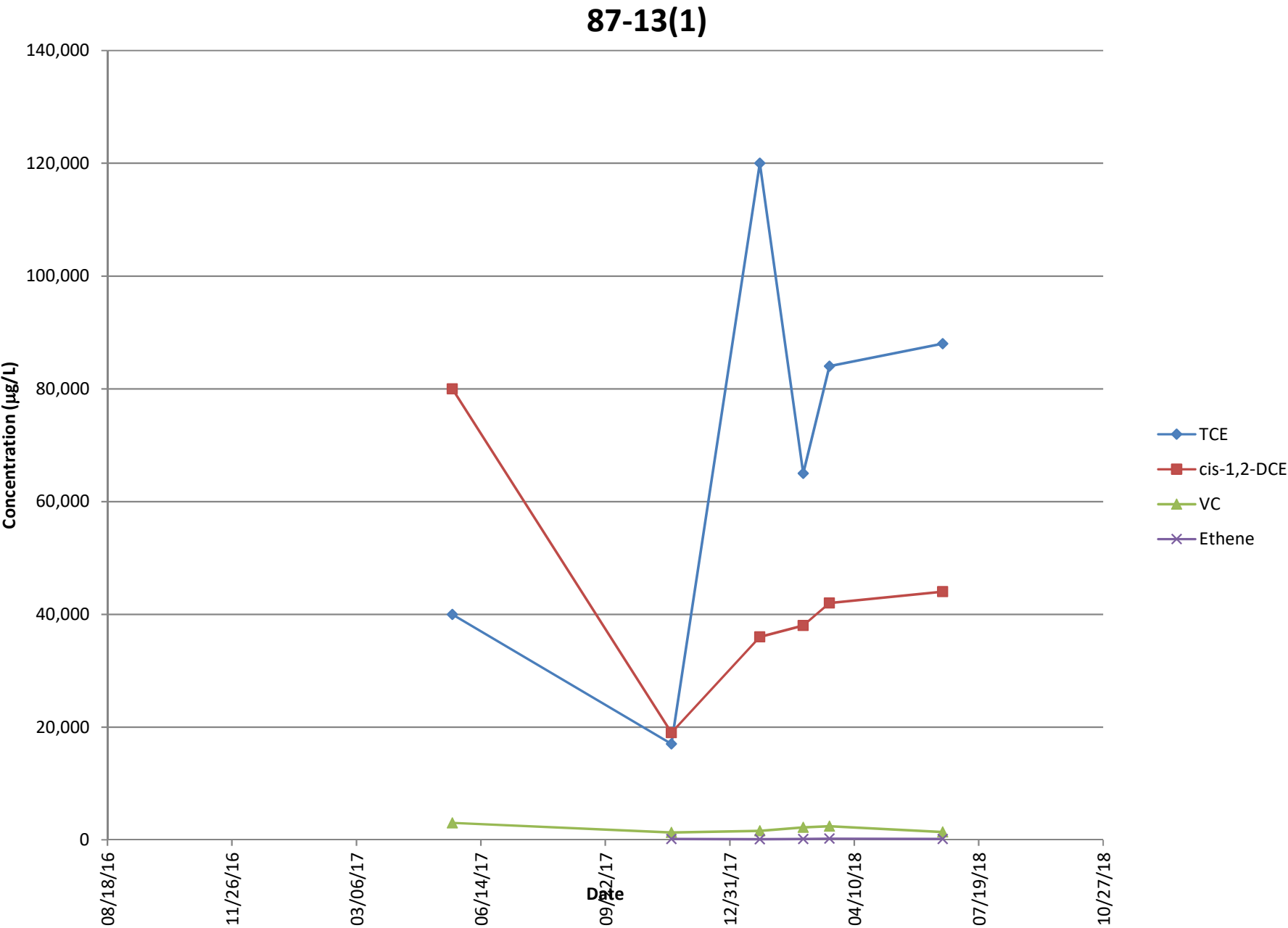
Graph 9
87-09(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



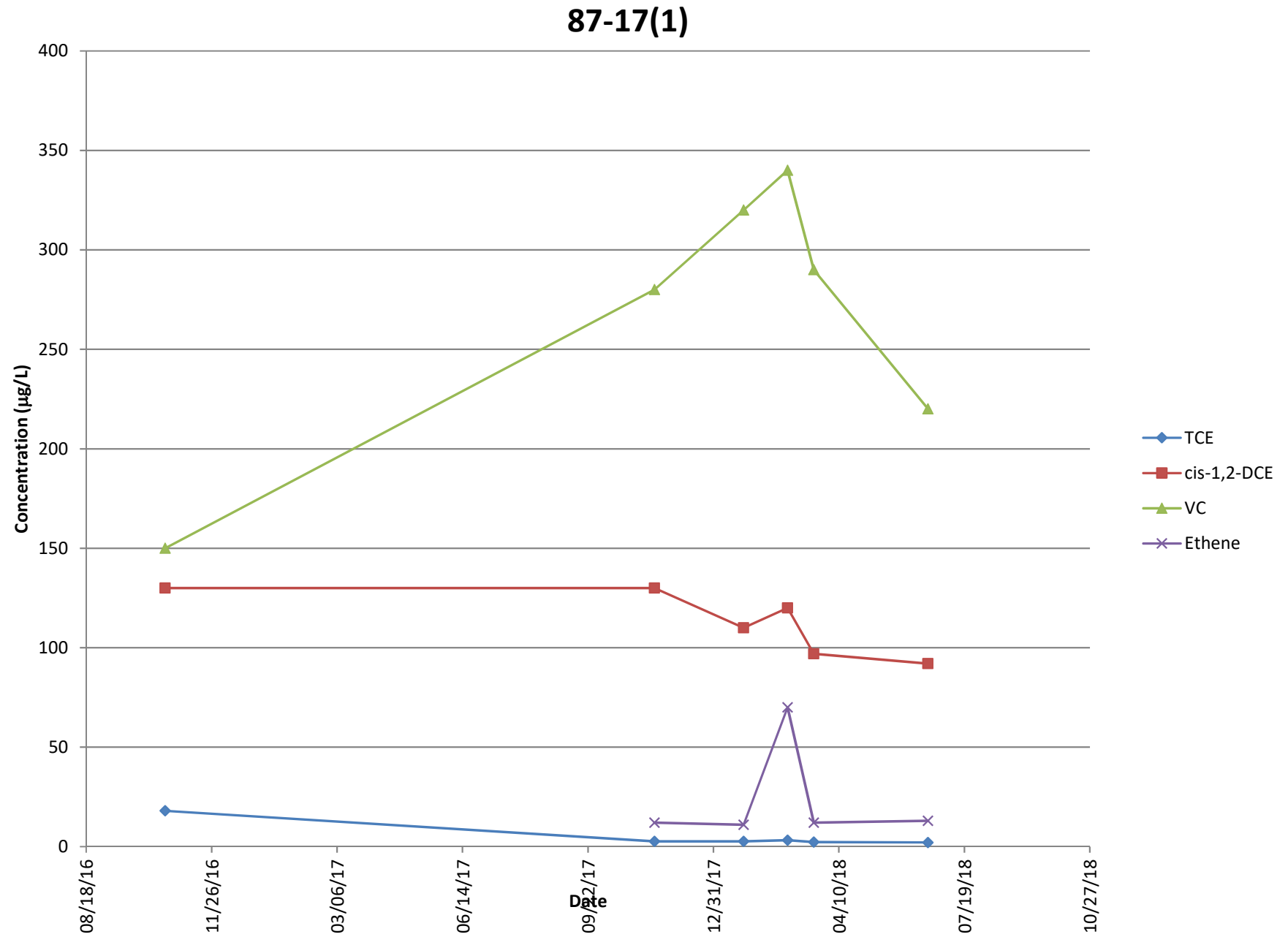
Graph 10
87-12(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



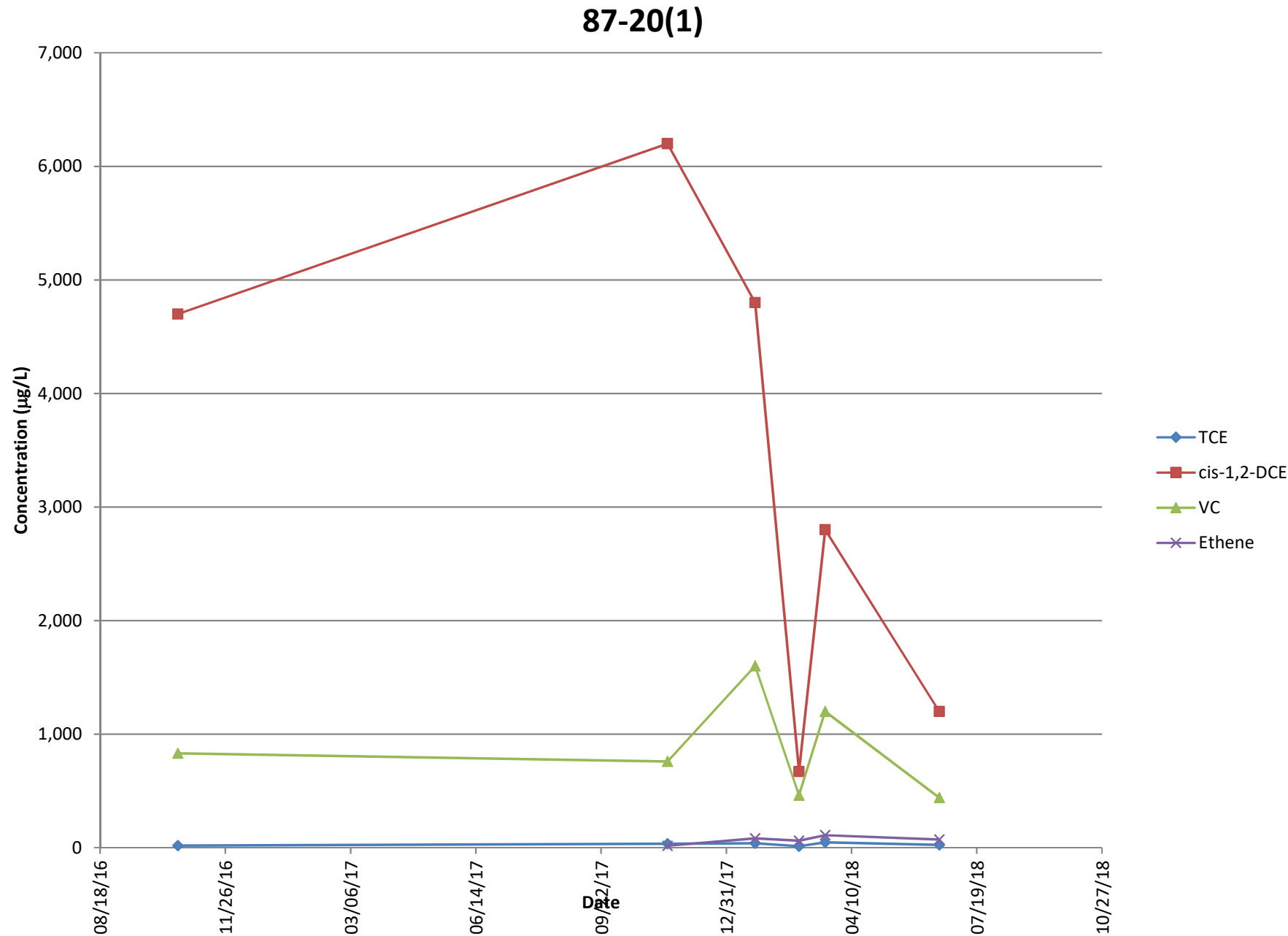
Graph 11
87-13(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



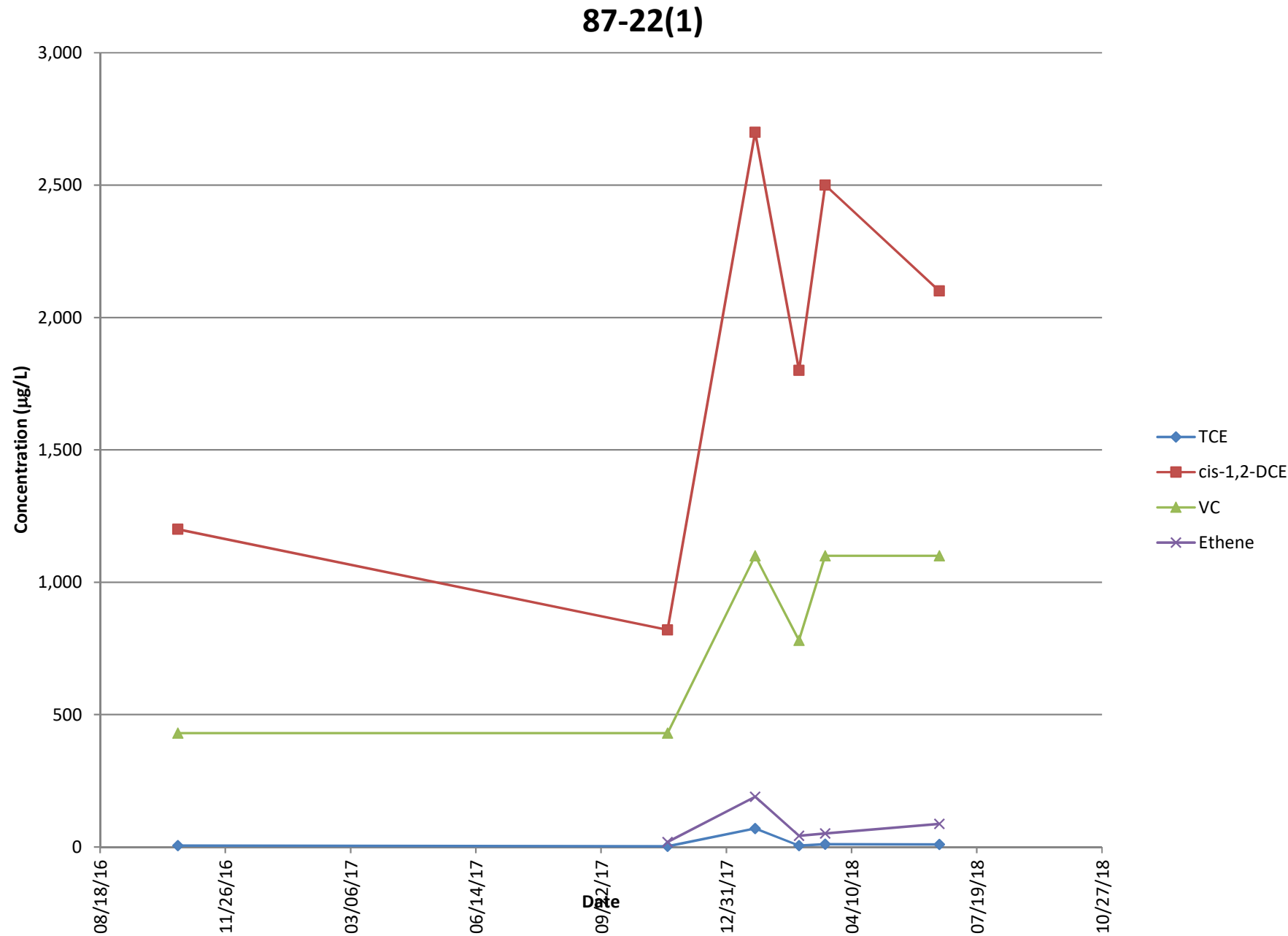
Graph 12
87-17(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



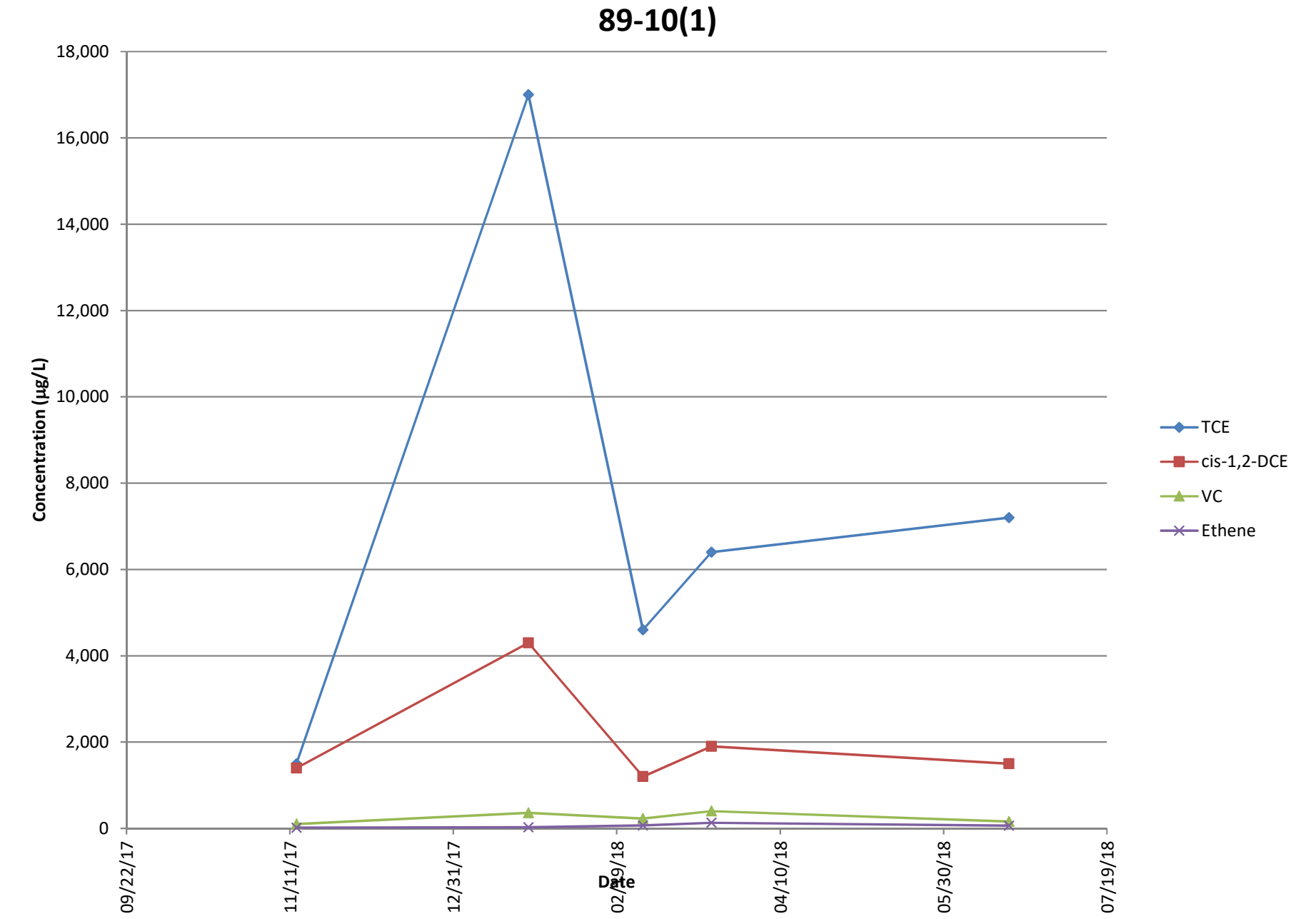
Graph 13
87-20(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



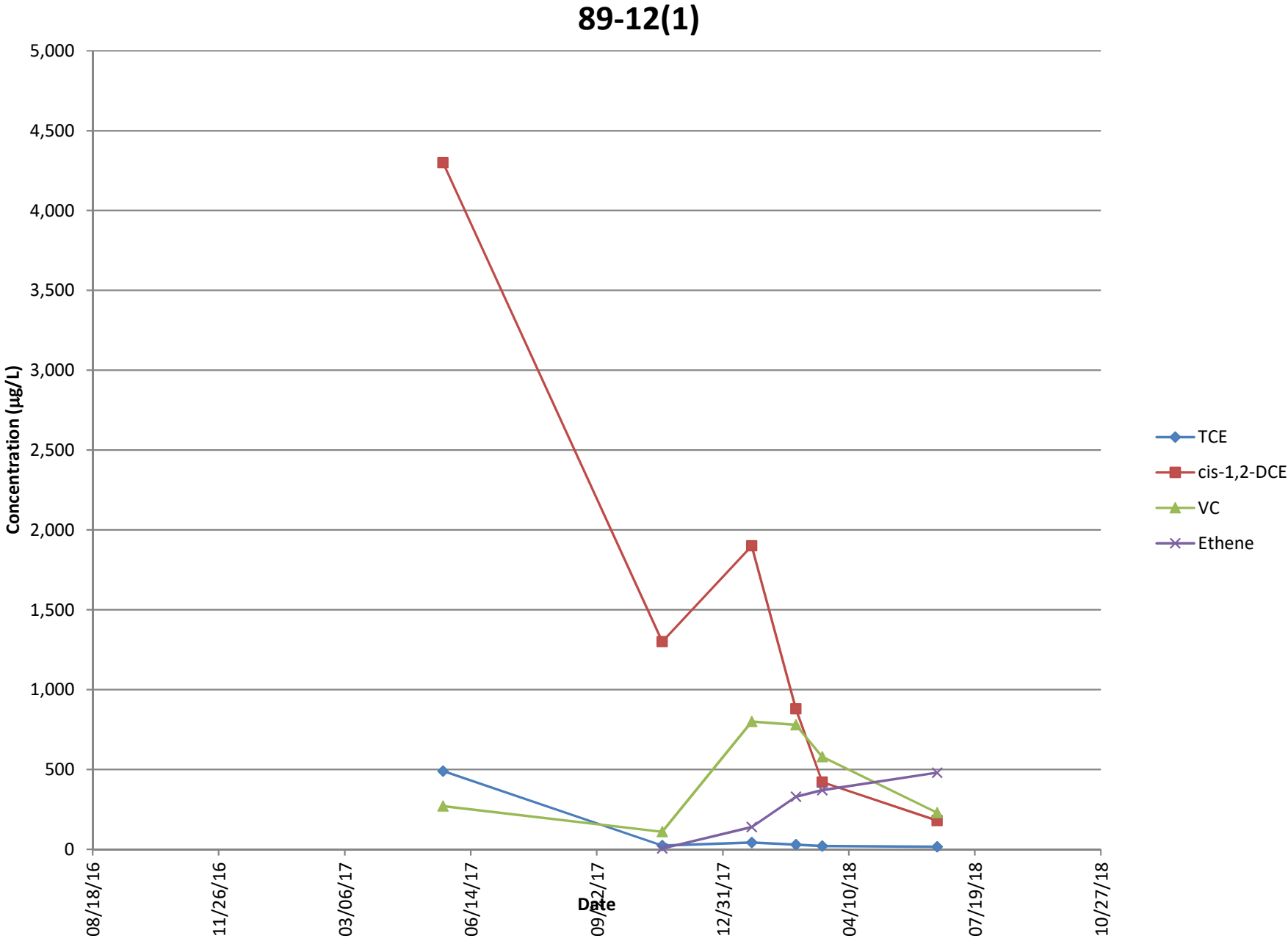
Graph 14
87-22(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



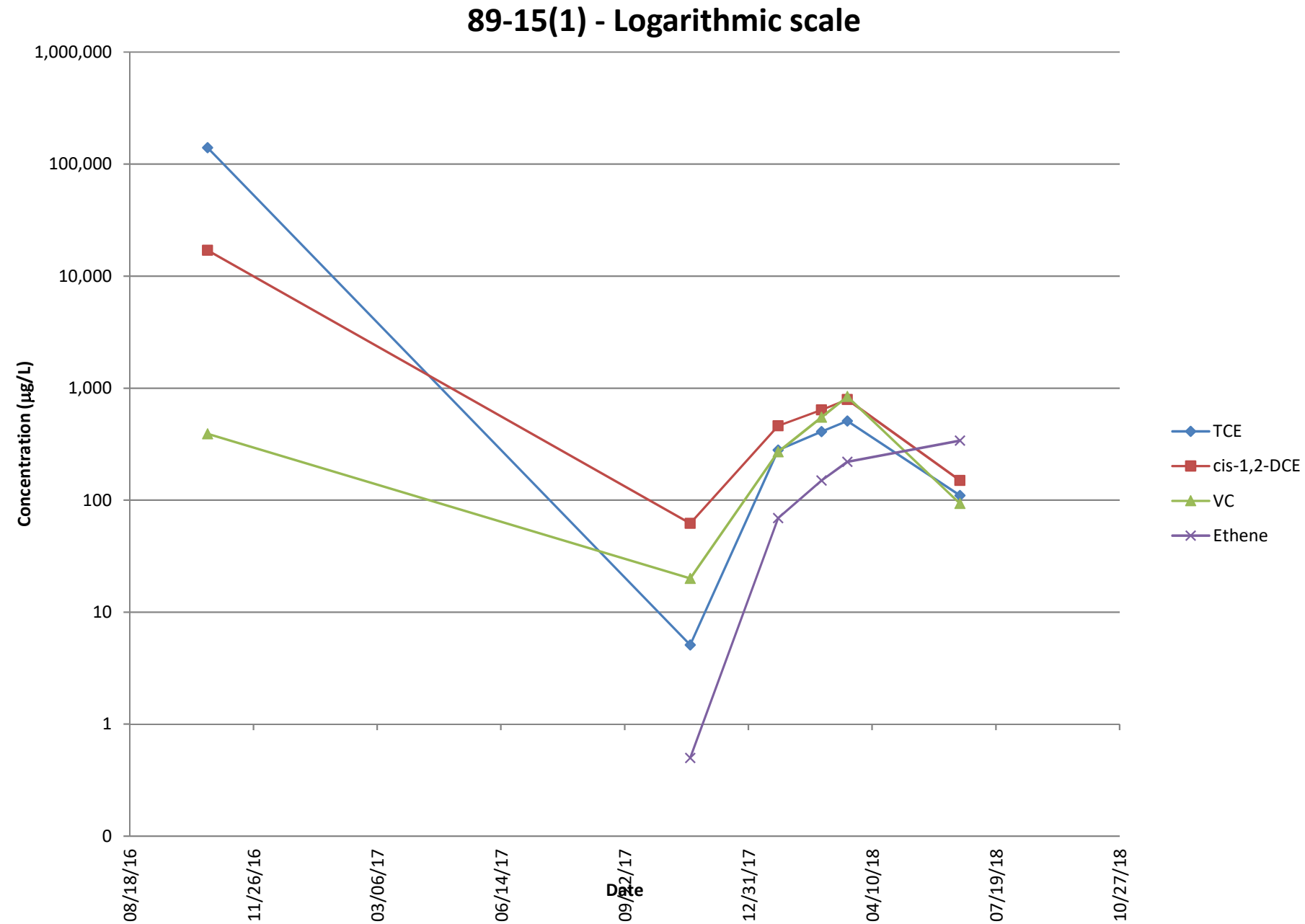
Graph 15
89-10(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



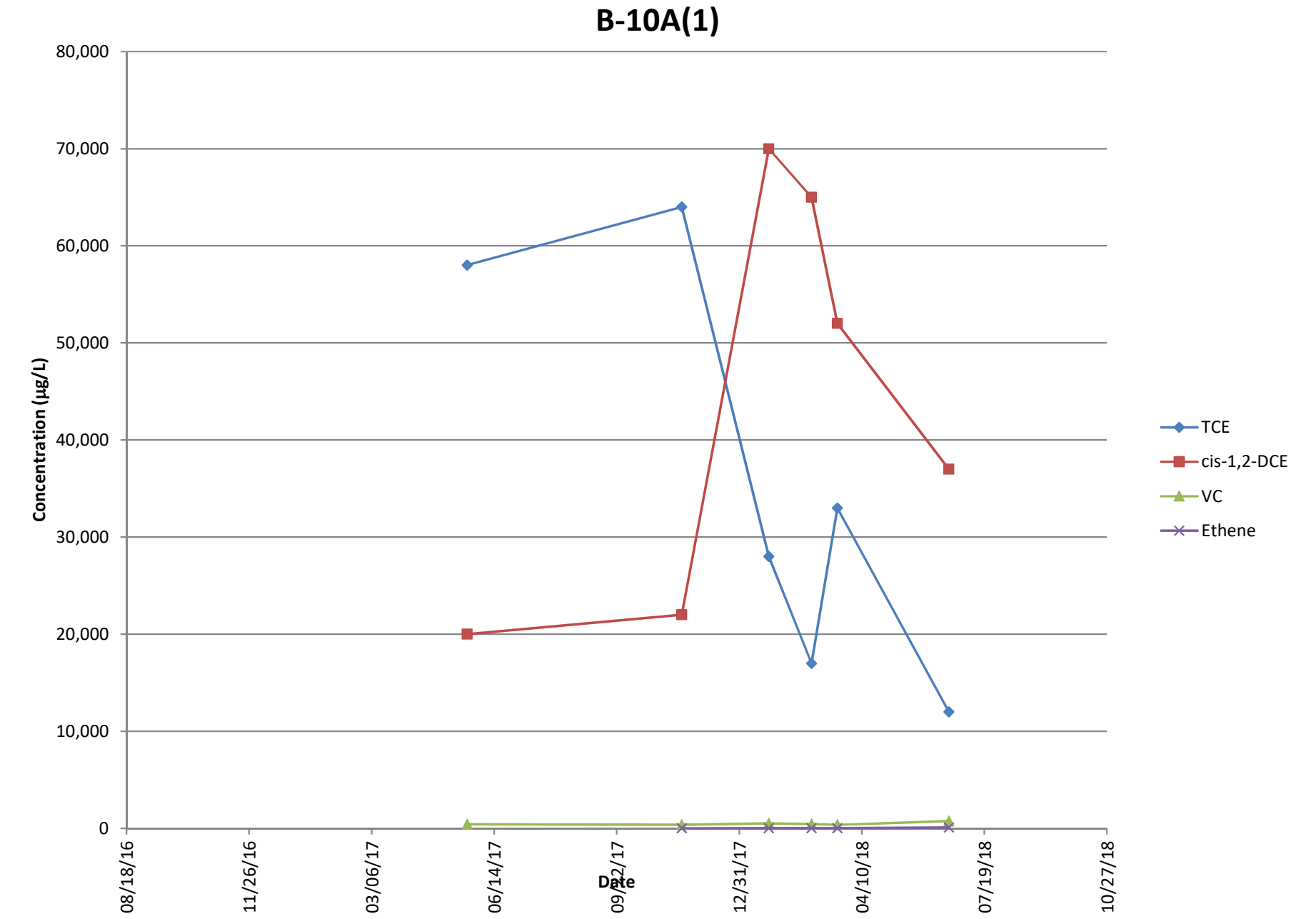
Graph 16
89-12(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



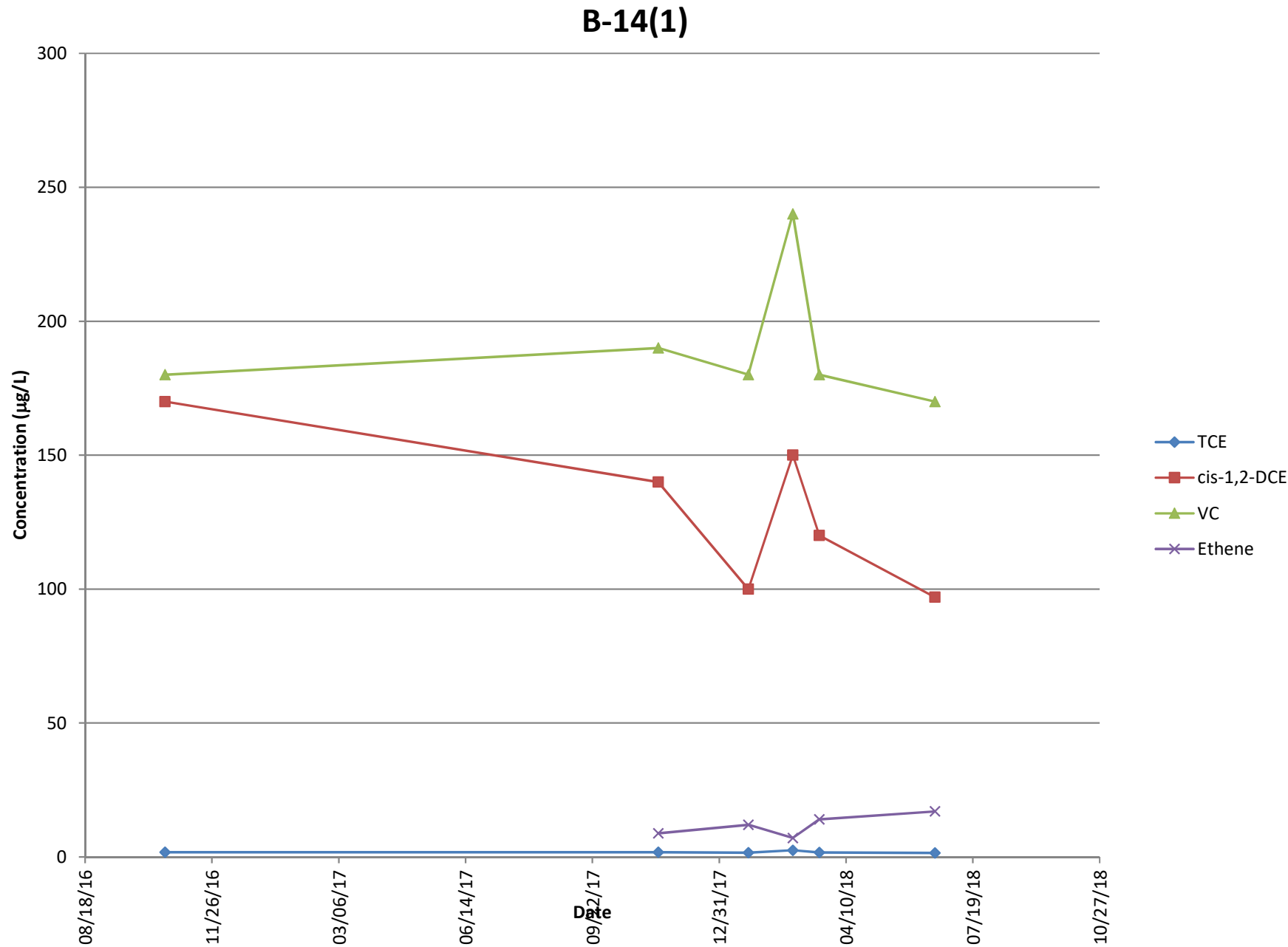
Graph 17
89-15(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



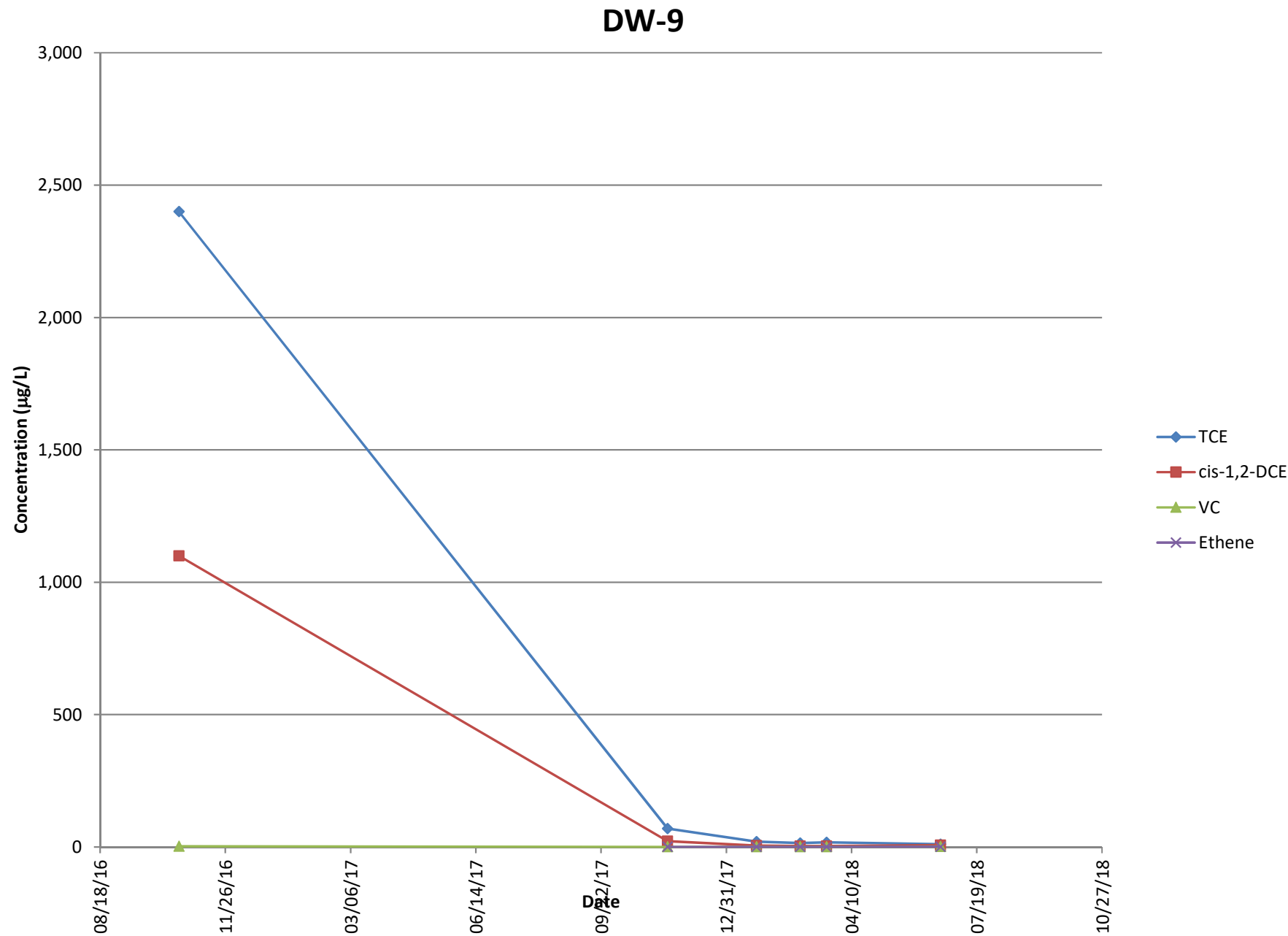
Graph 18
B-10A(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



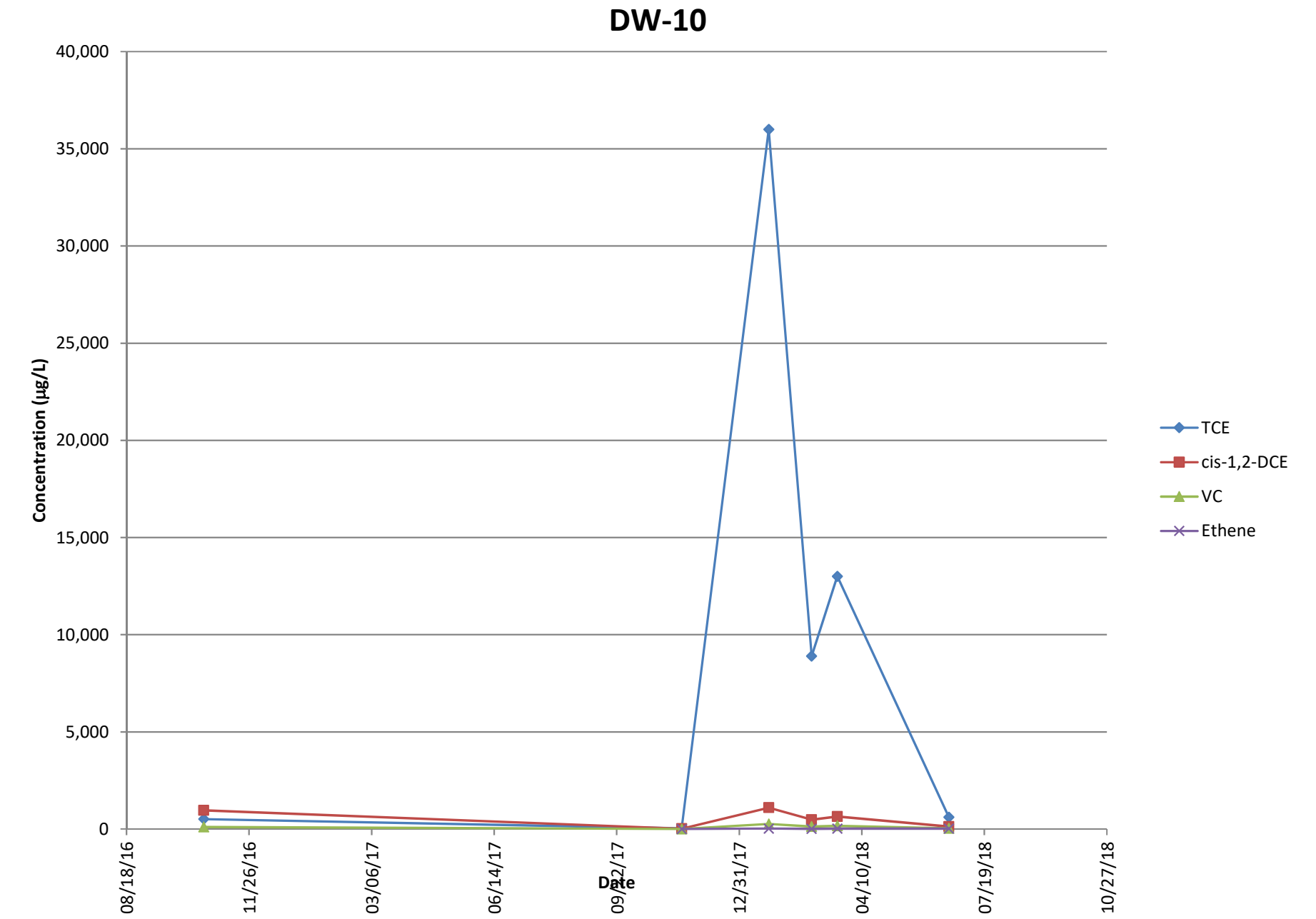
Graph 19
B-14(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



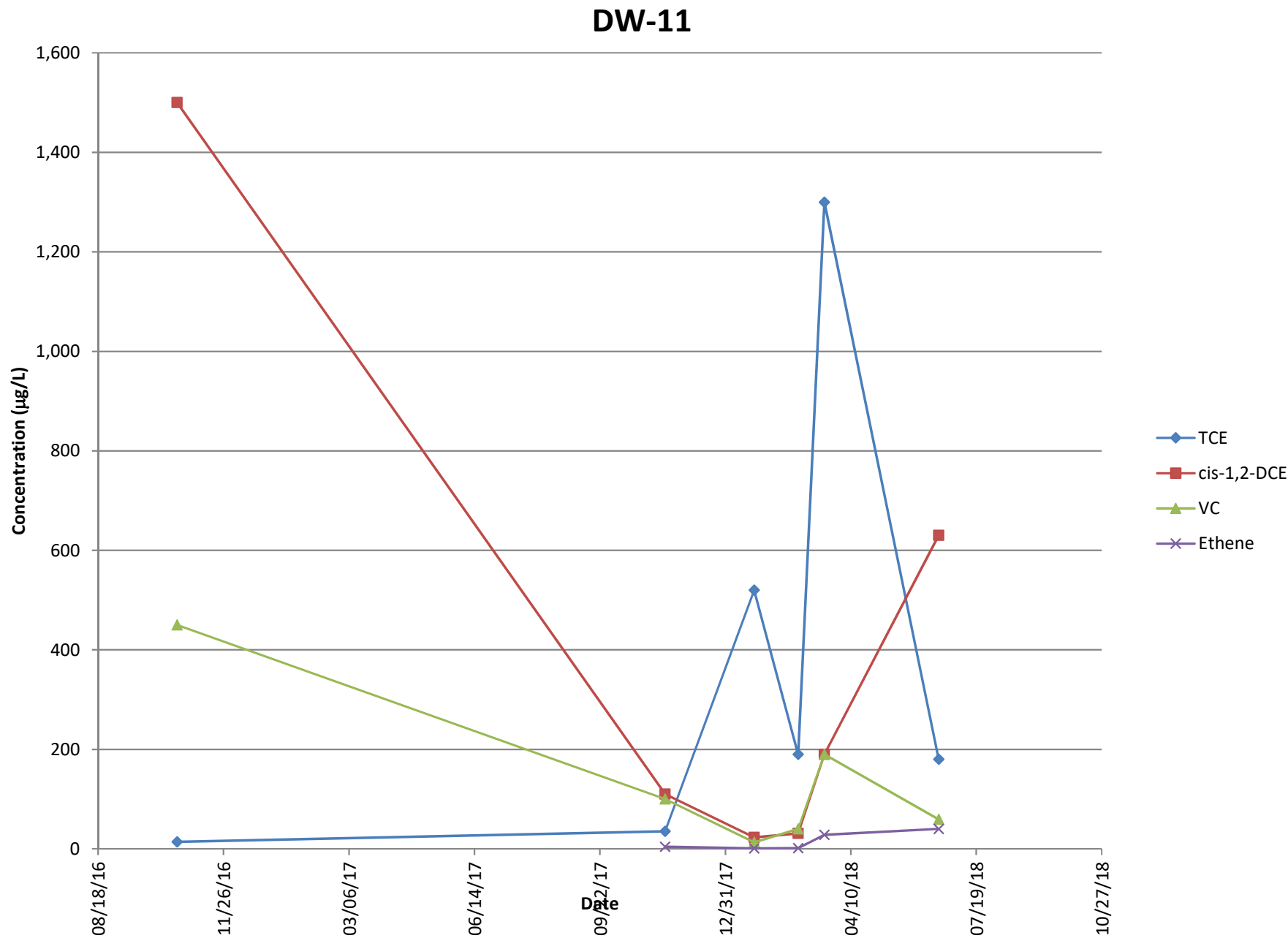
Graph 20
DW-9 Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



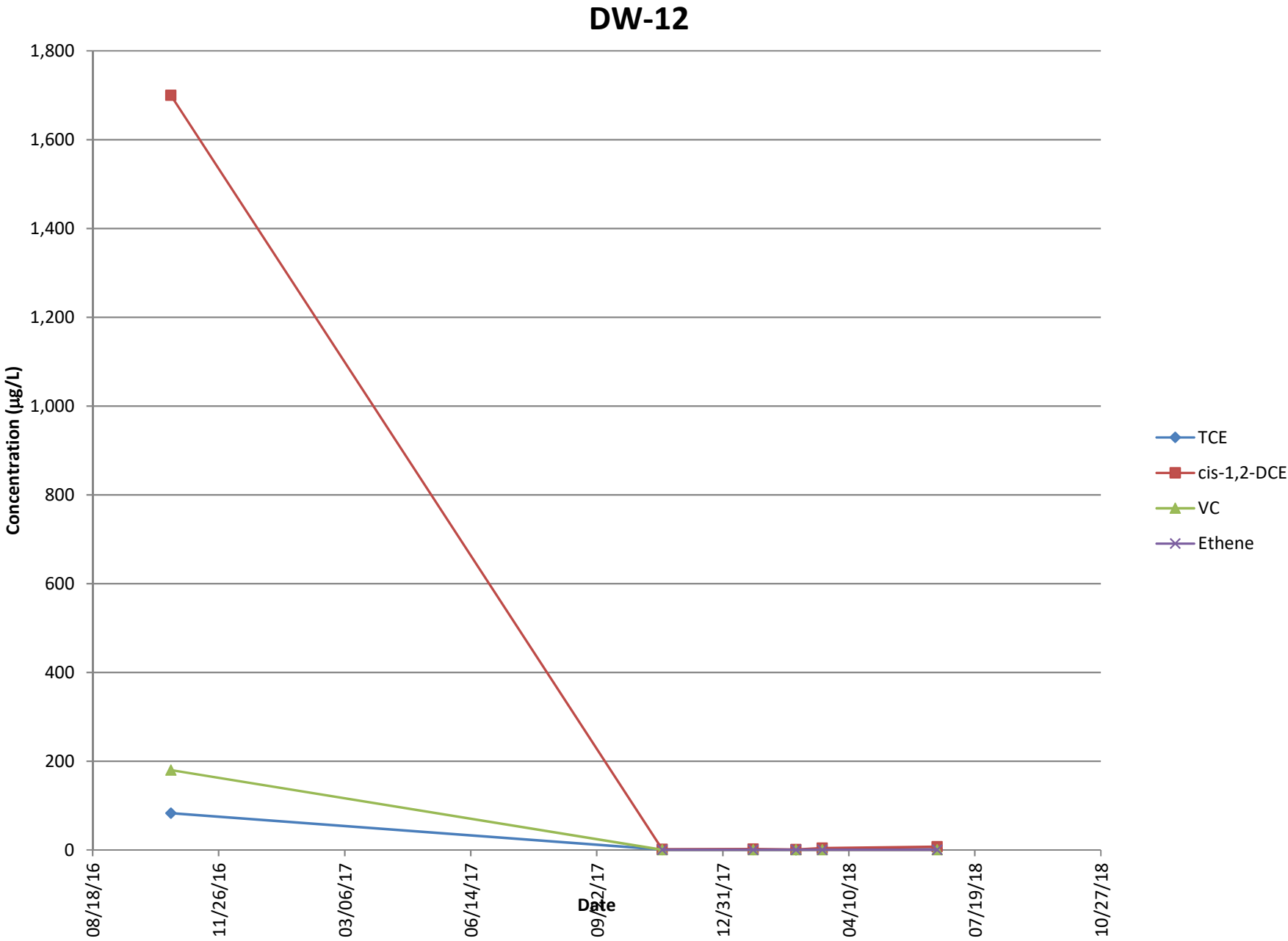
Graph 21
DW-10 Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



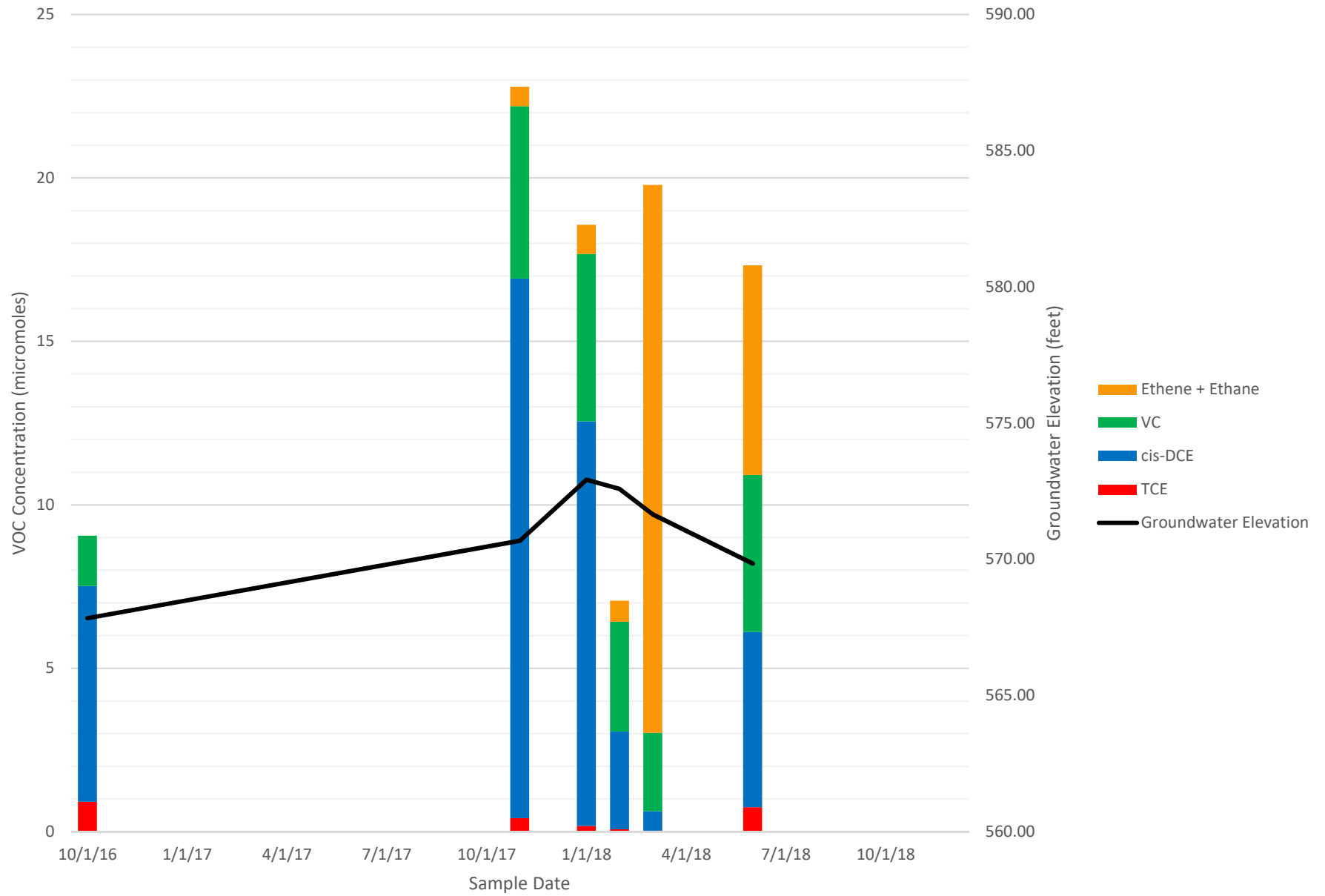
Graph 22
DW-11 Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



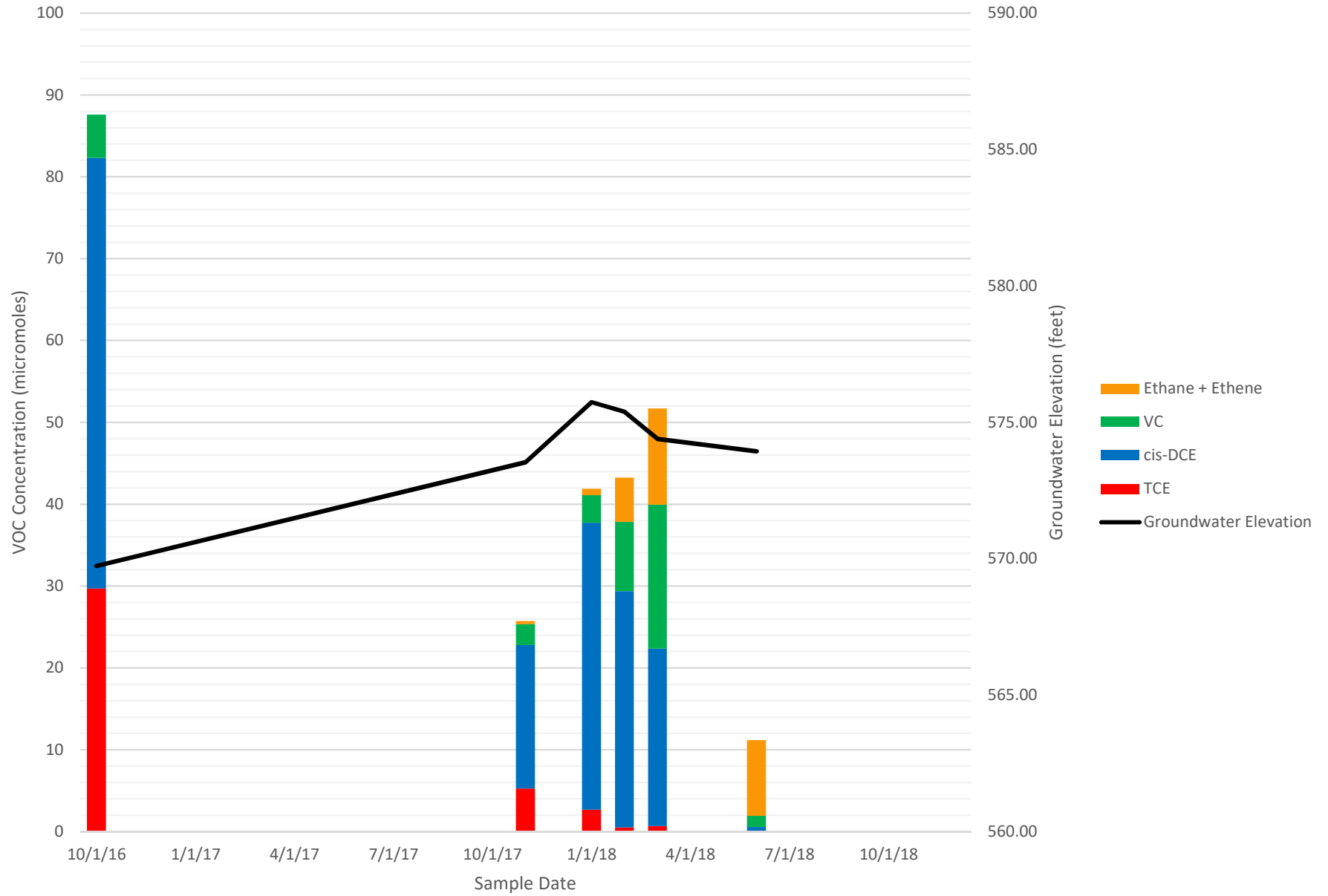
Graph 23
DW-12 Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



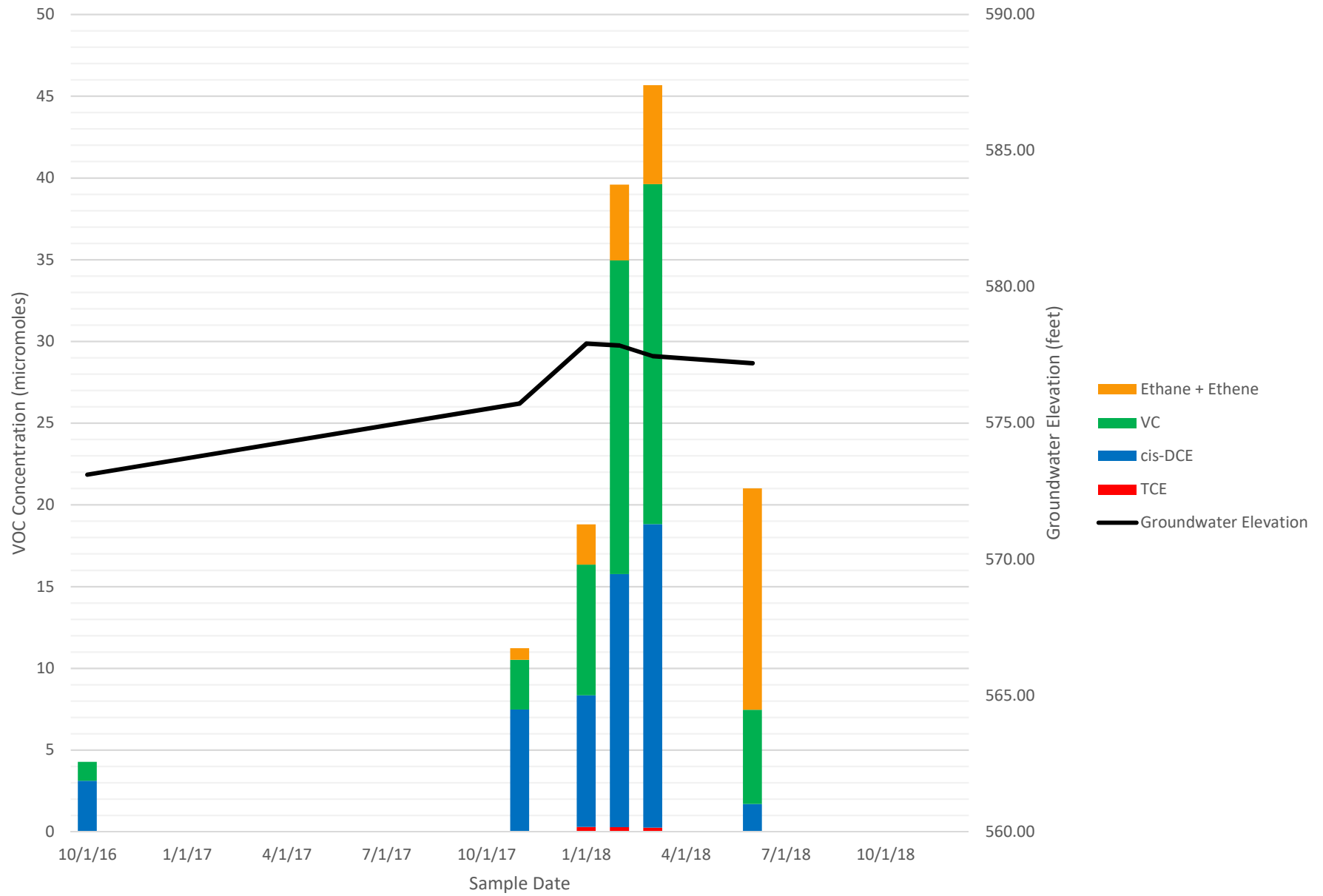
87-01(1)



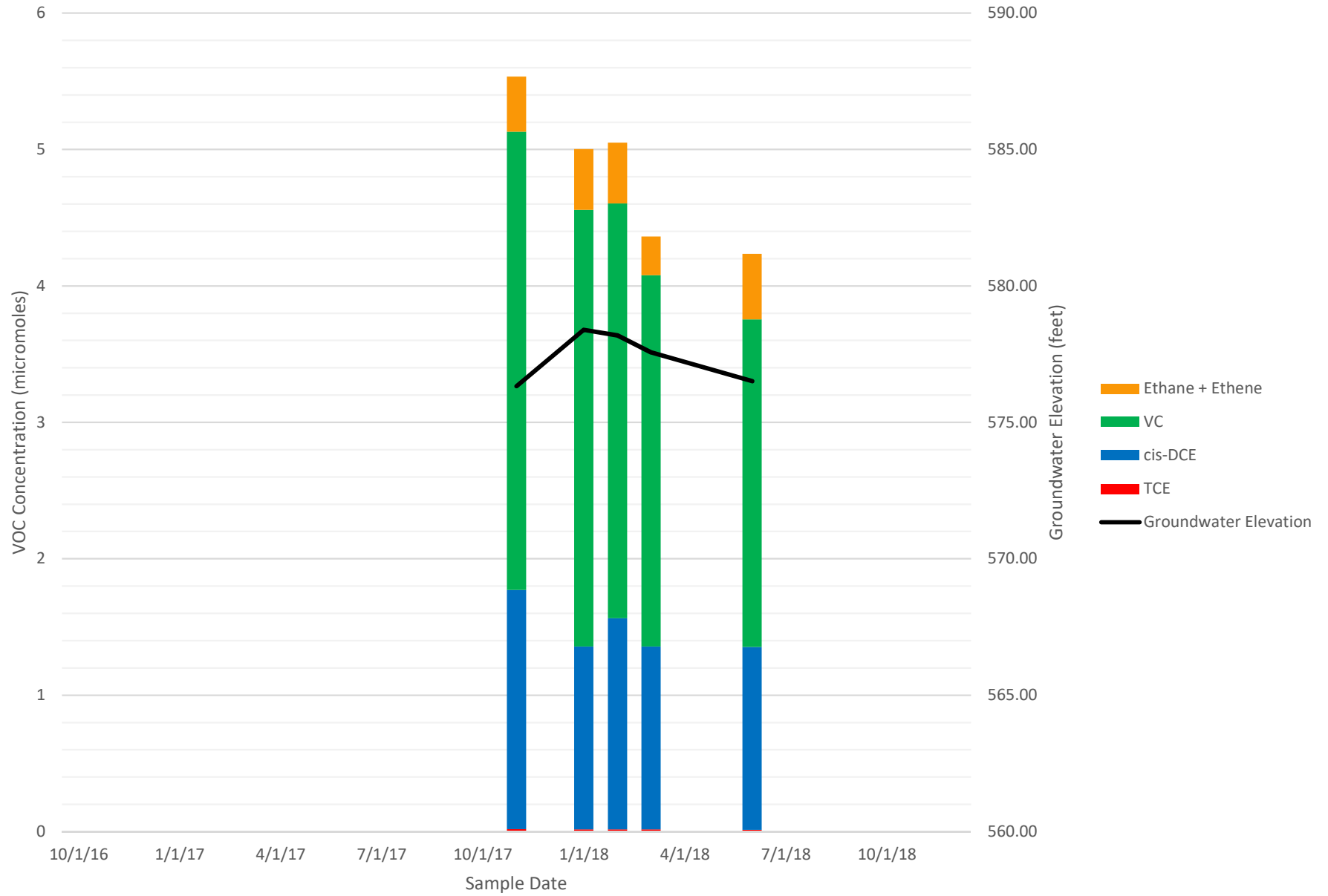
87-02(1)



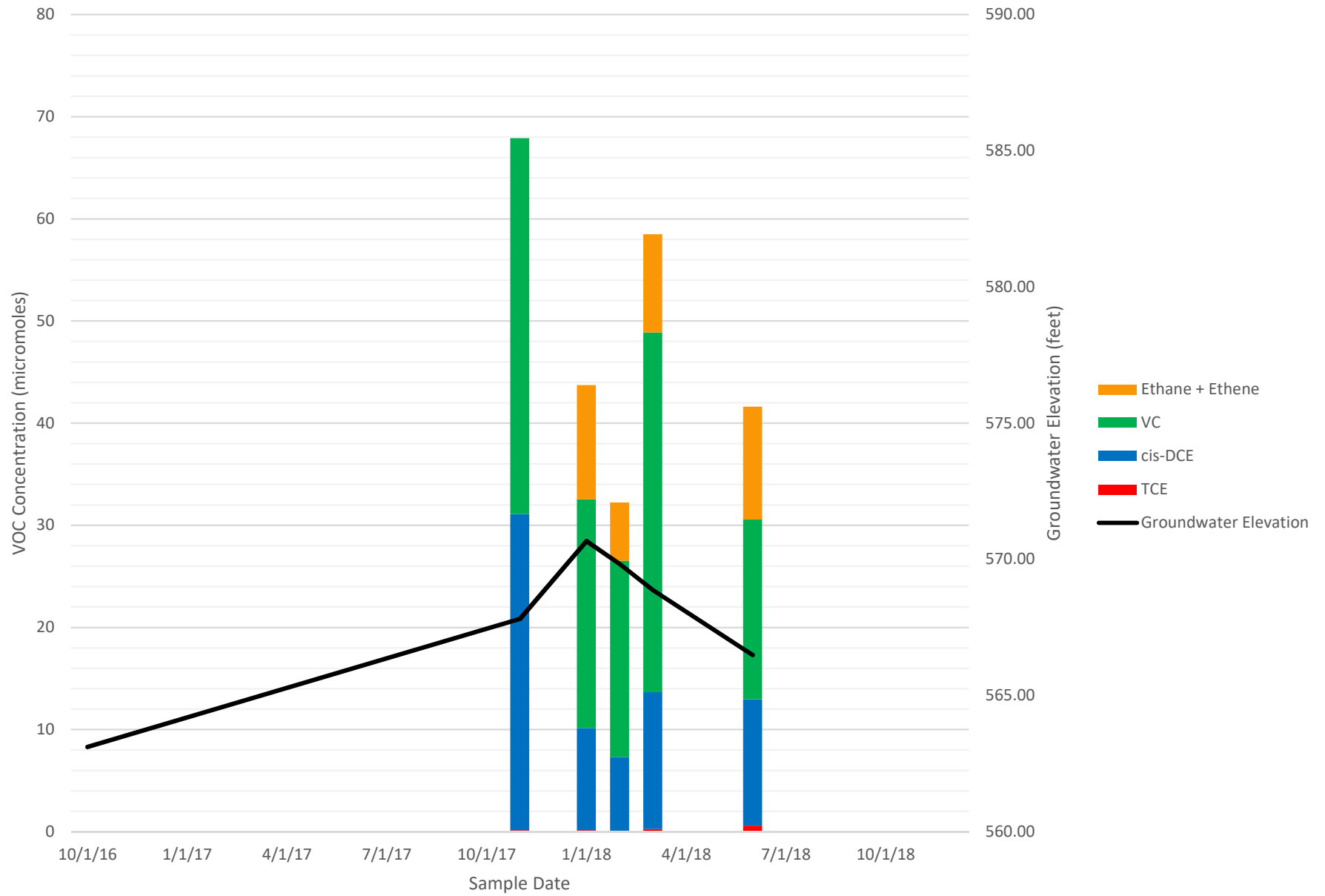
87-08(1)



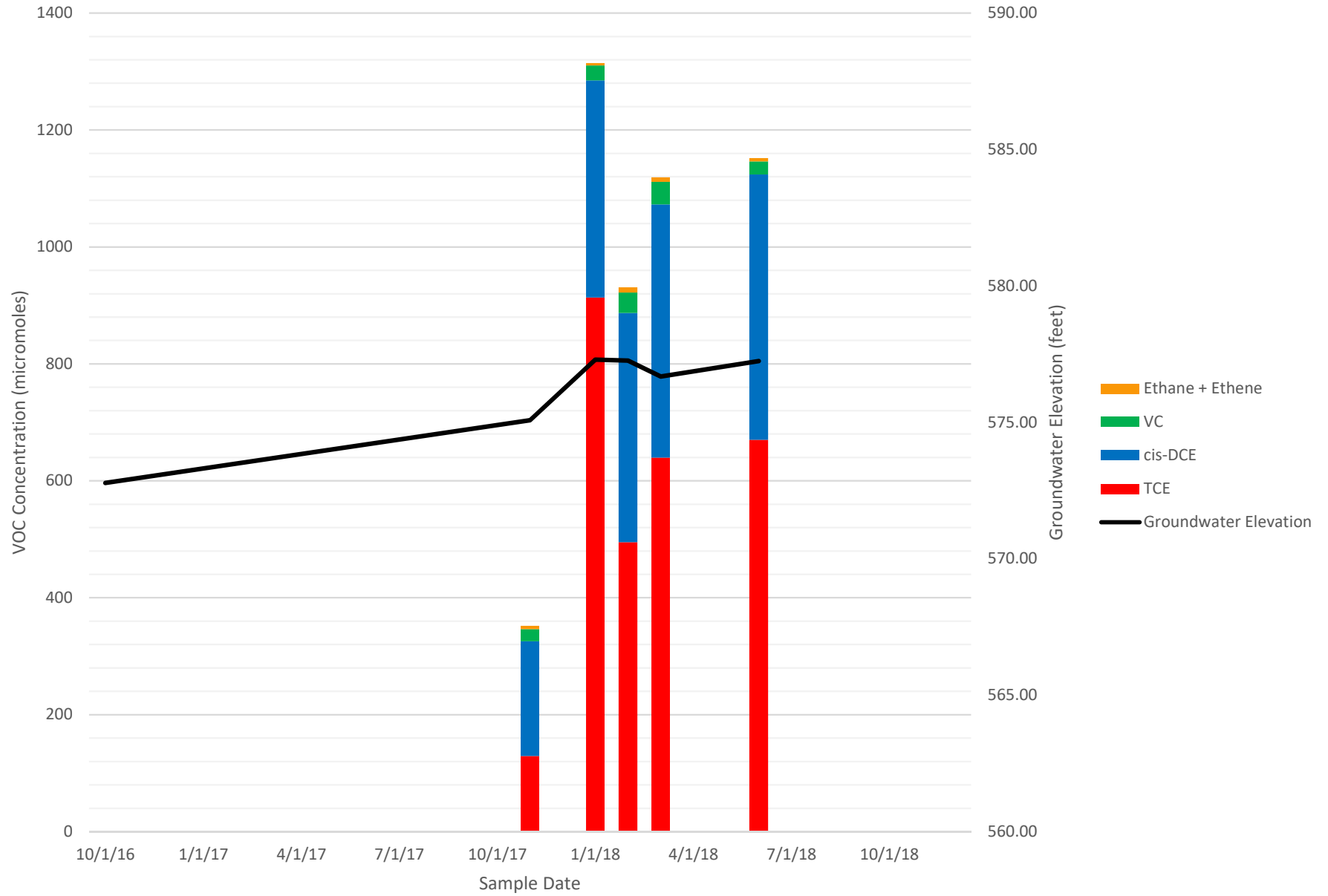
87-09(1)



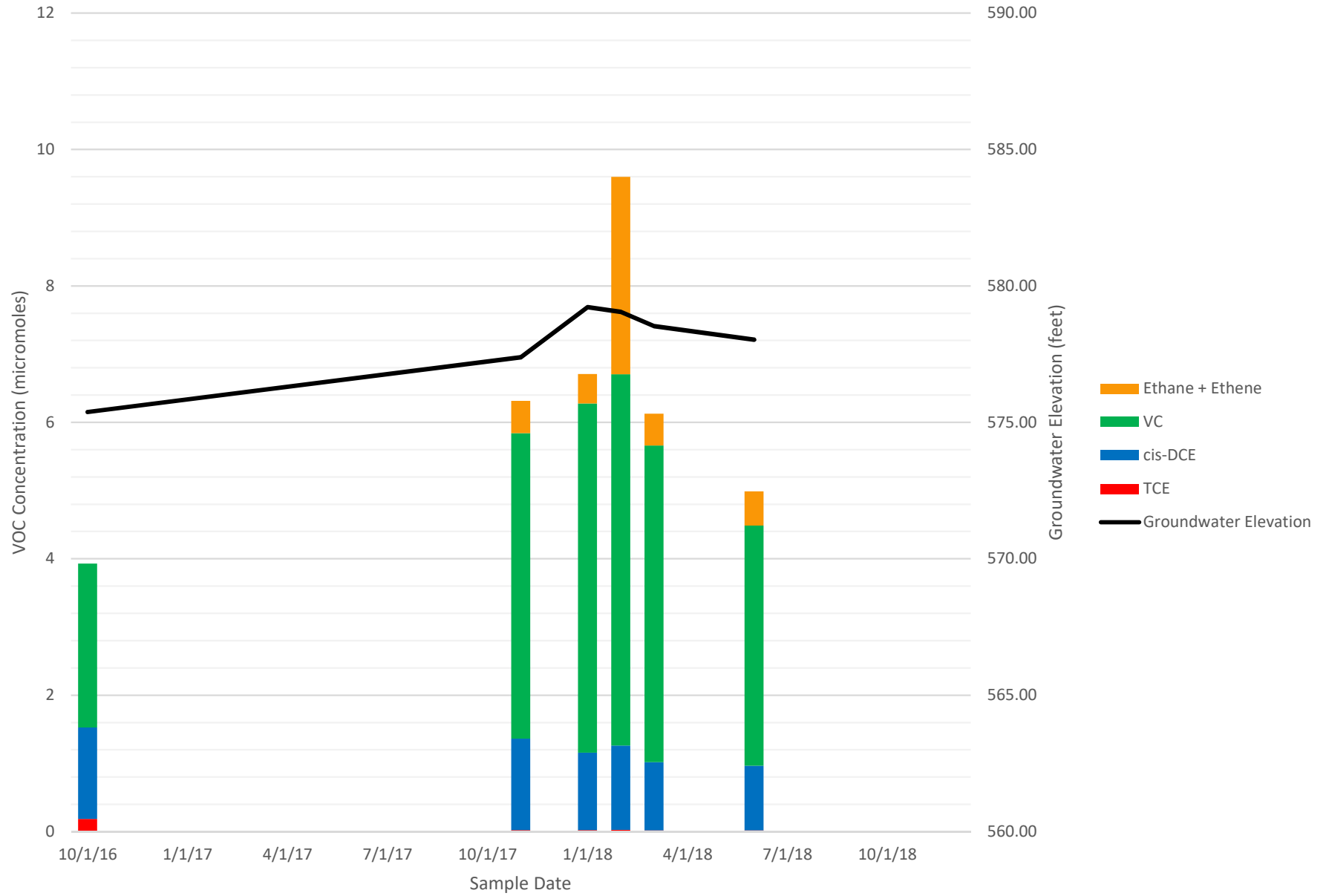
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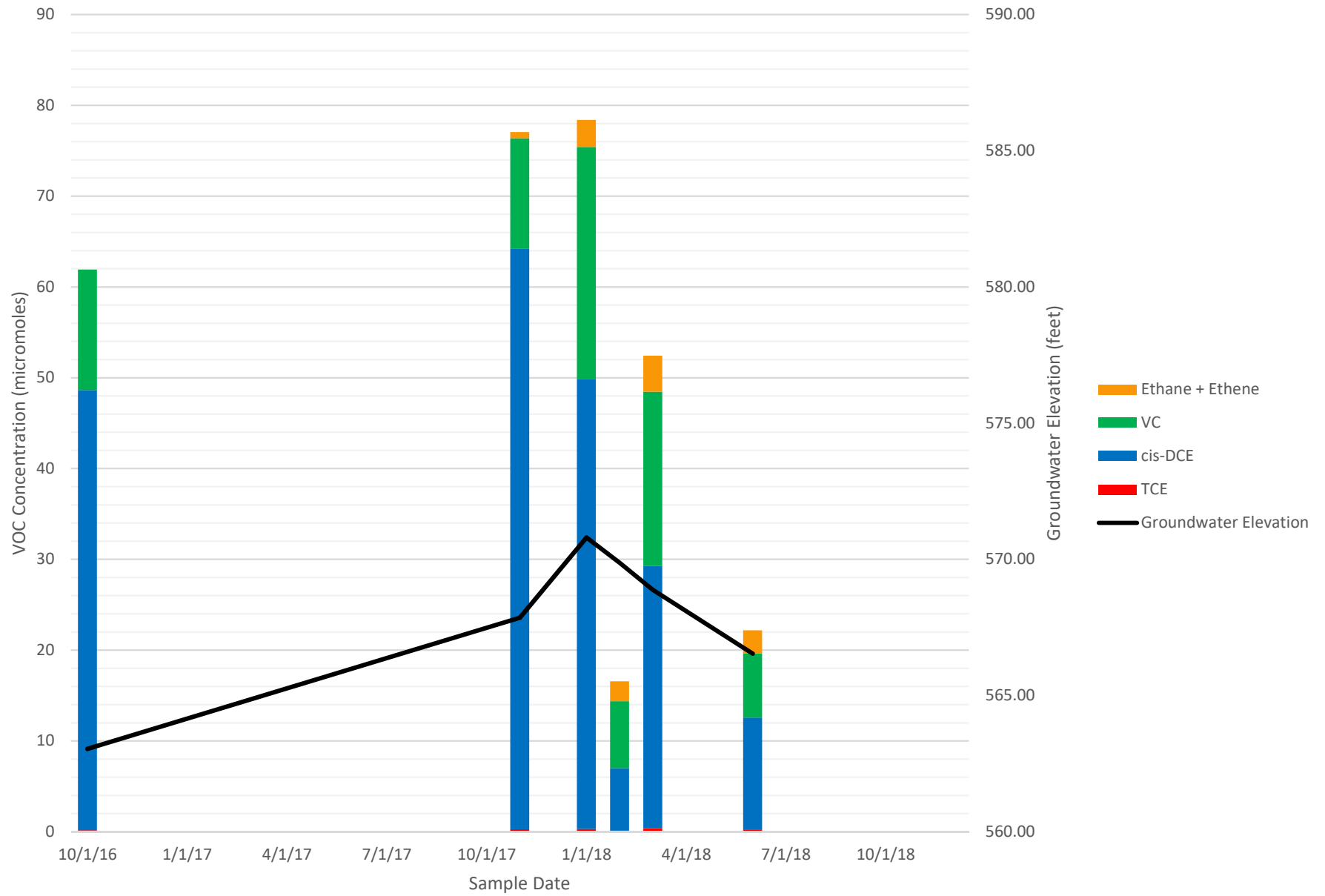
87-13(1)



87-17(1)



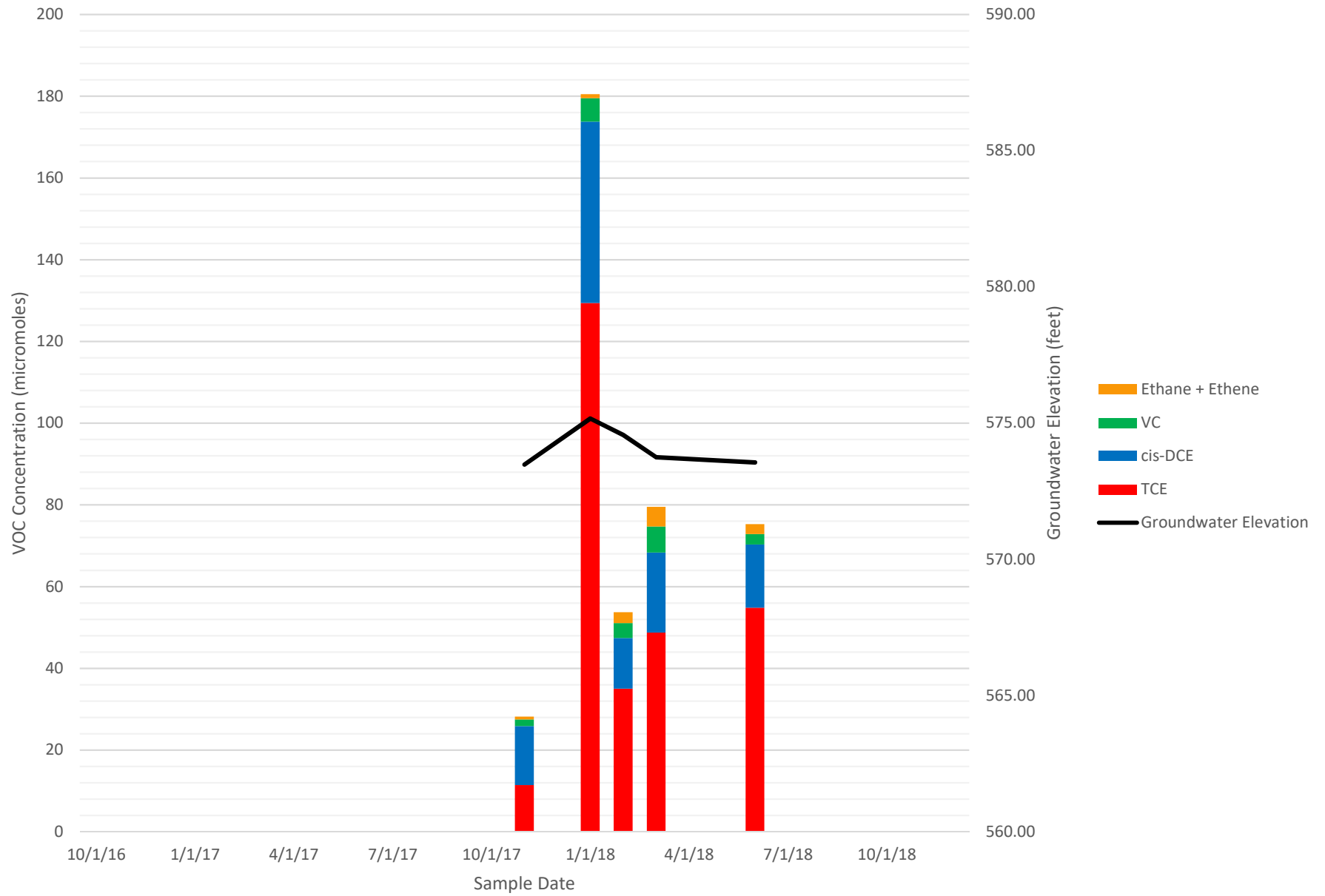
87-20(1)



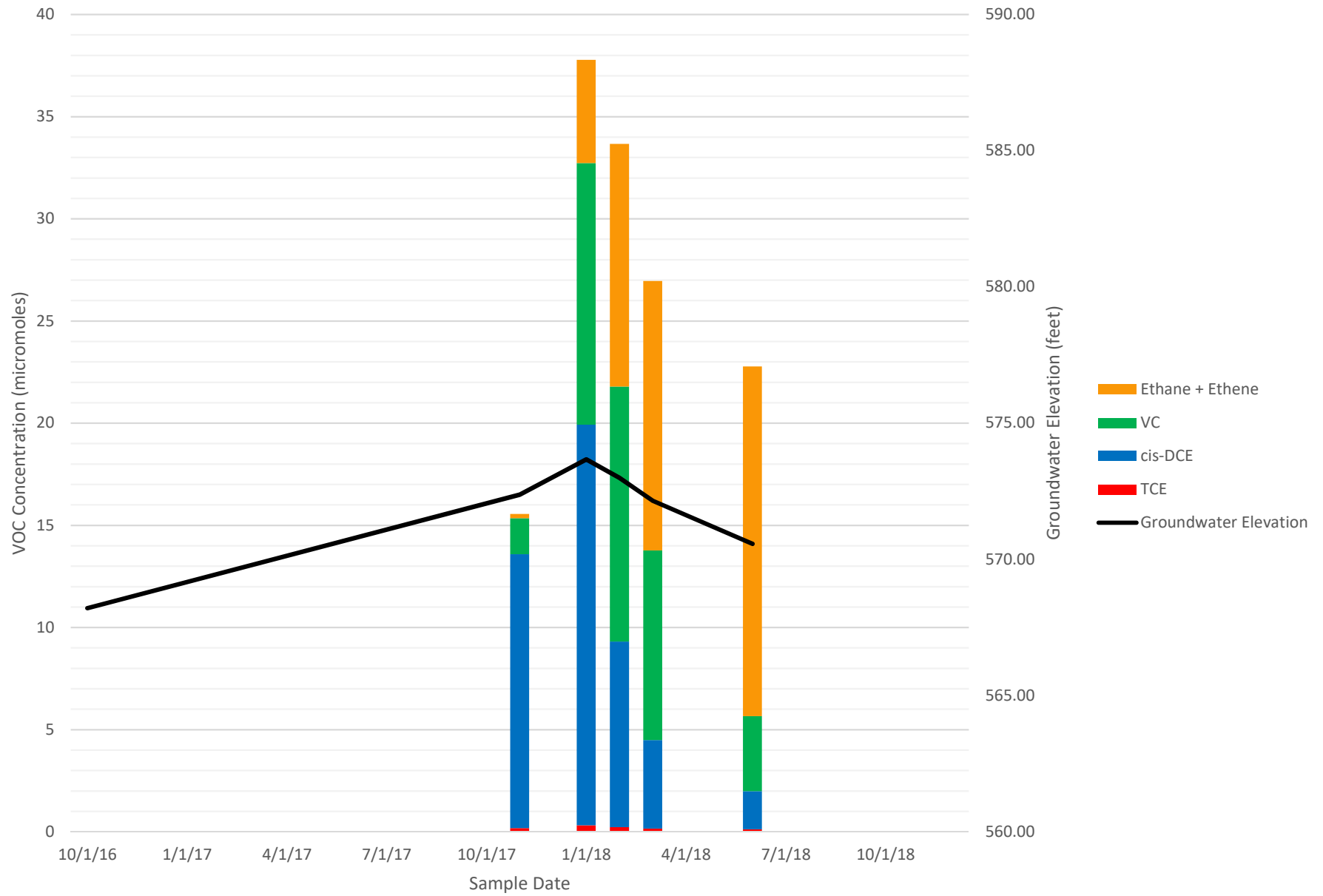
87-22(1)



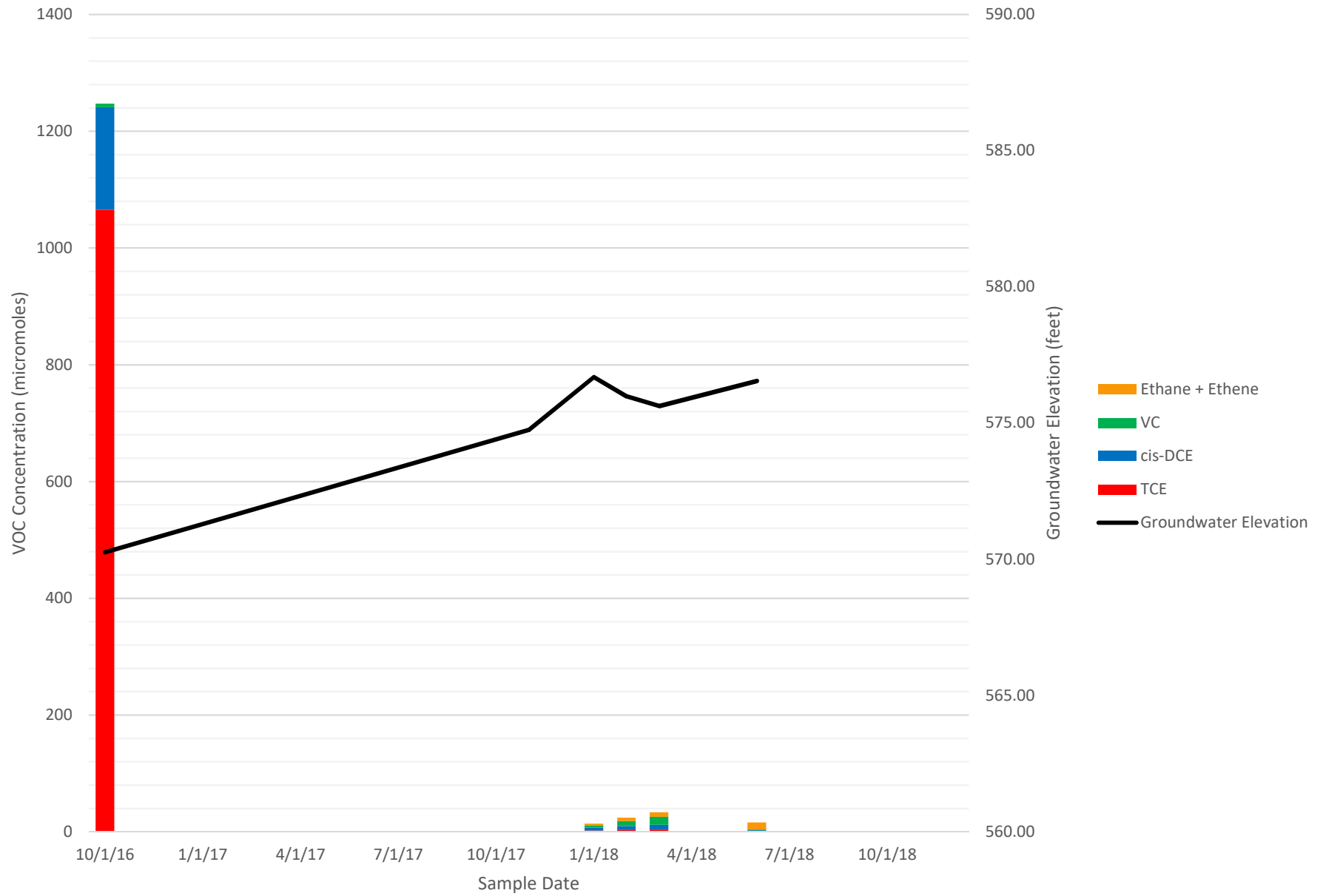
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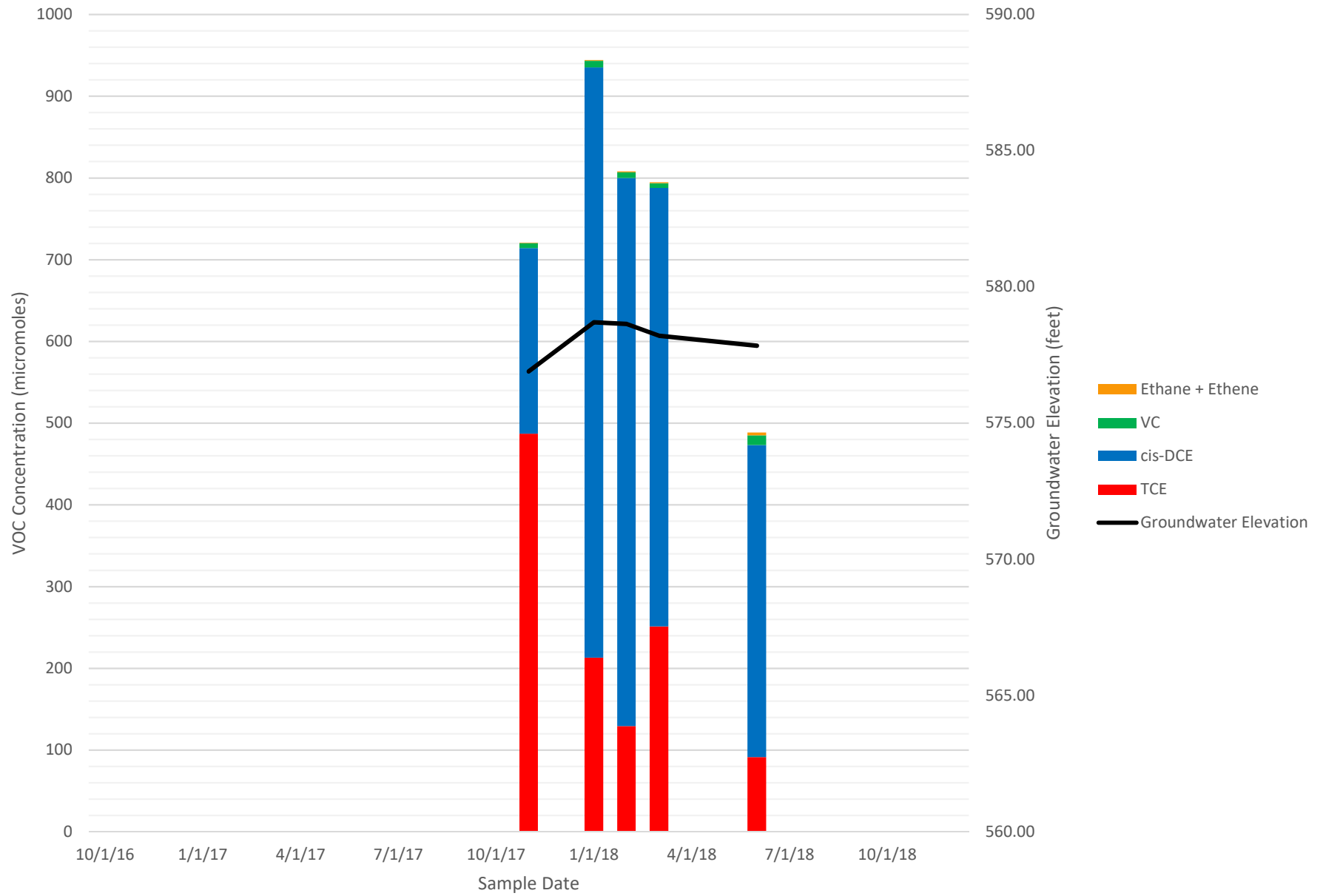
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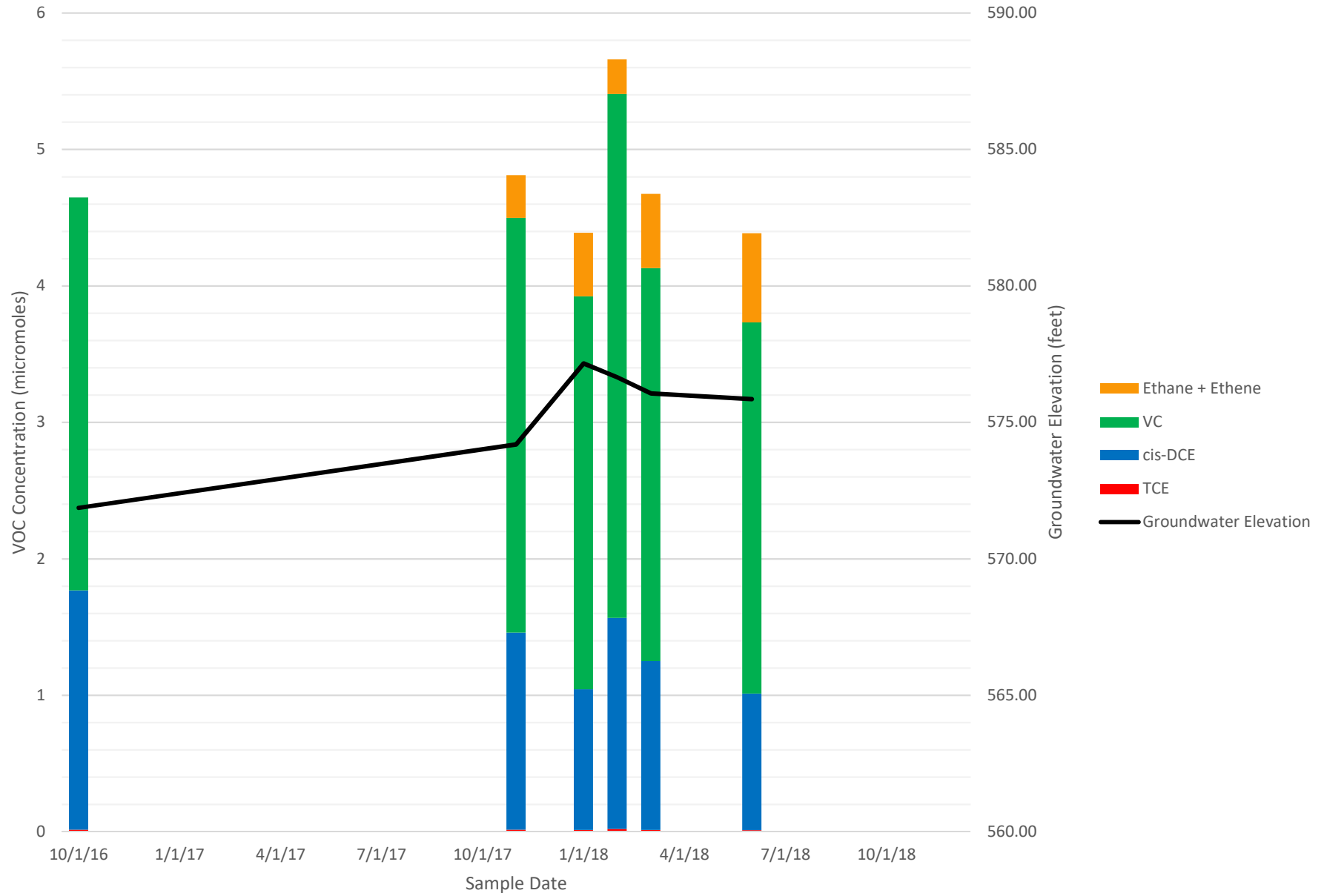
89-15(1)



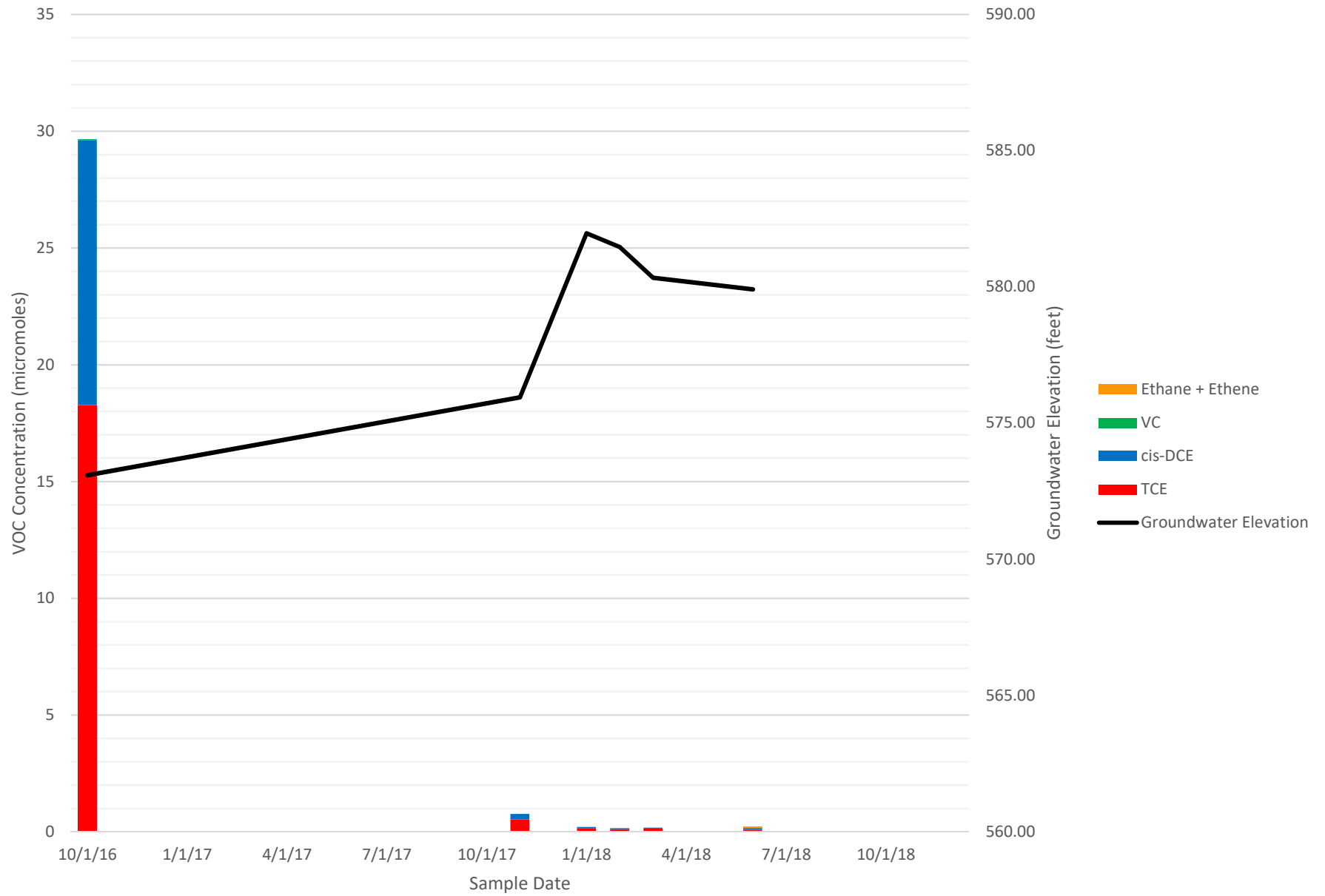
B-10A(1)



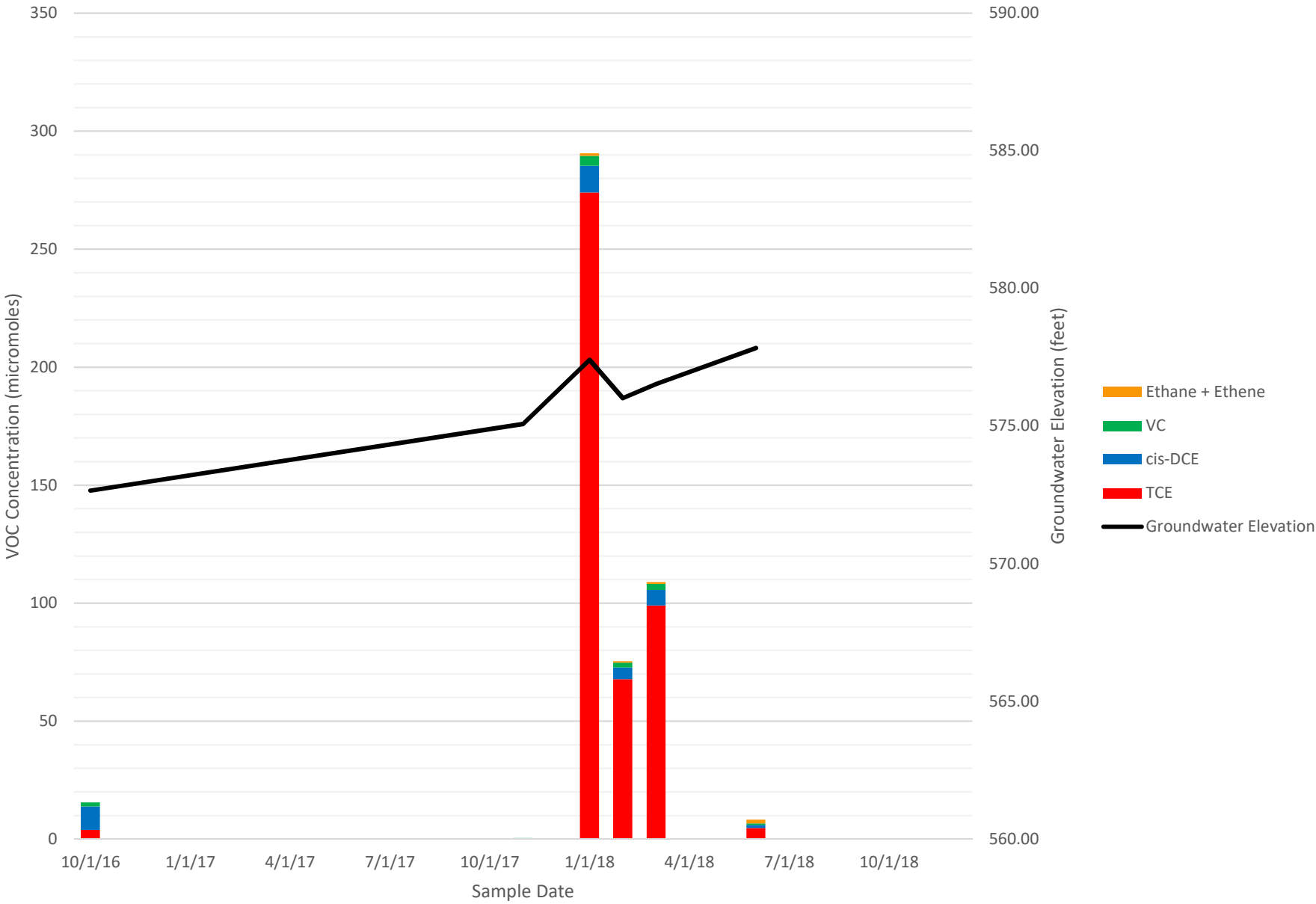
B-14(1)



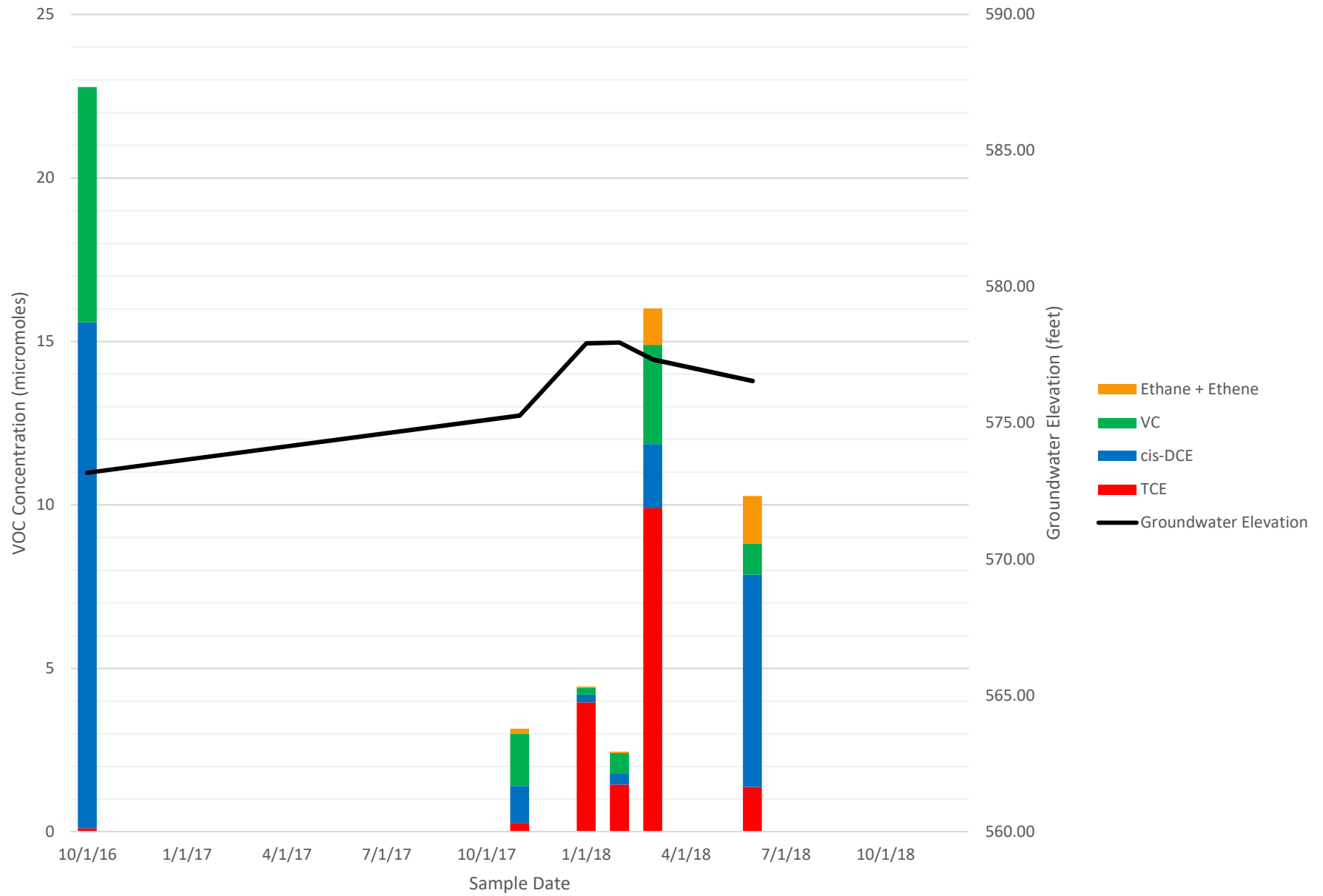
DW-9



DW-10



DW-11



DW-12

