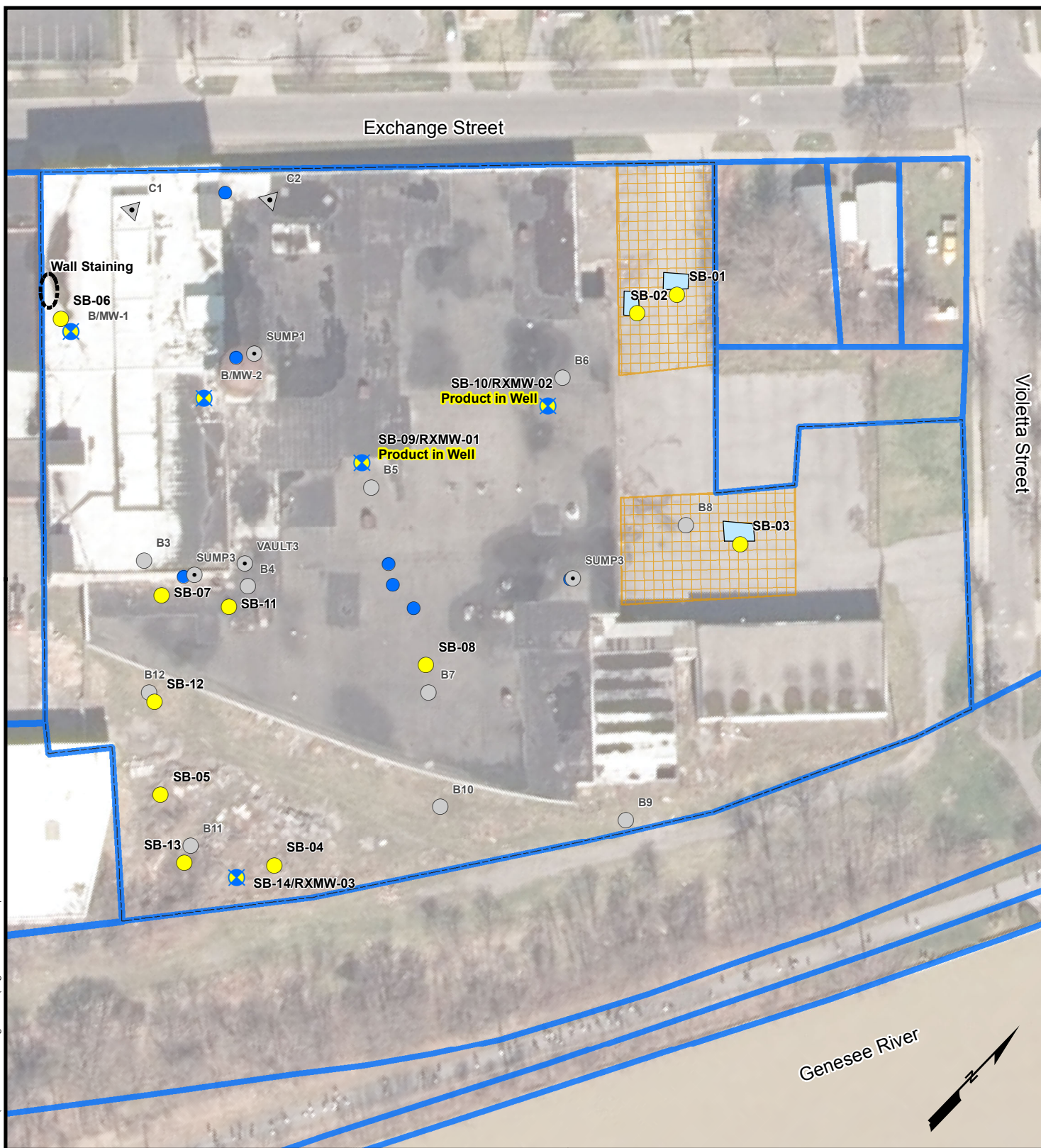


T:\GIS\XOM\Rochester\0172.0180M009\MXDs\920 Exchange St\Figure 2 Sample Locations.mxd



Investigation Locations

- Soil Boring
- Monitoring Well
- Sump/Drain Features
- Approximate Former UST Location
- Property Boundaries
- Approximate Areas of GPR Survey

Confirmatory Phase II Site Investigation Locations Stantec (2017)

- Concrete Sample
- Soil Boring
- Sump/Vault Water Sample

DRAFT

Source:
Base Map Image: NYS Orthos Online
<https://orthos.dhss.ny.gov/?id=974126>

Notes:
-All locations are approximate



Title:

SITE PLAN

920 EXCHANGE STREET, ROCHESTER, NY
NYSDEC SPILL NO. 1601806

Prepared For:
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: GV	Date: 02MAR18
Prepared by: GV	Scale: AS SHOWN
Project Mgr: MC	Project: 0172.0180M010
File: Figure 2 Sample Locations.mxd	

FIGURE

2

Table X: Soil Data

						LOCATION		SB-01	SB-02	SB-03	SB-04	SB-05	SB-06	SB-07 (3-4.5)	SB-09 (4-7.2)	SB-10A (0.5-1.7)	SB-10B (4-7.9)	SB-11 (3-4)	SB-12	SB-13	SB-14
						SAMPLING DATE		4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/24/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/25/2017	4/26/2017	4/26/2017	4/26/2017
						LAB SAMPLE ID		L1712957-01	L1712957-02	L1712957-03	L1712957-04	L1712957-05	L1712957-07	L1712957-06	L1712957-08	L1712957-09	L1712957-10	L1712957-11	L1713347-03	L1713347-02	L1713347-01
						SAMPLE TYPE		SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
						SAMPLE DEPTH (ft.)		6-8	6-8	5-7	5.5-7.1	5-7	0.5-3.5	3-4.5	4-7.2	0.5-1.7	4-7.9	3-4	7-11.1	4-6.2	6-7.1
Analyte		CasNum	NY-RESI	NY-RESC	NY-RESRR	NY-UNRES	Units														
	o-Xylene	95-47-6	--	--	--	--	mg/kg	0.0017 U	0.11 U	0.1 U	2.3 U	0.21 U	0.46 U	0.094 J	0.023 J	4.4	0.091 U	0.0019 U	0.12 U	0.0016 J	1.5 U
	Xylenes, Total	1330-20-7	1000	500	100	0.26	mg/kg	0.0005 J	0.11 U	0.1 U	2.3 U	0.11	0.46 U	0.29 J	0.023 J	18	0.041 J	0.0019 U	0.029 J	0.0073 J	1.5 U
	cis-1,2-Dichloroethene	156-59-2	1000	500	100	0.25	mg/kg	0.00087 U	0.055 U	0.052 U	1.2 U	0.11 U	0.23 U	0.057 U	0.058 U	0.12 U	0.046 U	0.00094 U	0.061 U	0.003	0.76 U
	1,2-Dichloroethene, Total	540-59-0	--	--	--	--	mg/kg	0.00087 U	0.055 U	0.052 U	1.2 U	0.11 U	0.23 U	0.057 U	0.058 U	0.12 U	0.046 U	0.00094 U	0.061 U	0.003	0.76 U
	Dibromomethane	74-95-3	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	1,4-Dichlorobutane	110-56-5	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	1,2,3-Trichloropropane	96-18-4	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	Styrene	100-42-5	--	--	--	--	mg/kg	0.0017 U	0.11 U	0.1 U	2.3 U	0.21 U	0.46 U	0.11 U	0.12 U	0.24 U	0.091 U	0.0019 U	0.12 U	0.0018 U	1.5 U
	Dichlorodifluoromethane	75-71-8	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	Acetone	67-64-1	1000	500	100	0.05	mg/kg	0.0082 J	2 U	0.12 J	41 U	3.8 U	8.2 U	2 U	2.1 U	4.3 U	1.6 U	0.034 U	2.2 U	0.068	27 U
	Carbon disulfide	75-15-0	--	--	--	--	mg/kg	0.0087 U	0.12 J	0.081 J	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0041 J	1.8 J
	2-Butanone	78-93-3	1000	500	100	0.12	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	Vinyl acetate	108-05-4	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	4-Methyl-2-pentanone	108-10-1	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	2-Hexanone	591-78-6	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	Ethyl methacrylate	97-63-2	--	--	--	--	mg/kg	0.0087 U	0.55 U	0.52 U	12 U	1.1 U	2.3 U	0.57 U	0.58 U	1.2 U	0.46 U	0.0094 U	0.61 U	0.0089 U	7.6 U
	Acrylonitrile	107-13-1	--	--	--	--	mg/kg	0.0035 U	0.22 U	0.21 U	4.6 U	0.43 U	0.91 U	0.23 U	0.23 U	0.48 U	0.18 U	0.0038 U	0.24 U	0.0035 U	3 U
	Bromochloromethane	74-97-5	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	Tetrahydrofuran	109-99-9	--	--	--	--	mg/kg	0.017 U	1.1 U	1 U	23 U	2.1 U	4.6 U	1.1 U	1.2 U	2.4 U	0.91 U	0.019 U	1.2 U	0.018 U	15 U
	2,2-Dichloropropane	594-20-7	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	1,2-Dibromoethane	106-93-4	--	--	--	--	mg/kg	0.0035 U	0.22 U	0.21 U	4.6 U	0.43 U	0.91 U	0.23 U	0.23 U	0.48 U	0.18 U	0.0038 U	0.24 U	0.0035 U	3 U
	1,3-Dichloropropane	142-28-9	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	1,1,1,2-Tetrachloroethane	630-20-6	--	--	--	--	mg/kg	0.00087 U	0.055 U	0.052 U	1.2 U	0.11 U	0.23 U	0.057 U	0.058 U	0.12 U	0.046 U	0.00094 U	0.061 U	0.00089 U	0.76 U
	Bromobenzene	108-86-1	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	n-Butylbenzene	104-51-8	1000	500	100	12	mg/kg	0.00087 U	0.016 J	0.043 J	1.2 U	0.3	0.24	0.031 J	0.33	0.21	0.13	0.00094 U	0.019 J	0.00053 J	0.76 U
	sec-Butylbenzene	135-98-8	1000	500	100	11	mg/kg	0.00087 U	0.12	0.24	0.54 J	0.36	0.61	0.037 J	0.34	0.2	0.23	0.00094 U	0.014 J	0.00095	0.37 J
	tert-Butylbenzene	98-06-6	1000	500	100	5.9	mg/kg	0.0043 U	0.22 J	0.14 J	5.8 U	0.085 J	0.17 J	0.28 U	0.29 U	0.046 J	0.064 J	0.0047 U	0.3 U	0.00053 J	0.19 J
	o-Chlorotoluene	95-49-8	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	p-Chlorotoluene	106-43-4	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	1,2-Dibromo-3-chloropropane	96-12-8	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	Hexachlorobutadiene	87-68-3	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	Isopropylbenzene	98-82-8	--	--	--	--	mg/kg	0.00087 U	0.055 U	0.18	1.2 U	0.53	0.52	0.04 J	0.11	0.45	0.47	0.00094 U	0.061 U	0.0015	0.76 U
	p-Isopropyltoluene	99-87-6	--	--	--	--	mg/kg	0.00087 U	0.055 U	0.052 U	1.2 U	0.47	0.23 U	0.046 J	0.019 J	0.29	0.049	0.00094 U	0.061 U	0.00089 U	0.76 U
	Naphthalene	91-20-3	1000	500	100	12	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.44 J	1.3	6.3	0.19 J	0.51 J	0.082 J	0.0061	0.3 U	0.0044 U	3.8 U
	n-Propylbenzene	103-65-1	1000	500	100	3.9	mg/kg	0.00087 U	0.055 U	0.052 U	1.2 U	0.75	0.66	0.049 J	0.033 J	0.94	0.43	0.00094 U	0.061 U	0.00062 J	0.76 U
	1,2,3-Trichlorobenzene	87-61-6	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	1,2,4-Trichlorobenzene	120-82-1	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	1,3,5-Trimethylbenzene	108-67-8	380	190	52	8.4	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	2.5	1.1 U	0.2 J	0.29 U	2.9	0.048 J	0.0047 U	0.3 U	0.0013 J	3.8 U
	1,2,4-Trimethylbenzene	95-63-6	380	190	52	3.6	mg/kg	0.00025 J	0.27 U	0.26 U	5.8 U	6.2	0.27 J	0.35	0.031 J	5.1	0.028 J	0.0047 U	0.018 J	0.0022 J	3.8 U
	trans-1,4-Dichloro-2-butene	110-57-6	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U
	Ethyl ether	60-29-7	--	--	--	--	mg/kg	0.0043 U	0.27 U	0.26 U	5.8 U	0.53 U	1.1 U	0.28 U	0.29 U	0.6 U	0.23 U	0.0047 U	0.3 U	0.0044 U	3.8 U

Notes:
-- No standard available
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
U - Not detected at the reported detection limit for the sample.
J - Presumptive evidence of compound
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

			LOCATION		MW-1	MW-2	RXMW-3	
			SAMPLING DATE		4/26/2017	4/27/2017	4/27/2017	
			LAB SAMPLE ID		L1713548-01	L1713548-02	L1713548-03	
			SAMPLE TYPE		GW	GW	GW	
Analyte	CasNum	NY-AWQS	NY-TOGS-GA	Units				
General Chemistry								
	Cyanide, Total	57-12-5	200	400	ug/l	6	12	2 J
Organochlorine Pesticides								
	Alpha-BHC	319-84-6	0.01	0.01	ug/l	0.0005 U	0.0006 U	0.0004 U
	Hexachlorobenzene	118-74-1	0.04	0.04	ug/l	0.0022 U	0.0027 U	0.0018 U
	Beta-BHC	319-85-7	0.04	0.04	ug/l	0.0005 U	0.0006 U	0.0004 U
	gamma-BHC	58-89-9	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	Delta-BHC	319-86-8	0.04	0.04	ug/l	0.0005 U	0.0006 U	0.0004 U
	Heptachlor	76-44-8	0.04	0.04	ug/l	0.0005 U	0.0006 U	0.0004 U
	Aldrin	309-00-2	0	0	ug/l	0.001 U	0.0012 U	0.0008 U
	Heptachlor epoxide	1024-57-3	0.03	0.03	ug/l	0.0005 U	0.0006 U	0.0004 U
	Oxychlordane	27304-13-8	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	trans-Chlordane	5103-74-2	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	2,4'-DDE	3424-82-6	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endosulfan I	959-98-8	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	cis-Chlordane	5103-71-9	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	trans-Nonachlor	39765-80-5	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	4,4'-DDE	72-55-9	0.2	0.2	ug/l	0.0005 U	0.0006 U	0.0004 U
	Dieldrin	60-57-1	0.004	0.004	ug/l	0.0005 U	0.0006 U	0.0004 U
	2,4'-DDD	53-19-0	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endrin	72-20-8	0	0	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endosulfan II	33213-65-9	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	4,4'-DDD	72-54-8	0.3	0.3	ug/l	0.0005 U	0.0006 U	0.0004 U
	2,4'-DDT	789-02-6	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	cis-Nonachlor	5103-73-1	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endrin aldehyde	7421-93-4	5	5	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endosulfan sulfate	1031-07-8	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	4,4'-DDT	50-29-3	0.2	0.2	ug/l	0.0005 U	0.0006 U	0.0004 U
	Endrin ketone	53494-70-5	5	5	ug/l	0.0005 U	0.0006 U	0.0004 U
	Methoxychlor	72-43-5	35	35	ug/l	0.0056 U	0.0067 U	0.0047 U
	Mirex	2385-85-5	--	--	ug/l	0.0005 U	0.0006 U	0.0004 U
	Toxaphene	8001-35-2	0.06	0.06	ug/l	0.0284 U	0.0338 U	0.0236 U
	Chlordane	57-74-9	0.05	0.05	ug/l	0.0284 U	0.0338 U	0.0236 U
Polychlorinated Biphenyls								
	Aroclor 1016	12674-11-2	0.09	0.09	ug/l	0.022 U	0.027 U	0.018 U
	Aroclor 1221	11104-28-2	0.09	0.09	ug/l	0.022 U	0.027 U	0.018 U
	Aroclor 1232	11141-16-5	0.09	0.09	ug/l	0.022 U	0.027 U	0.018 U
	Aroclor 1242	53469-21-9	0.09	0.09	ug/l	0.022 U	0.027 U	0.018 U
	Aroclor 1248	12672-29-6	0.09	0.09	ug/l	0.022 U	0.027 U	0.018 U
	Aroclor 1254	11097-69-1	0.09	0.09	ug/l	0.023 U	0.027 U	0.019 U
	Aroclor 1260	11096-82-5	0.09	0.09	ug/l	0.023 U	0.027 U	0.019 U
	Aroclor 1262	37324-23-5	0.09	0.09	ug/l	0.023 U	0.027 U	0.019 U
	Aroclor 1268	11100-14-4	0.09	0.09	ug/l	0.023 U	0.027 U	0.019 U
	PCBs, Total	1336-36-3	--	--	ug/l	0.023 U	0.027 U	0.019 U
Semivolatile Organics								
	N-Nitrosodimethylamine	62-75-9	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Pyridine	110-86-1	50	50	ug/l	6.67 U	0.758 U	2.72 U
	Benzaldehyde	100-52-7	--	--	ug/l	26.7 U	3.03 U	10.9 U
	Aniline	62-53-3	5	5	ug/l	13.3 U	1.52 U	5.43 U
	bis(2-Chloroethyl)ether	111-44-4	1	1	ug/l	6.67 U	0.758 U	2.6 J
	Phenol	108-95-2	1	2	ug/l	6.67 U	0.758 U	2.72 U
	2-Chlorophenol	95-57-8	--	--	ug/l	6.67 U	0.758 U	0.511 J
	1,3-Dichlorobenzene	541-73-1	3	3	ug/l	6.67 U	0.758 U	2.72 U
	1,4-Dichlorobenzene	106-46-7	3	3	ug/l	6.67 U	0.758 U	0.565 J
	1,2-Dichlorobenzene	95-50-1	3	3	ug/l	6.67 U	0.758 U	2.72 U
	Benzyl alcohol	100-51-6	--	--	ug/l	6.67 U	0.758 U	2.72 U
	bis(2-chloroisopropyl)ether	108-60-1	5	5	ug/l	6.67 U	0.758 U	2.58 J
	2-Methylphenol	95-48-7	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Acetophenone	98-86-2	--	--	ug/l	13.3 U	0.576 J	5.43 U
	Hexachloroethane	67-72-1	5	5	ug/l	6.67 U	0.758 U	2.72 U
	N-Nitroso-di-n-propylamine	621-64-7	--	--	ug/l	6.67 U	0.758 U	2.72 U
	4-Methylphenol	106-44-5	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Nitrobenzene	98-95-3	0.4	0.4	ug/l	6.67 U	0.758 U	2.72 U
	Isophorone	78-59-1	50	50	ug/l	6.67 U	0.758 U	2.72 U
	2-Nitrophenol	88-75-5	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2,4-Dimethylphenol	105-67-9	50	2	ug/l	26.7 U	3.03 U	10.9 U
	Benzoic acid	65-85-0	--	--	ug/l	533 U	60.6 U	217 U
	bis(2-Chloroethoxy)methane	111-91-1	5	5	ug/l	6.67 U	0.758 U	2.72 U
	2,4-Dichlorophenol	120-83-2	1	2	ug/l	6.67 U	0.758 U	2.72 U
	1,2,4-Trichlorobenzene	120-82-1	5	5	ug/l	6.67 U	0.758 U	2.72 U
	Naphthalene	91-20-3	10	10	ug/l	6.67 U	0.521 J	2.72 U
	4-Chloroaniline	106-47-8	5	5	ug/l	6.67 U	0.758 U	2.72 U

	Hexachlorobutadiene	87-68-3	0.5	0.5	ug/l	6.67 U	0.758 U	2.72 U
	Caprolactam	105-60-2	--	--	ug/l	26.7 U	3.03 U	10.9 U
	4-Chloro-3-methylphenol	59-50-7	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2-Methylnaphthalene	91-57-6	--	--	ug/l	6.67 U	0.758 U	2.72 U
	1,2,4,5-Tetrachlorobenzene	95-94-3	5	5	ug/l	6.67 U	0.758 U	2.72 U
	Hexachlorocyclopentadiene	77-47-4	5	5	ug/l	6.67 U	0.758 U	2.72 U
	2,4,6-Trichlorophenol	88-06-2	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2,4,5-Trichlorophenol	95-95-4	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Biphenyl	92-52-4	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2-Chloronaphthalene	91-58-7	10	10	ug/l	6.67 U	0.758 U	2.72 U
	2-Nitroaniline	88-74-4	5	5	ug/l	6.67 U	0.758 U	2.72 U
	Acenaphthylene	208-96-8	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Dimethylphthalate	131-11-3	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2,6-Dinitrotoluene	606-20-2	5	5	ug/l	6.67 U	0.758 U	2.72 U
	Acenaphthene	83-32-9	20	20	ug/l	6.67 U	0.758 U	2.72 U
	3-Nitroaniline	99-09-2	5	5	ug/l	6.67 U	0.758 U	2.72 U
	2,4-Dinitrophenol	51-28-5	10	2	ug/l	66.7 U	7.58 U	27.2 U
	Dibenzofuran	132-64-9	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2,3,4,6-Tetrachlorophenol	58-90-2	--	--	ug/l	6.67 U	0.758 U	2.72 U
	2,4-Dinitrotoluene	121-14-2	5	5	ug/l	6.67 U	0.758 U	2.72 U
	4-Nitrophenol	100-02-7	--	--	ug/l	33.3 U	3.79 U	13.6 U
	Fluorene	86-73-7	50	50	ug/l	6.67 U	0.758 U	2.72 U
	4-Chlorophenyl-phenylether	7005-72-3	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Diethylphthalate	84-66-2	--	--	ug/l	6.67 U	0.758 U	2.72 U
	4-Nitroaniline	100-01-6	5	5	ug/l	6.67 U	0.758 U	2.72 U
	4,6-Dinitro-2-methylphenol	534-52-1	--	--	ug/l	26.7 U	3.03 U	10.9 U
	Azobenzene	103-33-3	5	5	ug/l	6.67 U	0.758 U	2.72 U
	n-Nitrosodiphenylamine	86-30-6	50	50	ug/l	6.67 U	0.758 U	2.72 U
	4-Bromophenyl-phenylether	101-55-3	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Hexachlorobenzene	118-74-1	0.04	0.04	ug/l	6.67 U	0.758 U	2.72 U
	Atrazine	1912-24-9	7.5	7.5	ug/l	6.67 U	0.758 U	2.72 U
	Pentachlorophenol	87-86-5	1	2	ug/l	26.7 U	3.03 U	10.9 U
	Pentachloronitrobenzene	82-68-8	0	0	ug/l	6.67 U	0.758 U	2.72 U
	Phenanthrene	85-01-8	50	50	ug/l	1.85 J	0.27 J	2.72 U
	Anthracene	120-12-7	50	50	ug/l	6.67 U	0.758 U	2.72 U
	Carbazole	86-74-8	--	--	ug/l	6.67 U	0.438 J	2.72 U
	Di-n-butylphthalate	84-74-2	50	50	ug/l	6.67 U	0.758 U	2.72 U
	Fluoranthene	206-44-0	50	50	ug/l	6.67 U	0.758 U	2.72 U
	Benzidine	92-87-5	5	5	ug/l	267 U	30.3 U	109 U
	Pyrene	129-00-0	50	50	ug/l	6.67 U	0.758 U	2.72 U
	Butylbenzylphthalate	85-68-7	--	--	ug/l	6.67 U	0.758 U	2.72 U
	3,3'-Dichlorobenzidine	91-94-1	5	5	ug/l	6.67 U	0.758 U	2.72 U
	Benz(a)anthracene	56-55-3	0.002	0.002	ug/l	6.67 U	0.758 U	2.72 U
	Chrysene	218-01-9	0.002	0.002	ug/l	6.67 U	0.758 U	2.72 U
	bis(2-Ethylhexyl)phthalate	117-81-7	5	5	ug/l	6.67 U	0.332 J	2.72 U
	Di-n-octylphthalate	117-84-0	50	50	ug/l	13.3 U	1.52 U	5.43 U
	Benzo(b)fluoranthene	205-99-2	0.002	0.002	ug/l	6.67 U	0.758 U	2.72 U
	Benzo(k)fluoranthene	207-08-9	0.002	0.002	ug/l	6.67 U	0.758 U	2.72 U
	Benzo(a)pyrene	50-32-8	0	0	ug/l	6.67 U	0.758 U	2.72 U
	Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.002	ug/l	6.67 U	0.758 U	2.72 U
	Dibenz(a,h)anthracene	53-70-3	--	--	ug/l	6.67 U	0.758 U	2.72 U
	Benzo(g,h,i)perylene	191-24-2	--	--	ug/l	6.67 U	0.758 U	2.72 U
Total Metals								
	Aluminum, Total	7429-90-5	--	2000	ug/l	479	101	94.5
	Antimony, Total	7440-36-0	3	6	ug/l	4 U	4 U	4 U
	Arsenic, Total	7440-38-2	25	50	ug/l	5.54	12.05	2.21
	Barium, Total	7440-39-3	1000	2000	ug/l	111.2	244.4	125.4
	Beryllium, Total	7440-41-7	3	3	ug/l	0.3 U	0.3 U	0.3 U
	Cadmium, Total	7440-43-9	5	10	ug/l	0.2 U	0.2 U	0.2 U
	Calcium, Total	7440-70-2	--	--	ug/l	58500	88500	146000
	Chromium, Total	7440-47-3	50	100	ug/l	1.58	0.32 J	0.76
	Cobalt, Total	7440-48-4	--	--	ug/l	1.51	0.43 J	0.55
	Copper, Total	7440-50-8	200	1000	ug/l	1.31	0.66 J	0.4 J
	Iron, Total	7439-89-6	300	600	ug/l	12400	3370	15600
	Lead, Total	7439-92-1	25	50	ug/l	1.02	0.53 J	0.4 J
	Magnesium, Total	7439-95-4	35000	35000	ug/l	32700	50300	52800
	Manganese, Total	7439-96-5	300	600	ug/l	391.8	70.31	692.5
	Mercury, Total	7439-97-6	0.7	1.4	ug/l	0.05 U	0.05 U	0.05 U
	Nickel, Total	7440-02-0	100	200	ug/l	1.92 J	1.2 J	0.81 J
	Potassium, Total	7440-09-7	--	--	ug/l	7640	21200	10400
	Selenium, Total	7782-49-2	10	20	ug/l	5 U	5 U	5 U
	Silver, Total	7440-22-4	50	100	ug/l	0.19 J	0.4 U	0.4 U
	Sodium, Total	7440-23-5	20000	--	ug/l	359000	335000	86200
	Thallium, Total	7440-28-0	0.5	0.5	ug/l	0.5 U	0.5 U	0.5 U
	Vanadium, Total	7440-62-2	--	--	ug/l	1.98 J	5 U	5 U
	Zinc, Total	7440-66-6	2000	5000	ug/l	7.89 J	10 U	7.68 J

Table 2
Groundwater Analytical Results

T:\Projects\ExxonMobil 172\Rochester, NY Vacuum Oil Terminal\920 Exchange Street\CD to Property Owner\GW.xls

Volatile Organics								
Methylene chloride	75-09-2	5	5	ug/l	3 U	3 U	3 U	
1,1-Dichloroethane	75-34-3	5	5	ug/l	0.75 U	0.75 U	0.75 U	
Chloroform	67-66-3	7	7	ug/l	0.75 U	0.75 U	0.75 U	
Carbon tetrachloride	56-23-5	5	5	ug/l	0.5 U	0.5 U	0.5 U	
1,2-Dichloropropane	78-87-5	1	1	ug/l	1.8 U	1.8 U	1.8 U	
Dibromochloromethane	124-48-1	50	50	ug/l	0.5 U	0.5 U	0.5 U	
1,1,2-Trichloroethane	79-00-5	1	1	ug/l	0.75 U	0.75 U	0.75 U	
Tetrachloroethene	127-18-4	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Chlorobenzene	108-90-7	5	5	ug/l	0.53	0.5 U	100	
Trichlorofluoromethane	75-69-4	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,2-Dichloroethane	107-06-2	0.6	0.6	ug/l	0.5 U	0.5 U	0.5 U	
1,1,1-Trichloroethane	71-55-6	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Bromodichloromethane	75-27-4	50	50	ug/l	0.5 U	0.5 U	0.5 U	
trans-1,3-Dichloropropene	10061-02-6	0.4	0.4	ug/l	0.5 U	0.5 U	0.5 U	
cis-1,3-Dichloropropene	10061-01-5	0.4	0.4	ug/l	0.5 U	0.5 U	0.5 U	
1,3-Dichloropropene, Total	542-75-6	--	--	ug/l	0.5 U	0.5 U	0.5 U	
1,1-Dichloropropene	563-58-6	5	5	ug/l	2.5 U	2.5 U	2.5 U	
Bromoform	75-25-2	50	50	ug/l	2 U	2 U	2 U	
1,1,2,2-Tetrachloroethane	79-34-5	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Benzene	71-43-2	1	1	ug/l	0.22 J	0.5 U	4.3	
Toluene	108-88-3	5	5	ug/l	0.75 U	0.75 U	0.76	
Ethylbenzene	100-41-4	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Chloromethane	74-87-3	--	--	ug/l	2.5 U	2.5 U	2.5 U	
Bromomethane	74-83-9	5	5	ug/l	1 U	1 U	1 U	
Vinyl chloride	75-01-4	2	2	ug/l	1 U	1 U	1 U	
Chloroethane	75-00-3	5	5	ug/l	1 U	1 U	1 U	
1,1-Dichloroethene	75-35-4	5	5	ug/l	0.5 U	0.5 U	0.5 U	
trans-1,2-Dichloroethene	156-60-5	5	5	ug/l	0.75 U	0.75 U	0.75 U	
1,2-Dichloroethene, Total	540-59-0	--	--	ug/l	0.5 U	0.5 U	0.5 U	
Trichloroethene	79-01-6	5	5	ug/l	0.5 U	0.5 U	0.5 U	
1,2-Dichlorobenzene	95-50-1	3	3	ug/l	0.24 J	2.5 U	0.24 J	
1,3-Dichlorobenzene	541-73-1	3	3	ug/l	2.5 U	2.5 U	2.5 U	
1,4-Dichlorobenzene	106-46-7	3	3	ug/l	2.5 U	2.5 U	1.2 J	
Methyl tert butyl ether	1634-04-4	10	10	ug/l	1 U	1 U	1 U	
p/m-Xylene	179601-23-1	5	5	ug/l	1 U	1 U	1 U	
o-Xylene	95-47-6	5	5	ug/l	1 U	1 U	1 U	
Xylenes, Total	1330-20-7	--	--	ug/l	1 U	1 U	1 U	
cis-1,2-Dichloroethene	156-59-2	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Dibromomethane	74-95-3	5	5	ug/l	5 U	5 U	5 U	
1,4-Dichlorobutane	110-56-5	--	--	ug/l	5 U	5 U	5 U	
1,2,3-Trichloropropane	96-18-4	0.04	0.04	ug/l	5 U	5 U	5 U	
Styrene	100-42-5	5	930	ug/l	1 U	1 U	1 U	
Dichlorodifluoromethane	75-71-8	5	5	ug/l	5 U	5 U	5 U	
Acetone	67-64-1	50	50	ug/l	4.9 J	10	5 U	
Carbon disulfide	75-15-0	60	60	ug/l	5 U	5 U	5 U	
2-Butanone	78-93-3	50	50	ug/l	5 U	5 U	5 U	
Vinyl acetate	108-05-4	--	--	ug/l	5 U	5 U	3.1 J	
4-Methyl-2-pentanone	108-10-1	--	--	ug/l	5 U	5 U	5 U	
2-Hexanone	591-78-6	50	50	ug/l	5 U	5 U	5 U	
Ethyl methacrylate	97-63-2	--	--	ug/l	5 U	5 U	5 U	
Acrylonitrile	107-13-1	5	5	ug/l	5 U	5 U	5 U	
Bromochloromethane	74-97-5	5	5	ug/l	2.5 U	2.5 U	2.5 U	
Tetrahydrofuran	109-99-9	50	50	ug/l	5 U	5 U	5 U	
2,2-Dichloropropane	594-20-7	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,2-Dibromoethane	106-93-4	0.0006	0.0006	ug/l	2 U	2 U	2 U	
1,3-Dichloropropane	142-28-9	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,1,1,2-Tetrachloroethane	630-20-6	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Bromobenzene	108-86-1	5	5	ug/l	2.5 U	2.5 U	2.5 U	
n-Butylbenzene	104-51-8	5	5	ug/l	0.5 U	0.5 U	0.26 J	
sec-Butylbenzene	135-98-8	5	5	ug/l	0.5 U	0.26 J	1.8	
tert-Butylbenzene	98-06-6	5	5	ug/l	2.5 U	0.25 J	2.6	
o-Chlorotoluene	95-49-8	5	5	ug/l	2.5 U	2.5 U	2.5 U	
p-Chlorotoluene	106-43-4	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.04	ug/l	2.5 U	2.5 U	2.5 U	
Hexachlorobutadiene	87-68-3	0.5	0.5	ug/l	0.5 U	0.5 U	0.5 U	
Isopropylbenzene	98-82-8	5	5	ug/l	0.5 U	0.78	0.52	
p-Isopropyltoluene	99-87-6	5	5	ug/l	0.5 U	0.5 U	0.5 U	
Naphthalene	91-20-3	10	10	ug/l	1.1 J	1.2 J	2.5 U	
n-Propylbenzene	103-65-1	5	5	ug/l	0.5 U	0.61	0.5 U	
1,2,3-Trichlorobenzene	87-61-6	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,2,4-Trichlorobenzene	120-82-1	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,3,5-Trimethylbenzene	108-67-8	5	5	ug/l	2.5 U	2.5 U	2.5 U	
1,2,4-Trimethylbenzene	95-63-6	5	5	ug/l	2.5 U	0.9 J	0.2 J	
trans-1,4-Dichloro-2-butene	110-57-6	5	5	ug/l	2.5 U	2.5 U	2.5 U	
Ethyl ether	60-29-7	--	--	ug/l	2.5 U	2.5 U	2.5 U	

Notes:
-- No standard or guidance value available
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
NY-TOGS-GA: New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.
J - Presumptive evidence of compound.



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SOIL BORING LOG

WELL NO. SB-01	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Sara Barrientos	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Native
		SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 4/24/17-4/24/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		CONCRETE, rebar enforced.		G	0.0	
2		Light brown fine SAND and Silt; moist.		G	0.0	
3		Light brown fine to medium SAND, some Gravel; moist.			0.0	
4						
5		Light brown fine to medium SAND, some Gravel; moist.			2.9	Hand cleared to 5 ft.
6						SB-01 (6-8) sample collected.
7						
8						Refusal at 8 ft.



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SOIL BORING LOG

WELL NO. SB-02	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Native	START-FINISH DATE 4/24/17-4/24/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
		ASPHALT.		G	0.0	
1		CONCRETE.		G	0.0	
2						
3		Brown medium SAND, little Clay; some red brick, some fine Gravel (fill); slight petroleum odor; moist.			87.2	
4				G		
5						
6		Brown CLAY, some Sand; petroleum odor; moist.			88.7	Hand cleared to 5 ft.
7		Reddish brown fine to medium GRAVEL, little Sand; dry.				SB-02 (6-8) sample collected.
8		Brown fine SAND, some fine Gravel, little Silt; petroleum odor; very moist.			241.1	
9		Gray fine to medium GRAVEL, some coarse to fine Sand; slight petroleum odor; moist.			5.5	
10						
11		Brown medium SAND; very moist.			187.0	
12						Refusal at 12 ft.



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SOIL BORING LOG

WELL NO. SB-03	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street		LOCATION 920 Exchange Street		
APPROVED BY Ian Reed	LOGGED BY Sara Barrientos	Rochester, New York		
DRILLING CONTRACTOR/DRILLER TREC / J. Agar		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/24/17-4/24/17
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Native		

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
		ASPHALT.		G	0.0	
1		Light brown SILT, some fine to coarse Sand; moist.			0.0	
2				G		
3						
4		Light brown SILT, some fine to coarse Sand, petroleum odor; moist.		G	2.2	
5		Dark brown SILT, some fine to coarse Sand; petroleum odor; minor staining; moist.			150.0	Hand cleared to 5 ft.
6						SB-03 (5-7) sample collected.
7		Dark brown, SILT, some fine to medium Sand; petroleum odor; moist.			110.0	
8		Light brown CLAY and Silt, some fine Sand; petroleum odor; moist.			6.0	
Refusal at 8.5 ft.						



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SOIL BORING LOG

WELL NO. SB-04	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Sara Barrientos	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Native
		SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 4/24/17-4/24/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
		TOP SOIL.		G	0.0	
1		Dark brown GRAVEL, some fine to coarse Sand; intact bricks (fill); moist.			0.0	
2						
3				G		
4		Dark brown GRAVEL, some fine to coarse Sand; red brick fragments (fill); moist.				
5		Brown CLAY, some Silt; moist.			43.8	Hand cleared to 5 ft.
6					0.0	SB-04 (5.5-7) sample collected.
7		Red CLAY, some Silt; moist.				
8					20.48	
9						Refusal at 9.3 ft.



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SOIL BORING LOG

WELL NO. SB-05	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Native	START-FINISH DATE 4/24/17-4/24/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
		TOP SOIL.		G	0.0	
1		Brown GRAVEL, fine to coarse Sand; 1"-2" brick fragments (fill); moist.			0.0	
2		Gray SILT, some Clay; petroleum odor; moist.		G		
3		Dark gray SILT, some fine to coarse Sand, moist; petroleum odor.			190.0	
4		Gray fine to medium SAND, some Silt, some Clay; petroleum odor; very moist.		G	122.0	
5		Brown fine SAND, some Silt; moist.			256.0	Hand cleared to 5 ft.
6						
7						
8						
9						
10						
11						

Refusal at 11.1 ft.



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WELL NO. SB-06	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street		LOCATION 920 Exchange Street		
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York		
DRILLING CONTRACTOR/DRILLER TREC / J. Agar		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/25/17-4/25/17
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Native		

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		CONCRETE.		G	0.0	
2		Brown fine SAND, some Silt; petroleum odor; moist.			217	SB-06 (0.5-3.5) sample collected during hand clearing.
3		Brown SILT, some Sand, some fine Gravel; odor, minor sheen; very moist.		G	75.6	
4		Brown CLAY, some fine to medium Sand; slight petroleum odor, sheen; very moist.		G	0.7	Hand Cleared to 5 ft.
5						
6						
7						Refusal at 7.1 ft.



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SOIL BORING LOG

WELL NO. SB-07	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Native	START-FINISH DATE 4/25/17-4/25/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1.0		CONCRETE.		G	0.0	
1.5		Brown fine SAND, some fine Gravel, little Silt, little Clay; some brick fragments (fill); moist.			4.0	
2.0				G		
3.0		Dark brownish gray SILT, little Clay; some brick fragments (fill); non-petroleum odor (septic-like); moist.			16.2	
4.0				G		SB-07 (3-4.5) sample collected during hand clearing.
						Hand cleared and encountered refusal at 4.5 ft.



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SOIL BORING LOG

WELL NO. SB-08	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Native	START-FINISH DATE 4/25/17-4/25/17

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		CONCRETE.		G	0.0	
2		Dark brown fine to medium GRAVEL, some fine Sand, some Silt; trace brick fragments (fill); petroleum odor; moist.		G	4.3	
3		BRICK and CEMENT.		G	0.0	Hand cleared to 3.5 ft. Encountered refusal at 3.5 ft. No sample collected for laboratory analysis.



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WELL CONSTRUCTION LOG

WELL NO. SB-09		NORTHING Not Measured		EASTING Not Measured	
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street				LOCATION 920 Exchange Street	
APPROVED BY Ian Reed		LOGGED BY Grace van der Ven		ROCHESTER, NEW YORK	
DRILLING CONTRACTOR/DRILLER TREC / J. Agar				GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/25/17-4/25/17	
CASING MAT./DIA. PVC / 1-inch	SCREEN: TYPE Slotted MAT. PVC		TOTAL LENGTH 4.9 ft	DIA. 1-inch	SLOT SIZE 10-Slot
ELEVATION OF: (Feet)		GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN /	SAND PACK SIZES #2

Depth, feet	Road box. J-plug.	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		CEMENT	CONCRETE.		G	0.0	
			Light brown fine to medium SAND; moist.		G	0.0	
2			Dark gray SILT, some fine to medium Sand; petroleum odor (some black globules); moist.			2.1	
3			Brownish gray CLAY; some fine to medium Sand; slight petroleum odor; moist.		G	0.5	
4			Fine GRAVEL; some Sand; petroleum sheen and odor; moist.			24.0	SB-09 (4-7.2) sample collected.
5							Hand cleared to 5 ft.
6							
7							
Refusal at 7.2 ft.							



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WELL CONSTRUCTION LOG

WELL NO. SB-10		NORTHING Not Measured		EASTING Not Measured	
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street				LOCATION 920 Exchange Street	
APPROVED BY Ian Reed		LOGGED BY Grace van der Ven		Rochester, New York	
DRILLING CONTRACTOR/DRILLER TREC / J. Agar				GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/25/17-4/25/17	
CASING MAT./DIA. PVC / 1-inch	SCREEN: TYPE Slotted MAT. PVC	TOTAL LENGTH 4.4 ft		DIA. 1-inch	SLOT SIZE 10-Slot
ELEVATION OF: (Feet)		GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN /	SAND PACK SIZES #2

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
		CONCRETE.				
1		Dark brown CLAY, some fine Sand; tar and brick fragments (fill); moist.		G	0.0	
2		Dark gray CLAY, some Silt, some Sand; petroleum odor and sheen; moist.		G	67.9	SB-10 (0.5-1.7) sample collected.
3				G	140.0	
4		Gray GRAVEL, some Sand, some Clay; petroleum odor and sheen; very moist.		G	159.0	
5						Hand cleared to 5 ft.
6						SB-10 (4-7.7) sample collected for laboratory analysis.
7						Refusal at 7.7 ft.



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SOIL BORING LOG

WELL NO. SB-11	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street		LOCATION 920 Exchange Street		
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York		
DRILLING CONTRACTOR/DRILLER TREC / J. Agar		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/25/17-4/25/17
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Native		

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		CONCRETE.		G	0.0	
1		Brown SILT, some fine to medium Sand; dry to moist.			0.1	
2				G		
3		Brown SAND, some fine Gravel; brick fragments and black tar-like fragments (fill); very moist.		G	1.3	SB-11 (3-4) sample collected.
4		Dark brown GRAVEL, some Silt, some fine to medium Sand; very moist.			0.8	
5						Hand cleared to 5 ft.
6						
7						
8		Dark brown CLAY, some fine Gravel, little fine sand; very moist.			0.8	
9						
Refusal at 9.9 ft.						



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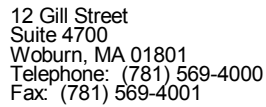
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SOIL BORING LOG

WELL NO. SB-12	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street	LOCATION 920 Exchange Street	
APPROVED BY Ian Reed	LOGGED BY Grace van der Ven	Rochester, New York
DRILLING CONTRACTOR/DRILLER TREC / J. Agar	GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 4/26/17-4/26/17
		BACKFILL Native

Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		Light brown to dark brown organic FILL material and TOPSOIL; very moist.		G	0.1	
2		Brown fine SAND, some Clay; moist.			0.0	
3				G		
4		Gray GRAVEL, some Clay; slight petroleum odor sheen; very moist.			37.5	
5						Hand cleared to 5 ft.
6						
7		Grayish brown CLAY, some Sand, little fine Gravel; slight petroleum odor and sheen; very moist.			51.8	SB-12 (7-11.1) sample collected.
8						
9						
10						
11						Refusal at 11.1 ft.



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Depth, feet	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1		TOPSOIL (rocks encountered).		G		
2		Gray GRAVEL, some Sand; dry.		G	14.0	
3		Dark gray GRAVEL, some Sand, little Clay; slight petroleum odor; moist.		G		
4		Gray coarse GRAVEL, some Silt, little Sand; very moist.		G	14.2	SB-13 (4-6.2) sample collected.
5						Hand cleared to 5 ft.
6						Refusal at 6.2 ft.



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WELL CONSTRUCTION LOG

WELL NO. SB-14		NORTHING Not Measured		EASTING Not Measured	
PROJECT NO./NAME 0172.0180M009 / 920 Exchange Street				LOCATION 920 Exchange Street	
APPROVED BY Ian Reed		LOGGED BY Grace van der Ven		ROCHESTER, NEW YORK	
DRILLING CONTRACTOR/DRILLER TREC / J. Agar				GEOGRAPHIC AREA	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD Mobile Drill B-61 / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/26/17-4/26/17	
CASING MAT./DIA. PVC / 1-inch	SCREEN: TYPE Slotted	MAT. PVC	TOTAL LENGTH 5.0 ft	DIA. 1-inch	SLOT SIZE 10-Slot
ELEVATION OF: (Feet)		GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN /	SAND PACK SIZES #2

Depth, feet	Stick-up.	J-plug.	Graphic Log	Visual Description	Blow-Count Values (per 6" Interval)	Sampler Type	PID Values (ppm)	REMARKS
1				TOPSOIL.		G		
2				Light brown fine SAND and Clay; moist.		G		
3				Dark brown medium SAND; moist to dry.		G		
4						G		
5				Gray CLAY, some Silt, little Gravel; slight odor and sheen; moist.				Hand cleared to 5 ft.
6								SB-14 (6-7.1) sample collected.
7								Refusal at 7.1 ft.

GROUND WATER LEVEL