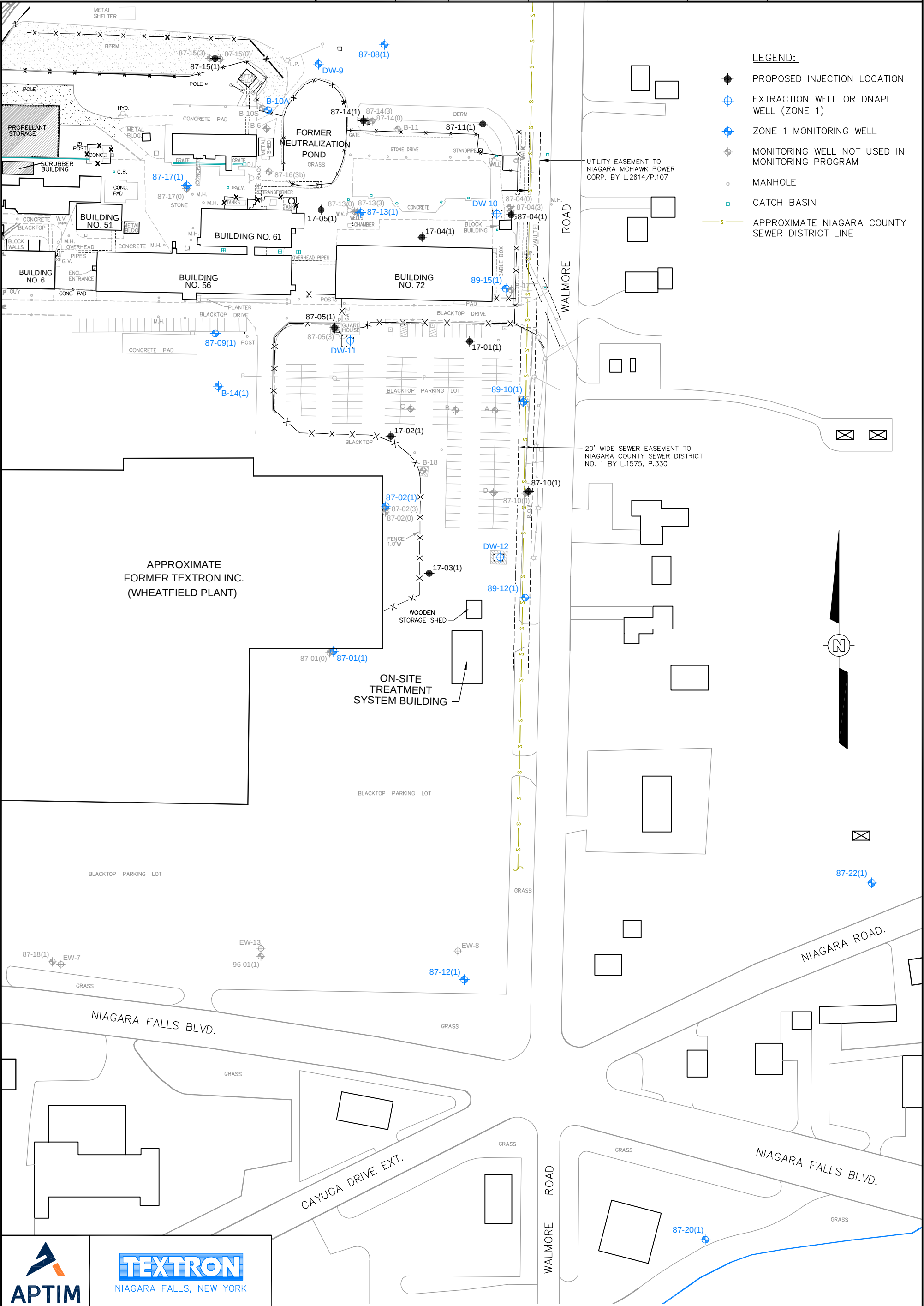


OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
Pittsburgh, PA	5/15/17	--	E. Schlegel	C. Byers	--	156045-B10





NIAGARA FALLS, NEW YORK

FIGURE 4

PROPOSED GROUNDWATER MONITORING NETWORK

2221 NIAGARA FALLS BOULEVARD
NIAGARA FALLS, NEW YORK

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		587.99		589.21		589.48		588.13		583.84		590.06
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.
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		589.62		579.01		583.97		587.17		586.62		588.76
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 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	579.03	12.38	566.63	2.00	581.97	6.54	580.63	5.12	581.50	3.13	585.63
February-18		589.62		579.01		583.97		587.17		586.62		588.76
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					
87-01(1)	Temperature (°C)	14.63	13.54					
	Conductivity (mS/cm)	2.39	2.232					
	Dissolved Oxygen (mg/L)	2.56	2.01					
	pH (standard units)	7.26	6.7					
	Oxidation-Reduction Potential (mV)	-101	-216.9					
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018					
87-02(1)	Temperature (°C)	14.68	11.00					
	Conductivity (mS/cm)	1.772	2.471					
	Dissolved Oxygen (mg/L)	2.78	3.11					
	pH (standard units)	7.31	6.62					
	Oxidation-Reduction Potential (mV)	-21.0	-51					
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
87-08(1)	Temperature (°C)	11.8	8.66					
	Conductivity (mS/cm)	1.350	0.965					
	Dissolved Oxygen (mg/L)	0.61	3.41					
	pH (standard units)	7.46	7.2					
	Oxidation-Reduction Potential (mV)	-51.8	-105.9					
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018					
87-09(1)	Temperature (°C)	14.05	11.37					
	Conductivity (mS/cm)	2.422	2.091					
	Dissolved Oxygen (mg/L)	2.75	3.1					
	pH (standard units)	7.20	7.3					
	Oxidation-Reduction Potential (mV)	-91.0	-174.5					
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018					
87-12(1)	Temperature (°C)	14.90	11.66					
	Conductivity (mS/cm)	2.459	2.360					
	Dissolved Oxygen (mg/L)	1.59	1.43					
	pH (standard units)	6.85	7.13					
	Oxidation-Reduction Potential (mV)	-71.3	-292.2					

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					
87-13(1)	Temperature (°C)	1.32	10.78					
	Conductivity (mS/cm)	1.321	2.725					
	Dissolved Oxygen (mg/L)	0.79	0.54					
	pH (standard units)	7.21	6.65					
	Oxidation-Reduction Potential (mV)	-62.0	-245.8					
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
87-17(1)	Temperature (°C)	13.56	10.35					
	Conductivity (mS/cm)	2.568	2.184					
	Dissolved Oxygen (mg/L)	4.02	2.48					
	pH (standard units)	7.26	7.12					
	Oxidation-Reduction Potential (mV)	-91.0	-140.0					
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018					
87-20(1)	Temperature (°C)	13.95	11.68					
	Conductivity (mS/cm)	1.953	2.285					
	Dissolved Oxygen (mg/L)	0.47	2.79					
	pH (standard units)	7.31	7.07					
	Oxidation-Reduction Potential (mV)	-39.0	-258.1					
Well ID	Field Parameters / Sample Date	11/14/2017	1/23/2018					
87-22(1)	Temperature (°C)	11.33	9.74					
	Conductivity (mS/cm)	2.414	2.365					
	Dissolved Oxygen (mg/L)	4.12	3.59					
	pH (standard units)	7.08	7.11					
	Oxidation-Reduction Potential (mV)	-81.0	-172.1					
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018					
89-10(1)	Temperature (°C)	14.23	11.48					
	Conductivity (mS/cm)	1.964	3.017					
	Dissolved Oxygen (mg/L)	1.93	1.17					
	pH (standard units)	7.29	6.85					
	Oxidation-Reduction Potential (mV)	-73.2	-293.4					

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					
89-12(1)	Temperature (°C)	13.61	11.52					
	Conductivity (mS/cm)	1.773	2.732					
	Dissolved Oxygen (mg/L)	2.71	2.01					
	pH (standard units)	7.37	7.20					
	Oxidation-Reduction Potential (mV)	-35.3	-291.7					
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
89-15(1)	Temperature (°C)	14.24	10.46					
	Conductivity (mS/cm)	1.545	1.211					
	Dissolved Oxygen (mg/L)	1.74	0.68					
	pH (standard units)	7.39	6.74					
	Oxidation-Reduction Potential (mV)	-20.3	-153.8					
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
B-10A(1)	Temperature (°C)	10.94	7.10					
	Conductivity (mS/cm)	0.739	1.182					
	Dissolved Oxygen (mg/L)	6.59	3.32					
	pH (standard units)	8.55	7.64					
	Oxidation-Reduction Potential (mV)	-113.8	-96.2					
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018					
B-14(1)	Temperature (°C)	12.42	9.67					
	Conductivity (mS/cm)	2.422	2.101					
	Dissolved Oxygen (mg/L)	3.40	3.85					
	pH (standard units)	7.26	7.27					
	Oxidation-Reduction Potential (mV)	-92.9	-176.1					
Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
DW-9	Temperature (°C)	NM	2.83					
	Conductivity (mS/cm)	NM	0.531					
	Dissolved Oxygen (mg/L)	NM	0.54					
	pH (standard units)	NM	7.58					
	Oxidation-Reduction Potential (mV)	NM	40.3					

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

Well ID	Field Parameters / Sample Date	11/14/2017	1/24/2018					
DW-10	Temperature (°C)	13.65	8.53					
	Conductivity (mS/cm)	0.420	0.593					
	Dissolved Oxygen (mg/L)	8.76	1.30					
	pH (standard units)	8.39	7.32					
	Oxidation-Reduction Potential (mV)	34.2	-17.0					
Well ID	Field Parameters / Sample Date	11/13/2017	1/23/2018					
DW-11	Temperature (°C)	15.42	6.3					
	Conductivity (mS/cm)	2.219	1.089					
	Dissolved Oxygen (mg/L)	NM	3.45					
	pH (standard units)	8.04	7.78					
	Oxidation-Reduction Potential (mV)	NM	-185.7					
Well ID	Field Parameters / Sample Date	11/13/2017	1/24/2018					
DW-12	Temperature (°C)	15.64	4.58					
	Conductivity (mS/cm)	0.697	3.443					
	Dissolved Oxygen (mg/L)	NM	8.95					
	pH (standard units)	8.05	7.50					
	Oxidation-Reduction Potential (mV)	NM	-12.6					

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)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.0 U	10 U					
Vinyl chloride	330	320					
Chloroethane	5.0 U	10 U					
Bromomethane	5.0 U	10 U					
1,1-Dichloroethene	7.0	10 U					
Acetone	6.5 J	10 U					
Carbon disulfide	5.0 U	10 U					
Methylene chloride	16	16					
trans-1,2-Dichloroethene	6.4	5.2 J					
1,1-Dichloroethane	21	15					
cis-1,2-Dichloroethene	1,600 D	1,200					
2-Butanone	25 U	50 U					
Chloroform	5.0 U	10 U					
1,1,1-Trichloroethane	72	22					
Carbon tetrachloride	5.0 U	10 U					
Benzene	5.0 U	10 U					
1,2-Dichloroethane	5.0 U	10 U					
Trichloroethene	54	23					
1,2-Dichloropropane	5.0 U	10 U					
Bromodichloromethane	5.0 U	10 U					
cis-1,3-Dichloropropene	5.0 U	10 U					
4-Methyl-2-pentanone	25 U	50 U					
Toluene	5.0 U	10 U					
trans-1,3-Dichloropropene	5.0 U	10 U					
1,1,2-Trichloroethane	5.0 U	10 U					
Tetrachloroethene	5.0 U	10 U					
2-Hexanone	25 U	50 U					
Dibromochloromethane	5.0 U	10 U					
Chlorobenzene	5.0 U	10 U					
Ethylbenzene	5.0 U	10 U					
m/p-Xylenes	10 U	20 U					
o-Xylene	5.0 U	10 U					
Styrene	5.0 U	10 U					
Bromoform	5.0 U	10 U					
1,1,2,2-Tetrachloroethane	5.0 U	10 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.51	0.40					
Chloride (mg/L)	142	406					
Total organic carbon (mg/L)	3.2	111					
Sulfate (mg/L)	875	205					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	84	27					
Ethane (µg/L)	1.8	1.1					
Ethene (µg/L)	15	24					
Carbon dioxide (mg/L)	308	554					
Alkalinity, Total as CaCO3 (mg/L)	280	433					
Bicarbonate Alkalinity as CaCO3 (mg/L)	280	433					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	2.0 U					
Acetic acid	1.0 U	210					
Propionic acid	1.0 U	16					
Butyric acid	2.0 U	4.3					
Pyruvic acid	0.50 U	1.0 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)	11/13/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.0 U	25 U					
Vinyl chloride	160	210					
Chloroethane	5.0 U	25 U					
Bromomethane	5.0 U	25 U					
1,1-Dichloroethene	5.0 U	25 U					
Acetone	25 U	130 U					
Carbon disulfide	5.0 U	25 U					
Methylene chloride	3,000 D	800					
trans-1,2-Dichloroethene	6.0	10 J					
1,1-Dichloroethane	15	19 J					
cis-1,2-Dichloroethene	1,700 D	3,400					
2-Butanone	25 U	130 U					
Chloroform	4.2 J	25 U					
1,1,1-Trichloroethane	55	31					
Carbon tetrachloride	5.0 U	25 U					
Benzene	5.0 U	25 U					
1,2-Dichloroethane	5.0 U	25 U					
Trichloroethene	690	350					
1,2-Dichloropropane	5.0 U	25 U					
Bromodichloromethane	5.0 U	25 U					
cis-1,3-Dichloropropene	5.0 U	25 U					
4-Methyl-2-pentanone	25 U	130 U					
Toluene	5.0 U	25 U					
trans-1,3-Dichloropropene	5.0 U	25 U					
1,1,2-Trichloroethane	5.0 U	25 U					
Tetrachloroethene	5.0 U	25 U					
2-Hexanone	25 U	130 U					
Dibromochloromethane	5.0 U	25 U					
Chlorobenzene	5.0 U	25 U					
Ethylbenzene	5.0 U	25 U					
m/p-Xylenes	10 U	50 U					
o-Xylene	5.0 U	25 U					
Styrene	5.0 U	25 U					
Bromoform	5.0 U	25 U					
1,1,2,2-Tetrachloroethane	5.0 U	25 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	54.6					
Chloride (mg/L)	177	477					
Total organic carbon (mg/L)	2.9	241					
Sulfate (mg/L)	394	63.1					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	65	63					
Ethane (µg/L)	1.0 U	1.8					
Ethene (µg/L)	9.8	20					
Carbon dioxide (mg/L)	298	764					
Alkalinity, Total as CaCO3 (mg/L)	290	562					
Bicarbonate Alkalinity as CaCO3 (mg/L)	290	562					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	2.5 U					
Acetic acid	1.0 U	350					
Propionic acid	1.0 U	71					
Butyric acid	2.0 U	43					
Pyruvic acid	0.50 U	1.3 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)	87-08(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	2.5 U	5.0 U					
Vinyl chloride	190	500					
Chloroethane	2.5 U	5.0 U					
Bromomethane	2.5 U	5.0 U					
1,1-Dichloroethene	4.2	4.2 J					
Acetone	4.5 J	9.3 J					
Carbon disulfide	2.5 U	12					
Methylene chloride	2.5 U	14					
trans-1,2-Dichloroethene	3.4	3.9 J					
1,1-Dichloroethane	4.7	6.4					
cis-1,2-Dichloroethene	720 D	780					
2-Butanone	13 U	25 U					
Chloroform	2.5 U	5.0 U					
1,1,1-Trichloroethane	2.6	3.5 J					
Carbon tetrachloride	2.5 U	5.0 U					
Benzene	2.5 U	5.0 U					
1,2-Dichloroethane	2.5 U	5.0 U					
Trichloroethene	7.0	39					
1,2-Dichloropropane	2.5 U	5.0 U					
Bromodichloromethane	2.5 U	5.0 U					
cis-1,3-Dichloropropene	2.5 U	5.0 U					
4-Methyl-2-pentanone	13 U	25 U					
Toluene	2.5 U	5.0 U					
trans-1,3-Dichloropropene	2.5 U	5.0 U					
1,1,2-Trichloroethane	2.5 U	5.0 U					
Tetrachloroethene	2.5 U	5.0 U					
2-Hexanone	13 U	25 U					
Dibromochloromethane	2.5 U	5.0 U					
Chlorobenzene	2.5 U	5.0 U					
Ethylbenzene	2.5 U	5.0 U					
m/p-Xylenes	5.0 U	10 U					
o-Xylene	2.5 U	5.0 U					
Styrene	2.5 U	5.0 U					
Bromoform	2.5 U	5.0 U					
1,1,2,2-Tetrachloroethane	2.5 U	5.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.26	0.10 U					
Chloride (mg/L)	23.2	13.5					
Total organic carbon (mg/L)	3.6	50.5					
Sulfate (mg/L)	348	122					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	23	15					
Ethane (µg/L)	1.0 U	1.0 U					
Ethene (µg/L)	20	69					
Carbon dioxide (mg/L)	389	433					
Alkalinity, Total as CaCO3 (mg/L)	389	431					
Bicarbonate Alkalinity as CaCO3 (mg/L)	389	431					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	96					
Propionic acid	1.0 U	7.0					
Butyric acid	2.0 U	1.0 U					
Pyruvic acid	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)	87-09(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	2.0 U	2.0 U					
Vinyl chloride	210	200					
Chloroethane	2.0 U	2.0 U					
Bromomethane	2.0 U	2.0 U					
1,1-Dichloroethene	2.1	1.4 J					
Acetone	10 U	2.5 J					
Carbon disulfide	0.61 J	2.2					
Methylene chloride	2.0 U	2.0 U					
trans-1,2-Dichloroethene	2.1	1.6 J					
1,1-Dichloroethane	20	17					
cis-1,2-Dichloroethene	170	130					
2-Butanone	10 U	10 U					
Chloroform	2.0 U	2.0 U					
1,1,1-Trichloroethane	110	79					
Carbon tetrachloride	2.0 U	2.0 U					
Benzene	2.0 U	2.0 U					
1,2-Dichloroethane	2.0 U	2.0 U					
Trichloroethene	2.2	2.1					
1,2-Dichloropropane	2.0 U	2.0 U					
Bromodichloromethane	2.0 U	2.0 U					
cis-1,3-Dichloropropene	2.0 U	2.0 U					
4-Methyl-2-pentanone	10 U	10 U					
Toluene	2.0 U	2.0 U					
trans-1,3-Dichloropropene	2.0 U	2.0 U					
1,1,2-Trichloroethane	2.0 U	2.0 U					
Tetrachloroethene	2.0 U	2.0 U					
2-Hexanone	10 U	10 U					
Dibromochloromethane	2.0 U	2.0 U					
Chlorobenzene	2.0 U	2.0 U					
Ethylbenzene	2.0 U	2.0 U					
m/p-Xylenes	4.0 U	4.0 U					
o-Xylene	2.0 U	2.0 U					
Styrene	2.0 U	2.0 U					
Bromoform	2.0 U	2.0 U					
1,1,2,2-Tetrachloroethane	2.0 U	2.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	134	116					
Total organic carbon (mg/L)	3.3	3.4					
Sulfate (mg/L)	972	991					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	84	64					
Ethane (µg/L)	1.4	1.6					
Ethene (µg/L)	10	11					
Carbon dioxide (mg/L)	307	281					
Alkalinity, Total as CaCO3 (mg/L)	307	287					
Bicarbonate Alkalinity as CaCO3 (mg/L)	307	287					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	87-12(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.2 J	10 U					
Vinyl chloride	2,300	1,400					
Chloroethane	20 U	10 U					
Bromomethane	6.2 J	10 U					
1,1-Dichloroethene	20 U	10 U					
Acetone	100 U	50 U					
Carbon disulfide	20 U	31					
Methylene chloride	20 U	84					
trans-1,2-Dichloroethene	12 J	7.3 J					
1,1-Dichloroethane	29	24					
cis-1,2-Dichloroethene	3,000	970					
2-Butanone	100 U	50 U					
Chloroform	20 U	10 U					
1,1,1-Trichloroethane	32	29					
Carbon tetrachloride	20 U	10 U					
Benzene	20 U	10 U					
1,2-Dichloroethane	20 U	10 U					
Trichloroethene	18 J	17					
1,2-Dichloropropane	20 U	10 U					
Bromodichloromethane	20 U	10 U					
cis-1,3-Dichloropropene	20 U	10 U					
4-Methyl-2-pentanone	100 U	50 U					
Toluene	20 U	10 U					
trans-1,3-Dichloropropene	20 U	10 U					
1,1,2-Trichloroethane	20 U	10 U					
Tetrachloroethene	20 U	10 U					
2-Hexanone	100 U	50 U					
Dibromochloromethane	20 U	10 U					
Chlorobenzene	20 U	10 U					
Ethylbenzene	20 U	10 U					
m/p-Xylenes	40 U	20 U					
o-Xylene	20 U	10 U					
Styrene	20 U	10 U					
Bromoform	20 U	10 U					
1,1,2,2-Tetrachloroethane	20 U	10 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	154	329					
Total organic carbon (mg/L)	3.0	10.1					
Sulfate (mg/L)	954	550					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	54	47					
Ethane (µg/L)	4.2	3.6					
Ethene (µg/L)	42	310					
Carbon dioxide (mg/L)	276	479					
Alkalinity, Total as CaCO3 (mg/L)	260	466					
Bicarbonate Alkalinity as CaCO3 (mg/L)	260	466					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	13					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	87-13(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	46 J	200 U					
Vinyl chloride	1,300	1,600					
Chloroethane	200 U	200 U					
Bromomethane	200 U	200 U					
1,1-Dichloroethene	120 J	210.0					
Acetone	1,000 U	1,000 U					
Carbon disulfide	200 U	200 U					
Methylene chloride	3,500	17,000					
trans-1,2-Dichloroethene	200 U	200 U					
1,1-Dichloroethane	130 J	280					
cis-1,2-Dichloroethene	19,000	36,000					
2-Butanone	1,000 U	1,000 U					
Chloroform	200 U	200 U					
1,1,1-Trichloroethane	1,100	3,300					
Carbon tetrachloride	200 U	200 U					
Benzene	200 U	200 U					
1,2-Dichloroethane	200 U	200 U					
Trichloroethene	17000	120,000 D					
1,2-Dichloropropane	200 U	200 U					
Bromodichloromethane	200 U	200 U					
cis-1,3-Dichloropropene	200 U	200 U					
4-Methyl-2-pentanone	1,000 U	1,000 U					
Toluene	200 U	160 J					
trans-1,3-Dichloropropene	200 U	200 U					
1,1,2-Trichloroethane	200 U	200 U					
Tetrachloroethene	200 U	310					
2-Hexanone	1,000 U	1,000 U					
Dibromochloromethane	200 U	200 U					
Chlorobenzene	200 U	200 U					
Ethylbenzene	200 U	200 U					
m/p-Xylenes	400 U	400 U					
o-Xylene	200 U	200 U					
Styrene	200 U	200 U					
Bromoform	200 U	200 U					
1,1,2,2-Tetrachloroethane	200 U	200 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.24	3.1					
Chloride (mg/L)	233	287					
Total organic carbon (mg/L)	3.2	10.7					
Sulfate (mg/L)	785	451					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	520 D	130					
Ethane (µg/L)	3.9	6.3					
Ethene (µg/L)	150 D	110					
Carbon dioxide (mg/L)	351	1,220					
Alkalinity, Total as CaCO3 (mg/L)	340	922					
Bicarbonate Alkalinity as CaCO3 (mg/L)	340	922					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	20					
Acetic acid	1.0 U	550					
Propionic acid	1.0 U	78					
Butyric acid	2.0 U	12					
Pyruvic acid	0.50 U	2.5 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)	87-17(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	1.0 U	2.0 U					
Vinyl chloride	280 D	320					
Chloroethane	1.0 U	2.0 U					
Bromomethane	1.0 U	2.0 U					
1,1-Dichloroethene	1.5	1.4 J					
Acetone	1.8 J	10 U					
Carbon disulfide	1.4	1.4 J					
Methylene chloride	1.0 U	2.0 U					
trans-1,2-Dichloroethene	2.2	2.3					
1,1-Dichloroethane	26	23					
cis-1,2-Dichloroethene	130	110					
2-Butanone	5.0 U	10 U					
Chloroform	1.0 U	2.0 U					
1,1,1-Trichloroethane	110	100					
Carbon tetrachloride	1.0 U	2.0 U					
Benzene	1.0 U	2.0 U					
1,2-Dichloroethane	1.0 U	2.0 U					
Trichloroethene	2.7	2.7					
1,2-Dichloropropane	1.0 U	2.0 U					
Bromodichloromethane	1.0 U	2.0 U					
cis-1,3-Dichloropropene	1.0 U	2.0 U					
4-Methyl-2-pentanone	5.0 U	10 U					
Toluene	1.0 U	2.0 U					
trans-1,3-Dichloropropene	1.0 U	2.0 U					
1,1,2-Trichloroethane	1.0 U	2.0 U					
Tetrachloroethene	1.0 U	2.0 U					
2-Hexanone	5.0 U	10 U					
Dibromochloromethane	1.0 U	2.0 U					
Chlorobenzene	1.0 U	2.0 U					
Ethylbenzene	1.0 U	2.0 U					
m/p-Xylenes	2.0 U	4.0 U					
o-Xylene	1.0 U	2.0 U					
Styrene	1.0 U	2.0 U					
Bromoform	1.0 U	2.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	2.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.12	0.13					
Chloride (mg/L)	128	124					
Total organic carbon (mg/L)	3.7	4.7					
Sulfate (mg/L)	1,010	1,030					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	100	66					
Ethane (µg/L)	1.3	1.2					
Ethene (µg/L)	12	11					
Carbon dioxide (mg/L)	305	300					
Alkalinity, Total as CaCO3 (mg/L)	304	291					
Bicarbonate Alkalinity as CaCO3 (mg/L)	304	291					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	87-20(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	25 U	50 U					
Vinyl chloride	760	1,600					
Chloroethane	25 U	50 U					
Bromomethane	9.0 J	50 U					
1,1-Dichloroethene	25 U	50 U					
Acetone	130 U	250 U					
Carbon disulfide	25 U	50 U					
Methylene chloride	25 U	50 U					
trans-1,2-Dichloroethene	17 J	50 U					
1,1-Dichloroethane	13 J	16 J					
cis-1,2-Dichloroethene	6,200 D	4,800					
2-Butanone	130 U	250 U					
Chloroform	25 U	50 U					
1,1,1-Trichloroethane	26	21 J					
Carbon tetrachloride	25 U	50 U					
Benzene	25 U	50 U					
1,2-Dichloroethane	25 U	50 U					
Trichloroethene	34	39 J					
1,2-Dichloropropane	25 U	50 U					
Bromodichloromethane	25 U	50 U					
cis-1,3-Dichloropropene	25 U	50 U					
4-Methyl-2-pentanone	130 U	250 U					
Toluene	25 U	50 U					
trans-1,3-Dichloropropene	25 U	50 U					
1,1,2-Trichloroethane	25 U	50 U					
Tetrachloroethene	25 U	50 U					
2-Hexanone	130 U	250 U					
Dibromochloromethane	25 U	50 U					
Chlorobenzene	25 U	50 U					
Ethylbenzene	25 U	50 U					
m/p-Xylenes	50 U	100 U					
o-Xylene	25 U	50 U					
Styrene	25 U	50 U					
Bromoform	25 U	50 U					
1,1,2,2-Tetrachloroethane	25 U	50 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.14					
Chloride (mg/L)	108	217					
Total organic carbon (mg/L)	2.5	70.1					
Sulfate (mg/L)	735	779					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	32	48					
Ethane (µg/L)	2.2	2.4					
Ethene (µg/L)	17	81					
Carbon dioxide (mg/L)	201	394					
Alkalinity, Total as CaCO3 (mg/L)	221	375					
Bicarbonate Alkalinity as CaCO3 (mg/L)	221	375					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	140					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	0.50 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)	87-22(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.0 U	25 U					
Vinyl chloride	430	1,100 D					
Chloroethane	5.0 U	25 U					
Bromomethane	5.0 U	25 U					
1,1-Dichloroethene	5.0 U	25 U					
Acetone	25 U	130 U					
Carbon disulfide	5.0 U	25 U					
Methylene chloride	5.0 U	25 U					
trans-1,2-Dichloroethene	4.3 J	12 D,J					
1,1-Dichloroethane	4.6 J	9.3 D,J					
cis-1,2-Dichloroethene	820	2,700 D					
2-Butanone	25 U	130 U					
Chloroform	5.0 U	25 U					
1,1,1-Trichloroethane	5.0 U	25 U					
Carbon tetrachloride	5.0 U	25 U					
Benzene	5.0 U	25 U					
1,2-Dichloroethane	5.0 U	25 U					
Trichloroethene	2.6 J	70 D					
1,2-Dichloropropane	5.0 U	25 U					
Bromodichloromethane	5.0 U	25 U					
cis-1,3-Dichloropropene	5.0 U	25 U					
4-Methyl-2-pentanone	25 U	130 U					
Toluene	5.0 U	25 U					
trans-1,3-Dichloropropene	5.0 U	25 U					
1,1,2-Trichloroethane	5.0 U	25 U					
Tetrachloroethene	5.0 U	25 U					
2-Hexanone	25 U	130 U					
Dibromochloromethane	5.0 U	25 U					
Chlorobenzene	5.0 U	25 U					
Ethylbenzene	5.0 U	25 U					
m/p-Xylenes	10 U	50 U					
o-Xylene	5.0 U	25 U					
Styrene	5.0 U	25 U					
Bromoform	5.0 U	25 U					
1,1,2,2-Tetrachloroethane	5.0 U	25 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	97.5	119					
Total organic carbon (mg/L)	4.9	4.9					
Sulfate (mg/L)	940	1,230					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	79	190					
Ethane (µg/L)	2.4	5.7					
Ethene (µg/L)	19	190					
Carbon dioxide (mg/L)	482	391					
Alkalinity, Total as CaCO3 (mg/L)	428	378					
Bicarbonate Alkalinity as CaCO3 (mg/L)	428	378					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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.
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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)	89-10(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.0 U	10 U					
Vinyl chloride	100	360					
Chloroethane	5.0 U	10 U					
Bromomethane	5.0 U	10 U					
1,1-Dichloroethene	5.1	20					
Acetone	25 U	50 U					
Carbon disulfide	1.3 J	63					
Methylene chloride	660	3,700 D					
trans-1,2-Dichloroethene	3.5 J	12					
1,1-Dichloroethane	5.9	29					
cis-1,2-Dichloroethene	1,400 D	4,300 D					
2-Butanone	25 U	50 U					
Chloroform	2.5 J	10 U					
1,1,1-Trichloroethane	9.4	85					
Carbon tetrachloride	5.0 U	10 U					
Benzene	5.0 U	10 U					
1,2-Dichloroethane	5.0 U	10 U					
Trichloroethene	1,500 D	17,000 D					
1,2-Dichloropropane	5.0 U	10 U					
Bromodichloromethane	5.0 U	10 U					
cis-1,3-Dichloropropene	5.0 U	10 U					
4-Methyl-2-pentanone	25 U	50 U					
Toluene	5.0 U	8.4 J					
trans-1,3-Dichloropropene	5.0 U	10 U					
1,1,2-Trichloroethane	5.0 U	10 U					
Tetrachloroethene	5.0 U	10 U					
2-Hexanone	25 U	50 U					
Dibromochloromethane	5.0 U	10 U					
Chlorobenzene	5.0 U	10 U					
Ethylbenzene	5.0 U	10 U					
m/p-Xylenes	10 U	20 U					
o-Xylene	5.0 U	10 U					
Styrene	5.0 U	10 U					
Bromoform	5.0 U	10 U					
1,1,2,2-Tetrachloroethane	5.0 U	10 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.14	0.11					
Chloride (mg/L)	117	425					
Total organic carbon (mg/L)	3.1	100					
Sulfate (mg/L)	716	897					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	9.6	33					
Ethane (µg/L)	2.7	2.1					
Ethene (µg/L)	17	25					
Carbon dioxide (mg/L)	244	504					
Alkalinity, Total as CaCO3 (mg/L)	237	433					
Bicarbonate Alkalinity as CaCO3 (mg/L)	237	433					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	190					
Propionic acid	1.0 U	5.1					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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.
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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)	89-12(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	5.0 U	10 U					
Vinyl chloride	110	800					
Chloroethane	5.0 U	10 U					
Bromomethane	5.0 U	10 U					
1,1-Dichloroethene	3.7 J	10 U					
Acetone	8.7 J	10 U					
Carbon disulfide	5.0 U	47					
Methylene chloride	5.0 U	10 U					
trans-1,2-Dichloroethene	6.0	5.1 J					
1,1-Dichloroethane	6.3	21					
cis-1,2-Dichloroethene	1,300 D	1,900					
2-Butanone	25 U	50 U					
Chloroform	3.0 J	10 U					
1,1,1-Trichloroethane	13	17					
Carbon tetrachloride	5.0 U	10 U					
Benzene	5.0 U	10 U					
1,2-Dichloroethane	5.0 U	10 U					
Trichloroethene	23	42					
1,2-Dichloropropane	5.0 U	10 U					
Bromodichloromethane	5.0 U	10 U					
cis-1,3-Dichloropropene	5.0 U	10 U					
4-Methyl-2-pentanone	25 U	50 U					
Toluene	5.0 U	10 U					
trans-1,3-Dichloropropene	5.0 U	10 U					
1,1,2-Trichloroethane	5.0 U	10 U					
Tetrachloroethene	5.0 U	10 U					
2-Hexanone	25 U	50 U					
Dibromochloromethane	5.0 U	10 U					
Chlorobenzene	5.0 U	10 U					
Ethylbenzene	5.0 U	10 U					
m/p-Xylenes	10 U	20 U					
o-Xylene	5.0 U	10 U					
Styrene	5.0 U	10 U					
Bromoform	5.0 U	10 U					
1,1,2,2-Tetrachloroethane	5.0 U	10 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.17					
Chloride (mg/L)	112	319					
Total organic carbon (mg/L)	3.4	35.6					
Sulfate (mg/L)	617	734					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	11	30					
Ethane (µg/L)	1.0 U	1.9					
Ethene (µg/L)	5.7	140					
Carbon dioxide (mg/L)	241	468					
Alkalinity, Total as CaCO3 (mg/L)	234	466					
Bicarbonate Alkalinity as CaCO3 (mg/L)	234	466					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	51					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	0.26 J	1.0 U					
Vinyl chloride	20	270 D					
Chloroethane	1.0 U	1.0 U					
Bromomethane	1.0 U	1.0 U					
1,1-Dichloroethene	0.66 J	2.3					
Acetone	5.0 U	5.0 U					
Carbon disulfide	0.26 J	5.5					
Methylene chloride	1.0 U	360 D					
trans-1,2-Dichloroethene	0.44 J	3.0					
1,1-Dichloroethane	3.9	3.7					
cis-1,2-Dichloroethene	62	460 D					
2-Butanone	5.0 U	5.3					
Chloroform	1.0 U	1.2					
1,1,1-Trichloroethane	0.97 J	2.2					
Carbon tetrachloride	1.0 U	1.0 U					
Benzene	1.0 U	0.21 J					
1,2-Dichloroethane	1.0 U	1.0 U					
Trichloroethene	5.1	280 D					
1,2-Dichloropropane	1.0 U	1.0 U					
Bromodichloromethane	1.0 U	1.0 U					
cis-1,3-Dichloropropene	1.0 U	1.0 U					
4-Methyl-2-pentanone	5.0 U	5.0 U					
Toluene	1.0 U	0.49 J					
trans-1,3-Dichloropropene	1.0 U	1.0 U					
1,1,2-Trichloroethane	1.0 U	1.0 U					
Tetrachloroethene	1.0 U	1.0 U					
2-Hexanone	5.0 U	5.0 U					
Dibromochloromethane	1.0 U	1.0 U					
Chlorobenzene	1.0 U	1.0 U					
Ethylbenzene	1.0 U	1.0 U					
m/p-Xylenes	2.0 U	2.0 U					
o-Xylene	1.0 U	1.0 U					
Styrene	1.0 U	1.0 U					
Bromoform	1.0 U	1.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.13	4.3					
Chloride (mg/L)	105	76.0					
Total organic carbon (mg/L)	3.4	141					
Sulfate (mg/L)	386	40.8					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	21	30					
Ethane (µg/L)	1.0 U	3.6					
Ethene (µg/L)	1.0 U	69					
Carbon dioxide (mg/L)	277	660					
Alkalinity, Total as CaCO3 (mg/L)	287	530					
Bicarbonate Alkalinity as CaCO3 (mg/L)	287	530					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	2.0 U					
Acetic acid	1.0 U	280					
Propionic acid	1.0 U	7.7					
Butyric acid	2.0 U	4.0 U					
Pyruvic acid	0.50 U	1.0 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)	B-10A(1)						
Volatile Organic Compounds (µg/L)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	170 J	500 U					
Vinyl chloride	380 J	510					
Chloroethane	500 U	500 U					
Bromomethane	170 J	500 U					
1,1-Dichloroethene	380 J	380 J					
Acetone	2,500 U	2,500 U					
Carbon disulfide	500 U	500 U					
Methylene chloride	6,000	3,700					
trans-1,2-Dichloroethene	180 J	250 J					
1,1-Dichloroethane	450 J	430 J					
cis-1,2-Dichloroethene	22,000	70,000					
2-Butanone	2,500 U	2,500 U					
Chloroform	500 U	500 U					
1,1,1-Trichloroethane	930	1,100					
Carbon tetrachloride	500 U	500 U					
Benzene	500 U	500 U					
1,2-Dichloroethane	500 U	500 U					
Trichloroethene	64,000	28,000					
1,2-Dichloropropane	500 U	500 U					
Bromodichloromethane	500 U	500 U					
cis-1,3-Dichloropropene	500 U	500 U					
4-Methyl-2-pentanone	2,500 U	2,500 U					
Toluene	500 U	500 U					
trans-1,3-Dichloropropene	500 U	500 U					
1,1,2-Trichloroethane	500 U	500 U					
Tetrachloroethene	500 U	500 U					
2-Hexanone	2,500 U	2,500 U					
Dibromochloromethane	500 U	500 U					
Chlorobenzene	500 U	500 U					
Ethylbenzene	500 U	500 U					
m/p-Xylenes	1,000 U	1,000 U					
o-Xylene	500 U	500 U					
Styrene	500 U	500 U					
Bromoform	500 U	500 U					
1,1,2,2-Tetrachloroethane	500 U	500 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.14	0.10 U					
Chloride (mg/L)	87.2	109					
Total organic carbon (mg/L)	7.9	56.9					
Sulfate (mg/L)	158	123					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	80	67					
Ethane (µg/L)	1.4	2.2					
Ethene (µg/L)	18	19					
Carbon dioxide (mg/L)	398	508					
Alkalinity, Total as CaCO3 (mg/L)	479	549					
Bicarbonate Alkalinity as CaCO3 (mg/L)	423	549					
Carbonate Alkalinity as CaCO3 (mg/L)	56.0	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	82					
Propionic acid	1.0 U	15					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	B-14(1)						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	2.0 U	2.0 U					
Vinyl chloride	190	180					
Chloroethane	2.0 U	2.0 U					
Bromomethane	2.0 U	2.0 U					
1,1-Dichloroethene	1.8 J	2.0 U					
Acetone	10 U	10 U					
Carbon disulfide	0.64 J	3.1					
Methylene chloride	2.0 U	2.0 U					
trans-1,2-Dichloroethene	1.8 J	1.6 J					
1,1-Dichloroethane	18	15					
cis-1,2-Dichloroethene	140	100					
2-Butanone	10 U	10 U					
Chloroform	2.0 U	2.0 U					
1,1,1-Trichloroethane	75	52					
Carbon tetrachloride	2.0 U	2.0 U					
Benzene	2.0 U	2.0 U					
1,2-Dichloroethane	2.0 U	2.0 U					
Trichloroethene	1.8 J	1.6 J					
1,2-Dichloropropane	2.0 U	2.0 U					
Bromodichloromethane	2.0 U	2.0 U					
cis-1,3-Dichloropropene	2.0 U	2.0 U					
4-Methyl-2-pentanone	10 U	10 U					
Toluene	2.0 U	2.0 U					
trans-1,3-Dichloropropene	2.0 U	2.0 U					
1,1,2-Trichloroethane	2.0 U	2.0 U					
Tetrachloroethene	2.0 U	2.0 U					
2-Hexanone	10 U	10 U					
Dibromochloromethane	2.0 U	2.0 U					
Chlorobenzene	2.0 U	2.0 U					
Ethylbenzene	2.0 U	2.0 U					
m/p-Xylenes	4.0 U	4.0 U					
o-Xylene	2.0 U	2.0 U					
Styrene	2.0 U	2.0 U					
Bromoform	2.0 U	2.0 U					
1,1,2,2-Tetrachloroethane	2.0 U	2.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	120	117					
Total organic carbon (mg/L)	4.1	3.8					
Sulfate (mg/L)	957	972					
Nitrate as N (mg/L)	1.0 U	1.0 U					
Methane (µg/L)	54	53					
Ethane (µg/L)	1.0 U	1.1					
Ethene (µg/L)	8.8	12					
Carbon dioxide (mg/L)	325	286					
Alkalinity, Total as CaCO3 (mg/L)	308	290					
Bicarbonate Alkalinity as CaCO3 (mg/L)	308	290					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	1.0 U	1.0 U					
Vinyl chloride	1.0 U	1.0 U					
Chloroethane	1.0 U	1.0 U					
Bromomethane	1.0 U	1.0 U					
1,1-Dichloroethene	1.0 U	1.0 U					
Acetone	1.7 J	1.8 J					
Carbon disulfide	1.0 U	1.0 U					
Methylene chloride	1.0 U	1.0 U					
trans-1,2-Dichloroethene	1.0 U	1.0 U					
1,1-Dichloroethane	0.40 J	1.0 U					
cis-1,2-Dichloroethene	22	4.9					
2-Butanone	5.0 U	5.0 U					
Chloroform	0.47 J	1.0 U					
1,1,1-Trichloroethane	1.1	1.0 U					
Carbon tetrachloride	1.0 U	1.0 U					
Benzene	1.0 U	1.0 U					
1,2-Dichloroethane	1.0 U	1.0 U					
Trichloroethene	70	20					
1,2-Dichloropropane	1.0 U	1.0 U					
Bromodichloromethane	1.0 U	1.0 U					
cis-1,3-Dichloropropene	1.0 U	1.0 U					
4-Methyl-2-pentanone	5.0 U	5.0 U					
Toluene	1.0 U	1.0 U					
trans-1,3-Dichloropropene	1.0 U	1.0 U					
1,1,2-Trichloroethane	1.0 U	1.0 U					
Tetrachloroethene	1.0 U	1.0 U					
2-Hexanone	5.0 U	5.0 U					
Dibromochloromethane	1.0 U	1.0 U					
Chlorobenzene	1.0 U	1.0 U					
Ethylbenzene	1.0 U	1.0 U					
m/p-Xylenes	2.0 U	2.0 U					
o-Xylene	1.0 U	1.0 U					
Styrene	1.0 U	1.0 U					
Bromoform	1.0 U	1.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	3.6	5.3					
Total organic carbon (mg/L)	6.0	6					
Sulfate (mg/L)	141	96.2					
Nitrate as N (mg/L)	2.5	5.3					
Methane (µg/L)	1.1 U	1.1 U					
Ethane (µg/L)	1.0 U	1.0 U					
Ethene (µg/L)	1.0 U	1.0 U					
Carbon dioxide (mg/L)	174	149					
Alkalinity, Total as CaCO3 (mg/L)	186	160					
Bicarbonate Alkalinity as CaCO3 (mg/L)	186	160					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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)	11/14/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	0.24 J	1.0 U					
Vinyl chloride	2.3	260 D					
Chloroethane	1.0 U	1.0 U					
Bromomethane	1.0 U	1.0 U					
1,1-Dichloroethene	1.0 U	17.0					
Acetone	1.5 J	4.9 J					
Carbon disulfide	1.0 U	14					
Methylene chloride	170	16,000 D					
trans-1,2-Dichloroethene	1.0 U	12.0					
1,1-Dichloroethane	1.0 U	15					
cis-1,2-Dichloroethene	17	1,100 D					
2-Butanone	5.0 U	5.0 U					
Chloroform	1.0 U	5.4					
1,1,1-Trichloroethane	0.48 J	18.0					
Carbon tetrachloride	1.0 U	1.0 U					
Benzene	1.0 U	0.89 J					
1,2-Dichloroethane	1.0 U	1.0 U					
Trichloroethene	32	36,000 D					
1,2-Dichloropropane	1.0 U	1.0 U					
Bromodichloromethane	1.0 U	1.0 U					
cis-1,3-Dichloropropene	1.0 U	1.0 U					
4-Methyl-2-pentanone	5.0 U	5.0 U					
Toluene	1.0 U	8.0					
trans-1,3-Dichloropropene	1.0 U	1.0 U					
1,1,2-Trichloroethane	1.0 U	0.75 J					
Tetrachloroethene	1.0 U	8.0					
2-Hexanone	5.0 U	5.0 U					
Dibromochloromethane	1.0 U	1.0 U					
Chlorobenzene	1.0 U	1.0 U					
Ethylbenzene	1.0 U	1.4					
m/p-Xylenes	2.0 U	4.6					
o-Xylene	1.0 U	1.7					
Styrene	1.0 U	1.0 U					
Bromoform	1.0 U	1.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	4.0 U					
Chloride (mg/L)	10.2	35.3					
Total organic carbon (mg/L)	3.3	690					
Sulfate (mg/L)	53	104					
Nitrate as N (mg/L)	2.6	1.0 U					
Methane (µg/L)	1.6	76					
Ethane (µg/L)	1.0 U	7.2					
Ethene (µg/L)	1.0 U	24					
Carbon dioxide (mg/L)	108	179					
Alkalinity, Total as CaCO3 (mg/L)	122	184					
Bicarbonate Alkalinity as CaCO3 (mg/L)	122	184					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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-11						
Volatile Organic Compounds (µg/L)	11/13/17	1/23/18	2/23/18	3/23/18	June	September	December
Chloromethane	0.45 J	1.0 U					
Vinyl chloride	100	13					
Chloroethane	29	1.0 U					
Bromomethane	1.0 U	1.0 U					
1,1-Dichloroethene	1.2	1.0 U					
Acetone	5.0 U	48					
Carbon disulfide	0.35 J	0.39 J					
Methylene chloride	1.0 U	11					
trans-1,2-Dichloroethene	1.0	1.0 U					
1,1-Dichloroethane	8.6	0.88 J					
cis-1,2-Dichloroethene	110	23					
2-Butanone	5.0 U	1.0 J					
Chloroform	1.0 U	1.0 U					
1,1,1-Trichloroethane	45	3.3					
Carbon tetrachloride	1.0 U	1.0 U					
Benzene	1.0 U	0.84 J					
1,2-Dichloroethane	1.0 U	1.0 U					
Trichloroethene	35	520 D					
1,2-Dichloropropane	1.0 U	1.0 U					
Bromodichloromethane	1.0 U	1.0 U					
cis-1,3-Dichloropropene	1.0 U	1.0 U					
4-Methyl-2-pentanone	5.0 U	5.0 U					
Toluene	1.0 U	0.54 J					
trans-1,3-Dichloropropene	1.0 U	1.0 U					
1,1,2-Trichloroethane	1.0 U	1.0 U					
Tetrachloroethene	1.0 U	0.46 J					
2-Hexanone	5.0 U	5.0 U					
Dibromochloromethane	1.0 U	1.0 U					
Chlorobenzene	1.0 U	1.0 U					
Ethylbenzene	1.0 U	1.0 U					
m/p-Xylenes	2.0 U	0.56 J					
o-Xylene	1.0 U	1.0 U					
Styrene	1.0 U	1.0 U					
Bromoform	1.0 U	1.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.76					
Chloride (mg/L)	321	481					
Total organic carbon (mg/L)	4.1	9.2					
Sulfate (mg/L)	291	409					
Nitrate as N (mg/L)	1.1	2.4					
Methane (µg/L)	30	4.2					
Ethane (µg/L)	1.0 U	1.0 U					
Ethene (µg/L)	4.2	1.1					
Carbon dioxide (mg/L)	222	177					
Alkalinity, Total as CaCO3 (mg/L)	245	194					
Bicarbonate Alkalinity as CaCO3 (mg/L)	245	194					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.4					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	0.50 U	0.50 U					

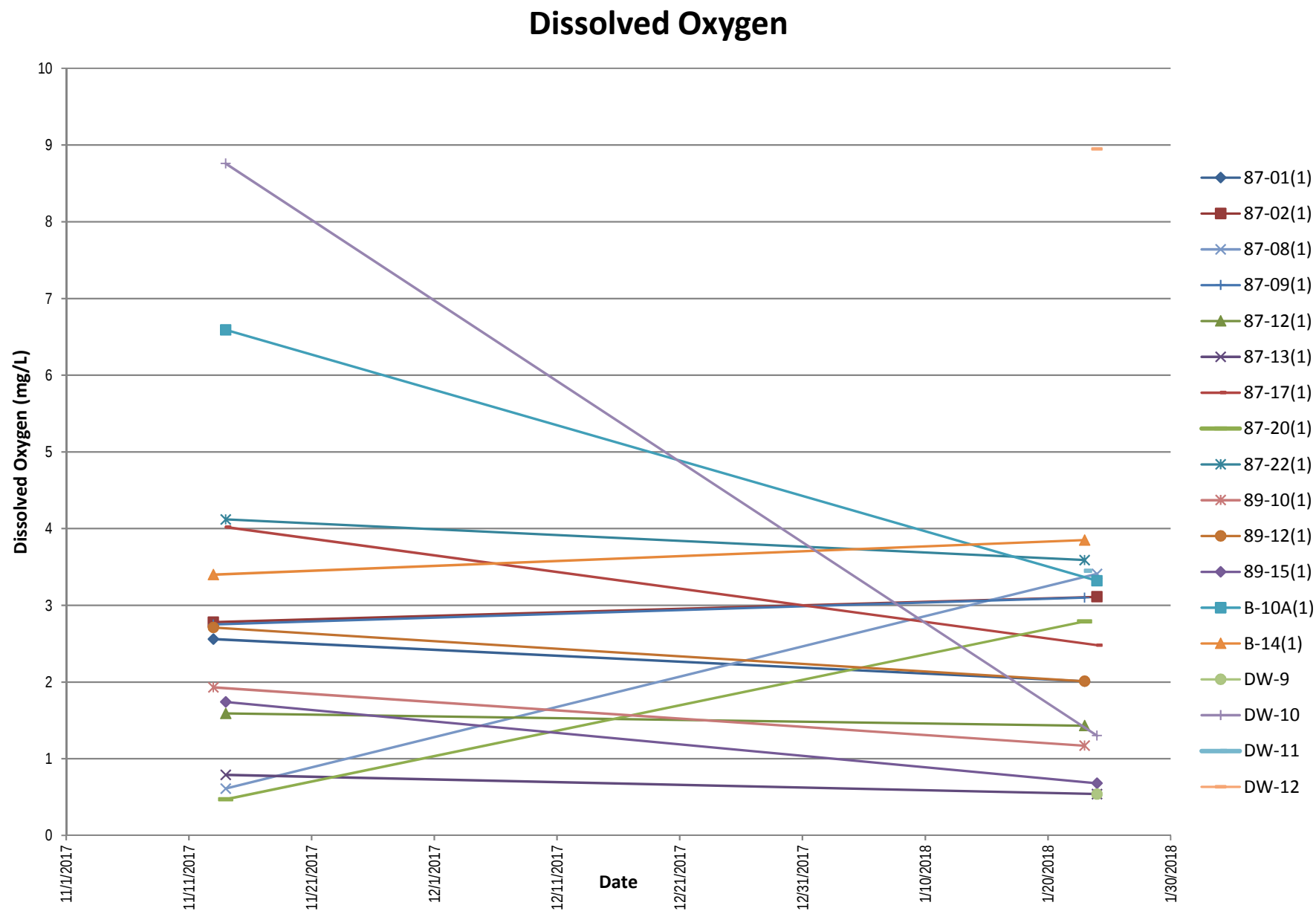
Notes:
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Table 3
Summary of Groundwater Laboratory Analytical Data
Bioremediation Program
Former Bell Aerospace Textron Wheatfield
New York

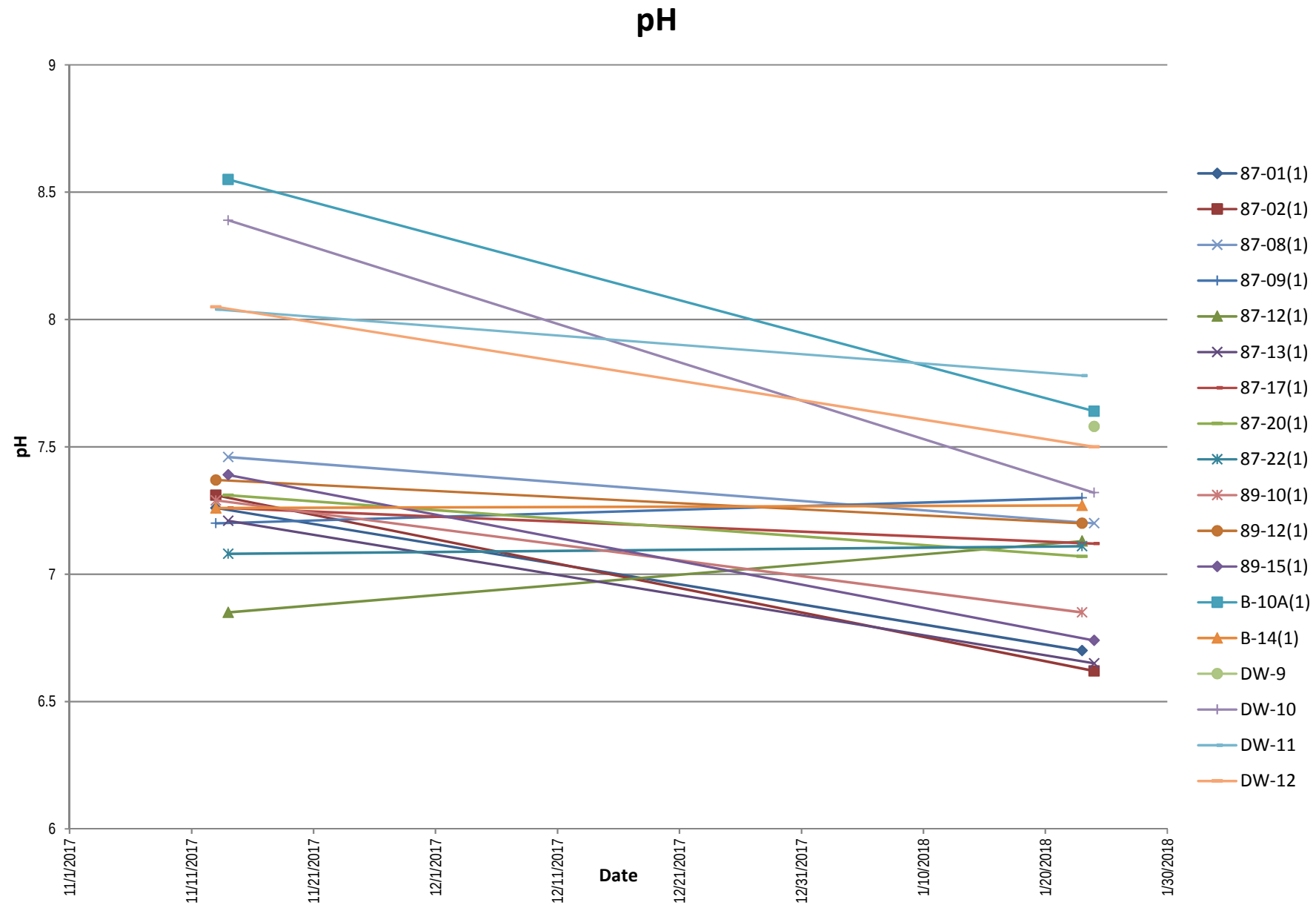
Constituents of Concern (Units)	DW-12						
Volatile Organic Compounds (µg/L)	11/13/17	1/24/18	2/23/18	3/23/18	June	September	December
Chloromethane	1.0 U	1.0 U					
Vinyl chloride	1.0 U	1.0 U					
Chloroethane	1.0 U	1.0 U					
Bromomethane	1.0 U	1.0 U					
1,1-Dichloroethene	1.0 U	1.0 U					
Acetone	2.4 J	5.0 U					
Carbon disulfide	1.0 U	1.0 U					
Methylene chloride	1.0 U	1.0 U					
trans-1,2-Dichloroethene	1.0 U	1.0 U					
1,1-Dichloroethane	1.0 U	1.0 U					
cis-1,2-Dichloroethene	1.5	2.2					
2-Butanone	5.0 U	5.0 U					
Chloroform	1.0 U	0.35 J					
1,1,1-Trichloroethane	1.0 U	1.0 U					
Carbon tetrachloride	1.0 U	1.0 U					
Benzene	1.0 U	1.0 U					
1,2-Dichloroethane	1.0 U	1.0 U					
Trichloroethene	1.2	0.87 J					
1,2-Dichloropropane	1.0 U	1.0 U					
Bromodichloromethane	1.0 U	1.0 U					
cis-1,3-Dichloropropene	1.0 U	1.0 U					
4-Methyl-2-pentanone	5.0 U	5.0 U					
Toluene	1.0 U	1.0 U					
trans-1,3-Dichloropropene	1.0 U	1.0 U					
1,1,2-Trichloroethane	1.0 U	1.0 U					
Tetrachloroethene	1.0 U	1.0 U					
2-Hexanone	5.0 U	5.0 U					
Dibromochloromethane	1.0 U	1.0 U					
Chlorobenzene	1.0 U	1.0 U					
Ethylbenzene	1.0 U	1.0 U					
m/p-Xylenes	2.0 U	2.0 U					
o-Xylene	1.0 U	1.0 U					
Styrene	1.0 U	1.0 U					
Bromoform	1.0 U	1.0 U					
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U					
General Chemistry Parameters							
Iron, ferrous (mg/L)	0.10 U	0.10 U					
Chloride (mg/L)	40.7	1,050					
Total organic carbon (mg/L)	2.9	2.2					
Sulfate (mg/L)	184	138					
Nitrate as N (mg/L)	1.0 U	1.5					
Methane (µg/L)	1.1 U	1.0 U					
Ethane (µg/L)	1.0 U	1.0 U					
Ethene (µg/L)	1.0 U	1.0 U					
Carbon dioxide (mg/L)	73.1	62.6					
Alkalinity, Total as CaCO3 (mg/L)	80.4	66.4					
Bicarbonate Alkalinity as CaCO3 (mg/L)	80.4	66.4					
Carbonate Alkalinity as CaCO3 (mg/L)	2.0 U	2.0 U					
Volatile Fatty Acids (mg/L)							
Lactic acid	1.0 U	1.0 U					
Acetic acid	1.0 U	1.0 U					
Propionic acid	1.0 U	1.0 U					
Butyric acid	2.0 U	2.0 U					
Pyruvic acid	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.

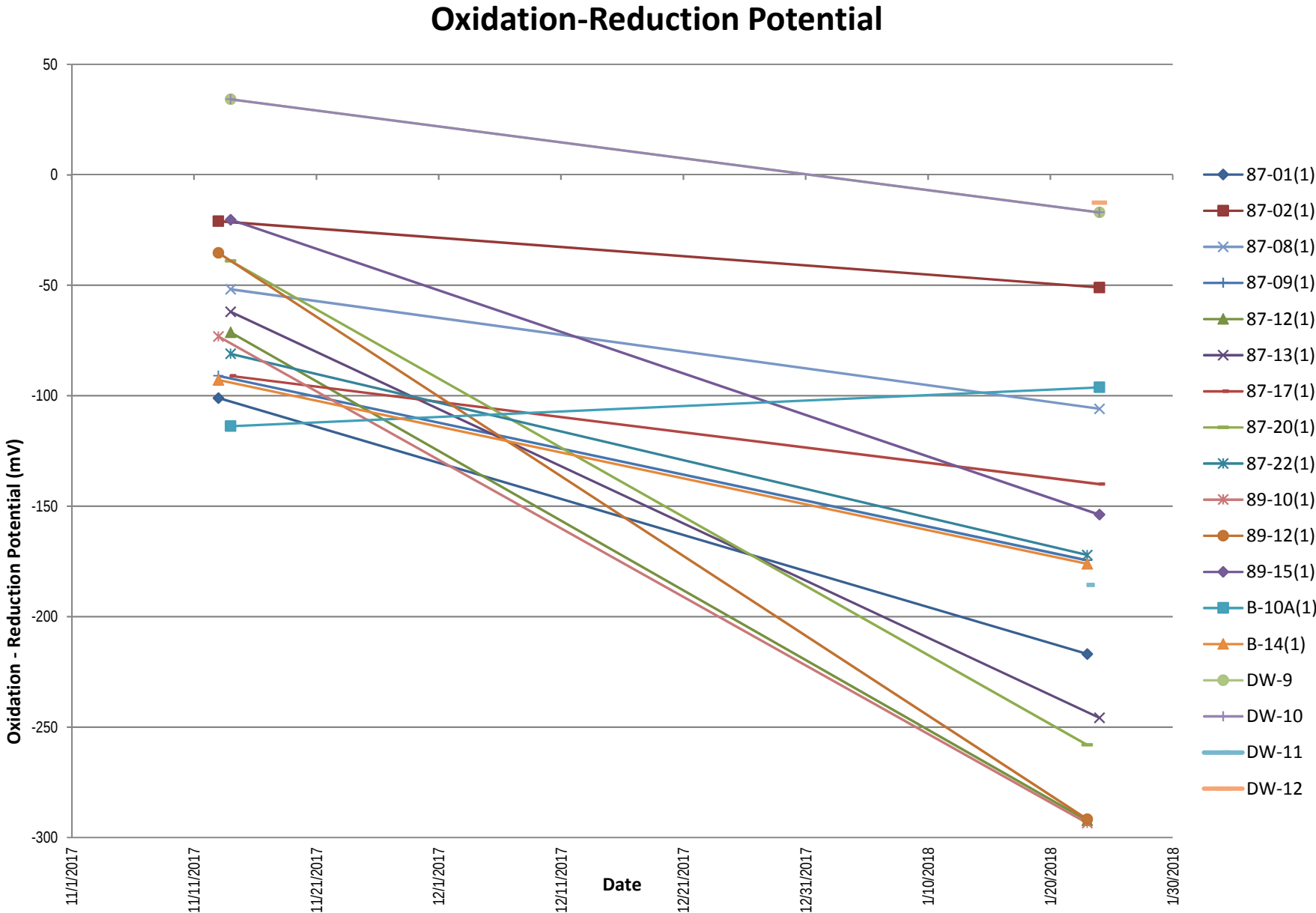
Graph 1
Dissolved Oxygen
Former Bell Aerospace Textron Wheatfield, New York



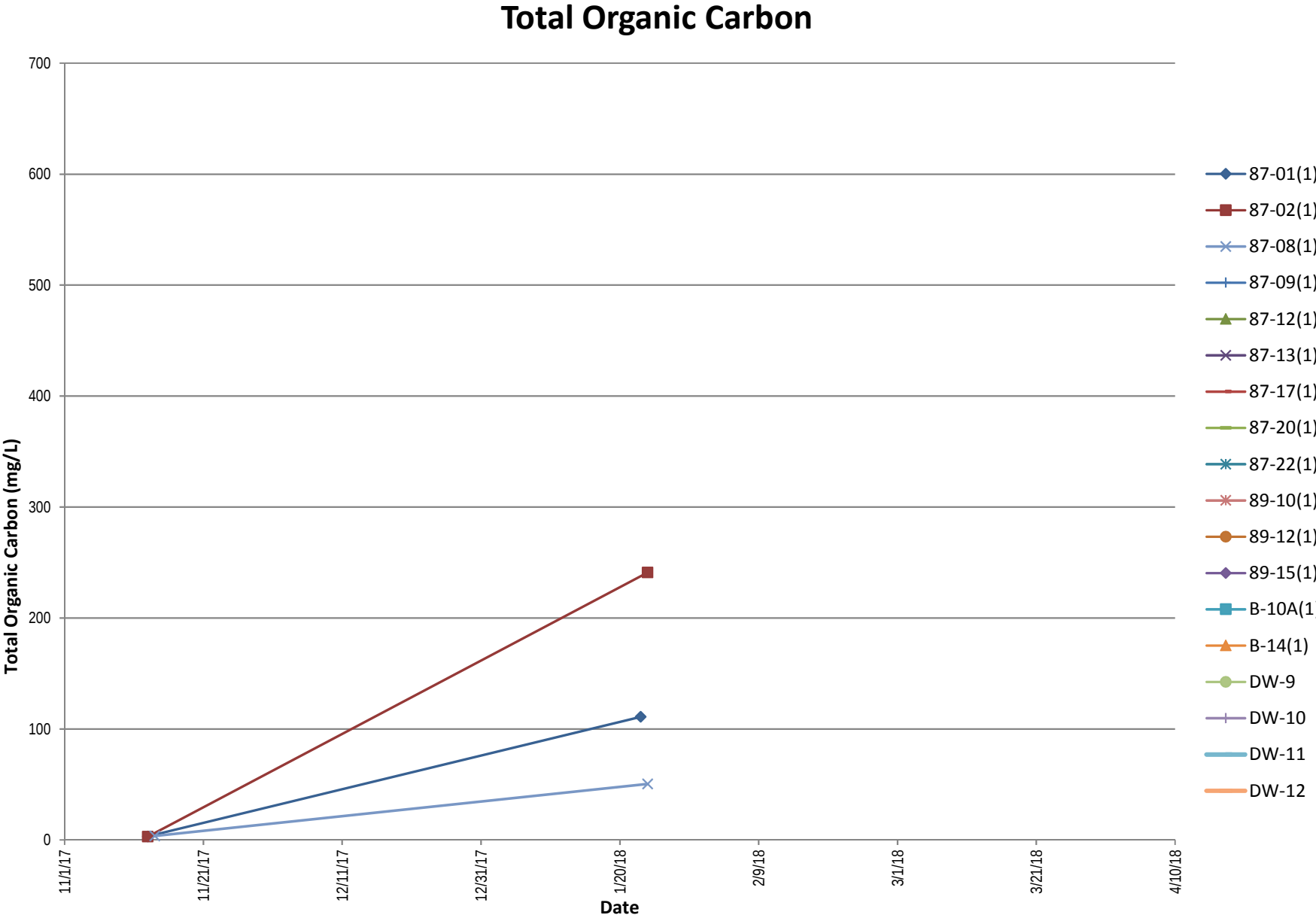
Graph 2
pH
Former Bell Aerospace Textron Wheatfield, New York



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

