

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
Pittsburgh, PA	5/15/17	--	E. Schlegel	C. Byers	--	156045-B10

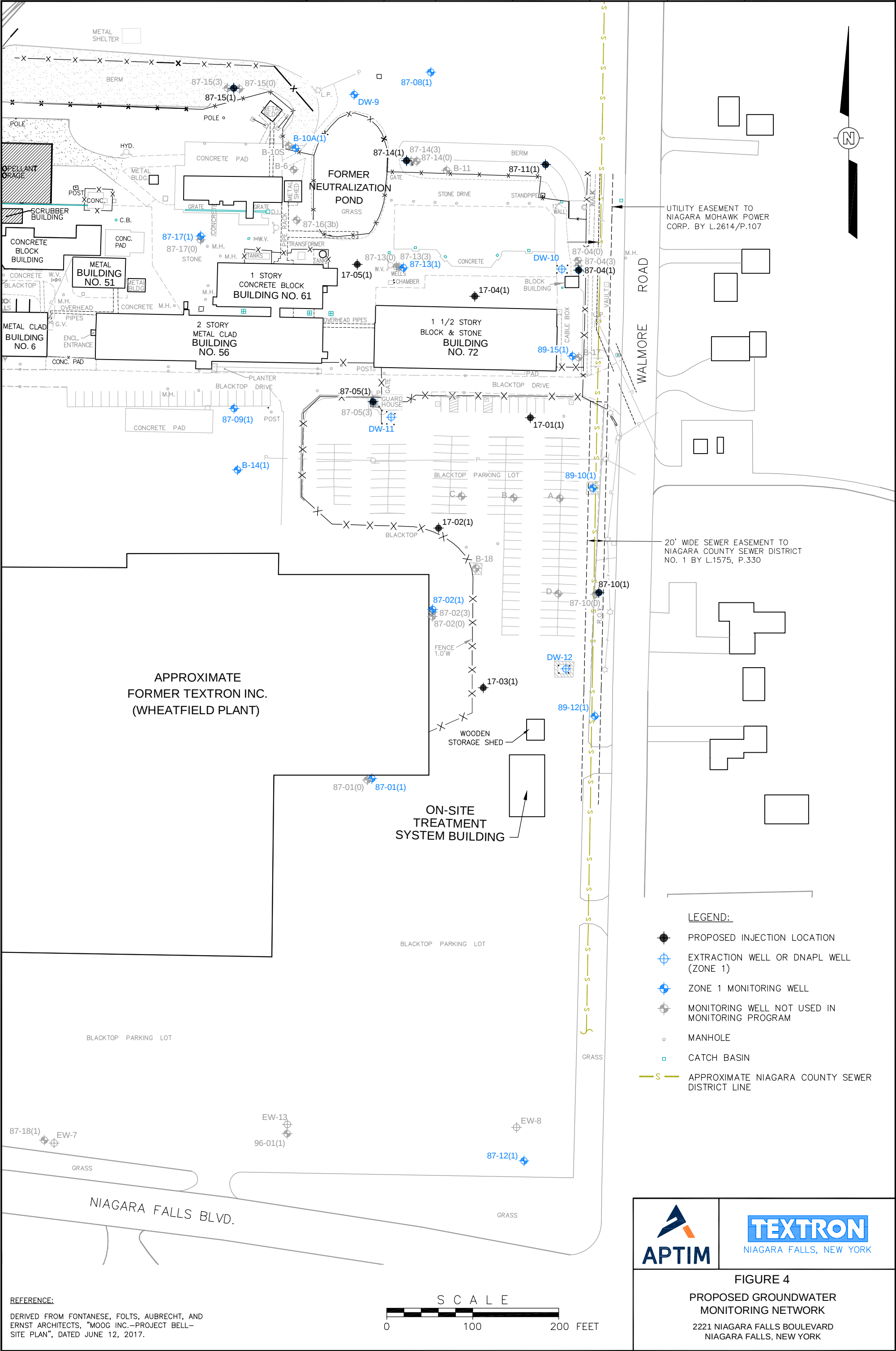


Table 1
Summary of Groundwater Elevation Data
Bioremediation Program
Former Bell Aerospace Textron, Inc.
Wheatfield, New York

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		587.99		589.21		589.48		588.13		583.84		590.06
June-18		587.99		589.21		589.48		588.13		583.84		590.06
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.
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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		589.62		579.01		583.97		587.17		586.62		588.76
June-18		589.62		579.01		583.97		587.17		586.62		588.76
September-18		589.62		579.01		583.97		587.17		586.62		588.76
December-18		587.99		589.21		589.48		588.13		583.84		590.06

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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	579.03	12.38	566.63	2.00	581.97	6.54	580.63	5.12	581.50	3.13	585.63
February-18	10.65	578.97	12.89	566.12	2.50	581.47	7.93	579.24	5.09	581.53	3.93	584.83
March-18		589.62		579.01		583.97		587.17		586.62		588.76
June-18		589.62		579.01		583.97		587.17		586.62		588.76
September-18		589.62		579.01		583.97		587.17		586.62		588.76
December-18		587.99		589.21		589.48		588.13		583.84		590.06

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				
87-01(1)	Temperature (°C)	14.63	13.54	13.50				
	Conductivity (mS/cm)	2.39	2.232	3.101				
	Dissolved Oxygen (mg/L)	2.56	2.01	0.77				
	pH (standard units)	7.26	6.7	7.34				
	Oxidation-Reduction Potential (mV)	-101	-216.9	-166.4				
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018	2/27/2018				
87-02(1)	Temperature (°C)	14.68	11.00	12.44				
	Conductivity (mS/cm)	1.772	2.471	2.72				
	Dissolved Oxygen (mg/L)	2.78	3.11	0.89				
	pH (standard units)	7.31	6.62	6.96				
	Oxidation-Reduction Potential (mV)	-21.0	-51	-40.9				
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
87-08(1)	Temperature (°C)	11.8	8.66	9.43				
	Conductivity (mS/cm)	1.350	0.965	0.974				
	Dissolved Oxygen (mg/L)	0.61	3.41	1.88				
	pH (standard units)	7.46	7.20	8.18				
	Oxidation-Reduction Potential (mV)	-51.8	-105.9	-119.7				
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018				
87-09(1)	Temperature (°C)	14.05	11.37	11.53				
	Conductivity (mS/cm)	2.422	2.091	2.167				
	Dissolved Oxygen (mg/L)	2.75	3.10	2.94				
	pH (standard units)	7.20	7.30	8.07				
	Oxidation-Reduction Potential (mV)	-91.0	-174.5	-16.3				
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018				
87-12(1)	Temperature (°C)	14.90	11.66	11.18				
	Conductivity (mS/cm)	2.459	2.360	2.16				
	Dissolved Oxygen (mg/L)	1.59	1.43	0.14				
	pH (standard units)	6.85	7.13	7.96				
	Oxidation-Reduction Potential (mV)	-71.3	-292.2	-89.0				

Table 2
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Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
87-13(1)	Temperature (°C)	13.90	10.78	11.37				
	Conductivity (mS/cm)	1.321	2.725	3.202				
	Dissolved Oxygen (mg/L)	0.79	0.54	0.62				
	pH (standard units)	7.21	6.65	7.87				
	Oxidation-Reduction Potential (mV)	-62.0	-245.8	-213.5				
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
87-17(1)	Temperature (°C)	13.56	10.35	11.39				
	Conductivity (mS/cm)	2.568	2.184	2.294				
	Dissolved Oxygen (mg/L)	4.02	2.48	2.22				
	pH (standard units)	7.26	7.12	8.5				
	Oxidation-Reduction Potential (mV)	-91.0	-140.0	-99.1				
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018				
87-20(1)	Temperature (°C)	13.95	11.68	10.83				
	Conductivity (mS/cm)	1.953	2.285	2.547				
	Dissolved Oxygen (mg/L)	0.47	2.79	1.29				
	pH (standard units)	7.31	7.07	7.96				
	Oxidation-Reduction Potential (mV)	-39.0	-258.1	-77.6				
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018	2/27/2018				
87-22(1)	Temperature (°C)	11.33	9.74	9.54				
	Conductivity (mS/cm)	2.414	2.365	2.195				
	Dissolved Oxygen (mg/L)	4.12	3.59	3.50				
	pH (standard units)	7.08	7.11	7.81				
	Oxidation-Reduction Potential (mV)	-81.0	-172.1	-22.1				
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018				
89-10(1)	Temperature (°C)	14.23	11.48	12.11				
	Conductivity (mS/cm)	1.964	3.017	4.245				
	Dissolved Oxygen (mg/L)	1.93	1.17	NM				
	pH (standard units)	7.29	6.85	7.82				
	Oxidation-Reduction Potential (mV)	-73.2	-293.4	-116.7				

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Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018				
89-12(1)	Temperature (°C)	13.61	11.52	11.43				
	Conductivity (mS/cm)	1.773	2.732	3.156				
	Dissolved Oxygen (mg/L)	2.71	2.01	0.48				
	pH (standard units)	7.37	7.20	7.95				
	Oxidation-Reduction Potential (mV)	-35.3	-291.7	-98.6				
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
89-15(1)	Temperature (°C)	14.24	10.46	10.68				
	Conductivity (mS/cm)	1.545	1.211	1.316				
	Dissolved Oxygen (mg/L)	1.74	0.68	2.73				
	pH (standard units)	7.39	6.74	8.06				
	Oxidation-Reduction Potential (mV)	-20.3	-153.8	-130.4				
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
B-10A(1)	Temperature (°C)	10.94	7.10	10.16				
	Conductivity (mS/cm)	0.739	1.182	1.328				
	Dissolved Oxygen (mg/L)	6.59	3.32	5.41				
	pH (standard units)	8.55	7.64	8.64				
	Oxidation-Reduction Potential (mV)	-113.8	-96.2	-8.9				
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018				
B-14(1)	Temperature (°C)	12.42	9.67	10.58				
	Conductivity (mS/cm)	2.422	2.101	2.181				
	Dissolved Oxygen (mg/L)	3.40	3.85	3.98				
	pH (standard units)	7.26	7.27	8.23				
	Oxidation-Reduction Potential (mV)	-92.9	-176.1	-17.1				
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
DW-9	Temperature (°C)	NM	2.83	4.16				
	Conductivity (mS/cm)	NM	0.531	0.505				
	Dissolved Oxygen (mg/L)	NM	0.54	8.93				
	pH (standard units)	NM	7.58	8.28				
	Oxidation-Reduction Potential (mV)	NM	40.3	-22.4				

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Summary of Groundwater Field Monitoring Data
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Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018	2/28/2018				
DW-10	Temperature (°C)	13.65	8.53	8.76				
	Conductivity (mS/cm)	0.420	0.593	0.565				
	Dissolved Oxygen (mg/L)	8.76	1.30	5.26				
	pH (standard units)	8.39	7.32	8.21				
	Oxidation-Reduction Potential (mV)	34.2	-17.0	-22.7				
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018	2/27/2018				
DW-11	Temperature (°C)	15.42	6.30	8.88				
	Conductivity (mS/cm)	2.219	1.089	3.369				
	Dissolved Oxygen (mg/L)	NM	3.45	2.19				
	pH (standard units)	8.04	7.78	8.13				
	Oxidation-Reduction Potential (mV)	NM	-185.7	-13.4				
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018	2/27/2018				
DW-12	Temperature (°C)	15.64	4.58	6.72				
	Conductivity (mS/cm)	0.697	3.443	3.348				
	Dissolved Oxygen (mg/L)	NM	8.95	8.34				
	pH (standard units)	8.05	7.50	8.70				
	Oxidation-Reduction Potential (mV)	NM	-12.6	14.6				

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)	87-01(1)							
Volatile Organic Compounds (µg/L)	10/19/16	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	5.0 U	5.0 U	10 U	2.0 U				
Vinyl chloride	96	330	320	210				
Chloroethane	5.0 U	5.0 U	10 U	2.0 U				
Bromomethane	5.0 U	5.0 U	10 U	2.0 U				
1,1-Dichloroethene	5.0 U	7.0	10 U	2.0 U				
Acetone	7.5	6.5 J	10 U	16				
Carbon disulfide	5.0 U	5.0 U	10 U	140				
Methylene chloride	5.0 U	16	16	96				
trans-1,2-Dichloroethene	6.3	6.4	5.2 J	4.8				
1,1-Dichloroethane	8.4	21	15	14				
cis-1,2-Dichloroethene	640	1,600 D	1,200	290				
2-Butanone	25 U	25 U	50 U	6.8 J				
Chloroform	2.1	5.0 U	10 U	0.52 J				
1,1,1-Trichloroethane	13	72	22	10				
Carbon tetrachloride	5.0 U	5.0 U	10 U	2.0 U				
Benzene	5.0 U	5.0 U	10 U	2.0 U				
1,2-Dichloroethane	5.0 U	5.0 U	10 U	2.0 U				
Trichloroethene	120	54	23	9.3				
1,2-Dichloropropane	5.0 U	5.0 U	10 U	2.0 U				
Bromodichloromethane	5.0 U	5.0 U	10 U	2.0 U				
cis-1,3-Dichloropropene	5.0 U	5.0 U	10 U	2.0 U				
4-Methyl-2-pentanone	25 U	25 U	50 U	10 U				
Toluene	5.0 U	5.0 U	10 U	2.0 U				
trans-1,3-Dichloropropene	5.0 U	5.0 U	10 U	2.0 U				
1,1,2-Trichloroethane	5.0 U	5.0 U	10 U	2.0 U				
Tetrachloroethene	5.0 U	5.0 U	10 U	2.0 U				
2-Hexanone	25 U	25 U	50 U	10 U				
Dibromochloromethane	5.0 U	5.0 U	10 U	2.0 U				
Chlorobenzene	5.0 U	5.0 U	10 U	2.0 U				
Ethylbenzene	5.0 U	5.0 U	10 U	2.0 U				
m/p-Xylenes	10 U	10 U	20 U	4.0 U				
o-Xylene	5.0 U	5.0 U	10 U	2.0 U				
Styrene	5.0 U	5.0 U	10 U	2.0 U				
Bromoform	5.0 U	5.0 U	10 U	2.0 U				
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	10 U	2.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.51	0.40	0.14				
Chloride (mg/L)		142	406	780				
Total organic carbon (mg/L)		3.2	111	65.7				
Sulfate (mg/L)		875	205	18.8				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		84	27	1.9				
Ethane (µg/L)		1.8	1.1	1.0 U				
Ethene (µg/L)		15	24	18				
Carbon dioxide (mg/L)		308	554	532				
Alkalinity, Total as CaCO3 (mg/L)		280	433	547				
Bicarbonate Alkalinity as CaCO3 (mg/L)		280	433	547				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	210	130				
Propionic acid		1.0 U	16	3.0				
Butyric acid		2.0 U	4.3	5.5				
Pyruvic acid		0.50 U	1.0 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	87-02(1)							
Volatile Organic Compounds (µg/L)	10/20/16	11/13/17	1/24/18	2/27/18	3/23/18	June	September	December
Chloromethane	50 U	5.0 U	25 U	10 U				
Vinyl chloride	330	160	210	530				
Chloroethane	50 U	5.0 U	25 U	10 U				
Bromomethane	50 U	5.0 U	25 U	10 U				
1,1-Dichloroethene	50 U	5.0 U	25 U	6.5 J				
Acetone	250 U	25 U	130 U	50 U				
Carbon disulfide	50 U	5.0 U	25 U	21				
Methylene chloride	220	3,000 D	800	220				
trans-1,2-Dichloroethene	50 U	6.0	10 J	8.2 J				
1,1-Dichloroethane	26 J	15	19 J	19				
cis-1,2-Dichloroethene	5,100	1,700 D	3,400	2,800 D				
2-Butanone	250 U	25 U	130 U	50 U				
Chloroform	50 U	4.2 J	25 U	10 U				
1,1,1-Trichloroethane	73	55	31	16				
Carbon tetrachloride	50 U	5.0 U	25 U	10 U				
Benzene	50 U	5.0 U	25 U	10 U				
1,2-Dichloroethane	50 U	5.0 U	25 U	10 U				
Trichloroethene	3,900	690	350	63				
1,2-Dichloropropane	50 U	5.0 U	25 U	10 U				
Bromodichloromethane	50 U	5.0 U	25 U	10 U				
cis-1,3-Dichloropropene	50 U	5.0 U	25 U	10 U				
4-Methyl-2-pentanone	250 U	25 U	130 U	50 U				
Toluene	50 U	5.0 U	25 U	10 U				
trans-1,3-Dichloropropene	50 U	5.0 U	25 U	10 U				
1,1,2-Trichloroethane	50 U	5.0 U	25 U	10 U				
Tetrachloroethene	50 U	5.0 U	25 U	10 U				
2-Hexanone	250 U	25 U	130 U	50 U				
Dibromochloromethane	50 U	5.0 U	25 U	10 U				
Chlorobenzene	50 U	5.0 U	25 U	10 U				
Ethylbenzene	50 U	5.0 U	25 U	10 U				
m/p-Xylenes	100 U	10 U	50 U	20 U				
o-Xylene	50 U	5.0 U	25 U	10 U				
Styrene	50 U	5.0 U	25 U	10 U				
Bromoform	50 U	5.0 U	25 U	10 U				
1,1,1,2,2-Tetrachloroethane	50 U	5.0 U	25 U	10 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	54.6	23.1				
Chloride (mg/L)		177	477	619				
Total organic carbon (mg/L)		2.9	241	143				
Sulfate (mg/L)		394	63.1	31.9				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		65	63	60				
Ethane (µg/L)		1.0 U	1.8	1.2				
Ethene (µg/L)		9.8	20	150				
Carbon dioxide (mg/L)		298	764	648				
Alkalinity, Total as CaCO3 (mg/L)		290	562	589				
Bicarbonate Alkalinity as CaCO3 (mg/L)		290	562	589				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	350	250				
Propionic acid		1.0 U	71	32				
Butyric acid		2.0 U	43	28				
Pyruvic acid		0.50 U	1.3 U	1.0 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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New York

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Volatile Organic Compounds (µg/L)	10/20/16	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	1.0 U	2.5 U	5.0 U	10 U				
Vinyl chloride	72	190	500	1,200				
Chloroethane	1.0 U	2.5 U	5.0 U	10 U				
Bromomethane	1.0 U	2.5 U	5.0 U	10 U				
1,1-Dichloroethene	1.9	4.2	4.2 J	8.4 J				
Acetone	5.0 U	4.5 J	9.3 J	50 U				
Carbon disulfide	0.23	2.5 U	12	12				
Methylene chloride	1.0 U	2.5 U	14	190				
trans-1,2-Dichloroethene	1.6	3.4	3.9 J	9.0 J				
1,1-Dichloroethane	1.7	4.7	6.4	15				
cis-1,2-Dichloroethene	300 D	720 D	780	1,500				
2-Butanone	5.0 U	13 U	25 U	50 U				
Chloroform	1.0 U	2.5 U	5.0 U	10 U				
1,1,1-Trichloroethane	0.77 J	2.6	3.5 J	6.1 J				
Carbon tetrachloride	1.0 U	2.5 U	5.0 U	10 U				
Benzene	1.0 U	2.5 U	5.0 U	10 U				
1,2-Dichloroethane	1.0 U	2.5 U	5.0 U	10 U				
Trichloroethene	3.5	7.0	39	37				
1,2-Dichloropropane	1.0 U	2.5 U	5.0 U	10 U				
Bromodichloromethane	1.0 U	2.5 U	5.0 U	10 U				
cis-1,3-Dichloropropene	1.0 U	2.5 U	5.0 U	10 U				
4-Methyl-2-pentanone	5.0 U	13 U	25 U	50 U				
Toluene	1.0 U	2.5 U	5.0 U	10 U				
trans-1,3-Dichloropropene	1.0 U	2.5 U	5.0 U	10 U				
1,1,2-Trichloroethane	1.0 U	2.5 U	5.0 U	10 U				
Tetrachloroethene	1.0 U	2.5 U	5.0 U	10 U				
2-Hexanone	5.0 U	13 U	25 U	50 U				
Dibromochloromethane	1.0 U	2.5 U	5.0 U	10 U				
Chlorobenzene	1.0 U	2.5 U	5.0 U	10 U				
Ethylbenzene	1.0 U	2.5 U	5.0 U	10 U				
m/p-Xylenes	2.0 U	5.0 U	10 U	20 U				
o-Xylene	1.0 U	2.5 U	5.0 U	10 U				
Styrene	1.0 U	2.5 U	5.0 U	10 U				
Bromoform	1.0 U	2.5 U	5.0 U	10 U				
1,1,1,2-Tetrachloroethane	1.0 U	2.5 U	5.0 U	10 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.26	0.10 U	0,16				
Chloride (mg/L)		23.2	13.5	16.1				
Total organic carbon (mg/L)		3.6	50.5	45.8				
Sulfate (mg/L)		348	122	96.1				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		23	15	15				
Ethane (µg/L)		1.0 U	1.0 U	4.0 U				
Ethene (µg/L)		20	69	130				
Carbon dioxide (mg/L)		389	433	426				
Alkalinity, Total as CaCO3 (mg/L)		389	431	476				
Bicarbonate Alkalinity as CaCO3 (mg/L)		389	431	476				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	96	94				
Propionic acid		1.0 U	7.0	1.0 U				
Butyric acid		2.0 U	1.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detection limit.
D = Compound analyzed at secondary dilution.
E = Compund exceeds the calibration range.

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

Constituents of Concern (Units)	87-09(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	2.0 U	2.0 U	1.0 U				
Vinyl chloride	210	200	190 D				
Chloroethane	2.0 U	2.0 U	1.0 U				
Bromomethane	2.0 U	2.0 U	1.0 U				
1,1-Dichloroethene	2.1	1.4 J	1.3				
Acetone	10 U	2.5 J	5.0 U				
Carbon disulfide	0.61 J	2.2	1.1 B				
Methylene chloride	2.0 U	2.0 U	1.0 U				
trans-1,2-Dichloroethene	2.1	1.6 J	1.7				
1,1-Dichloroethane	20	17	19				
cis-1,2-Dichloroethene	170	130	150				
2-Butanone	10 U	10 U	5.0 U				
Chloroform	2.0 U	2.0 U	1.0 U				
1,1,1-Trichloroethane	110	79	88				
Carbon tetrachloride	2.0 U	2.0 U	1.0 U				
Benzene	2.0 U	2.0 U	1.0 U				
1,2-Dichloroethane	2.0 U	2.0 U	1.0 U				
Trichloroethene	2.2	2.1	2.1				
1,2-Dichloropropane	2.0 U	2.0 U	1.0 U				
Bromodichloromethane	2.0 U	2.0 U	1.0 U				
cis-1,3-Dichloropropene	2.0 U	2.0 U	1.0 U				
4-Methyl-2-pentanone	10 U	10 U	5.0 U				
Toluene	2.0 U	2.0 U	1.0 U				
trans-1,3-Dichloropropene	2.0 U	2.0 U	1.0 U				
1,1,2-Trichloroethane	2.0 U	2.0 U	1.0 U				
Tetrachloroethene	2.0 U	2.0 U	1.0 U				
2-Hexanone	10 U	10 U	5.0 U				
Dibromochloromethane	2.0 U	2.0 U	1.0 U				
Chlorobenzene	2.0 U	2.0 U	1.0 U				
Ethylbenzene	2.0 U	2.0 U	1.0 U				
m/p-Xylenes	4.0 U	4.0 U	2.0 U				
o-Xylene	2.0 U	2.0 U	1.0 U				
Styrene	2.0 U	2.0 U	1.0 U				
Bromoform	2.0 U	2.0 U	1.0 U				
1,1,2,2-Tetrachloroethane	2.0 U	2.0 U	1.0 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U	0.10 U				
Chloride (mg/L)	134	116	133				
Total organic carbon (mg/L)	3.3	3.4	3.6				
Sulfate (mg/L)	972	991	988				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	84	64	65				
Ethane (µg/L)	1.4	1.6	1.6				
Ethene (µg/L)	10	11	11				
Carbon dioxide (mg/L)	307	281	267				
Alkalinity, Total as CaCO3 (mg/L)	307	287	298				
Bicarbonate Alkalinity as CaCO3 (mg/L)	307	287	298				
Carbonate Alkalinity as CaCO3 (mg/L)	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				
Acetic acid	1.0 U	1.0 U	1.0 U				
Propionic acid	1.0 U	1.0 U	1.0 U				
Butyric acid	2.0 U	2.0 U	2.0 U				
Pyruvic acid	0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
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J = Indicates an estimated value below detection limit.
D = Compound analyzed at secondary dilution.
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

Constituents of Concern (Units)	87-12(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/27/18	3/23/18	June	September	December
Chloromethane	5.2 J	10 U	10 U				
Vinyl chloride	2,300	1,400	1,200				
Chloroethane	20 U	10 U	10 U				
Bromomethane	6.2 J	10 U	10 U				
1,1-Dichloroethene	20 U	10 U	10 U				
Acetone	100 U	50 U	50 U				
Carbon disulfide	20 U	31	12				
Methylene chloride	20 U	84	10 U				
trans-1,2-Dichloroethene	12 J	7.3 J	5.7 J				
1,1-Dichloroethane	29	24	14				
cis-1,2-Dichloroethene	3,000	970	700				
2-Butanone	100 U	50 U	50 U				
Chloroform	20 U	10 U	10 U				
1,1,1-Trichloroethane	32	29	15				
Carbon tetrachloride	20 U	10 U	10 U				
Benzene	20 U	10 U	10 U				
1,2-Dichloroethane	20 U	10 U	10 U				
Trichloroethene	18 J	17	13				
1,2-Dichloropropane	20 U	10 U	10 U				
Bromodichloromethane	20 U	10 U	10 U				
cis-1,3-Dichloropropene	20 U	10 U	10 U				
4-Methyl-2-pentanone	100 U	50 U	50 U				
Toluene	20 U	10 U	10 U				
trans-1,3-Dichloropropene	20 U	10 U	10 U				
1,1,2-Trichloroethane	20 U	10 U	10 U				
Tetrachloroethene	20 U	10 U	10 U				
2-Hexanone	100 U	50 U	50 U				
Dibromochloromethane	20 U	10 U	10 U				
Chlorobenzene	20 U	10 U	10 U				
Ethylbenzene	20 U	10 U	10 U				
m/p-Xylenes	40 U	20 U	20 U				
o-Xylene	20 U	10 U	10 U				
Styrene	20 U	10 U	10 U				
Bromoform	20 U	10 U	10 U				
1,1,2,2-Tetrachloroethane	20 U	10 U	10 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U	0.10 U				
Chloride (mg/L)	154	329	429				
Total organic carbon (mg/L)	3.0	10.1	3.0				
Sulfate (mg/L)	954	550	312				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	54	47	21				
Ethane (µg/L)	4.2	3.6	1.0 U				
Ethene (µg/L)	42	310	160				
Carbon dioxide (mg/L)	276	479	192				
Alkalinity, Total as CaCO3 (mg/L)	260	466	212				
Bicarbonate Alkalinity as CaCO3 (mg/L)	260	466	212				
Carbonate Alkalinity as CaCO3 (mg/L)	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				
Acetic acid	1.0 U	13	1.0 U				
Propionic acid	1.0 U	1.0 U	1.0 U				
Butyric acid	2.0 U	2.0 U	2.0 U				
Pyruvic acid	0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

Constituents of Concern (Units)	87-13(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	46 J	200 U	1,000 U				
Vinyl chloride	1,300	1,600	2,200 D				
Chloroethane	200 U	200 U	1,000 U				
Bromomethane	200 U	200 U	1,000 U				
1,1-Dichloroethene	120 J	210	1,000 U				
Acetone	1,000 U	1,000 U	5,000 U				
Carbon disulfide	200 U	200 U	1,000 U				
Methylene chloride	3,500	17,000	87,000 D				
trans-1,2-Dichloroethene	200 U	200 U	1,000 U				
1,1-Dichloroethane	130 J	280	360 D,J				
cis-1,2-Dichloroethene	19,000	36,000	38,000 D				
2-Butanone	1,000 U	1,000 U	5,000 U				
Chloroform	200 U	200 U	1,000 U				
1,1,1-Trichloroethane	1,100	3,300	1,600 D				
Carbon tetrachloride	200 U	200 U	1,000 U				
Benzene	200 U	200 U	1,000 U				
1,2-Dichloroethane	200 U	200 U	1,000 U				
Trichloroethene	17000	120,000 D	65,000 D				
1,2-Dichloropropane	200 U	200 U	1,000 U				
Bromodichloromethane	200 U	200 U	1,000 U				
cis-1,3-Dichloropropene	200 U	200 U	1,000 U				
4-Methyl-2-pentanone	1,000 U	1,000 U	5,000 U				
Toluene	200 U	160 J	1,000 U				
trans-1,3-Dichloropropene	200 U	200 U	1,000 U				
1,1,2-Trichloroethane	200 U	200 U	1,000 U				
Tetrachloroethene	200 U	310	1,000 U				
2-Hexanone	1,000 U	1,000 U	5,000 U				
Dibromochloromethane	200 U	200 U	1,000 U				
Chlorobenzene	200 U	200 U	1,000 U				
Ethylbenzene	200 U	200 U	1,000 U				
m/p-Xylenes	400 U	400 U	2,000 U				
o-Xylene	200 U	200 U	1,000 U				
Styrene	200 U	200 U	1,000 U				
Bromoform	200 U	200 U	1,000 U				
1,1,2,2-Tetrachloroethane	200 U	200 U	1,000 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.24	3.1	0.10 U				
Chloride (mg/L)	233	287	321				
Total organic carbon (mg/L)	3.2	10.7	320				
Sulfate (mg/L)	785	451	612				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	520 D	130	7.5				
Ethane (µg/L)	3.9	6.3	140				
Ethene (µg/L)	150 D	110	130				
Carbon dioxide (mg/L)	351	1,220	853				
Alkalinity, Total as CaCO3 (mg/L)	340	922	941				
Bicarbonate Alkalinity as CaCO3 (mg/L)	340	922	941				
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U	2.0 U				
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	20	8.2				
Acetic acid	1.0 U	550	490				
Propionic acid	1.0 U	78	57				
Butyric acid	2.0 U	12	10 U				
Pyruvic acid	0.50 U	2.5 U	2.5 U				

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

Constituents of Concern (Units)	87-17(1)							
Volatile Organic Compounds (µg/L)	10/20/16	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	1.0 U	1.0 U	2.0 U	1.0 U				
Vinyl chloride	150	280 D	320	340 D				
Chloroethane	1.0 U	1.0 U	2.0 U	1.0 U				
Bromomethane	1.0 U	1.0 U	2.0 U	1.0 U				
1,1-Dichloroethene	0.91 J	1.5	1.4 J	1.3				
Acetone	1.4 J	1.8 J	10 U	5.0 U				
Carbon disulfide	1.5	1.4	1.4 J	1.2 B				
Methylene chloride	1.0 U	1.0 U	2.0 U	1.0 U				
trans-1,2-Dichloroethene	2.5	2.2	2.3	2.2				
1,1-Dichloroethane	21	26	23	25				
cis-1,2-Dichloroethene	130	130	110	120				
2-Butanone	5.0 U	5.0 U	10 U	5.0 U				
Chloroform	1.0 U	1.0 U	2.0 U	1.0 U				
1,1,1-Trichloroethane	89	110	100	100				
Carbon tetrachloride	1.0 U	1.0 U	2.0 U	1.0 U				
Benzene	1.0 U	1.0 U	2.0 U	1.0 U				
1,2-Dichloroethane	1.0 U	1.0 U	2.0 U	1.0 U				
Trichloroethene	18	2.7	2.7	3.2				
1,2-Dichloropropane	1.0 U	1.0 U	2.0 U	1.0 U				
Bromodichloromethane	1.0 U	1.0 U	2.0 U	1.0 U				
cis-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U	1.0 U				
4-Methyl-2-pentanone	5.0 U	5.0 U	10 U	5.0 U				
Toluene	1.0 U	1.0 U	2.0 U	1.0 U				
trans-1,3-Dichloropropene	1.0 U	1.0 U	2.0 U	1.0 U				
1,1,2-Trichloroethane	1.0 U	1.0 U	2.0 U	1.0 U				
Tetrachloroethene	1.0 U	1.0 U	2.0 U	1.0 U				
2-Hexanone	5.0 U	5.0 U	10 U	5.0 U				
Dibromochloromethane	1.0 U	1.0 U	2.0 U	1.0 U				
Chlorobenzene	1.0 U	1.0 U	2.0 U	1.0 U				
Ethylbenzene	1.0 U	1.0 U	2.0 U	1.0 U				
m/p-Xylenes	2.0 U	2.0 U	4.0 U	2.0 U				
o-Xylene	1.0 U	1.0 U	2.0 U	1.0 U				
Styrene	1.0 U	1.0 U	2.0 U	1.0 U				
Bromoform	1.0 U	1.0 U	2.0 U	1.0 U				
1,1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	2.0 U	1.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.12	0.13	0.17				
Chloride (mg/L)		128	124	157				
Total organic carbon (mg/L)		3.7	4.7	4.3				
Sulfate (mg/L)		1,010	1,030	1,060				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		100	66	1.5				
Ethane (µg/L)		1.3	1.2	12				
Ethene (µg/L)		12	11	70				
Carbon dioxide (mg/L)		305	300	258				
Alkalinity, Total as CaCO3 (mg/L)		304	291	292				
Bicarbonate Alkalinity as CaCO3 (mg/L)		304	291	292				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.0 U	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

Constituents of Concern (Units)	87-20(1)							
Volatile Organic Compounds (µg/L)	10/19/16	11/14/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	50 U	25 U	50 U	5.0 U				
Vinyl chloride	830	760	1,600	460				
Chloroethane	50 U	25 U	50 U	5.0 U				
Bromomethane	50 U	9.0 J	50 U	5.0 U				
1,1-Dichloroethene	50 U	25 U	50 U	5.0 U				
Acetone	250 U	130 U	250 U	25 U				
Carbon disulfide	50 U	25 U	50 U	6.5				
Methylene chloride	50 U	25 U	50 U	5.0 U				
trans-1,2-Dichloroethene	50 U	17 J	50 U	3.0 J				
1,1-Dichloroethane	18 J	13 J	16 J	4.7 J				
cis-1,2-Dichloroethene	4,700	6,200 D	4,800	670				
2-Butanone	250 U	130 U	250 U	25 U				
Chloroform	18 J	25 U	50 U	5.0 U				
1,1,1-Trichloroethane	22 J	26	21 J	4.7 J				
Carbon tetrachloride	50 U	25 U	50 U	5.0 U				
Benzene	50 U	25 U	50 U	5.0 U				
1,2-Dichloroethane	50 U	25 U	50 U	5.0 U				
Trichloroethene	19 J	34	39 J	13				
1,2-Dichloropropane	50 U	25 U	50 U	5.0 U				
Bromodichloromethane	50 U	25 U	50 U	5.0 U				
cis-1,3-Dichloropropene	50 U	25 U	50 U	5.0 U				
4-Methyl-2-pentanone	250 U	130 U	250 U	25 U				
Toluene	50 U	25 U	50 U	5.0 U				
trans-1,3-Dichloropropene	50 U	25 U	50 U	5.0 U				
1,1,2-Trichloroethane	50 U	25 U	50 U	5.0 U				
Tetrachloroethene	50 U	25 U	50 U	5.0 U				
2-Hexanone	250 U	130 U	250 U	25 U				
Dibromochloromethane	50 U	25 U	50 U	5.0 U				
Chlorobenzene	50 U	25 U	50 U	5.0 U				
Ethylbenzene	50 U	25 U	50 U	5.0 U				
m/p-Xylenes	100 U	50 U	100 U	10 U				
o-Xylene	50 U	25 U	50 U	5.0 U				
Styrene	50 U	25 U	50 U	5.0 U				
Bromoform	50 U	25 U	50 U	5.0 U				
1,1,2,2-Tetrachloroethane	50 U	25 U	50 U	5.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	0.14	0.17				
Chloride (mg/L)		108	217	630				
Total organic carbon (mg/L)		2.5	70.1	3.5				
Sulfate (mg/L)		735	779	338				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		32	48	7.0				
Ethane (µg/L)		2.2	2.4	1.0 U				
Ethene (µg/L)		17	81	61				
Carbon dioxide (mg/L)		201	394	197				
Alkalinity, Total as CaCO3 (mg/L)		221	375	218				
Bicarbonate Alkalinity as CaCO3 (mg/L)		221	375	218				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	140	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

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

Constituents of Concern (Units)	87-22(1)							
Volatile Organic Compounds (µg/L)	10/19/16	11/14/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	5.0 U	5.0 U	25 U	5.0 U				
Vinyl chloride	430	430	1,100 D	780				
Chloroethane	5.0 U	5.0 U	25 U	5.0 U				
Bromomethane	5.0 U	5.0 U	25 U	5.0 U				
1,1-Dichloroethene	4.9 J	5.0 U	25 U	4.7 J				
Acetone	6.4 J	25 U	130 U	25 U				
Carbon disulfide	5.0 U	5.0 U	25 U	1.6 B,J				
Methylene chloride	5.0 U	5.0 U	25 U	5.0 U				
trans-1,2-Dichloroethene	7.3	4.3 J	12 D,J	7.4				
1,1-Dichloroethane	5.4J+	4.6 J	9.3 D,J	7.2				
cis-1,2-Dichloroethene	1,200 D	820	2,700 D	1,800 D				
2-Butanone	25 U	25 U	130 U	25 U				
Chloroform	1.3 J	5.0 U	25 U	5.0 U				
1,1,1-Trichloroethane	5.0 U	5.0 U	25 U	2.2 J				
Carbon tetrachloride	5.0 U	5.0 U	25 U	5.0 U				
Benzene	5.0 U	5.0 U	25 U	5.0 U				
1,2-Dichloroethane	5.0 U	5.0 U	25 U	5.0 U				
Trichloroethene	5.0 J	2.6 J	70 D	5.6				
1,2-Dichloropropane	5.0 U	5.0 U	25 U	5.0 U				
Bromodichloromethane	5.0 U	5.0 U	25 U	5.0 U				
cis-1,3-Dichloropropene	5.0 U	5.0 U	25 U	5.0 U				
4-Methyl-2-pentanone	25 U	25 U	130 U	25 U				
Toluene	5.0 U	5.0 U	25 U	5.0 U				
trans-1,3-Dichloropropene	5.0 U	5.0 U	25 U	5.0 U				
1,1,2-Trichloroethane	5.0 U	5.0 U	25 U	5.0 U				
Tetrachloroethene	5.0 U	5.0 U	25 U	5.0 U				
2-Hexanone	25 U	25 U	130 U	25 U				
Dibromochloromethane	5.0 U	5.0 U	25 U	5.0 U				
Chlorobenzene	5.0 U	5.0 U	25 U	5.0 U				
Ethylbenzene	5.0 U	5.0 U	25 U	5.0 U				
m/p-Xylenes	10 U	10 U	50 U	10 U				
o-Xylene	5.0 U	5.0 U	25 U	5.0 U				
Styrene	5.0 U	5.0 U	25 U	5.0 U				
Bromoform	5.0 U	5.0 U	25 U	5.0 U				
1,1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	25 U	5.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	0.10 U	0.10 U				
Chloride (mg/L)		97.5	119	92.4				
Total organic carbon (mg/L)		4.9	4.9	4.0				
Sulfate (mg/L)		940	1,230	1,050				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		79	190	110				
Ethane (µg/L)		2.4	5.7	3.9				
Ethene (µg/L)		19	190	42				
Carbon dioxide (mg/L)		482	391	371				
Alkalinity, Total as CaCO3 (mg/L)		428	378	407				
Bicarbonate Alkalinity as CaCO3 (mg/L)		428	378	407				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.0 U	1.1				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
Bold = Compound detected at concentration.
J = Indicates an estimated value below detection limit.
D = Compound analyzed at secondary dilution.
E = Compund exceeds the calibration range.

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

Constituents of Concern (Units)	89-10(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	5.0 U	10 U	50 U				
Vinyl chloride	100	360	230				
Chloroethane	5.0 U	10 U	50 U				
Bromomethane	5.0 U	10 U	50 U				
1,1-Dichloroethene	5.1	20	50 U				
Acetone	25 U	50 U	250 U				
Carbon disulfide	1.3 J	63	45 J				
Methylene chloride	660	3,700 D	1,600				
trans-1,2-Dichloroethene	3.5 J	12	50 U				
1,1-Dichloroethane	5.9	29	50 U				
cis-1,2-Dichloroethene	1,400 D	4,300 D	1,200				
2-Butanone	25 U	50 U	250 U				
Chloroform	2.5 J	10 U	50 U				
1,1,1-Trichloroethane	9.4	85	23 J				
Carbon tetrachloride	5.0 U	10 U	50 U				
Benzene	5.0 U	10 U	50 U				
1,2-Dichloroethane	5.0 U	10 U	50 U				
Trichloroethene	1,500 D	17,000 D	4,600				
1,2-Dichloropropane	5.0 U	10 U	50 U				
Bromodichloromethane	5.0 U	10 U	50 U				
cis-1,3-Dichloropropene	5.0 U	10 U	50 U				
4-Methyl-2-pentanone	25 U	50 U	250 U				
Toluene	5.0 U	8.4 J	50 U				
trans-1,3-Dichloropropene	5.0 U	10 U	50 U				
1,1,2-Trichloroethane	5.0 U	10 U	50 U				
Tetrachloroethene	5.0 U	10 U	50 U				
2-Hexanone	25 U	50 U	250 U				
Dibromochloromethane	5.0 U	10 U	50 U				
Chlorobenzene	5.0 U	10 U	50 U				
Ethylbenzene	5.0 U	10 U	50 U				
m/p-Xylenes	10 U	20 U	100 U				
o-Xylene	5.0 U	10 U	50 U				
Styrene	5.0 U	10 U	50 U				
Bromoform	5.0 U	10 U	50 U				
1,1,2,2-Tetrachloroethane	5.0 U	10 U	50 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.14	0.11	0.10 U				
Chloride (mg/L)	117	425	961				
Total organic carbon (mg/L)	3.1	100	48.8				
Sulfate (mg/L)	716	897	678				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	9.6	33	10				
Ethane (µg/L)	2.7	2.1	4.0				
Ethene (µg/L)	17	25	71				
Carbon dioxide (mg/L)	244	504	364				
Alkalinity, Total as CaCO3 (mg/L)	237	433	400				
Bicarbonate Alkalinity as CaCO3 (mg/L)	237	433	400				
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U	2.0 U				
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U	1.0				
Acetic acid	1.0 U	190	88				
Propionic acid	1.0 U	5.1	1.0 U				
Butyric acid	2.0 U	2.0 U	2.0 U				
Pyruvic acid	0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	89-12(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	5.0 U	10 U	5.0 U				
Vinyl chloride	110	800	780				
Chloroethane	5.0 U	10 U	5.0 U				
Bromomethane	5.0 U	10 U	5.0 U				
1,1-Dichloroethene	3.7 J	10 U	5.0 U				
Acetone	8.7 J	10 U	9.9 J				
Carbon disulfide	5.0 U	47	8.6				
Methylene chloride	5.0 U	10 U	5.0 U				
trans-1,2-Dichloroethene	6.0	5.1 J	3.9 J				
1,1-Dichloroethane	6.3	21	15				
cis-1,2-Dichloroethene	1,300 D	1,900	880				
2-Butanone	25 U	50 U	25 U				
Chloroform	3.0 J	10 U	5.0 U				
1,1,1-Trichloroethane	13	17	17				
Carbon tetrachloride	5.0 U	10 U	5.0 U				
Benzene	5.0 U	10 U	5.0 U				
1,2-Dichloroethane	5.0 U	10 U	5.0 U				
Trichloroethene	23	42	30				
1,2-Dichloropropane	5.0 U	10 U	5.0 U				
Bromodichloromethane	5.0 U	10 U	5.0 U				
cis-1,3-Dichloropropene	5.0 U	10 U	5.0 U				
4-Methyl-2-pentanone	25 U	50 U	25 U				
Toluene	5.0 U	10 U	5.0 U				
trans-1,3-Dichloropropene	5.0 U	10 U	5.0 U				
1,1,2-Trichloroethane	5.0 U	10 U	5.0 U				
Tetrachloroethene	5.0 U	10 U	5.0 U				
2-Hexanone	25 U	50 U	25 U				
Dibromochloromethane	5.0 U	10 U	5.0 U				
Chlorobenzene	5.0 U	10 U	5.0 U				
Ethylbenzene	5.0 U	10 U	5.0 U				
m/p-Xylenes	10 U	20 U	10 U				
o-Xylene	5.0 U	10 U	5.0 U				
Styrene	5.0 U	10 U	5.0 U				
Bromoform	5.0 U	10 U	5.0 U				
1,1,2,2-Tetrachloroethane	5.0 U	10 U	5.0 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.17	0.11				
Chloride (mg/L)	112	319	531				
Total organic carbon (mg/L)	3.4	35.6	4.7				
Sulfate (mg/L)	617	734	822				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	11	30	31				
Ethane (µg/L)	1.0 U	1.9	3.3				
Ethene (µg/L)	5.7	140	330				
Carbon dioxide (mg/L)	241	468	278				
Alkalinity, Total as CaCO3 (mg/L)	234	466	308				
Bicarbonate Alkalinity as CaCO3 (mg/L)	234	466	308				
Carbonate Alkalinity as CaCO3 (mg/L)	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				
Acetic acid	1.0 U	51	1.0 U				
Propionic acid	1.0 U	1.0 U	1.0 U				
Butyric acid	2.0 U	2.0 U	2.0 U				
Pyruvic acid	0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	89-15(1)							
Volatile Organic Compounds (µg/L)	10/20/16	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	250 U	0.26 J	1.0 U	50 U				
Vinyl chloride	390	20	270 D	550				
Chloroethane	250 U	1.0 U	1.0 U	50 U				
Bromomethane	250 U	1.0 U	1.0 U	50 U				
1,1-Dichloroethene	250 U	0.66 J	2.3	50 U				
Acetone	1300 U	5.0 U	5.0 U	250 U				
Carbon disulfide	110 J	0.26 J	5.5	49 J				
Methylene chloride	110,000 D	1.0 U	360 D	7,700				
trans-1,2-Dichloroethene	250 U	0.44 J	3.0	50 U				
1,1-Dichloroethane	250 U	3.9	3.7	50 U				
cis-1,2-Dichloroethene	17,000	62	460 D	640				
2-Butanone	1300 U	5.0 U	5.3	250 U				
Chloroform	410	1.0 U	1.2	50 U				
1,1,1-Trichloroethane	230 J	0.97 J	2.2	50 U				
Carbon tetrachloride	250 U	1.0 U	1.0 U	50 U				
Benzene	250 U	1.0 U	0.21 J	50 U				
1,2-Dichloroethane	250 U	1.0 U	1.0 U	50 U				
Trichloroethene	140,000 D	5.1	280 D	410				
1,2-Dichloropropane	250 U	1.0 U	1.0 U	50 U				
Bromodichloromethane	130 J	1.0 U	1.0 U	50 U				
cis-1,3-Dichloropropene	250 U	1.0 U	1.0 U	50 U				
4-Methyl-2-pentanone	1300 U	5.0 U	5.0 U	250 U				
Toluene	250 U	1.0 U	0.49 J	50 U				
trans-1,3-Dichloropropene	250 U	1.0 U	1.0 U	50 U				
1,1,2-Trichloroethane	250 U	1.0 U	1.0 U	50 U				
Tetrachloroethene	250 U	1.0 U	1.0 U	50 U				
2-Hexanone	1300 U	5.0 U	5.0 U	250 U				
Dibromochloromethane	250 U	1.0 U	1.0 U	50 U				
Chlorobenzene	250 U	1.0 U	1.0 U	50 U				
Ethylbenzene	250 U	1.0 U	1.0 U	50 U				
m/p-Xylenes	500 U	2.0 U	2.0 U	100 U				
o-Xylene	250 U	1.0 U	1.0 U	50 U				
Styrene	250 U	1.0 U	1.0 U	50 U				
Bromoform	250 U	1.0 U	1.0 U	50 U				
1,1,2,2-Tetrachloroethane	250 U	1.0 U	1.0 U	50 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.13	4.3	0.14				
Chloride (mg/L)		105	76.0	83.3				
Total organic carbon (mg/L)		3.4	141	83				
Sulfate (mg/L)		386	40.8	63.3				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		21	30	58				
Ethane (µg/L)		1.0 U	3.6	2.5 U				
Ethene (µg/L)		1.0 U	69	150				
Carbon dioxide (mg/L)		277	660	534				
Alkalinity, Total as CaCO3 (mg/L)		287	530	595				
Bicarbonate Alkalinity as CaCO3 (mg/L)		287	530	595				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	280	150				
Propionic acid		1.0 U	7.7	4.9				
Butyric acid		2.0 U	4.0 U	10				
Pyruvic acid		0.50 U	1.0 U	0.50 U				

Notes:
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or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	B-10A(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	170 J	500 U	200 U				
Vinyl chloride	380 J	510	440				
Chloroethane	500 U	500 U	200 U				
Bromomethane	170 J	500 U	200 U				
1,1-Dichloroethene	380 J	380 J	310				
Acetone	2,500 U	2,500 U	1,000 U				
Carbon disulfide	500 U	500 U	200 U				
Methylene chloride	6,000	3,700	2,200				
trans-1,2-Dichloroethene	180 J	250 J	190 J				
1,1-Dichloroethane	450 J	430 J	370				
cis-1,2-Dichloroethene	22,000	70,000	65,000 D				
2-Butanone	2,500 U	2,500 U	1,000 U				
Chloroform	500 U	500 U	200 U				
1,1,1-Trichloroethane	930	1,100	850				
Carbon tetrachloride	500 U	500 U	200 U				
Benzene	500 U	500 U	200 U				
1,2-Dichloroethane	500 U	500 U	200 U				
Trichloroethene	64,000	28,000	17,000				
1,2-Dichloropropane	500 U	500 U	200 U				
Bromodichloromethane	500 U	500 U	200 U				
cis-1,3-Dichloropropene	500 U	500 U	200 U				
4-Methyl-2-pentanone	2,500 U	2,500 U	1,000 U				
Toluene	500 U	500 U	200 U				
trans-1,3-Dichloropropene	500 U	500 U	200 U				
1,1,2-Trichloroethane	500 U	500 U	200 U				
Tetrachloroethene	500 U	500 U	200 U				
2-Hexanone	2,500 U	2,500 U	1,000 U				
Dibromochloromethane	500 U	500 U	200 U				
Chlorobenzene	500 U	500 U	200 U				
Ethylbenzene	500 U	500 U	200 U				
m/p-Xylenes	1,000 U	1,000 U	1,000 U				
o-Xylene	500 U	500 U	200 U				
Styrene	500 U	500 U	200 U				
Bromoform	500 U	500 U	200 U				
1,1,2,2-Tetrachloroethane	500 U	500 U	200 U				
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.14	0.10 U	0.10 U				
Chloride (mg/L)	87.2	109	91.1				
Total organic carbon (mg/L)	7.9	56.9	53.5				
Sulfate (mg/L)	158	123	96.2				
Nitrate as N (mg/L)	1.0 U	1.0 U	1.0 U				
Methane (µg/L)	80	67	66				
Ethane (µg/L)	1.4	2.2	2.3				
Ethene (µg/L)	18	19	25				
Carbon dioxide (mg/L)	398	508	475				
Alkalinity, Total as CaCO3 (mg/L)	479	549	537				
Bicarbonate Alkalinity as CaCO3 (mg/L)	423	549	537				
Carbonate Alkalinity as CaCO3 (mg/L)	56.0	2.0 U	2.0 U				
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U	1.0 U				
Acetic acid	1.0 U	82	97				
Propionic acid	1.0 U	15	4.1				
Butyric acid	2.0 U	2.0 U	2.0 U				
Pyruvic acid	0.50 U	0.50 U	0.50 U				

Notes:
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or parts per billion (ppb) unless otherwise noted.
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D = Compound analyzed at secondary dilution.
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

Constituents of Concern (Units)	B-14(1)							
Volatile Organic Compounds (µg/L)	10/20/16	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	1.0 U	2.0 U	2.0 U	1.0 U				
Vinyl chloride	180	190	180	240 D				
Chloroethane	1.0 U	2.0 U	2.0 U	1.0 U				
Bromomethane	1.0 U	2.0 U	2.0 U	1.0 U				
1,1-Dichloroethene	1.3	1.8 J	2.0 U	1.2				
Acetone	1.6 J	10 U	10 U	1.4 J				
Carbon disulfide	0.71 J	0.64 J	3.1	1.1 B				
Methylene chloride	1.0 U	2.0 U	2.0 U	1.0 U				
trans-1,2-Dichloroethene	1.8	1.8 J	1.6 J	2.1				
1,1-Dichloroethane	20	18	15	22				
cis-1,2-Dichloroethene	170	140	100	150				
2-Butanone	5.0 U	10 U	10 U	5.0 U				
Chloroform	1.0 U	2.0 U	2.0 U	1.0 U				
1,1,1-Trichloroethane	81	75	52	73				
Carbon tetrachloride	1.0 U	2.0 U	2.0 U	1.0 U				
Benzene	1.0 U	2.0 U	2.0 U	1.0 U				
1,2-Dichloroethane	1.0 U	2.0 U	2.0 U	1.0 U				
Trichloroethene	1.8	1.8 J	1.6 J	2.5				
1,2-Dichloropropane	1.0 U	2.0 U	2.0 U	1.0 U				
Bromodichloromethane	1.0 U	2.0 U	2.0 U	1.0 U				
cis-1,3-Dichloropropene	1.0 U	2.0 U	2.0 U	1.0 U				
4-Methyl-2-pentanone	5.0 U	10 U	10 U	5.0 U				
Toluene	1.0 U	2.0 U	2.0 U	1.0 U				
trans-1,3-Dichloropropene	1.0 U	2.0 U	2.0 U	1.0 U				
1,1,2-Trichloroethane	1.0 U	2.0 U	2.0 U	1.0 U				
Tetrachloroethene	1.0 U	2.0 U	2.0 U	1.0 U				
2-Hexanone	5.0 U	10 U	10 U	5.0 U				
Dibromochloromethane	1.0 U	2.0 U	2.0 U	1.0 U				
Chlorobenzene	1.0 U	2.0 U	2.0 U	1.0 U				
Ethylbenzene	1.0 U	2.0 U	2.0 U	1.0 U				
m/p-Xylenes	2.0 U	4.0 U	4.0 U	2.0 U				
o-Xylene	1.0 U	2.0 U	2.0 U	1.0 U				
Styrene	1.0 U	2.0 U	2.0 U	1.0 U				
Bromoform	1.0 U	2.0 U	2.0 U	1.0 U				
1,1,1,2-Tetrachloroethane	1.0 U	2.0 U	2.0 U	1.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	0.10 U	0.10 U				
Chloride (mg/L)		120	117	141				
Total organic carbon (mg/L)		4.1	3.8	4.1				
Sulfate (mg/L)		957	972	983				
Nitrate as N (mg/L)		1.0 U	1.0 U	1.0 U				
Methane (µg/L)		54	53	21				
Ethane (µg/L)		1.0 U	1.1	1.0 U				
Ethene (µg/L)		8.8	12	7.1				
Carbon dioxide (mg/L)		325	286	265				
Alkalinity, Total as CaCO3 (mg/L)		308	290	298				
Bicarbonate Alkalinity as CaCO3 (mg/L)		308	290	298				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.0 U	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	DW-9							
Volatile Organic Compounds (µg/L)	10/20/16	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
Vinyl chloride	2.5	1.0 U	1.0 U	1.0 U				
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U				
1,1-Dichloroethene	12	1.0 U	1.0 U	1.0 U				
Acetone	5.0 U	1.7 J	1.8 J	2.0 J				
Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U				
Methylene chloride	1.0 U	1.0 U	1.0 U	1.0 U				
trans-1,2-Dichloroethene	8.6	1.0 U	1.0 U	1.0 U				
1,1-Dichloroethane	13	0.40 J	1.0 U	1.0 U				
cis-1,2-Dichloroethene	1,100 D	22	4.9	3.7				
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U				
Chloroform	3	0.47 J	1.0 U	1.0 U				
1,1,1-Trichloroethane	44	1.1	1.0 U	1.0 U				
Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U				
Benzene	0.85 J	1.0 U	1.0 U	1.0 U				
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Trichloroethene	2,400 D	70	20	15				
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U				
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U				
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U	5.0 U				
Toluene	1.0 U	1.0 U	1.0 U	1.0 U				
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U				
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U				
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U				
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U				
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U				
m/p-Xylenes	2.0 U	2.0 U	2.0 U	2.0 U				
o-Xylene	1.0 U	1.0 U	1.0 U	1.0 U				
Styrene	1.0 U	1.0 U	1.0 U	1.0 U				
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U				
1,1,2,2-Tetrachloroethane	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				
Chloride (mg/L)		3.6	5.3	9.5				
Total organic carbon (mg/L)		6.0	6.0	5.9				
Sulfate (mg/L)		141	96.2	78.2				
Nitrate as N (mg/L)		2.5	5.3	5.1				
Methane (µg/L)		1.1 U	1.1 U	1.1 U				
Ethane (µg/L)		1.0 U	1.0 U	1.0 U				
Ethene (µg/L)		1.0 U	1.0 U	1.0 U				
Carbon dioxide (mg/L)		174	149	150				
Alkalinity, Total as CaCO3 (mg/L)		186	160	168				
Bicarbonate Alkalinity as CaCO3 (mg/L)		186	160	168				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0	1.0 U	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

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

Constituents of Concern (Units)	DW-10							
Volatile Organic Compounds (µg/L)	10/20/16	11/14/17	1/24/18	2/28/18	3/23/18	June	September	December
Chloromethane	10 U	0.24 J	1.0 U	50 U				
Vinyl chloride	110	2.3	260 D	130				
Chloroethane	10 U	1.0 U	1.0 U	50 U				
Bromomethane	10 U	1.0 U	1.0 U	50 U				
1,1-Dichloroethene	5.9 J	1.0 U	17.0	50 U				
Acetone	50 U	1.5 J	4.9 J	250 U				
Carbon disulfide	10 U	1.0 U	14	50 U				
Methylene chloride	2,300 D	170	16,000 D	10,000 D				
trans-1,2-Dichloroethene	3.8	1.0 U	12.0	50 U				
1,1-Dichloroethane	12	1.0 U	15	50 U				
cis-1,2-Dichloroethene	960	17	1,100 D	480				
2-Butanone	50 U	5.0 U	5.0 U	250 U				
Chloroform	3.4 J	1.0 U	5.4	50 U				
1,1,1-Trichloroethane	57	0.48 J	18.0	50 U				
Carbon tetrachloride	10 U	1.0 U	1.0 U	50 U				
Benzene	10 U	1.0 U	0.89 J	50 U				
1,2-Dichloroethane	10 U	1.0 U	1.0 U	50 U				
Trichloroethene	510	32	36,000 D	8,900				
1,2-Dichloropropane	10 U	1.0 U	1.0 U	50 U				
Bromodichloromethane	10 U	1.0 U	1.0 U	50 U				
cis-1,3-Dichloropropene	10 U	1.0 U	1.0 U	50 U				
4-Methyl-2-pentanone	50 U	5.0 U	5.0 U	250 U				
Toluene	10 U	1.0 U	8.0	50 U				
trans-1,3-Dichloropropene	10 U	1.0 U	1.0 U	50 U				
1,1,2-Trichloroethane	10 U	1.0 U	0.75 J	50 U				
Tetrachloroethene	10 U	1.0 U	8.0	50 U				
2-Hexanone	50 U	5.0 U	5.0 U	250 U				
Dibromochloromethane	10 U	1.0 U	1.0 U	50 U				
Chlorobenzene	10 U	1.0 U	1.0 U	50 U				
Ethylbenzene	10 U	1.0 U	1.4	50 U				
m/p-Xylenes	20 U	2.0 U	4.6	100 U				
o-Xylene	10 U	1.0 U	1.7	50 U				
Styrene	10 U	1.0 U	1.0 U	50 U				
Bromoform	10 U	1.0 U	1.0 U	50 U				
1,1,1,2,2-Tetrachloroethane	10 U	1.0 U	1.0 U	50 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	4.0 U	3.1				
Chloride (mg/L)		10.2	35.3	31.6				
Total organic carbon (mg/L)		3.3	690	52				
Sulfate (mg/L)		53	104	88.0				
Nitrate as N (mg/L)		2.6	1.0 U	1.0 U				
Methane (µg/L)		1.6	76	47				
Ethane (µg/L)		1.0 U	7.2	3.7				
Ethene (µg/L)		1.0 U	24	14				
Carbon dioxide (mg/L)		108	179	152				
Alkalinity, Total as CaCO3 (mg/L)		122	184	170				
Bicarbonate Alkalinity as CaCO3 (mg/L)		122	184	170				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.0 U	14				
Propionic acid		1.0 U	1.0 U	2.9				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
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Bold = Compound detected at concentration.
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D = Compound analyzed at secondary dilution.
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

Constituents of Concern (Units)	DW-11							
Volatile Organic Compounds (µg/L)	10/20/16	11/13/17	1/23/18	2/27/18	3/23/18	June	September	December
Chloromethane	10 U	0.45 J	1.0 U	1.0 U				
Vinyl chloride	450	100	13	40				
Chloroethane	10 U	29	1.0 U	1.0 U				
Bromomethane	10 U	1.0 U	1.0 U	1.0 U				
1,1-Dichloroethene	10 U	1.2	1.0 U	1.0 U				
Acetone	50 U	5.0 U	48	14				
Carbon disulfide	3.4 J	0.35 J	0.39 J	0.48 J				
Methylene chloride	10 U	1.0 U	11	14				
trans-1,2-Dichloroethene	5.9 J	1.0	1.0 U	1.0 U				
1,1-Dichloroethane	25	8.6	0.88 J	2.8				
cis-1,2-Dichloroethene	1,500	110	23	31				
2-Butanone	50 U	5.0 U	1.0 J	5.0 U				
Chloroform	10 U	1.0 U	1.0 U	1.0 U				
1,1,1-Trichloroethane	110	45	3.3	5.6				
Carbon tetrachloride	10 U	1.0 U	1.0 U	1.0 U				
Benzene	10 U	1.0 U	0.84 J	1.0 U				
1,2-Dichloroethane	10 U	1.0 U	1.0 U	1.0 U				
Trichloroethene	14	35	520 D	190				
1,2-Dichloropropane	10 U	1.0 U	1.0 U	1.0 U				
Bromodichloromethane	10 U	1.0 U	1.0 U	1.0 U				
cis-1,3-Dichloropropene	10 U	1.0 U	1.0 U	1.0 U				
4-Methyl-2-pentanone	50 U	5.0 U	5.0 U	5.0 U				
Toluene	10 U	1.0 U	0.54 J	0.24 J				
trans-1,3-Dichloropropene	10 U	1.0 U	1.0 U	1.0 U				
1,1,2-Trichloroethane	10 U	1.0 U	1.0 U	1.0 U				
Tetrachloroethene	10 U	1.0 U	0.46 J	1.0 U				
2-Hexanone	50 U	5.0 U	5.0 U	5.0 U				
Dibromochloromethane	10 U	1.0 U	1.0 U	1.0 U				
Chlorobenzene	10 U	1.0 U	1.0 U	1.0 U				
Ethylbenzene	10 U	1.0 U	1.0 U	1.0 U				
m/p-Xylenes	20 U	2.0 U	0.56 J	2.0 U				
o-Xylene	10 U	1.0 U	1.0 U	1.0 U				
Styrene	10 U	1.0 U	1.0 U	1.0 U				
Bromoform	10 U	1.0 U	1.0 U	1.0 U				
1,1,1,2-Tetrachloroethane	10 U	1.0 U	1.0 U	1.0 U				
General Chemistry Parameters								
Iron, ferrous (mg/L)		0.10 U	0.76	0.10 U				
Chloride (mg/L)		321	481	976				
Total organic carbon (mg/L)		4.1	9.2	6.8				
Sulfate (mg/L)		291	409	246				
Nitrate as N (mg/L)		1.1	2.4	1.0 U				
Methane (µg/L)		30	4.2	2.7				
Ethane (µg/L)		1.0 U	1.0 U	1.0 U				
Ethene (µg/L)		4.2	1.1	1.3				
Carbon dioxide (mg/L)		222	177	119				
Alkalinity, Total as CaCO3 (mg/L)		245	194	133				
Bicarbonate Alkalinity as CaCO3 (mg/L)		245	194	133				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.4	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

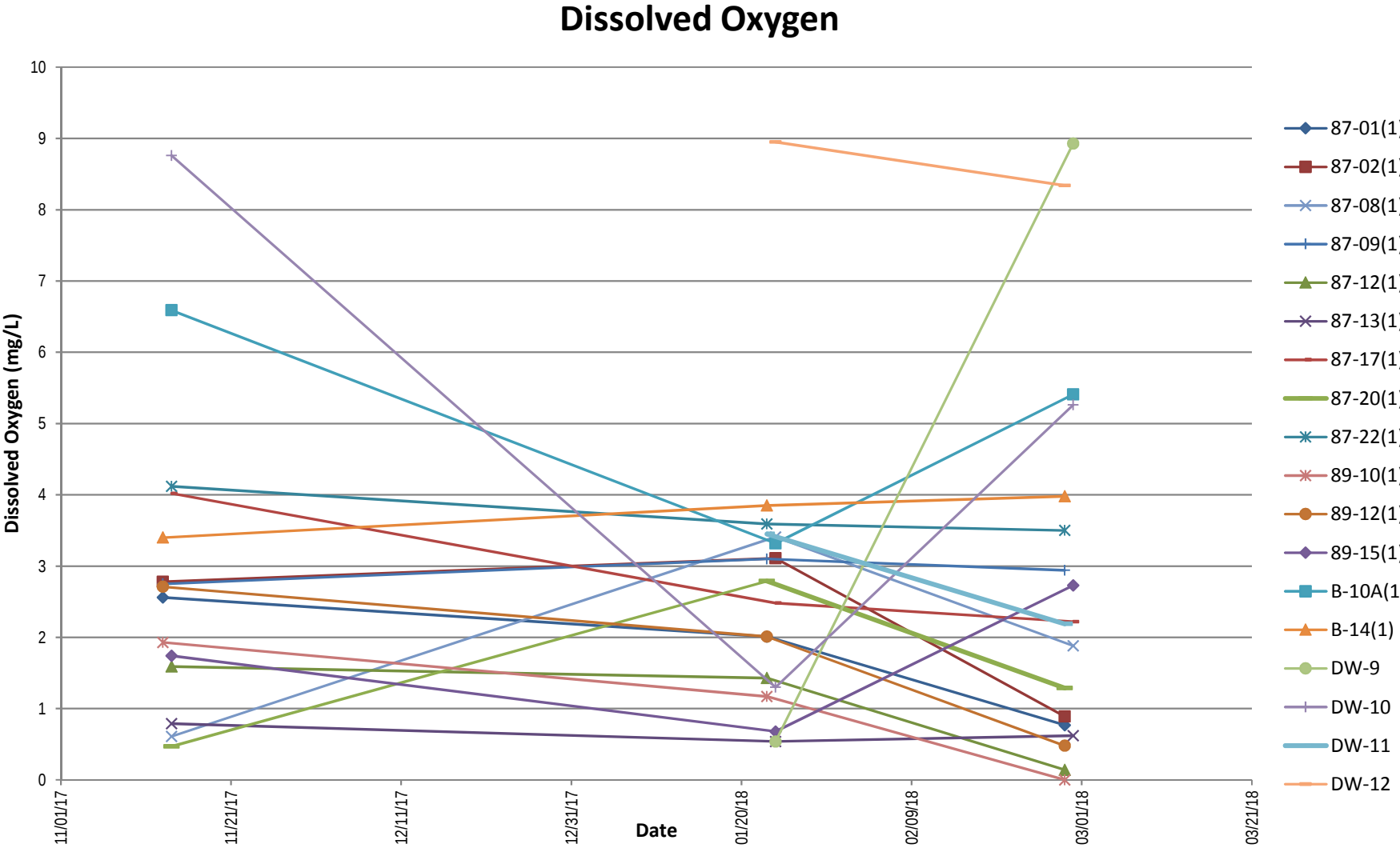
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

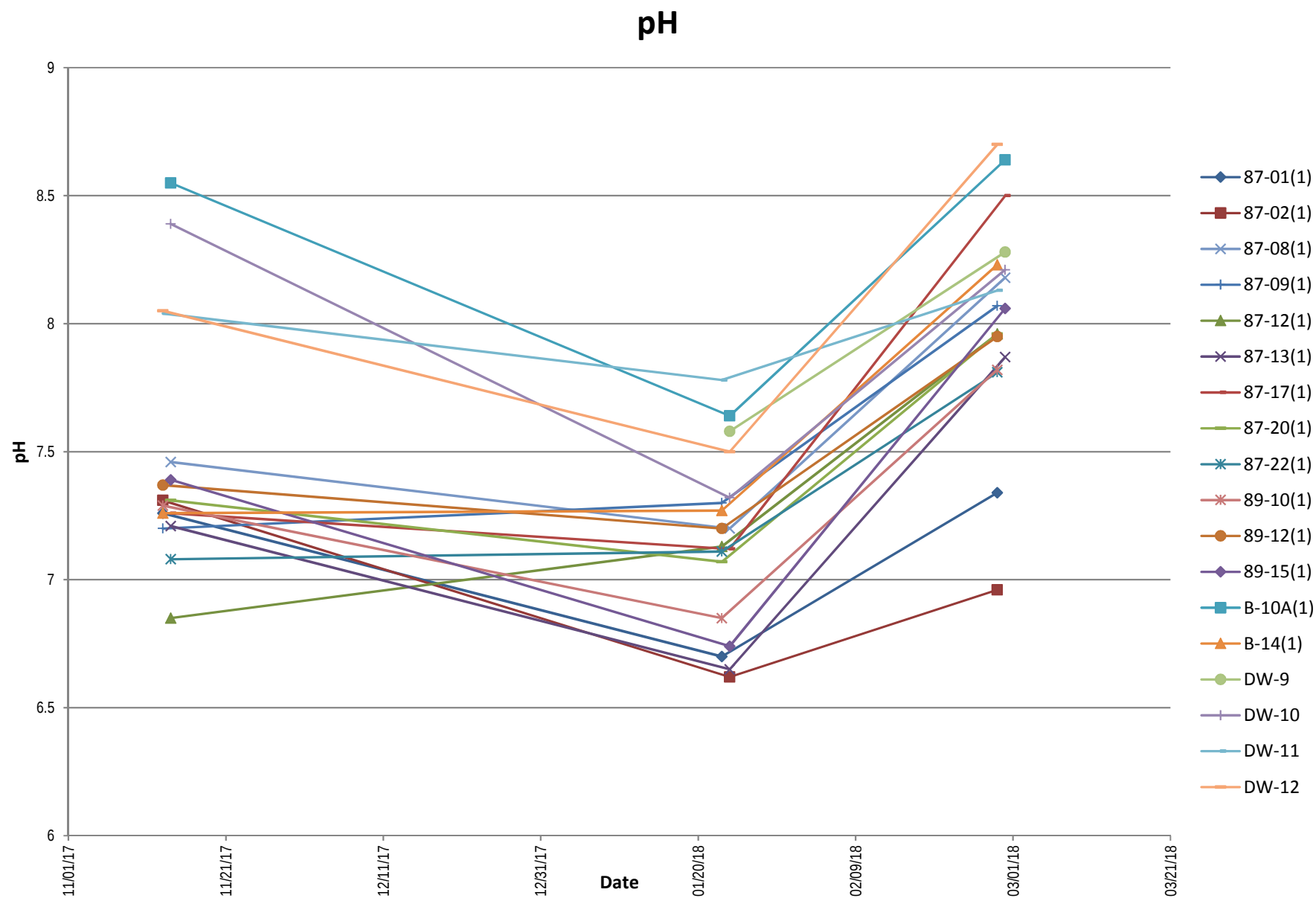
Constituents of Concern (Units)	DW-12							
Volatile Organic Compounds (µg/L)	10/19/16	11/13/17	1/24/18	2/27/18	3/23/18	June	September	December
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
Vinyl chloride	180	1.0 U	1.0 U	1.0 U				
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U				
1,1-Dichloroethene	5.2	1.0 U	1.0 U	1.0 U				
Acetone	5.0 U	2.4 J	5.0 U	1.9 J				
Carbon disulfide	0.9 J	1.0 U	1.0 U	1.0 U				
Methylene chloride	1.0 U	1.0 U	1.0 U	1.0 U				
trans-1,2-Dichloroethene	15	1.0 U	1.0 U	1.0 U				
1,1-Dichloroethane	13	1.0 U	1.0 U	1.0 U				
cis-1,2-Dichloroethene	1,700 D	1.5	2.2	1.1				
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U				
Chloroform	1.1	1.0 U	0.35 J	1.0 U				
1,1,1-Trichloroethane	34	1.0 U	1.0 U	1.0 U				
Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U				
Benzene	1.0 U	1.0 U	1.0 U	1.0 U				
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Trichloroethene	83	1.2	0.87 J	0.70 J				
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U				
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U				
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U	5.0 U				
Toluene	1.0 U	1.0 U	1.0 U	1.0 U				
trans-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U				
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U				
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U				
2-Hexanone	5.0 U	5.0 U	5.0 U	5.0 U				
Dibromochloromethane	1.0 U	1.0 U	1.0 U	1.0 U				
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U				
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U				
m/p-Xylenes	2.0 U	2.0 U	2.0 U	2.0 U				
o-Xylene	1.0 U	1.0 U	1.0 U	1.0 U				
Styrene	1.0 U	1.0 U	1.0 U	1.0 U				
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U				
1,1,2,2-Tetrachloroethane	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				
Chloride (mg/L)		40.7	1,050	1,100				
Total organic carbon (mg/L)		2.9	2.2	2.2				
Sulfate (mg/L)		184	138	92.1				
Nitrate as N (mg/L)		1.0 U	1.5	1.1				
Methane (µg/L)		1.1 U	1.0 U	1.0 U				
Ethane (µg/L)		1.0 U	1.0 U	1.0 U				
Ethene (µg/L)		1.0 U	1.0 U	1.0 U				
Carbon dioxide (mg/L)		73.1	62.6	56.6				
Alkalinity, Total as CaCO3 (mg/L)		80.4	66.4	64.0				
Bicarbonate Alkalinity as CaCO3 (mg/L)		80.4	66.4	64.0				
Carbonate Alkalinity as CaCO3 (mg/L)		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				
Acetic acid		1.0 U	1.0 U	1.0 U				
Propionic acid		1.0 U	1.0 U	1.0 U				
Butyric acid		2.0 U	2.0 U	2.0 U				
Pyruvic acid		0.50 U	0.50 U	0.50 U				

Notes:
All concentrations reported in micrograms per liter (µg/L)
or parts per billion (ppb) unless otherwise noted.
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.

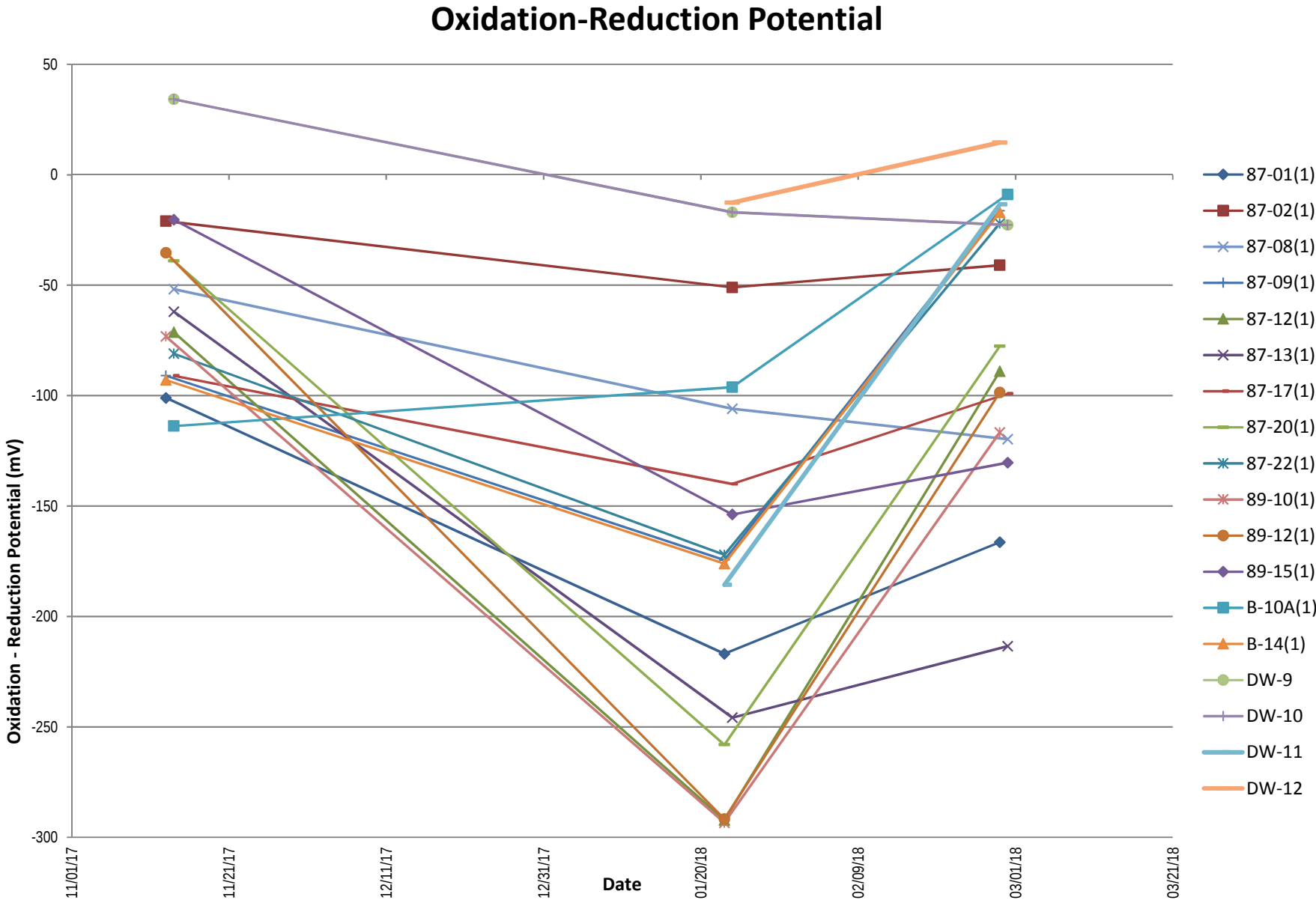
Graph 1
Dissolved Oxygen
Former Bell Aerospace Textron Wheatfield, New York



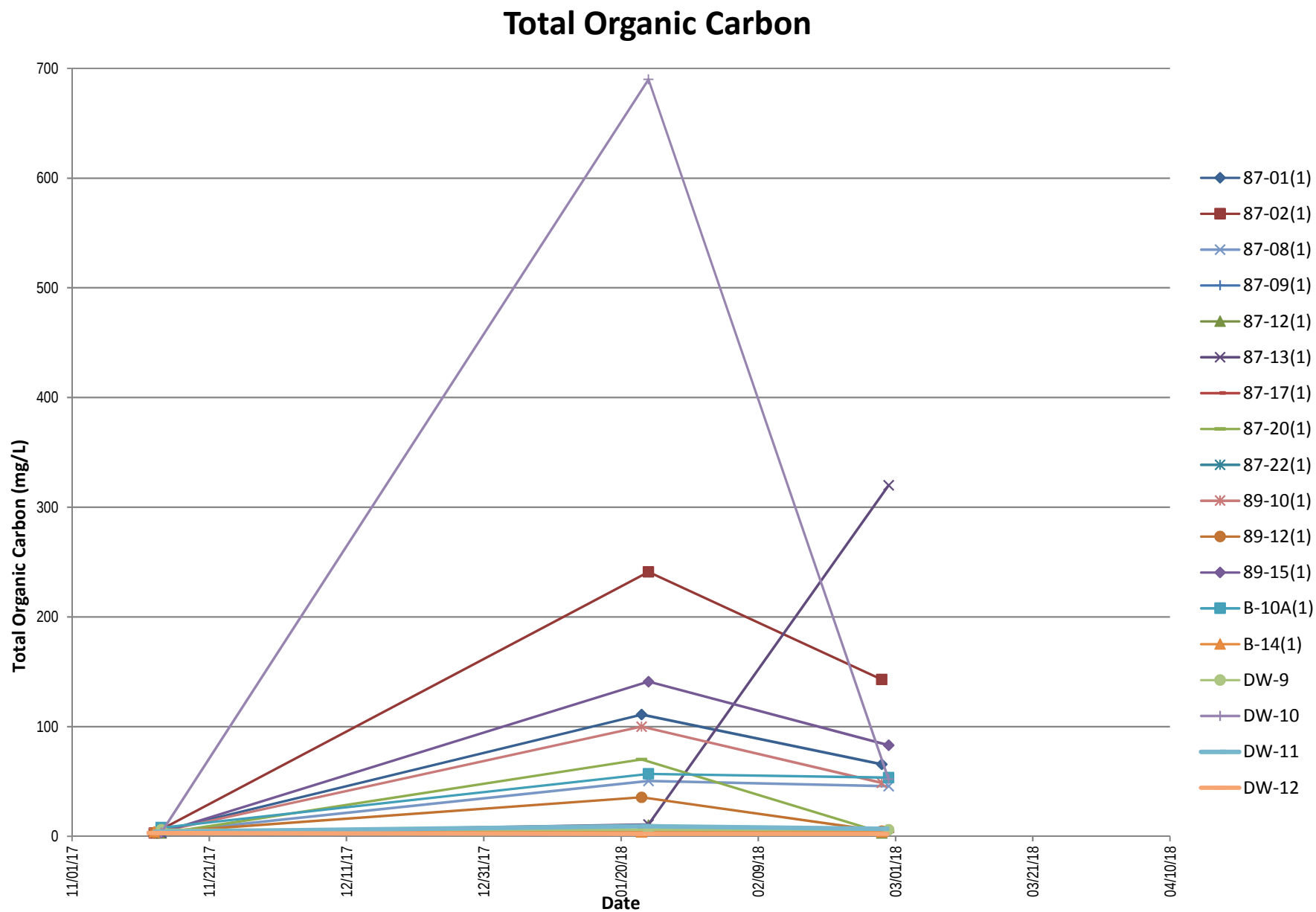
Graph 2
pH
Former Bell Aerospace Textron Wheatfield, New York



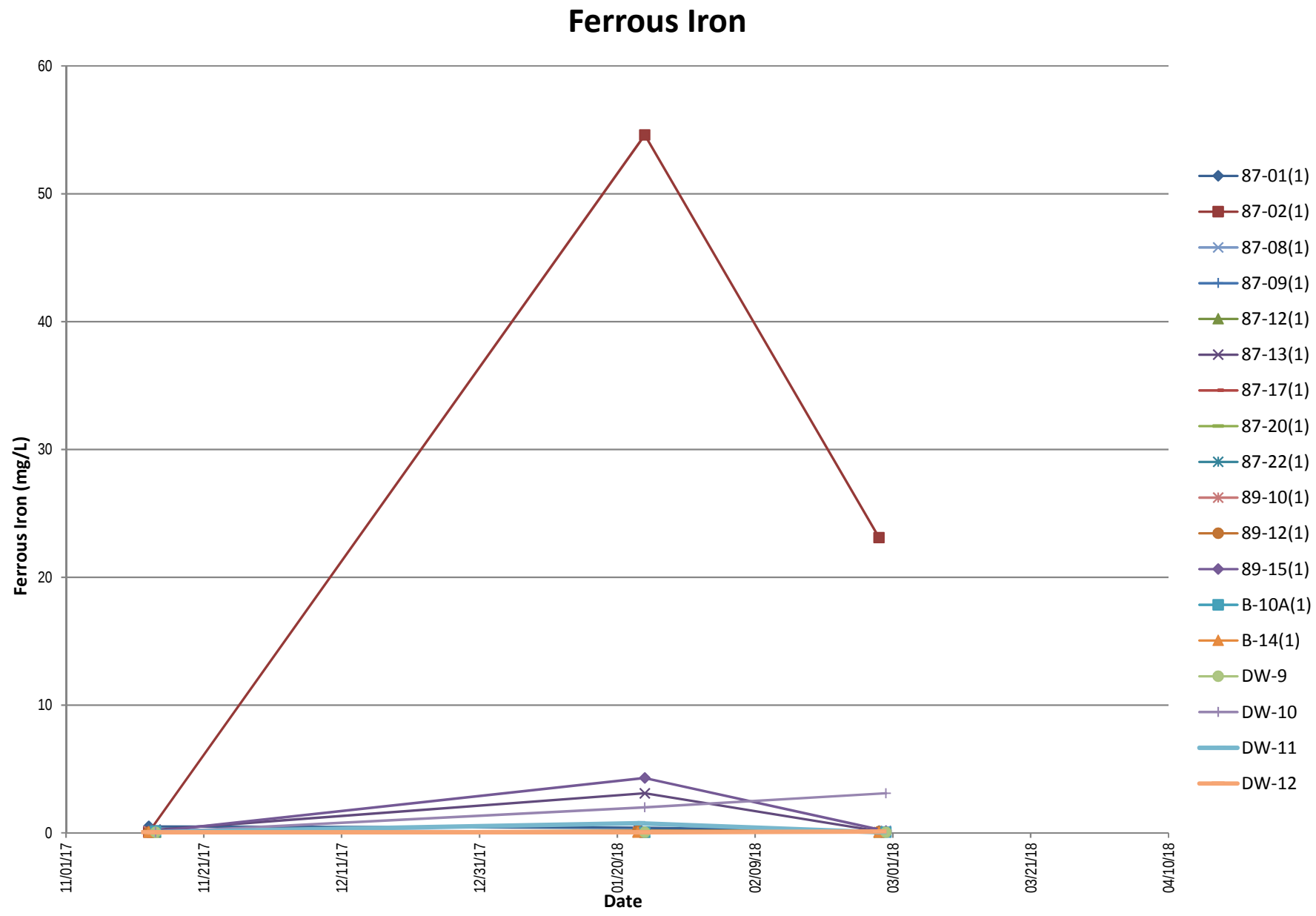
Graph 3
ORP
Former Bell Aerospace Textron Wheatfield, New York



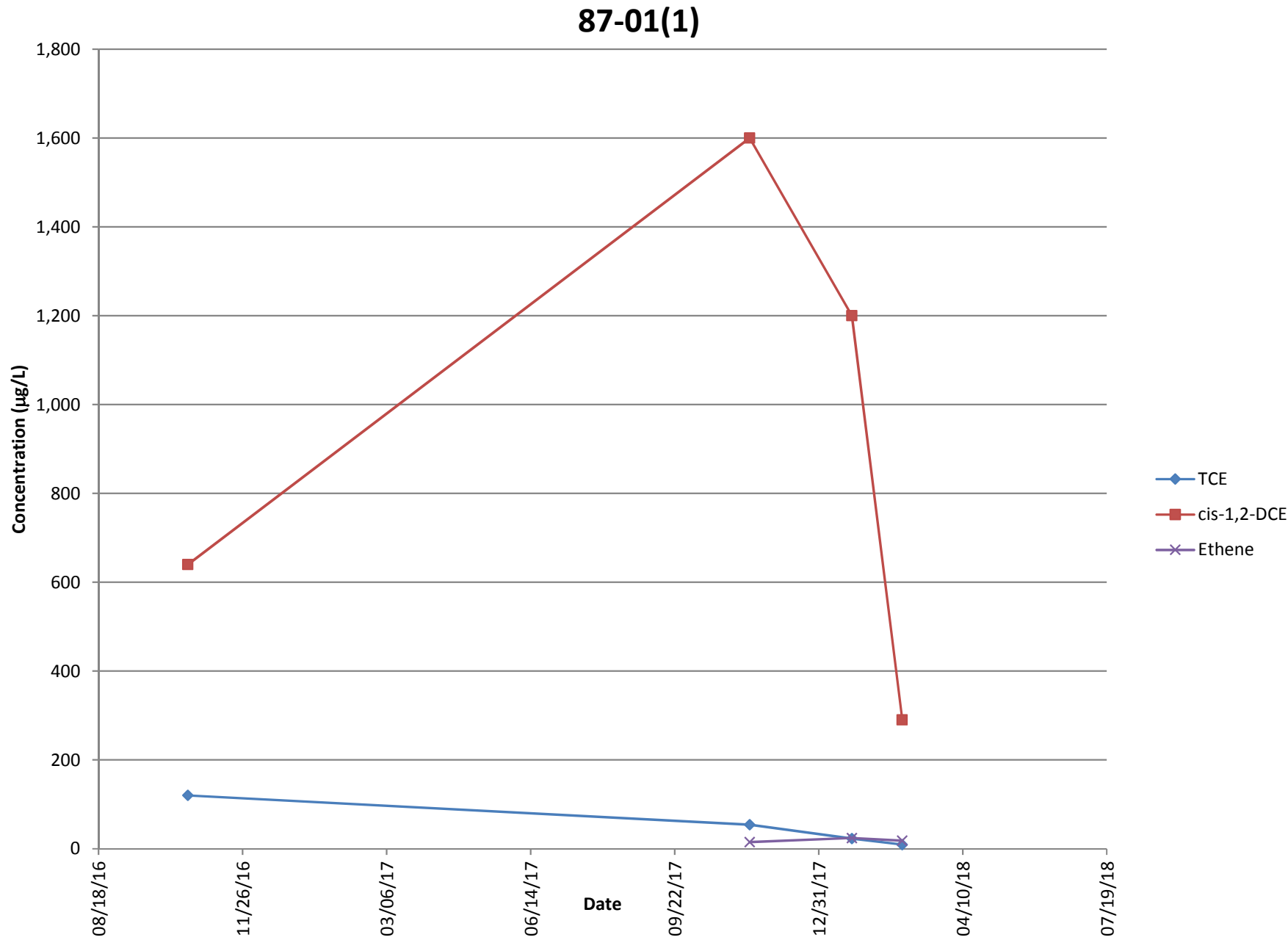
Graph 4
Total Organic Carbon
Former Bell Aerospace Textron Wheatfield, New York



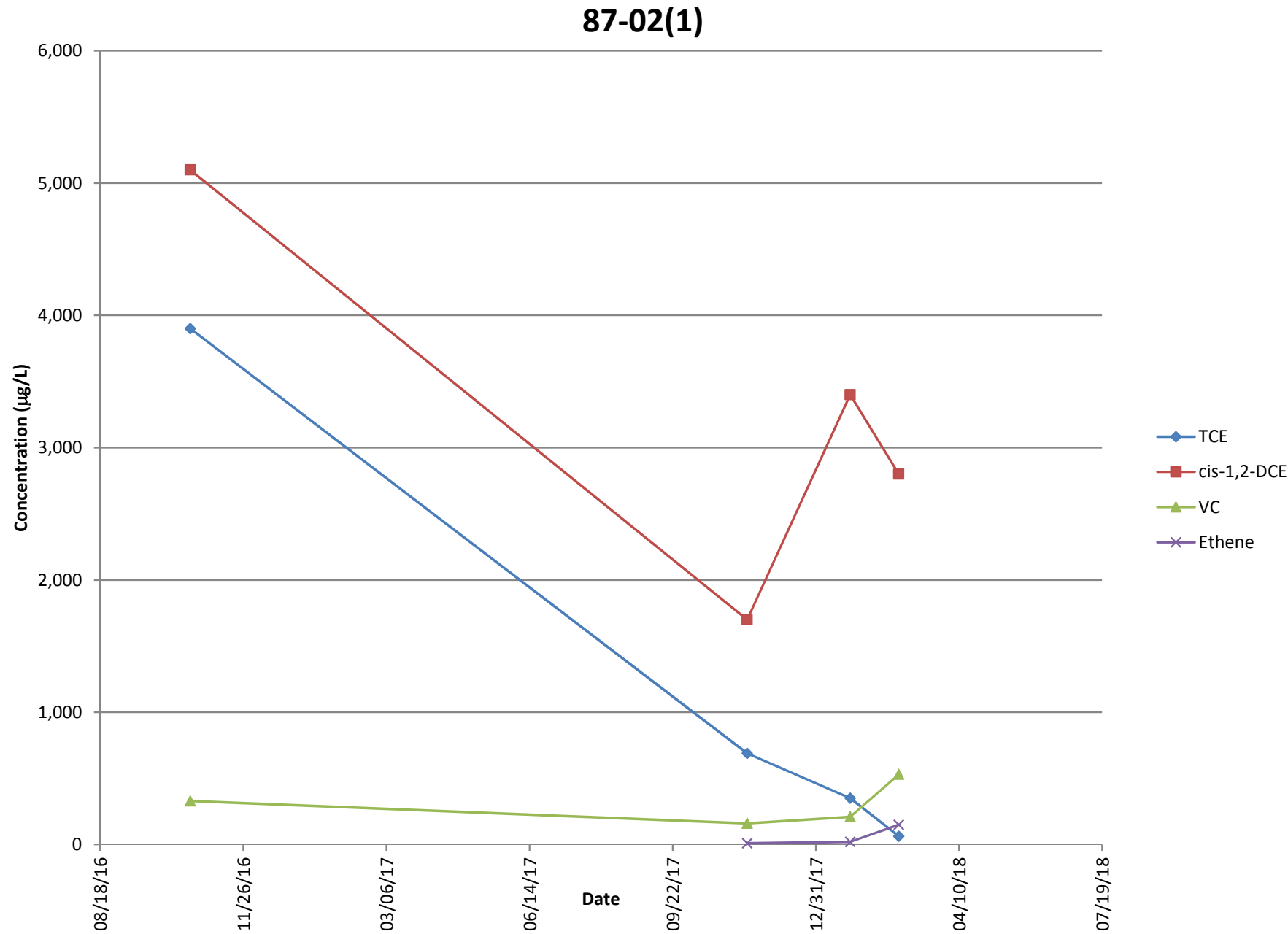
Graph 5
Ferrous Iron
Former Bell Aerospace Textron Wheatfield, New York



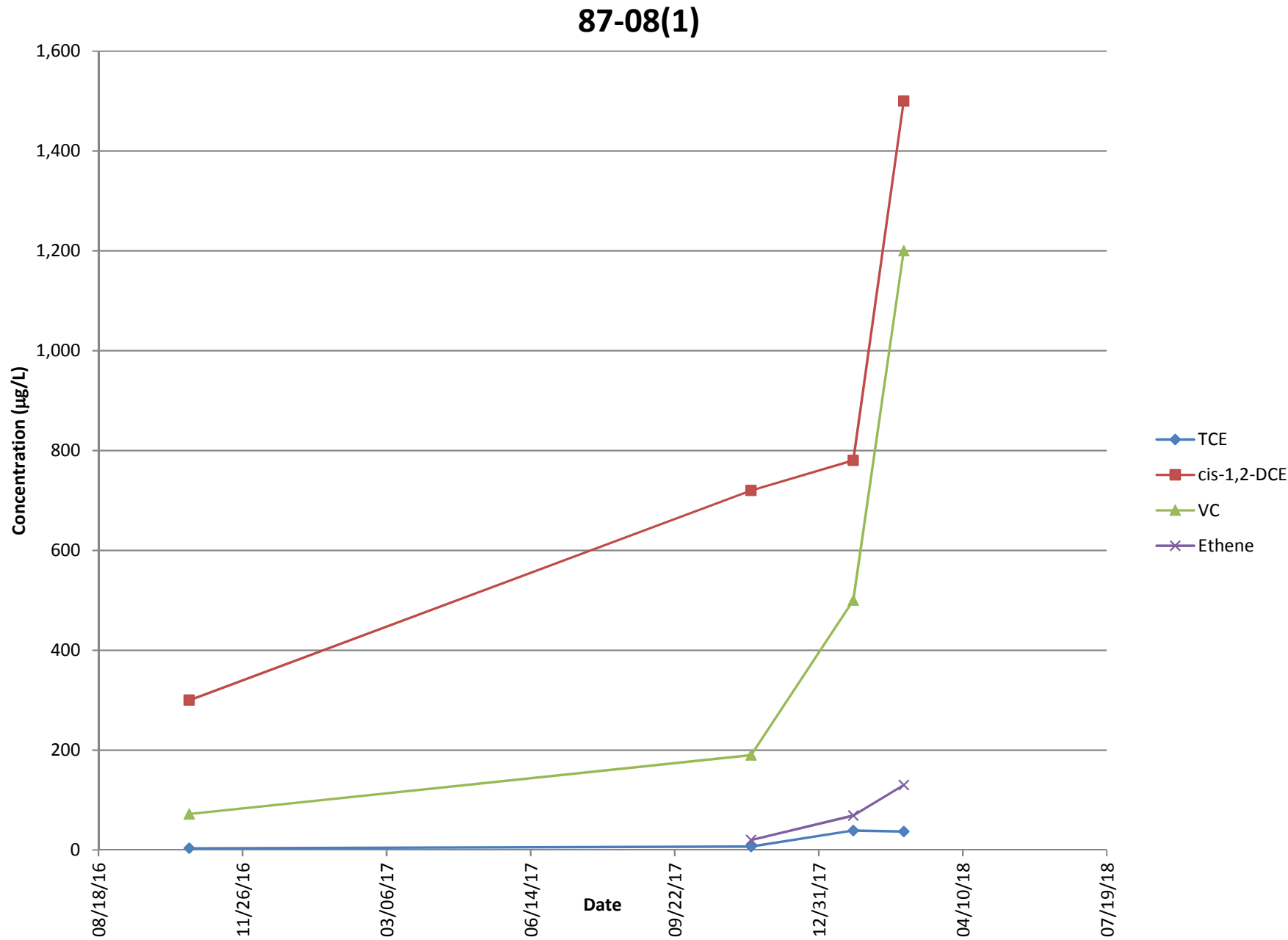
Graph 6
87-01(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



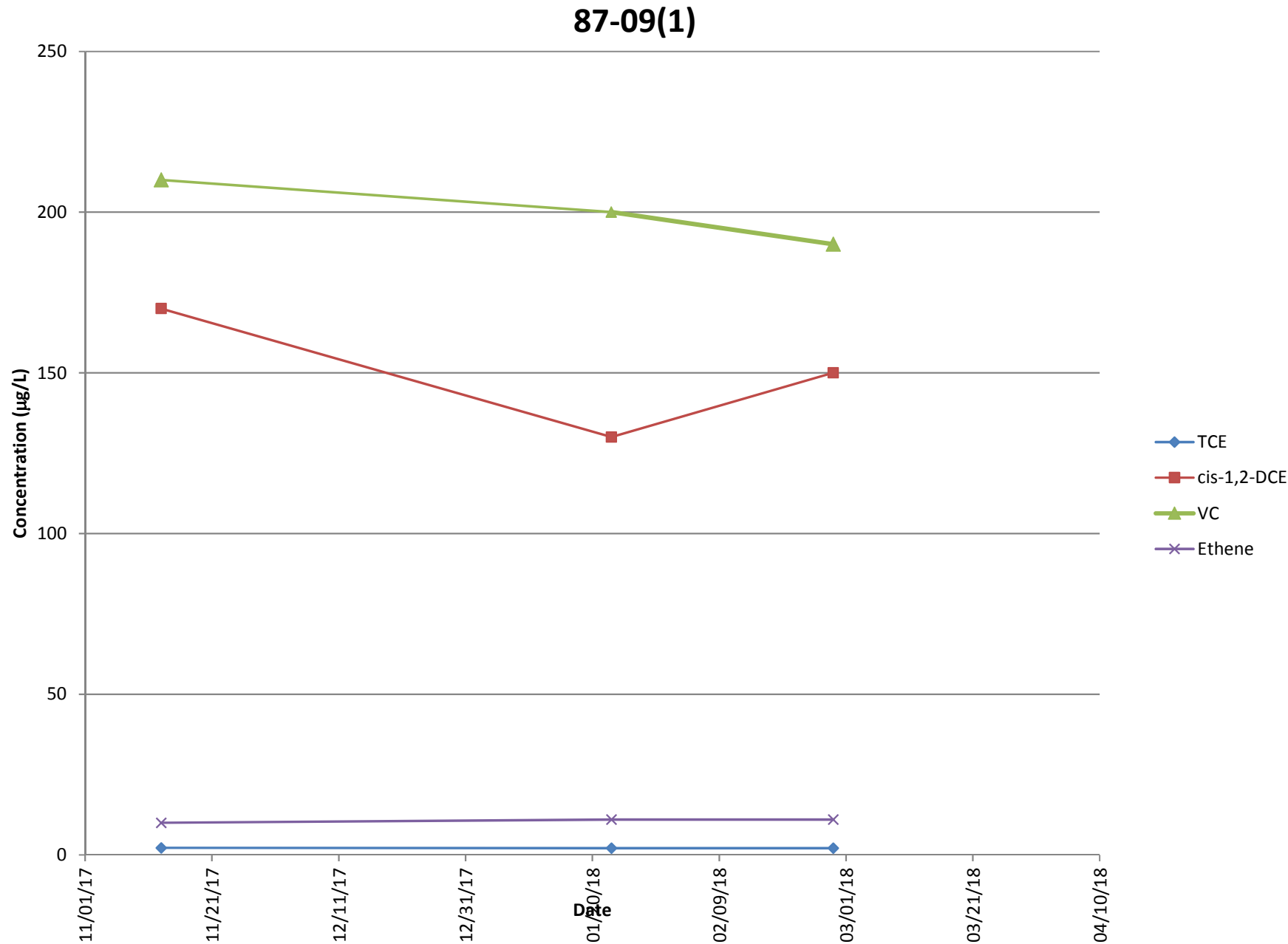
Graph 7
87-02(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



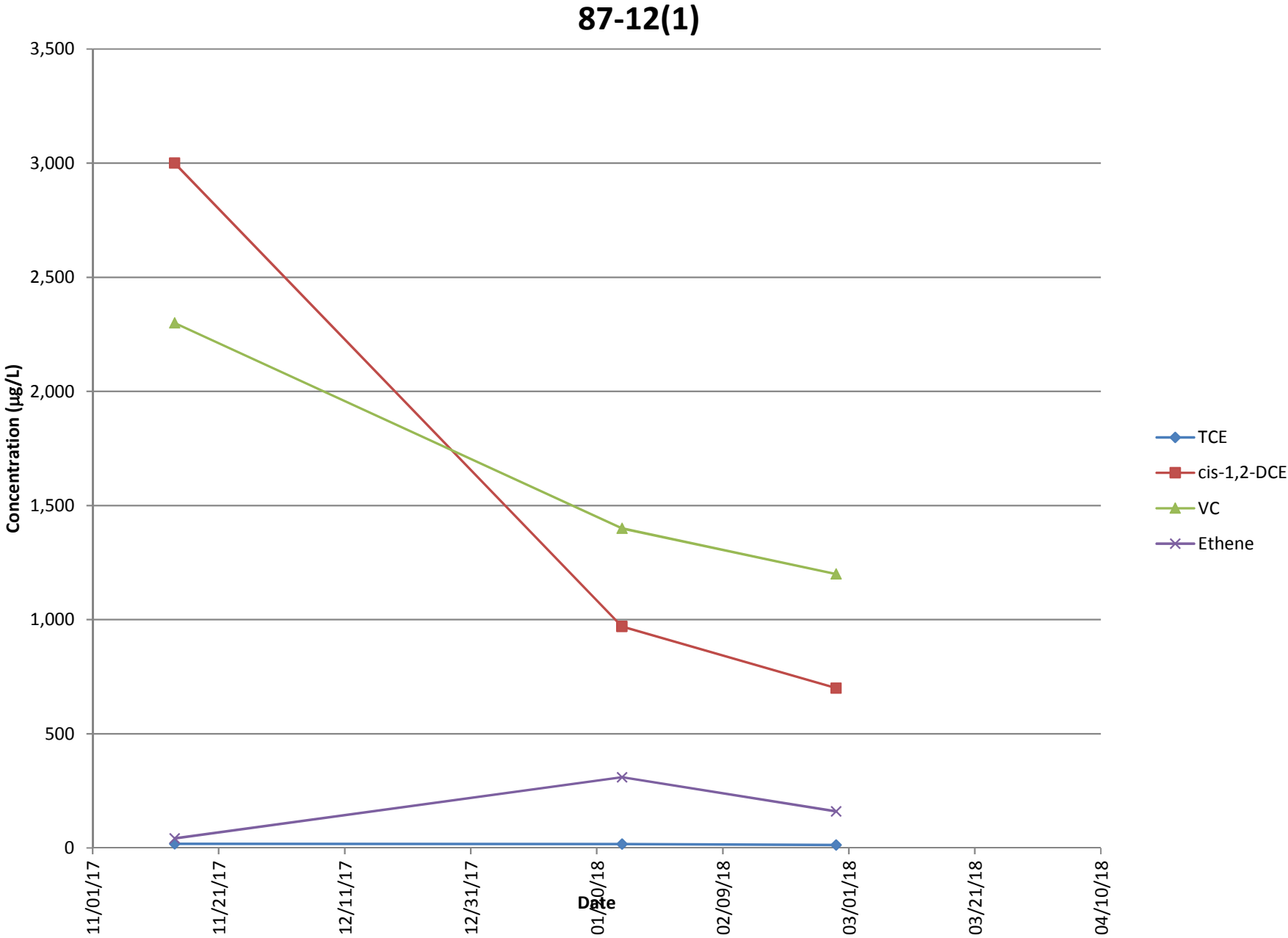
Graph 8
87-08(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



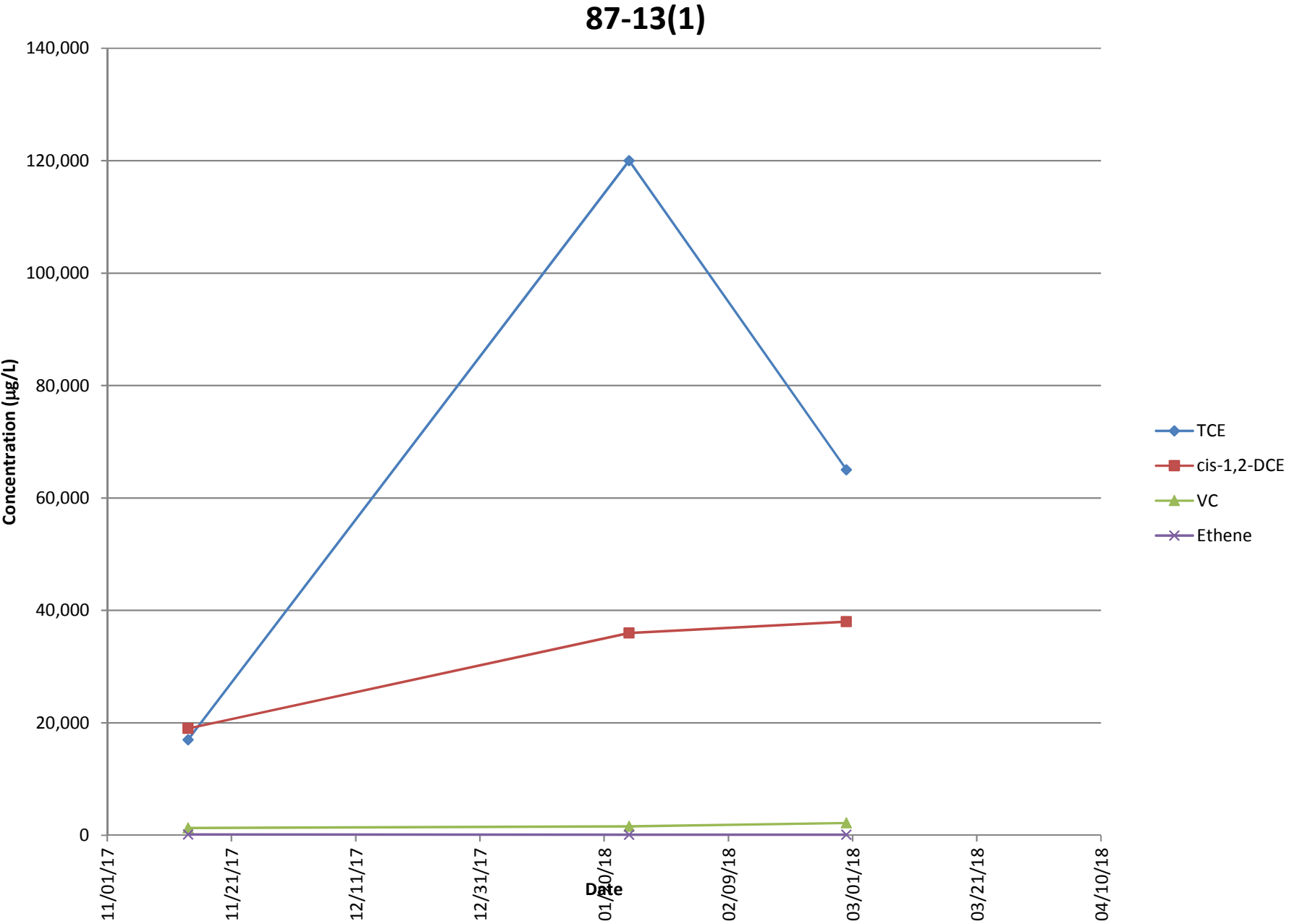
Graph 9
87-09(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



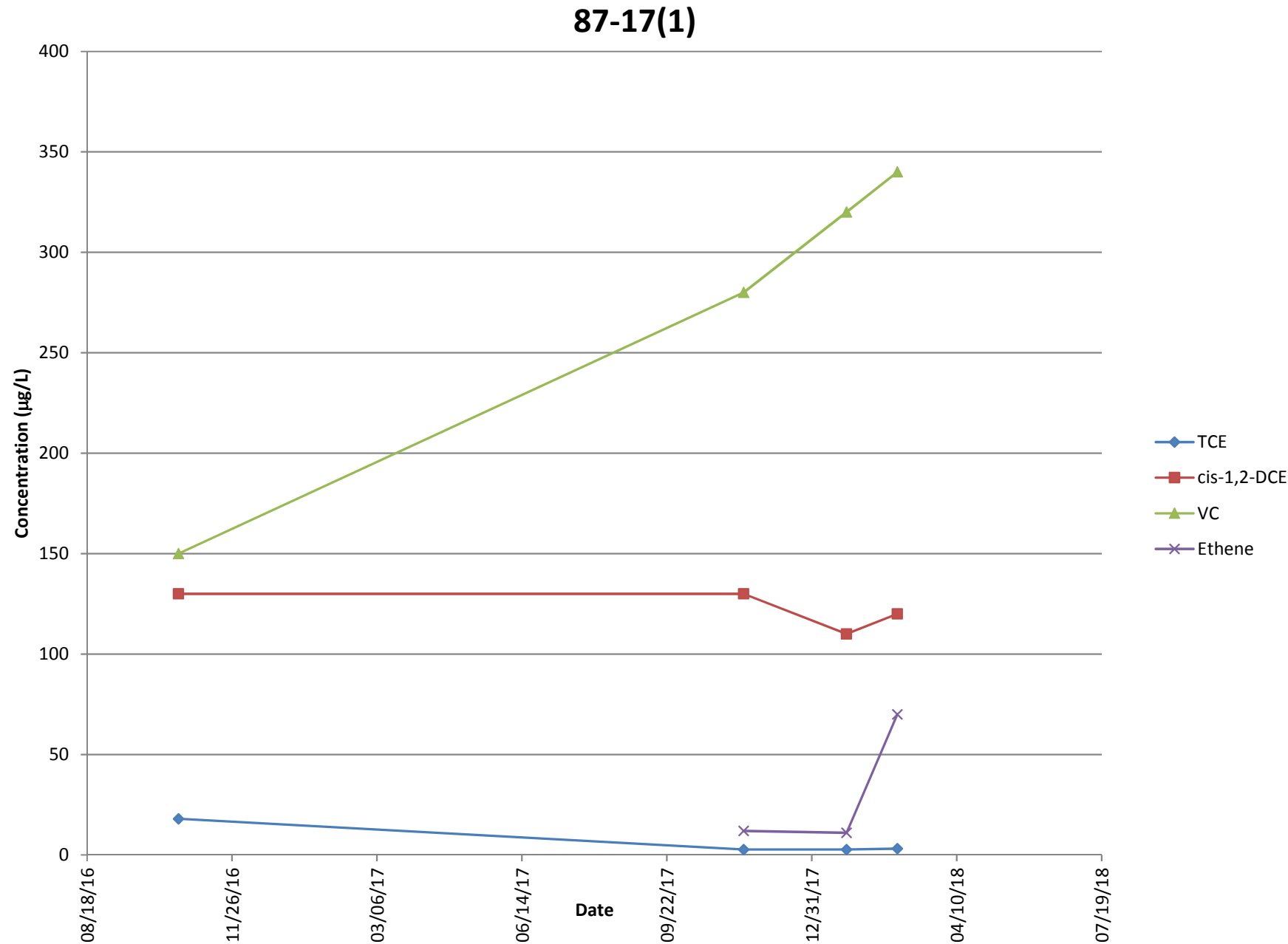
Graph 10
87-12(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



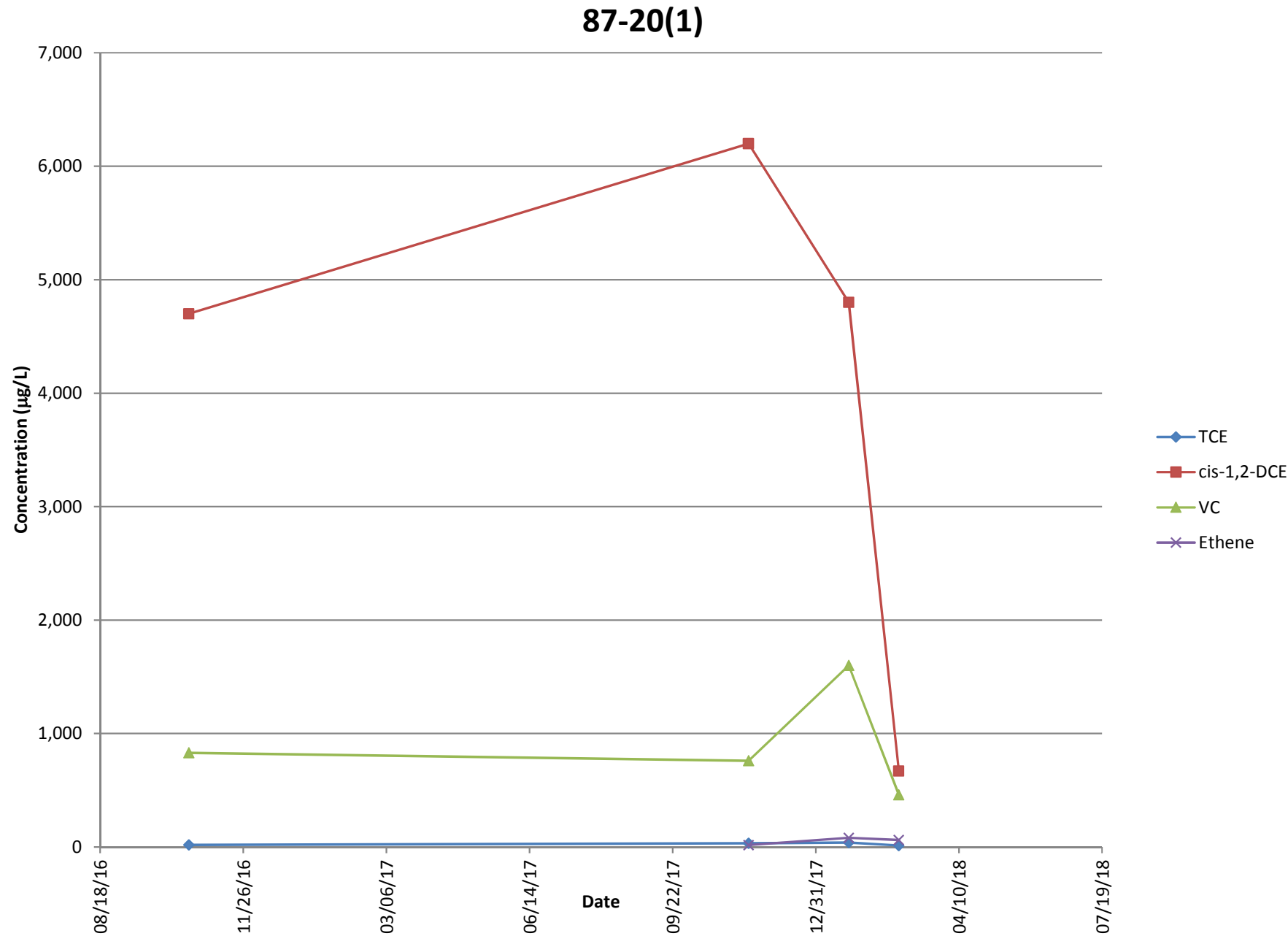
Graph 11
87-13(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



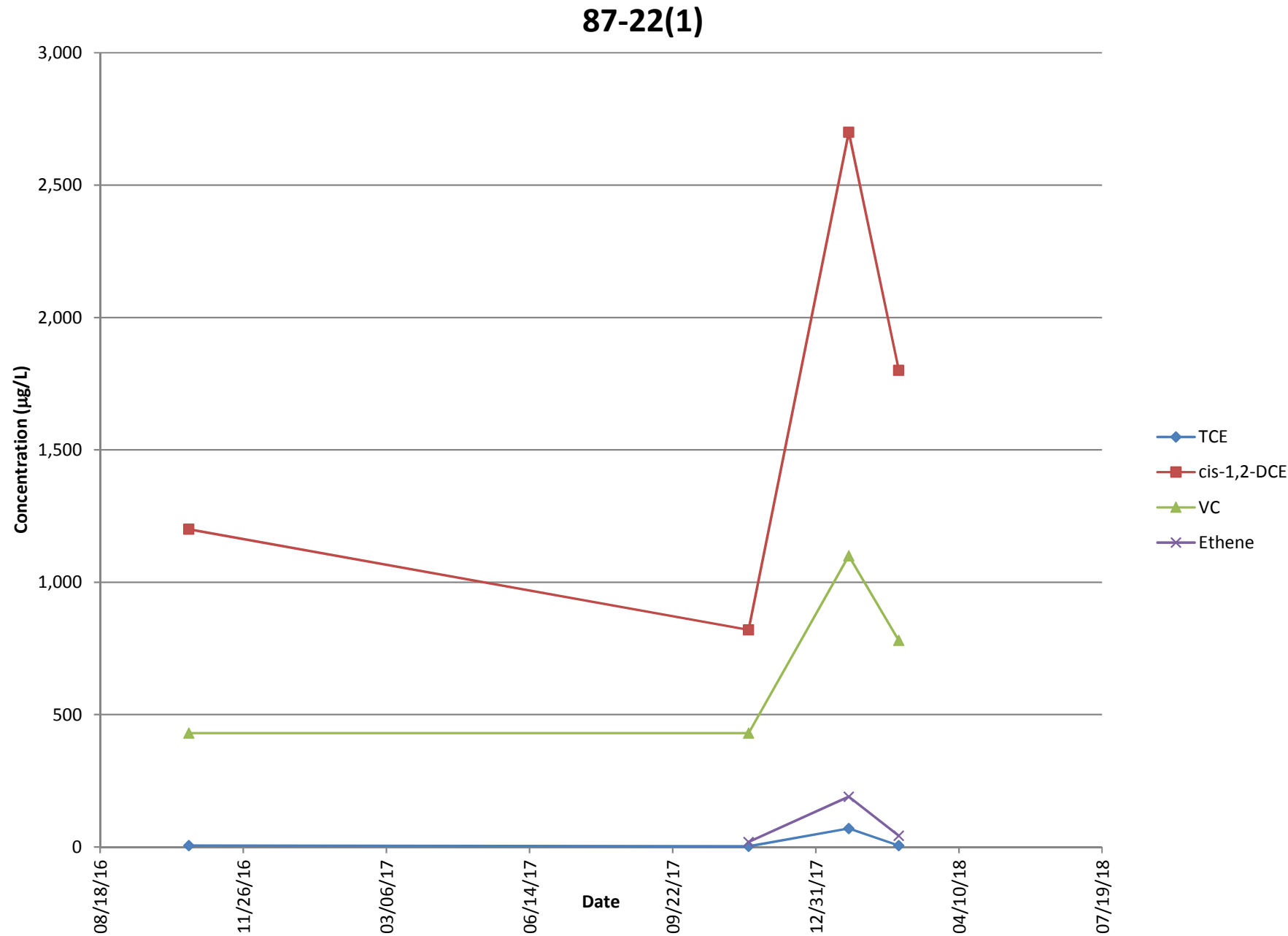
Graph 12
87-17(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



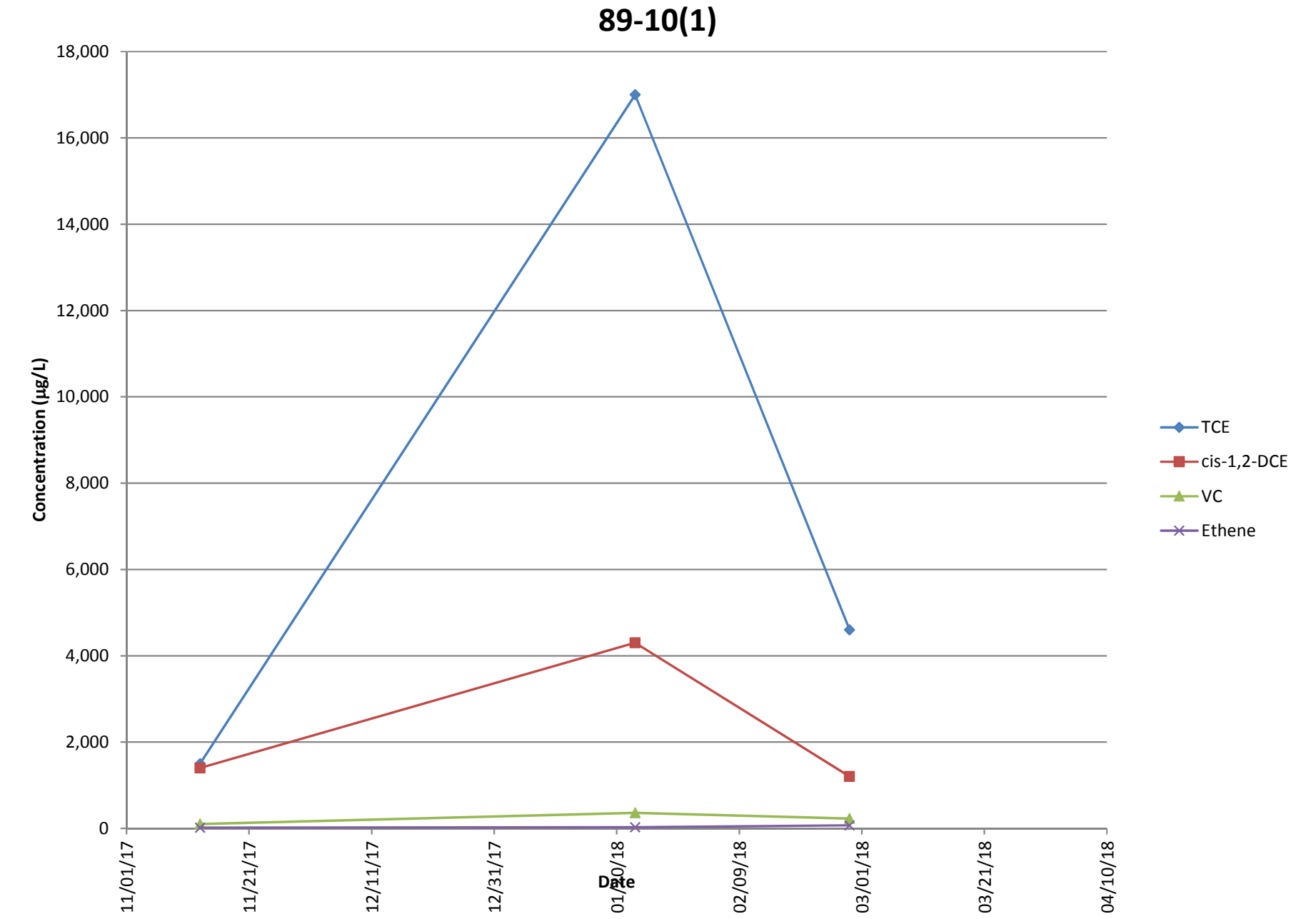
Graph 13
87-20(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



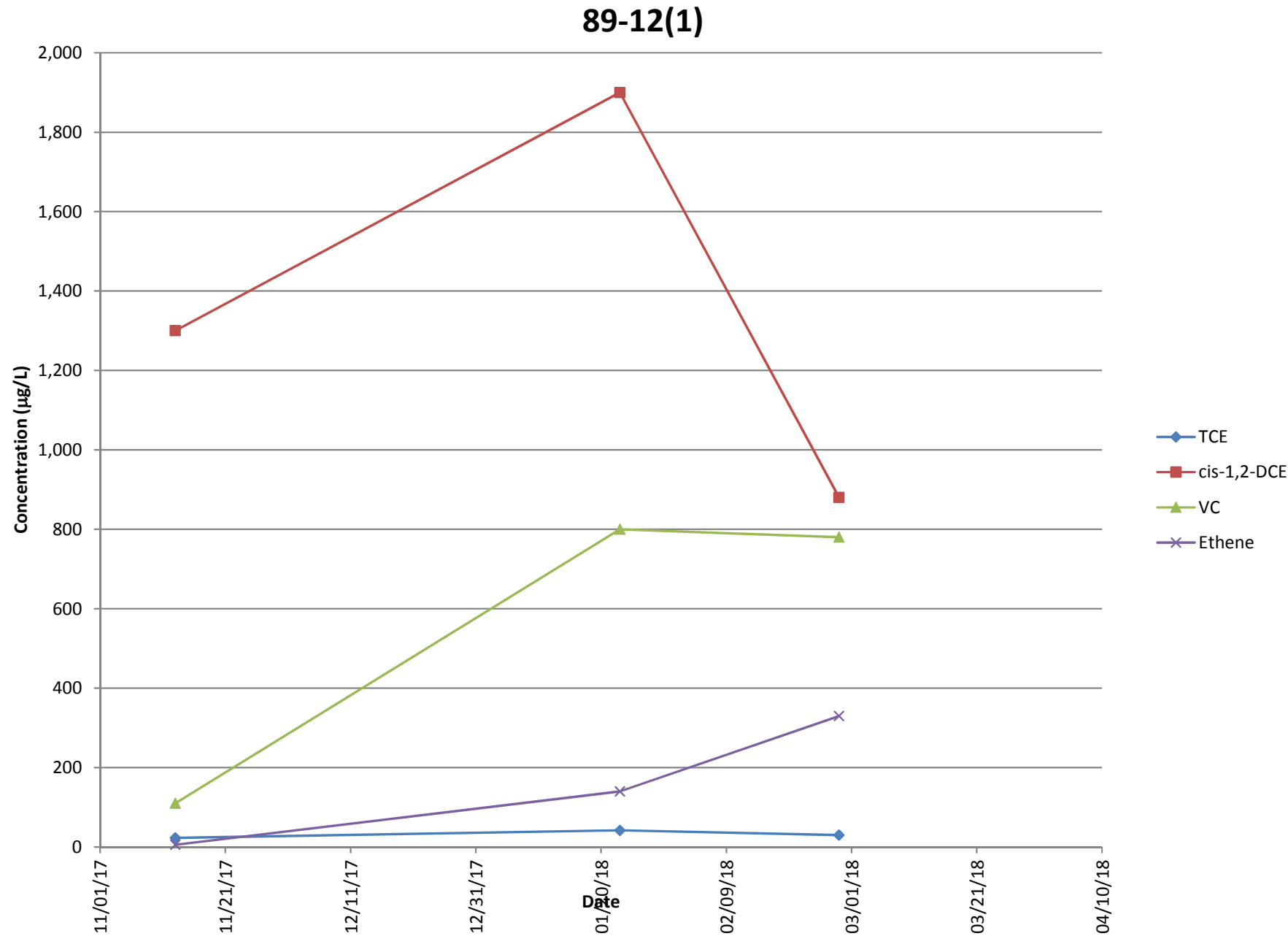
Graph 14
87-22(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



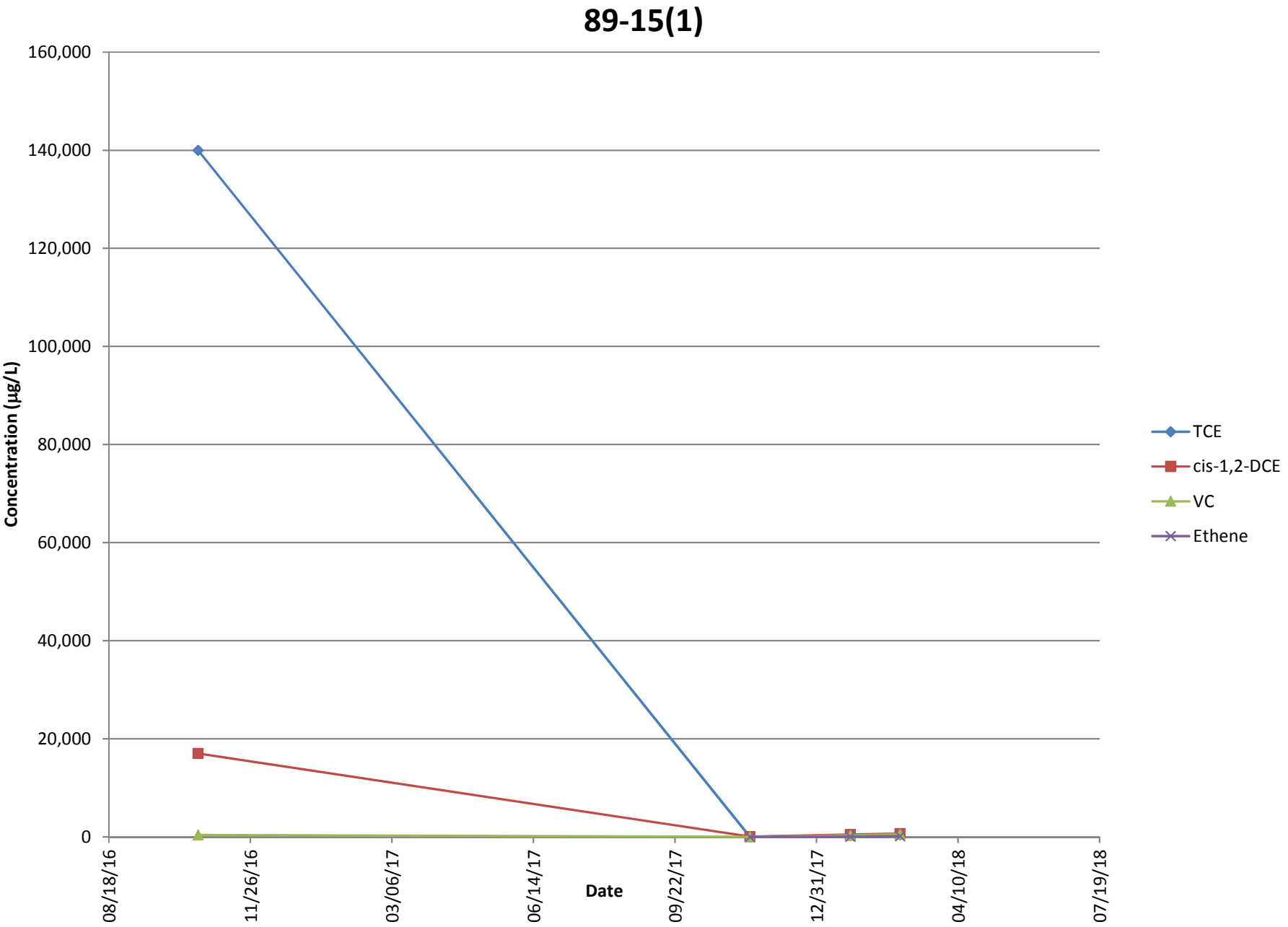
Graph 15
89-10(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



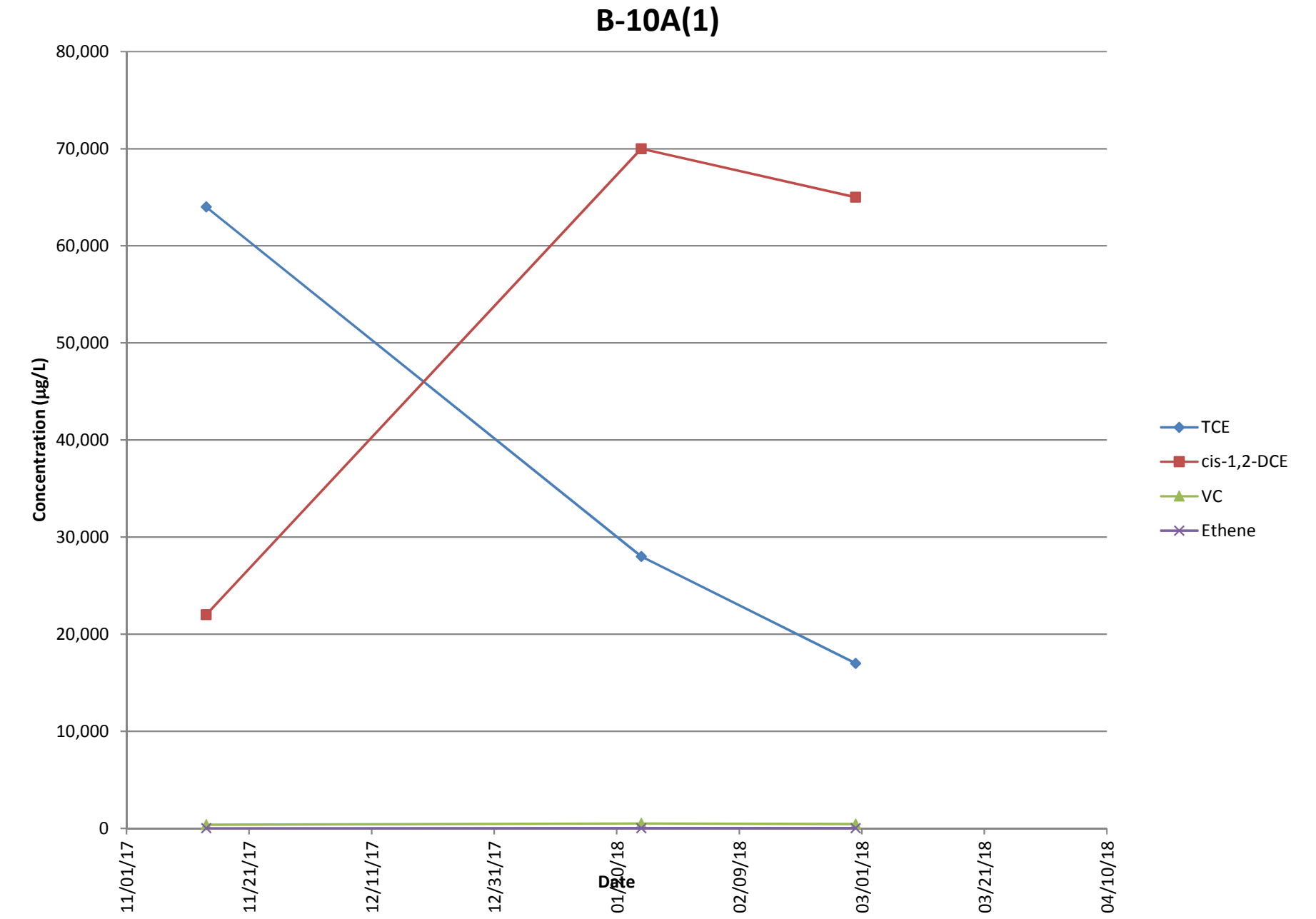
Graph 16
89-12(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



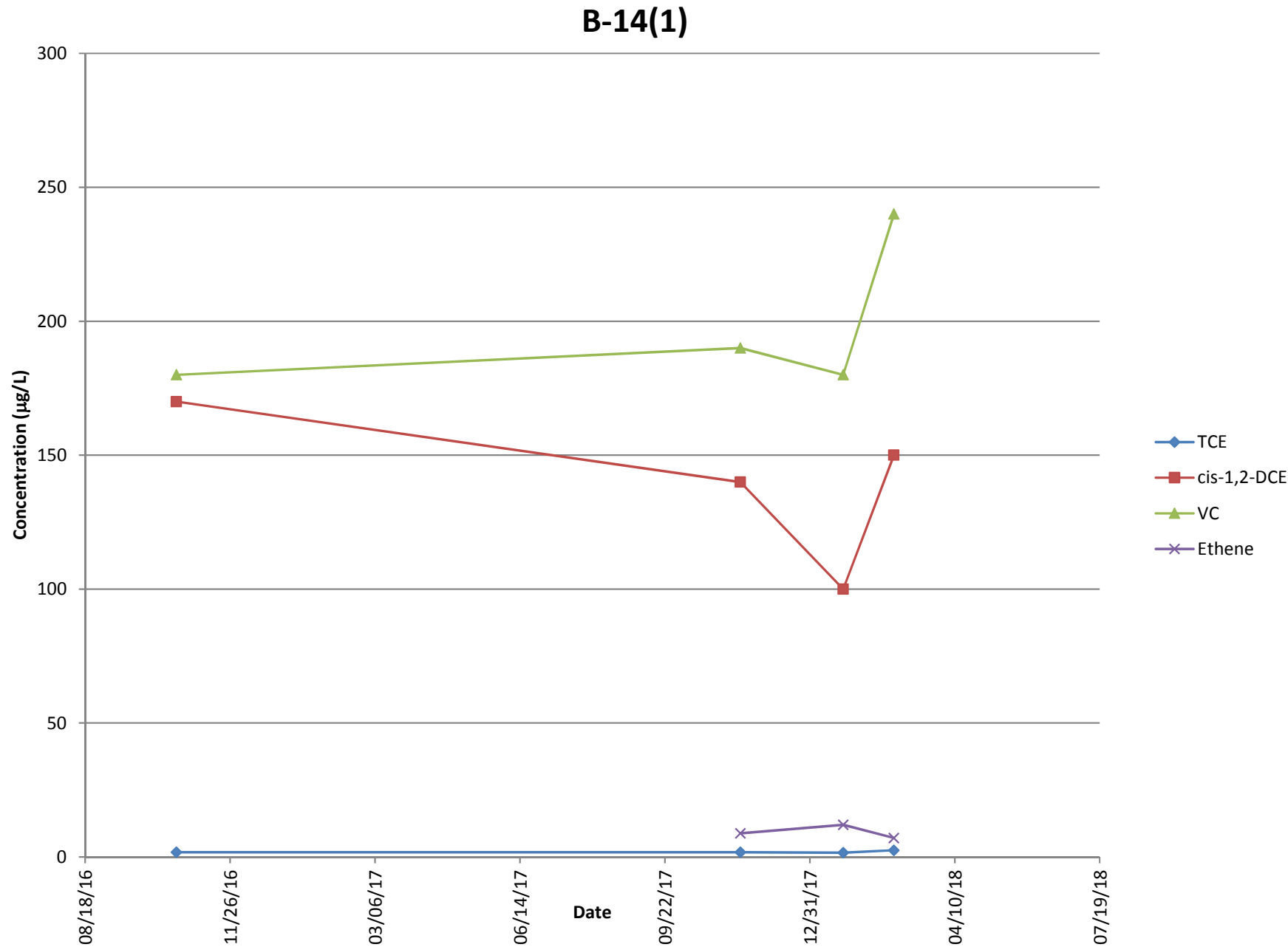
Graph 17
89-15(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



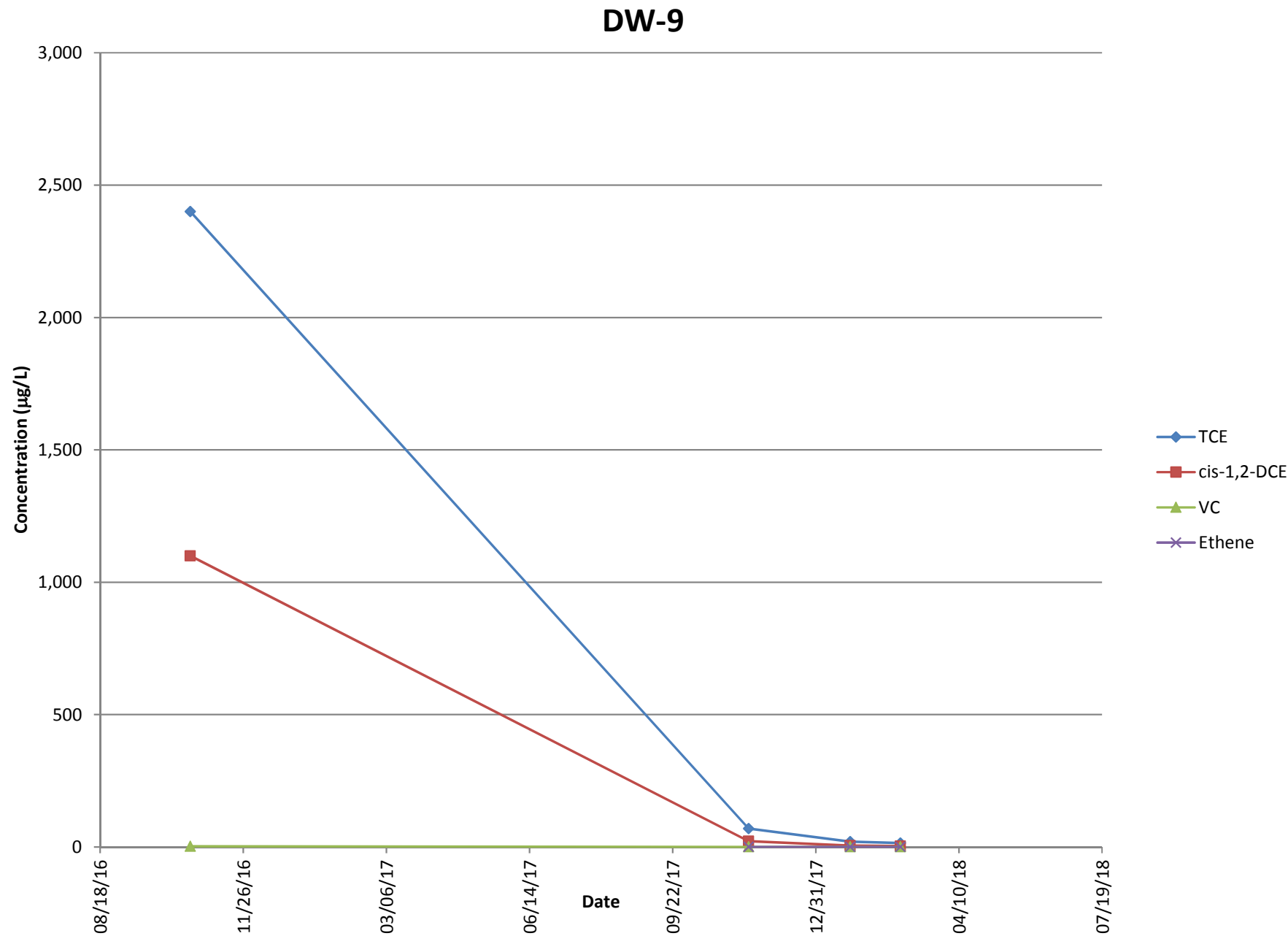
Graph 18
B-10A(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



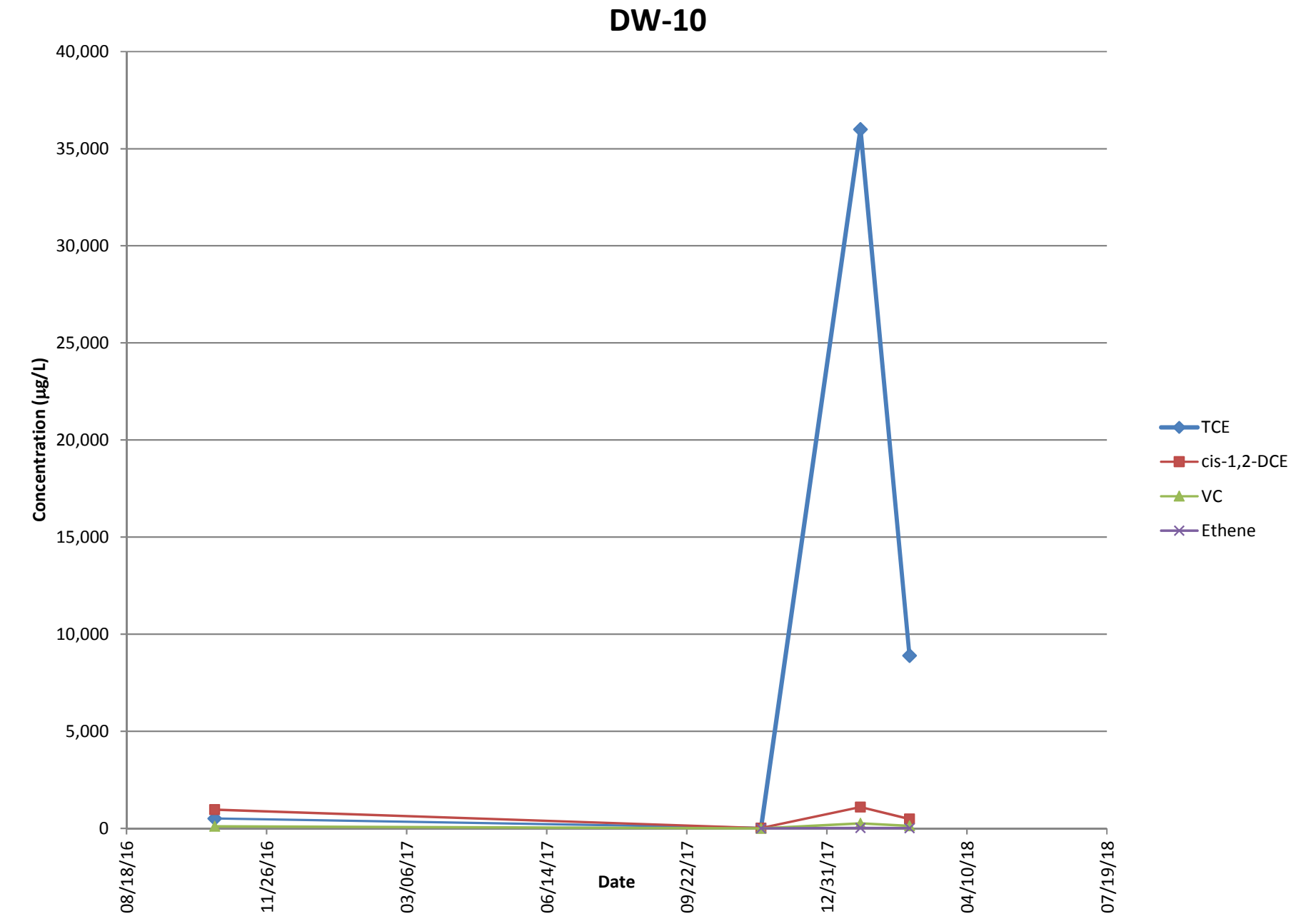
Graph 19
B-14(1) Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



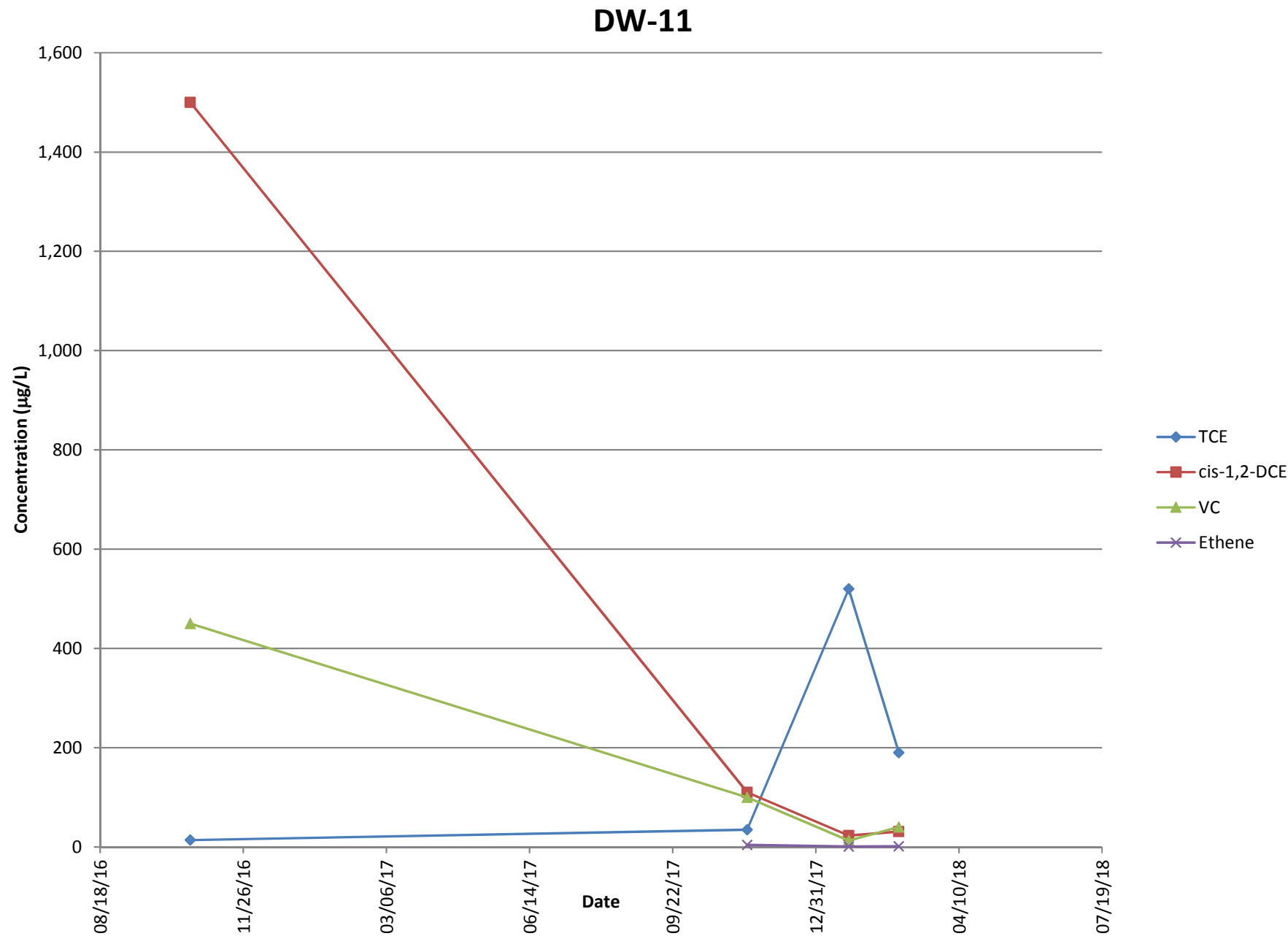
Graph 20
DW-9 Groundwater Concentration Trend
Former Bell Aerospace Textron Wheatfield, New York



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

