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July 31, 2019

Ms. Barbara Firebaugh, P.G.
Project Manager
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7016

RE: Supplemental Site Characterization Phase 2 Scope of Work
Oak Materials Site (River Road 1, 2 and 3),
Town of Hoosick, Rensselaer County, New York, NYSDEC Site Number 442008

Dear Ms. Firebaugh:

Please find attached a revised Supplemental Site Characterization Phase 2 Scope of Work for the above-referenced property that incorporates comments received from the Department dated July 15, 2019 on the Draft Scope of Work document submitted to you on May 22, 2019.

We appreciate the Department's continued input and review. Please contact Tim Johnson at 315-414-2029, Jon Fox at 315-233-3035, or me at 315-552-9782 to discuss any questions or comments.

Sincerely,

John P. McAuliffe, P.E.
Remediation Director, Design and Construction

Attachment – Supplemental Site Characterization Phase 2 Scope of Work

Cc: Sue Edwards, P.E. (NYSDEC)
Ian Bielby, P.E. (NYSDEC)
John Morris, P.E. (Honeywell)
Chris French, C.G. (Honeywell)
Tim Johnson (Anchor QEA)
Jim Perazzo, P.G. (ERM)
Maureen Leahy, Ph.D. (ERM)
Jon Fox, P.G. (ERM)

31 July 2019

John P. McAuliffe, P.E.
Honeywell
301 Plainfield Road, Suite 330
Syracuse, New York 13212



RE: Supplemental Site Characterization Phase 2 Scope of Work
Oak Materials Site (River Road 1, 2 and 3)
Town of Hoosick, Rensselaer Co., New York
NYSDEC Site Number 442008

Dear Mr. McAuliffe:

Honeywell is performing a Site Characterization (SC) at the above-referenced property as required by the Order on Consent and Administrative Settlement Index Number 4-20160415-79 between Honeywell and the New York State Department of Environmental Conservation (NYSDEC). The work is being performed consistent with the NYSDEC-approved Final Supplemental SC Scope of Work dated 5 December 2018.

Soil and groundwater laboratory analytical results for Supplemental SC work performed to date are summarized in Table 1 and Table 2, respectively. Figure 1 summarizes groundwater volatile organic compound (VOC) data and Figure 2 summarizes groundwater field parameter data.

ERM Consulting & Engineering, Inc. (ERM) proposes the additional work (Phase 2) shown in Figure 3 (attached) and as described in this work plan to further the SC of the River Road property. The Supplemental SC Phase 2 work will be performed using NYSDEC-approved methods contained in:

- the SC Field Sampling and Analysis Plan (FSAP) dated July 2016;
- the updated Quality Assurance Project Plan (QAPP) dated 16 March 2018; and
- the Supplemental SC Scope of Work dated 5 December 2018.

Areas for Further Investigation

- Area 02: VOCs at Location RR-MW-005
- Area 04: Former Petroleum Storage at Building #3

The locations of these areas are shown in Figure 3.

Purpose/Objectives

- Evaluate overburden beneath/near Building #3 and nearby on-site and off-site areas of historic container storage or soil disturbance for potential sources of the VOCs detected in bedrock groundwater at location RR-MW-005BR.
- Identify, through evaluation of the soil vapor data, potential additional on-site or off-site sources of VOCs.
- Evaluate the source and extent of petroleum residuals observed at location RR-B/MW-020A.
- NYSDEC will evaluate if nearby private water supply wells shown in Figure 3 require sampling for VOCs. If sampling of one or more of these private wells is required, the sampling will be performed by NYSDEC or the New York State Department of Health (NYSDOH).

Supplemental SC Phase 2 Scope of Work

- Collection of 120 passive soil vapor samples (15 beneath Building #3 and the remainder around the building perimeter, a potential drywell structure, the former petroleum storage area, and nearby on-site and off-site areas of historic container storage or soil disturbance). Suspected areas of historic container storage or soil disturbance are based on review of aerial photographs dated 1994 and 2007 viewed using Google Earth Pro software.
- Installation and sampling of three soil borings/fixed overburden monitoring well couplets outside Building #3 near the area of former petroleum storage area based analytical results from location RR-B/MW-20A and observations during site inspection.
- Collection of subsurface soil samples from the three newly-installed soil borings for evaluation of the petroleum release near Building #3.
- Collection of groundwater samples at existing and newly-installed monitoring wells at and surrounding Building #3 (see Figure 3 for the proposed area of groundwater sampling).

The NYSDEC's Project Manager will be notified via e-mail a minimum of one week prior to the start of field activities.

Analytical Parameters

- VOCs (all samples)
- 1,4-Dioxane (Area 02 samples)
- Semivolatile organic compounds (SVOCs; Area 04 samples)
- Geochemical parameters including dissolved cations (Ca, Mg, K, and Na), dissolved anions (HCO₃, CO₃, Cl, and SO₄), total and dissolved Fe and Mn, nitrate, alkalinity, ethene/ethane, and methane (all groundwater samples)
- Analysis for per- and polyfluoroalkyl substances (PFAS) is not proposed for the Supplemental SC Phase 2 because the focus of this effort is the evaluation of VOCs and SVOCs.

If insufficient aqueous sample volume can be obtained to complete all analyses, priority of analyses will be VOCs, 1,4-Dioxane, SVOCs, and geochemical parameters.

For water samples, a calibrated electronic field parameter meter will be utilized to record field geochemical data. The field parameter meter will be calibrated at the start of each day and will have documented calibration checks at the middle and end of each day. A three-point calibration will be used for pH measurements. A single-point calibration will be used for other groundwater quality parameters. Fresh calibration solutions will be used each day, but may be re-used through the day. All calibration records and checks will be documented in field notes or sampling records by recording the value of the calibration solution, the value the instrument was reading prior to calibration, and if re-calibration was needed. Geochemical parameters including temperature, specific conductivity, pH, oxidation-reduction potential, turbidity, and dissolved oxygen will be monitored and recorded.

Laboratory analyses will be performed at a NYSDOH-approved environmental laboratory, with the exception of passive soil vapor samples, which will be analyzed at Amplified Geochemical Imaging, LLC (AGI) of Newark, Delaware. AGI is a proprietary provider of the passive soil vapor samplers proposed for use in this work plan. AGI has provided ERM with a statement indicating that the AGI laboratory operates under the guidelines of its ISO Standard 17025 DoD ELAP accreditation and its

Quality Assurance Manual, Operating Procedures, and Methods (SOP-QA-0462).

Schedule

An estimated project schedule for the soil vapor sampling effort has been prepared (Table 3).

Meeting

A meeting will be scheduled with NYSDEC and NYSDOH upon receipt of preliminary laboratory analytical results of the soil vapor sampling effort to present and discuss the preliminary results.

Please contact me at 315-233-3035 to discuss any questions or comments.

Sincerely,



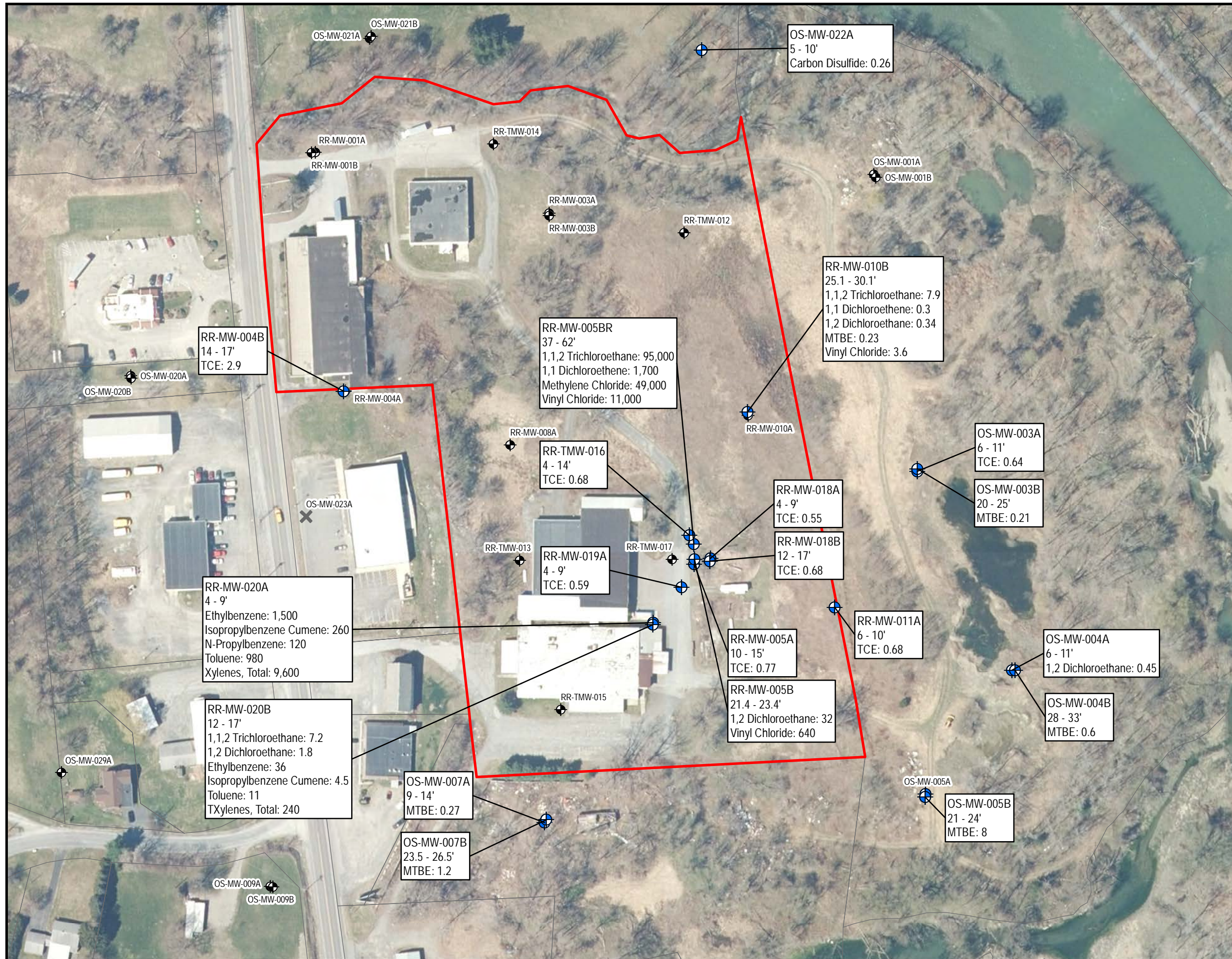
Jon S. Fox, P.G.
Principal Consultant Geologist

Attachments

- Figure 1 – Summary of Groundwater Laboratory Analytical Data
- Figure 2 – Summary of Groundwater Field Parameter Data
- Figure 3 - Proposed Supplemental SC Phase 2 Sample Locations
- Table 1 – Summary of Laboratory Analytical Results – Soil
- Table 2 – Summary of Laboratory Analytical Results - Groundwater
- Table 3 – Estimated Project Schedule – Soil Vapor Sampling

Cc: John Morris, P.E. (Honeywell)
Chris French, C.G. (Honeywell)
Tim Johnson (Anchor QEA)
Jim Perazzo, P.G. (ERM)
Maureen Leahy, Ph.D. (ERM)

Figures



- Legend**
- Wells With Detected VOC Concentrations
 - Wells With Non-Detect VOC Results
 - Wells Not Sampled for VOCs
 - Approximate Property Boundaries
 - Hoosick Tax Parcels

NOTES:

- Samples were collected during the January, 2019 groundwater sample event.
- Screen length is presented as feet below ground surface.
- Analytical results are reported in micrograms per liter.

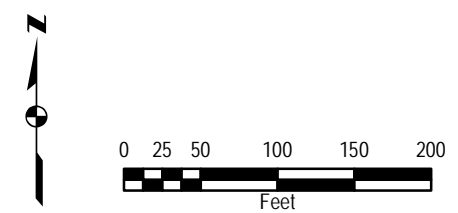
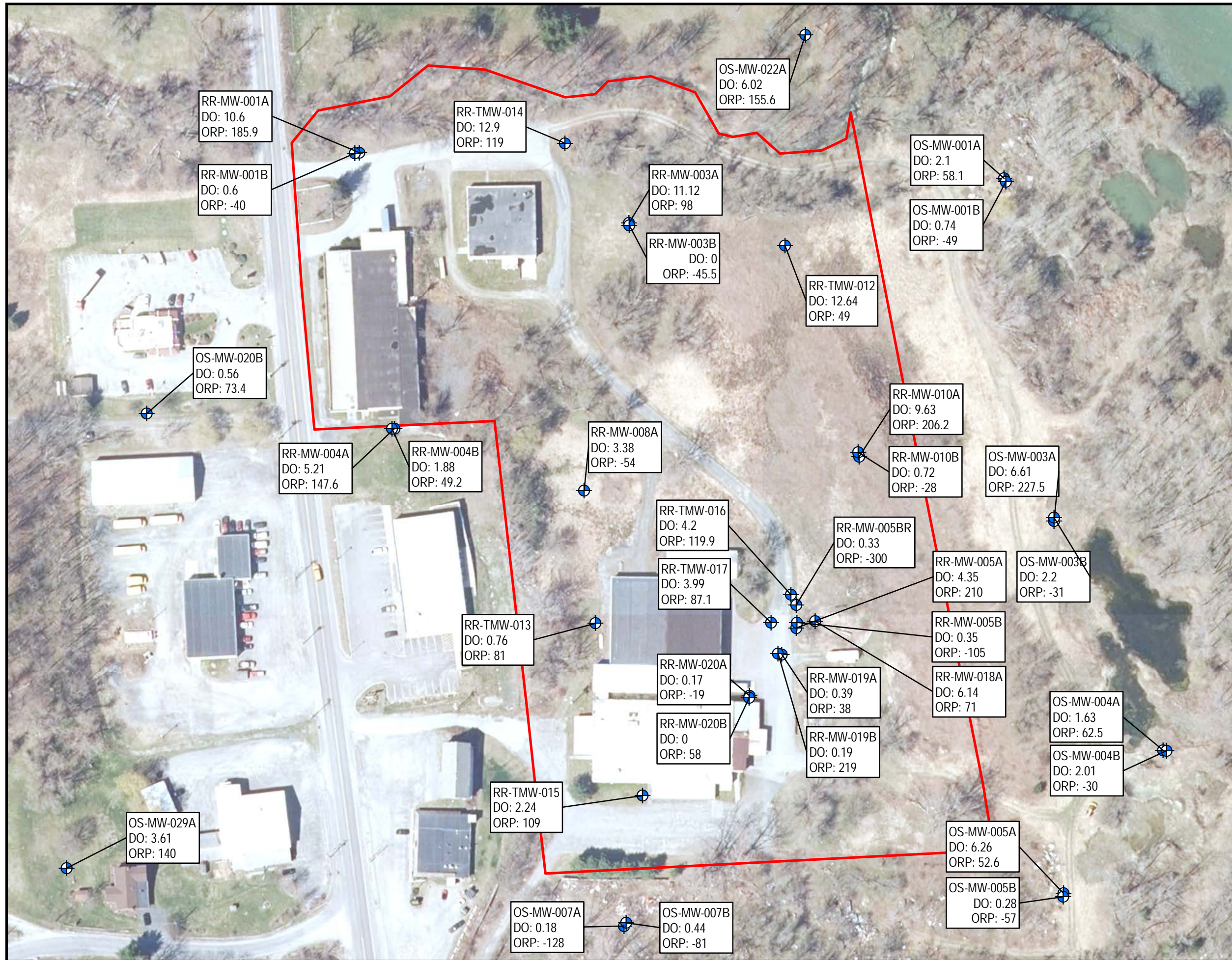




Figure 1: VOCs Detected in Groundwater - January, 2019
 Supplemental Site Characterization
 River Road 1, 2, 3
 Town of Hoosick
 New York



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Legend

-  Monitoring Well
-  Approximate Property Boundaries

NOTES:

- Samples were collected during the January, 2019 groundwater sample event.
- DO = Dissolved Oxygen
- ORP = Oxidation-Reduction Potential

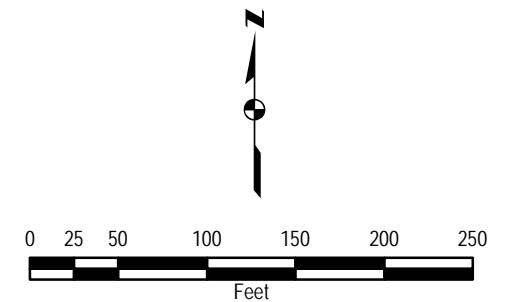


Figure 2 - Groundwater Field Parameters - January 2019 Sampling

Supplemental Site Characterization
 River Road 1, 2, 3
 Town of Hoosick
 New York





Legend

- Proposed Passive Soil Vapor Point (120)
- Proposed Soil Boring / Overburden Monitoring Well (3)
- Private Well (Known Bedrock) Sample Location (3)
- Private Well (Zone Unknown) Sample Location (4)
- Existing Soil Vapor Point
- Existing Monitoring Well Location
- Existing Temporary Well Location
- Approximate Property Boundary
- Monitoring Well Sampling Area

NOTES:

- Approximate off site dumping area was defined using extent of debris visible in historical aerial imagery.
- Aerial Imagery captured in 2014 from New York State.

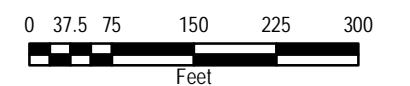


Figure 3: River Road Supplemental Site Characterization Phase 2 Sample Locations
 Oak Materials
 River Road Property
 Town of Hoosick
 New York



Tables

Table 1
Summary of Soil Data - SCO Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	RR-B-019	RR-B-019	RR-B-019	RR-B-020	RR-B-020	RR-B-020	RR-B-020	RR-B-021	RR-B-022
				Sample Type	N	N	N	N	N	FD	N	N	N
				Sample ID	RR-B-019(5-6)(12182018)	RR-B-019 (16-18) (01072019)	RR-B-019 (19-21) (01072019)	RR-B-020 (0-2)(12192018)	RR-B-020(6-7)(12182018)	RR-DUP-(12182018)	RR-B-020 (10-12)(12192018)	RR-B-021 (2-12)(12202018)	RR-B-022 (0-2)(12202018)
				Depth Range	5-6 ft	16-18 ft	19-21 ft	0-2 in	6-7 ft	6-7 ft	10-12 ft	2-12 in	0-2 in
				Sample Date	12/18/2018	1/7/2019	1/7/2019	12/19/2018	12/18/2018	12/18/2018	12/19/2018	12/20/2018	12/20/2018
				Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y	Y
Analyte	Result Unit	PGW SCO	COMM SCO										
VOCs													
1,2-Dichloroethane	ug/kg	20	30000			190	99						
Acetone	ug/kg	50	500000	160									
Ethylbenzene	ug/kg	1000	390000					34000 J	61000 J	11000			
Methylene Chloride	ug/kg	50	500000			94							
N-Propylbenzene	ug/kg	3900	500000						5000 J				
Toluene	ug/kg	700	500000					5200 J	15000 J	2800			
Vinyl Chloride	ug/kg	20	13000			10000	430						
SVOCs													
Benzo(A)Anthracene	ug/kg	1000	5600					1000 J				1000	2100
Benzo(A)Pyrene	ug/kg	22000	1000										2200
Benzo(B)Fluoranthene	ug/kg	1700	5600										2600
Benzo(K)Fluoranthene	ug/kg	1700	56000										
Chrysene	ug/kg	1000	56000					1100					1900

NOTES:
- For sample type, N = normal and FD = field duplicate
- PGW SCO = NYSDEC Protection of Groundwater Soil Cleanup Objective
- COMM SCO = NYSDEC Commercial Soil Cleanup Objective

Table 1
Summary of Soil Data - SCO Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	RR-B-022	RR-B-022	RR-B-023
				Sample Type	N	N	N
				Sample ID	RR-B-022 (2-12)(12202018)	RR-B-022 (3-4)(12202018)	RR-B-023 (2-12)(12202018)
				Depth Range	2-12 in	3-4 ft	2-12 in
				Sample Date	12/20/2018	12/20/2018	12/20/2018
				Validated - Y/N	Y	Y	Y
Analyte	Result Unit	PGW SCO	COMM SCO				
VOCs							
1,2-Dichloroethane	ug/kg	20	30000				
Acetone	ug/kg	50	500000				
Ethylbenzene	ug/kg	1000	390000				
Methylene Chloride	ug/kg	50	500000				
N-Propylbenzene	ug/kg	3900	500000				
Toluene	ug/kg	700	500000				
Vinyl Chloride	ug/kg	20	13000				
SVOCs							
Benzo(A)Anthracene	ug/kg	1000	5600	4400	1700	7400	
Benzo(A)Pyrene	ug/kg	22000	1000	3900	1400	6800	
Benzo(B)Fluoranthene	ug/kg	1700	5600	4900	1700	8100	
Benzo(K)Fluoranthene	ug/kg	1700	56000	2300		4200	
Chrysene	ug/kg	1000	56000	4100	1500	6600	

NOTES:

- For sample type, N = normal and FD = field duplicate
- PGW SCO = NYSDEC Protection of Groundwater Soil Cleanup Objective
- COMM SCO = NYSDEC Commercial Soil Cleanup Objective

Table 2
Summary of Groundwater Data - Water Quality Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

			Location ID	OS-MW-001B	OS-MW-003A	OS-MW-003B	OS-MW-004A	OS-MW-004B	OS-MW-005A	OS-MW-005B	OS-MW-005B	OS-MW-005B
			Sample Type	N	N	N	N	N	N	FD	N	N
			Sample ID	OS-MW-001B	OS-MW-003A	OS-MW-003B	OS-MW-004A	OS-MW-004B	OS-MW-005A	DUP	OS-MW-005B	OS-MW-005B
			Sample Date	(01292019)	(01302019)	(01302019)	(01302019)	(01302019)	(01292019)	(01292019)	(01292019)	(01292019)
			Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y	Y
Analyte	Fraction	Result Unit	TOGS-1.1.1 GA STANDARD	TOGS-1.1.1 GA GUIDANCE								
Metals												
Antimony	T	mg/l	0.003								0.036 J	0.035 J
Arsenic	T	mg/l	0.025								0.28	0.3
Barium	T	mg/l	1								3	3.1
Beryllium	T	mg/l		0.003							0.021	0.021
Cadmium	T	mg/l	0.005								0.0057	0.0052
Chromium, Total	T	mg/l	0.05								0.6	0.61
Copper	T	mg/l	0.2								0.79	0.79
Iron	T	mg/l	0.3		0.33	8	3.8				1120 J	1140 J
Lead	T	mg/l	0.025								0.62	0.64
Magnesium	D	mg/l		35								
Magnesium	T	mg/l		35							298	298
Manganese	T	mg/l	0.3			0.65					25.1 J	25 J
Nickel	T	mg/l	0.1								1.2	1.2
Selenium	T	mg/l	0.01								0.015 J	0.015 J
Sodium	D	mg/l	20		75.3	23.7	33.3	61.1	61.2	81.9	55.4	55.7
Sodium	T	mg/l	20		75	22.9	34.8	61.2	61.5	83.6	47.8	48.8
VOCs												
1,1,2-Trichloroethane	NA	ug/l	1									
1,1-Dichloroethene	NA	ug/l	5									
1,2-Dichloroethane	NA	ug/l	0.6									
Ethylbenzene	NA	ug/l	5									
Isopropylbenzene	NA	ug/l	5									
Methylene Chloride	NA	ug/l	5									
N-Propylbenzene	NA	ug/l	50									
Toluene	NA	ug/l	5									
Vinyl Chloride	NA	ug/l	2									
Xylenes, Total	NA	ug/l	5									
SVOCs												
2,4-Dimethylphenol	NA	ug/l	1	50								
Other												
Chloride (as Cl)	NA	mg/l	250									

NOTES:
- For sample type, N = normal and FD = field duplicate
- For fraction, T = total; D = dissolved
- TOGS-1.1.1 = NYSDEC Technical Operations Guidance Series Memo No. 1.1.1
- GA = NYSDEC Class GA waters (groundwater)

Table 2
Summary of Groundwater Data - Water Quality Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	OS-MW-007A	OS-MW-007B	OS-MW-009B	OS-MW-011B	OS-MW-016A	OS-MW-020A	OS-MW-021B	OS-MW-022A
				Sample Type	N	N	N	N	N	N	N	N
				Sample ID	OS-MW-007A	OS-MW-007B	OS-MW-009B	OS-MW-011B	OS-MW-016A	OS-MW-020A	OS-MW-021B	OS-MW-022A
				Sample Date	(01292019)	(01292019)	(01292019)	(01282019)	(01282019)	(01292019)	(01282019)	(02062019)
				Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y
Analyte	Fraction	Result Unit	TOGS-1.1.1 GA STANDARD	TOGS-1.1.1 GA GUIDANCE								
Metals												
Antimony	T	mg/l	0.003									
Arsenic	T	mg/l	0.025									
Barium	T	mg/l	1									
Beryllium	T	mg/l		0.003								
Cadmium	T	mg/l	0.005									
Chromium, Total	T	mg/l	0.05									
Copper	T	mg/l	0.2									
Iron	T	mg/l	0.3		73	2.5			4.4	0.49	4.5	5.2
Lead	T	mg/l	0.025									
Magnesium	D	mg/l		35								
Magnesium	T	mg/l		35								
Manganese	T	mg/l	0.3		8.8	0.46					0.46	0.31
Nickel	T	mg/l	0.1									
Selenium	T	mg/l	0.01									
Sodium	D	mg/l	20		56.2	40.5	21.1	89.4			32.8	
Sodium	T	mg/l	20		56.7	39.5	20.7	90.5			45.2	
VOCs												
1,1,2-Trichloroethane	NA	ug/l	1									
1,1-Dichloroethene	NA	ug/l	5									
1,2-Dichloroethane	NA	ug/l	0.6									
Ethylbenzene	NA	ug/l	5									
Isopropylbenzene	NA	ug/l	5									
Methylene Chloride	NA	ug/l	5									
N-Propylbenzene	NA	ug/l	50									
Toluene	NA	ug/l	5									
Vinyl Chloride	NA	ug/l	2									
Xylenes, Total	NA	ug/l	5									
SVOCs												
2,4-Dimethylphenol	NA	ug/l	1	50								
Other												
Chloride (as Cl)	NA	mg/l	250									

NOTES:

- For sample type, N = normal and FD = field duplicate
- For fraction, T = total; D = dissolved
- TOGS-1.1.1 = NYSDEC Technical Operations Guidance Series Memo No. 1.1.1
- GA = NYSDEC Class GA waters (groundwater)

Table 2
Summary of Groundwater Data - Water Quality Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	OS-MW-029A	RR-MW-001A	RR-MW-001B	RR-MW-003B	RR-MW-004A	RR-MW-004B	RR-MW-005A	RR-MW-005B
				Sample Type	N	N	N	N	N	N	N	N
				Sample ID	OS-MW-029A	RR-MW-001A	RR-MW-001B	RR-MW-003B	RR-MW-004A	RR-MW-004B	RR-MW-005A	RR-MW-005B
				Sample Date	(01282019)	(01302019)	(01302019)	(01302019)	(01292019)	(01292019)	005A(01312019)	005B(01312019)
				Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y
Analyte	Fraction	Result Unit	TOGS-1.1.1 GA STANDARD	TOGS-1.1.1 GA GUIDANCE								
Metals												
Antimony	T	mg/l	0.003									
Arsenic	T	mg/l	0.025									
Barium	T	mg/l	1									
Beryllium	T	mg/l		0.003								
Cadmium	T	mg/l	0.005									
Chromium, Total	T	mg/l	0.05									
Copper	T	mg/l	0.2									
Iron	T	mg/l	0.3		9.2	5.6	0.38					5.4
Lead	T	mg/l	0.025									
Magnesium	D	mg/l		35								
Magnesium	T	mg/l		35								
Manganese	T	mg/l	0.3		0.61	0.38						0.5
Nickel	T	mg/l	0.1									
Selenium	T	mg/l	0.01									
Sodium	D	mg/l	20		137	35.8 J	38.6 J	36.5	30.3	42.2		53.2
Sodium	T	mg/l	20		142	33.6 J	37.9 J	36.8	28.3	45.7		52.4
VOCs												
1,1,2-Trichloroethane	NA	ug/l	1									
1,1-Dichloroethene	NA	ug/l	5									
1,2-Dichloroethane	NA	ug/l	0.6									32
Ethylbenzene	NA	ug/l	5									
Isopropylbenzene	NA	ug/l	5									
Methylene Chloride	NA	ug/l	5									
N-Propylbenzene	NA	ug/l	50									
Toluene	NA	ug/l	5									
Vinyl Chloride	NA	ug/l	2									640 J
Xylenes, Total	NA	ug/l	5									
SVOCs												
2,4-Dimethylphenol	NA	ug/l	1	50								
Other												
Chloride (as Cl)	NA	mg/l	250									

NOTES:
- For sample type, N = normal and FD = field duplicate
- For fraction, T = total; D = dissolved
- TOGS-1.1.1 = NYSDEC Technical Operations Guidance Series Memo No. 1.1.1
- GA = NYSDEC Class GA waters (groundwater)

Table 2
Summary of Groundwater Data - Water Quality Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	RR-MW-005BR	RR-MW-008A	RR-MW-010B	RR-MW-011A	RR-MW-018A	RR-MW-018B	RR-MW-019A	RR-MW-019B
				Sample Type	N	N	N	N	N	N	N	N
				Sample ID	RR-MW-005BR	RR-MW-008A(01312019)	RR-MW-010B(01302019)	RR-MW-011A(01302019)	RR-MW-018A(01282019)	RR-MW-018B(01282019)	RR-MW-019A(01312019)	RR-MW-019B(01312019)
				Sample Date	1/30/2019	1/31/2019	1/30/2019	1/30/2019	1/28/2019	1/28/2019	1/31/2019	1/31/2019
				Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y
Analyte	Fraction	Result Unit	TOGS-1.1.1 GA STANDARD	TOGS-1.1.1 GA GUIDANCE								
Metals												
Antimony	T	mg/l	0.003									
Arsenic	T	mg/l	0.025									
Barium	T	mg/l	1		2.7 J							
Beryllium	T	mg/l		0.003								
Cadmium	T	mg/l	0.005									
Chromium, Total	T	mg/l	0.05									
Copper	T	mg/l	0.2									
Iron	T	mg/l	0.3		32.6	8.4						
Lead	T	mg/l	0.025									
Magnesium	D	mg/l		35	167							
Magnesium	T	mg/l		35	147							
Manganese	T	mg/l	0.3		0.75	0.8					0.96	
Nickel	T	mg/l	0.1									
Selenium	T	mg/l	0.01									
Sodium	D	mg/l	20		629 J	52.8		42.2 J	54.7	37.8	54	58.8
Sodium	T	mg/l	20		553 J	58.8		43.8 J			54.3	60.2
VOCs												
1,1,2-Trichloroethane	NA	ug/l	1		95000		7.9					
1,1-Dichloroethene	NA	ug/l	5		1700							
1,2-Dichloroethane	NA	ug/l	0.6									
Ethylbenzene	NA	ug/l	5									
Isopropylbenzene	NA	ug/l	5									
Methylene Chloride	NA	ug/l	5		49000							
N-Propylbenzene	NA	ug/l	50									
Toluene	NA	ug/l	5									
Vinyl Chloride	NA	ug/l	2		11000		3.6					
Xylenes, Total	NA	ug/l	5									
SVOCs												
2,4-Dimethylphenol	NA	ug/l	1	50								
Other												
Chloride (as Cl)	NA	mg/l	250		1890							

NOTES:

- For sample type, N = normal and FD = field duplicate
- For fraction, T = total; D = dissolved
- TOGS-1.1.1 = NYSDEC Technical Operations Guidance Series Memo No. 1.1.1
- GA = NYSDEC Class GA waters (groundwater)

Table 2
Summary of Groundwater Data - Water Quality Exceedances
River Road Supplemental Site Characterization
NYSDEC Site Number 442008

				Location ID	RR-MW-020A	RR-MW-020B	RR-MW-020B	RR-TMW-015	RR-TMW-016	RR-TMW-017
				Sample Type	N	FD	N	N	N	N
				Sample ID	RR-MW-020A(01312019)	DUP(01312019)	RR-MW-020B(01312019)	RR-TMW-015(01302019)	RR-TMW-016(01302019)	RR-MW-TMW-017(01282019)
				Sample Date	1/31/2019	1/31/2019	1/31/2019	1/30/2019	1/30/2019	1/28/2019
				Validated - Y/N	Y	Y	Y	Y	Y	Y
Analyte	Fraction	Result Unit	TOGS-1.1.1 GA STANDARD	TOGS-1.1.1 GA GUIDANCE						
Metals										
Antimony	T	mg/l	0.003							
Arsenic	T	mg/l	0.025							
Barium	T	mg/l	1							
Beryllium	T	mg/l		0.003						
Cadmium	T	mg/l	0.005							
Chromium, Total	T	mg/l	0.05							
Copper	T	mg/l	0.2							
Iron	T	mg/l	0.3		14.5					
Lead	T	mg/l	0.025							
Magnesium	D	mg/l		35						
Magnesium	T	mg/l		35						
Manganese	T	mg/l	0.3		13.4	0.45	0.43			
Nickel	T	mg/l	0.1							
Selenium	T	mg/l	0.01							
Sodium	D	mg/l	20			70.8	74	112 J	48.9 J	43.2
Sodium	T	mg/l	20			77.8	77.5	114 J		
VOCs										
1,1,2-Trichloroethane	NA	ug/l	1			7.3	7.2			
1,1-Dichloroethene	NA	ug/l	5							
1,2-Dichloroethane	NA	ug/l	0.6			1.8 J	1.8 J			
Ethylbenzene	NA	ug/l	5		1500	34	36			
Isopropylbenzene	NA	ug/l	5		260					
Methylene Chloride	NA	ug/l	5							
N-Propylbenzene	NA	ug/l	50		120					
Toluene	NA	ug/l	5		980	10	11			
Vinyl Chloride	NA	ug/l	2							
Xylenes, Total	NA	ug/l	5		9600	230	240			
SVOCs										
2,4-Dimethylphenol	NA	ug/l	1	50	21	1.1 J	1 J			
Other										
Chloride (as Cl)	NA	mg/l	250							

NOTES:

- For sample type, N = normal and FD = field duplicate
- For fraction, T = total; D = dissolved
- TOGS-1.1.1 = NYSDEC Technical Operations Guidance Series Memo No. 1.1.1
- GA = NYSDEC Class GA waters (groundwater)

Table 3
Estimated Project Schedule for Soil Vapor Sampling
River Road Supplemental SC Phase 2

<i>Milestone</i>	<i>Date/Duration*</i>
Submit Supplemental SC Phase 2 Scope of Work to NYSDEC	31-July-2019
Mobilization and Initiate Site Work	2 weeks after receipt of DEC approval
Complete Subsurface Clearance Site Work	2 weeks after start of mobilization
Complete Installation of Passive Soil Vapor Samplers	2 weeks after completion of subsurface clearance site work
Complete Collection of Passive Soil Vapor Samplers	2 weeks after completion of installation of soil vapor samplers
Preliminary Passive Soil Vapor Analytical Results received	3 weeks after collection of soil vapor samplers
Meeting with NYSDEC/NYSDOH	2 weeks after receipt of preliminary analytical results

* The schedule is estimated and tentative and is subject to change based on contractor availability, site conditions, turn-around time for receipt of laboratory analytical reports, and other considerations.