

APPENDIX C: LABORATORY DATA

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Table C-1. 2019 Groundwater Analytical Results - Metals

Station	CAS Number	B12mw-012	BKGmw-021	BKGmw-021	DA2mw-115	DA2mw-115
Sample Id		B12mw-012-191001-GW	BKGmw-021-191002-GW	BKGmw-021-191001-GW	DA2mw-115-190402-GW	DA2mw-115-190401-GW
Date		10/03/19	10/02/19	10/02/19	04/29/19	04/29/19
Sample Type		GR	FD	GR	FD	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)		Upper Sharon	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	<0.07 U	0.021 J
Antimony	7440-36-0	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 U	<0.001 U
Arsenic	7440-38-2	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 U	0.0017 J
Barium	7440-39-3	0.0047 J	0.031 J	0.036 J	<0.00095 U	0.023
Beryllium	7440-41-7	<0.0003 U	0.00011 J	<0.0003 UJ	0.00018 J	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 UJ	<0.001 UJ	<0.001 U	<0.001 U
Calcium	7440-70-2	31	75	78 J	100	100
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00094 J	<0.00035 UJ	<0.00035 UJ	<0.0002 U	<0.0002 U
Copper	7440-50-8	<0.0018 UJ	<0.0018 UJ	<0.0018 UJ	<0.0018 U	<0.0018 U
Iron	7439-89-6	0.26	<0.085 U	<0.085 U	0.82	0.84
Lead	7439-92-1	<0.0007 UJ	<0.0007 UJ	<0.0007 UJ	<0.0007 U	<0.0007 U
Magnesium	7439-95-4	23	34	35 J	28	28
Manganese	7439-96-5	0.55 J	0.00058 J	<0.00095 UJ	<0.00095 U	0.099
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 UJ
Nickel	7440-02-0	0.0085 J	<0.001 UJ	<0.001 UJ	<0.001 U	<0.001 U
Potassium	7440-09-7	2.2 J	0.92 J	0.94 J	3.4	3.3
Selenium	7782-49-2	<0.001 UJ	0.00054 J	0.00041 J	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	17	7.9 J	8.2 J	12	12
Thallium	7440-28-0	<0.0002 UJ	0.0001 J	<0.0002 UJ	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 UJ	<0.003 UJ	<0.003 UJ	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.01 UJ	<0.0035 UJ	<0.0052 UJ	<0.008 U	<0.008 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		DA2mw-115	DA2mw-115	DETMw-003	DETMw-003	DETMw-003
Sample Id		DA2mw-115-191002-GW	DA2mw-115-191001-GW	DET-003-190402-GW	DET-003-190401-GW	DET-003-191001-GW
Date		09/30/19	09/30/19	04/29/19	04/29/19	10/01/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	<0.07 U	<0.07 U
Antimony	7440-36-0	0.00044 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.0015 J	0.0013 J	0.0093	0.0092	0.011
Barium	7440-39-3	0.019 J	0.02 J	0.042	0.043	0.048
Beryllium	7440-41-7	0.00013 J	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	100	94	91	90	89
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	<0.00035 U	<0.00035 U	0.00024 J	0.00029 J	0.00032 J
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	0.0042
Iron	7439-89-6	0.81 J	0.75 J	1.9	1.9	2.2 J
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U
Magnesium	7439-95-4	28	26	33	33	32
Manganese	7439-96-5	0.092	0.089	0.24	0.24	0.23
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Potassium	7440-09-7	3.4	3.1	1.9 J	1.9 J	2.1 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	11	10	12	12	12
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.0093 U	<0.0061 U	<0.008 U	<0.008 U	<0.0096 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		DETMw-004	DETMw-004	EBGmw-125	FWGmw-002	FWGmw-002
Sample Id		DET-004-190401-GW	DET-004-191001-GW	EBGmw-125-191001-GW	FWGmw-002-191001-GW	FWGmw-002-191001-GW
Date		04/29/19	10/01/19	10/07/19	10/02/19	10/02/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Dissolved	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	0.74 J	2.2
Antimony	7440-36-0	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ
Arsenic	7440-38-2	<0.001 U	0.00034 J	0.0051	0.0069	0.0055 J
Barium	7440-39-3	0.058	0.065 J	0.059	0.13	0.11 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	0.00016 J	<0.0003 U
Cadmium	7440-43-9	<0.001 U	0.00039 J	<0.001 U	<0.001 U	<0.001 UJ
Calcium	7440-70-2	120	150	73 J	50	48
Chromium	7440-47-3	0.00055 J	<0.0018 U	<0.0018 U	0.006 J	0.0023 J
Cobalt	7440-48-4	<0.0002 U	0.0002 J	0.00022 J	0.0015	0.0019 J
Copper	7440-50-8	0.0015 J	0.00073 J	<0.0018 U	0.0016 J	0.0014 J
Iron	7439-89-6	<0.085 U	0.06 J	7.6	2.4	6.5
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 U	<0.0015 U	0.0024 J
Magnesium	7439-95-4	24	29	35	14	15
Manganese	7439-96-5	0.00063 J	0.42	0.56 J	0.12	0.16 J
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	<0.001 U	<0.0023 UJ	0.001 J	0.0032 J	0.0033 J
Potassium	7440-09-7	1.2 J	1.7 J	3	2.9 J	3.1
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	2.2 J	2.6 J	5.7	21	20
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 UJ
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.0048 UJ	<0.003 UJ
Zinc	7440-66-6	0.014 J	0.05 J	<0.004 U	<0.011 U	<0.0096 UJ

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		FWGmw-004	FWGmw-004	FWGmw-007	FWGmw-007	FWGmw-011
Sample Id		FWGmw-004-190401-GW	FWGmw-004-191001-GW	FWGmw-007-190401-GW	FWGmw-007-191001-GW	FWGmw-011-190401-GW
Date		05/08/19	10/01/19	04/30/19	10/02/19	05/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	0.023 J	<0.07 U	0.032 J	0.026 J	0.55
Antimony	7440-36-0	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Arsenic	7440-38-2	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	0.0042 J
Barium	7440-39-3	0.022 J	0.019	0.02	0.017 J	0.029 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 UJ	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Calcium	7440-70-2	96	90	130	110	50
Chromium	7440-47-3	<0.0018 U	<0.0018 U	0.00051 J	<0.0018 U	0.0009 J
Cobalt	7440-48-4	<0.0002 U	<0.00035 U	<0.00042 U	0.00025 J	0.0015
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 UJ	<0.0018 U
Iron	7439-89-6	0.05 J	<0.085 U	0.16	0.15	8.2
Lead	7439-92-1	<0.0007 U	<0.0007 U	0.00022 J	<0.0007 UJ	0.00037 J
Magnesium	7439-95-4	50	40	66	57	12
Manganese	7439-96-5	<0.0031 U	0.0023 J	0.13	0.088 J	0.29
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.00043 J	<0.001 UJ	0.0012 J	0.00083 J	0.0015 J
Potassium	7440-09-7	0.7 J	0.84 J	2.5 J	2.1 J	1.2 J
Selenium	7782-49-2	0.0011 J	0.0004 J	<0.001 U	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	0.00003 J	<0.0001 U
Sodium	7440-23-5	4.6 J	3.9 J	11	8.8 J	5.7 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 UJ	<0.003 U
Zinc	7440-66-6	<0.008 U	<0.0056 U	0.0027 J	<0.0046 UJ	0.0039 J

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		FWGmw-011	FWGmw-012	FWGmw-012	FWGmw-015	FWGmw-015
Sample Id		FWGmw-011-191001-GW	FWGmw-012-190401-GW	FWGmw-012-191001-GW	FWGmw-015-190401-GW	FWGmw-015-191001-GW
Date		10/03/19	05/07/19	10/03/19	05/08/19	09/30/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	0.031 J	<0.07 U	0.026 J	<0.07 U	<0.07 U
Antimony	7440-36-0	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.0037 J	0.0011 J	0.0015 J	0.00038 J	0.00037 J
Barium	7440-39-3	0.025 J	0.026 J	0.018 J	0.01 J	0.0087 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Calcium	7440-70-2	42	25	20	280	250
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00094 J	0.0015	0.0013 J	0.00007 J	0.00031 J
Copper	7440-50-8	<0.0018 UJ	<0.0018 U	0.00065 J	0.00087 J	<0.0018 U
Iron	7439-89-6	6.2	2.4	2.8	0.045 J	<0.085 UJ
Lead	7439-92-1	<0.0007 UJ	<0.0007 U	0.00023 J	<0.0007 U	<0.0007 U
Magnesium	7439-95-4	9.8	5.8	4.9	290	220
Manganese	7439-96-5	0.24 J	0.1	0.075 J	0.07	0.34
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.00078 J	0.0011 J	0.00084 J	0.00097 J	<0.0011 U
Potassium	7440-09-7	2.9 J	3.6	0.91 J	3.5	3.1
Selenium	7782-49-2	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	5.9	6.7 J	5.7	44 J	38
Thallium	7440-28-0	<0.0002 UJ	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 UJ	<0.003 U	<0.003 UJ	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.0042 UJ	<0.008 U	<0.0046 UJ	0.0039 J	<0.0046 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		FWGmw-016	FWGmw-016	FWGmw-018	FWGmw-018	FWGmw-020
Sample Id		FWGmw-016-190401-GW	FWGmw-016-191001-GW	FWGmw-018-190401-GW	FWGmw-018-191001-GW	FWGmw-020-190401-GW
Date		04/29/19	09/30/19	05/09/19	10/03/19	05/13/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer				Basal Sharon Conglomerate	Basal Sharon Conglomerate	
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Basal Sharon Conglomerate	Basal Sharon Conglomerate	Upper Sharon
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	<0.07 U	0.031 J
Antimony	7440-36-0	<0.001 U	<0.001 U	0.00041 J	<0.001 UJ	<0.001 U
Arsenic	7440-38-2	0.0045 J	0.0039 J	0.02	0.019 J	0.023
Barium	7440-39-3	0.059	0.05 J	0.07	0.064 J	0.084 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Calcium	7440-70-2	110	98	82	82	110
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	<0.0002 U	<0.00035 U	0.0023	0.0023 J	0.0041
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 UJ	<0.0018 U
Iron	7439-89-6	0.63	0.64 J	0.44	0.39	0.9
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 UJ	<0.0007 U
Magnesium	7439-95-4	28	26	25	26	36
Manganese	7439-96-5	0.22	0.18	0.15	0.13 J	0.066
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	<0.001 U	<0.001 U	0.0037	0.0029 J	0.0041
Potassium	7440-09-7	2.4 J	2.1 J	1.9 J	2 J	4.6
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	11	11	15	15	16 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 UJ	<0.003 U
Zinc	7440-66-6	<0.008 U	<0.0079 U	<0.008 U	<0.0028 UJ	0.0035 J

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		FWGmw-020	FWGmw-021	FWGmw-021	FWGmw-021	FWGmw-021
Sample Id		FWGmw-020-191001-GW	FWGmw-021-190402-GW	FWGmw-021-190401-GW	FWGmw-021-191002-GW	FWGmw-021-191001-GW
Date		10/03/19	05/09/19	05/09/19	10/03/19	10/03/19
Sample Type		GR	FD	GR	FD	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	0.029 J	0.019 J
Antimony	7440-36-0	<0.001 UJ	0.00099 J	0.00051 J	0.0006 J	<0.001 UJ
Arsenic	7440-38-2	0.031 J	0.00066 J	0.00057 J	0.00069 J	0.00075 J
Barium	7440-39-3	0.068 J	0.016	0.016	0.014 J	0.013 J
Beryllium	7440-41-7	<0.0003 U	0.00052 J	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 U	<0.001 U	<0.001 UJ	<0.001 UJ
Calcium	7440-70-2	94	20	21	19	18
Chromium	7440-47-3	<0.0018 U	0.00082 J	0.00076 J	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.0017 J	0.00018 J	<0.0002 U	0.0025 J	0.0025 J
Copper	7440-50-8	<0.0018 UJ	0.0011 J	0.0012 J	<0.0018 UJ	<0.0018 UJ
Iron	7439-89-6	1.1	0.66	0.63 J	2.8	2.7
Lead	7439-92-1	<0.0007 UJ	0.00023 J	<0.0007 U	<0.0007 UJ	<0.0007 UJ
Magnesium	7439-95-4	34	6.8	6.9	6.9	6.8
Manganese	7439-96-5	0.038 J	0.0094	0.0099	0.39 J	0.36 J
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.001 J	0.0016 J	0.0018 J	0.0062 J	0.0059 J
Potassium	7440-09-7	4.1	1.2 J	1.2 J	1.5 J	1.4 J
Selenium	7782-49-2	<0.001 UJ	0.00072 J	<0.001 U	<0.001 UJ	<0.001 UJ
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	15	2.9 J	3 J	3.6 J	3.5 J
Thallium	7440-28-0	<0.0002 UJ	0.00011 J	<0.0002 U	<0.0002 UJ	<0.0002 UJ
Vanadium	7440-62-2	<0.003 UJ	<0.003 U	<0.003 U	<0.003 UJ	<0.003 UJ
Zinc	7440-66-6	<0.0036 UJ	0.0052 J	0.0055 J	<0.013 UJ	<0.012 UJ

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		FWGmw-024	FWGmw-024	LL10mw-005	LL10mw-005	LL12mw-187
Sample Id		FWGmw-024-190401-GW	FWGmw-024-191001-GW	LL10mw-005-190401-GW	LL10mw-005-191001-GW	LL12mw-187-190401-GW
Date		05/09/19	10/03/19	05/01/19	10/02/19	05/02/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer				Homewood Sandstone	Homewood Sandstone	Unconsolidated
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Homewood Sandstone	Homewood Sandstone	Unconsolidated
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	<0.07 U	<0.07 U
Antimony	7440-36-0	0.0007 J	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U
Arsenic	7440-38-2	0.0021 J	0.0027 J	<0.001 U	<0.001 UJ	0.00056 J
Barium	7440-39-3	0.0093	0.01 J	0.0088	0.012 J	0.28
Beryllium	7440-41-7	0.00011 J	0.00019 J	<0.0003 U	<0.0003 UJ	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U
Calcium	7440-70-2	59	64	59	60	1000
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.0009 J	0.00051 J	<0.0002 U	<0.00035 UJ	0.011
Copper	7440-50-8	<0.0018 U	<0.0018 UJ	<0.0018 U	<0.0018 UJ	0.001 J
Iron	7439-89-6	1.6 J	2.8	0.025 J	0.027 J	<0.085 U
Lead	7439-92-1	<0.0007 U	<0.0007 UJ	<0.0007 U	<0.0007 UJ	0.0002 J
Magnesium	7439-95-4	18	19	14	14	320 J
Manganese	7439-96-5	0.33	0.26 J	<0.68 U	2.2 J	2.9
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0034	0.0016 J	0.00057 J	0.0022 J	0.015
Potassium	7440-09-7	0.81 J	1.1 J	<0.63 U	0.73 J	58
Selenium	7782-49-2	<0.001 U	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	4.9 J	5.4	3.5 J	3.4 J	44 J
Thallium	7440-28-0	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 UJ	0.00075 J
Vanadium	7440-62-2	<0.003 U	<0.003 UJ	<0.003 U	<0.003 UJ	<0.003 U
Zinc	7440-66-6	<0.008 U	<0.0036 UJ	<0.008 U	<0.0053 UJ	0.0063 J

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL12mw-187	LL12mw-242	LL12mw-242	LL12mw-242	LL12mw-242
Sample Id		LL12mw-187-191001-GW	LL12mw-242-190401-GW	LL12mw-242-190401-GW	LL12mw-242-191001-GW	LL12mw-242-191001-GW
Date		10/08/19	05/01/19	05/01/19	10/08/19	10/08/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Dissolved	Total	Dissolved	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	<0.07 U	NA	1.5	0.75	1.2
Antimony	7440-36-0	<0.001 U	0.00087 J	<0.001 U	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.00098 J	0.013 J	0.022	0.018	0.02
Barium	7440-39-3	0.26 J	0.034 J	0.037	0.039	0.031 J
Beryllium	7440-41-7	<0.0003 U	0.00011 J	0.00009 J	0.00009 J	<0.0003 UJ
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	1100 J	66	66	75	75 J
Chromium	7440-47-3	<0.0018 U	0.0024 J	0.0031 J	0.0034 J	0.0026 J
Cobalt	7440-48-4	0.011	0.00096 J	0.002	0.0014	0.0022
Copper	7440-50-8	<0.0018 U	<0.0011 U	0.0026	0.0012 J	0.0028
Iron	7439-89-6	<0.085 U	2	3.8	2.1	4.2
Lead	7439-92-1	<0.0007 U	0.00067 J	0.0017 J	<0.00087 U	0.0018 J
Magnesium	7439-95-4	330	41	40	46	47
Manganese	7439-96-5	2.6	0.074 J	NA	0.11	0.15
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.015	0.0021 J	0.0043	0.002 J	0.0038
Potassium	7440-09-7	55	3.1	<2.3 U	1.9 J	2.1 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	39	26	29 J	20	21
Thallium	7440-28-0	0.00071 J	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 U	0.0032 J	0.0015 J	0.0032 J	0.002 J
Zinc	7440-66-6	<0.0062 U	<0.0056 U	0.0093 J	<0.014 U	<0.011 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL12mw-245	LL12mw-245	LL12mw-247	LL12mw-247	LL1mw-064
Sample Id		LL12mw-245-190401-GW	LL12mw-245-191001-GW	LL12mw-247-190401-GW	LL12mw-247-191001-GW	LL1mw-064-190401-GW
Date		05/02/19	10/08/19	05/01/19	10/03/19	05/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	0.031 J	<0.07 U	0.49	0.042 J	<0.07 U
Antimony	7440-36-0	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Arsenic	7440-38-2	0.012	0.004 J	0.009	0.0071 J	0.0049 J
Barium	7440-39-3	0.028	0.025 J	0.029	0.022 J	0.054
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Calcium	7440-70-2	140	150 J	99	90	63
Chromium	7440-47-3	<0.0018 U	<0.0018 U	0.0011 J	<0.0018 U	0.00058 J
Cobalt	7440-48-4	0.0013	0.0011	<0.00075 U	0.00041 J	<0.0002 U
Copper	7440-50-8	0.0013 J	0.00057 J	0.00059 J	0.00079 J	<0.0018 U
Iron	7439-89-6	0.75	0.68	1.6	0.8	1.5
Lead	7439-92-1	0.00032 J	<0.0007 U	0.00038 J	<0.0007 UJ	<0.0007 U
Magnesium	7439-95-4	67	72	52	48	11
Manganese	7439-96-5	<0.11 U	0.12	0.16	0.15 J	0.12
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0014 J	0.0016 J	<0.0011 U	<0.001 UJ	<0.001 U
Potassium	7440-09-7	<3.4 U	3.4	2.6 J	2.5 J	0.92 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	25 J	25	22	21	5.5 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 UJ	<0.003 U
Zinc	7440-66-6	0.0047 J	<0.0049 U	0.0063 J	<0.0047 UJ	<0.008 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL1mw-064	LL1mw-065	LL1mw-065	LL1mw-080	LL1mw-084
Sample Id		LL1mw-064-191001-GW	LL1mw-065-190401-GW	LL1mw-065-191001-GW	LL1mw-080-191001-GW	LL1mw-084-190401-GW
Date		10/03/19	05/07/19	10/08/19	10/09/19	05/06/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	0.064 J	0.023 J
Antimony	7440-36-0	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	0.00076 J
Arsenic	7440-38-2	0.0063 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Barium	7440-39-3	0.041 J	0.051	0.052 J	0.025	0.003 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	56	86	77 J	150	29
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00013 J	<0.0002 U	0.0001 J	<0.00035 U	0.00035 J
Copper	7440-50-8	<0.0018 UJ	<0.0018 U	<0.0018 U	0.00092 J	<0.0018 U
Iron	7439-89-6	1.8	<0.085 U	<0.085 U	0.032 J	0.082 J
Lead	7439-92-1	0.00024 J	<0.0007 U	<0.0007 U	0.00022 J	<0.0007 U
Magnesium	7439-95-4	9.7	29	24	9	13
Manganese	7439-96-5	0.12 J	0.036	0.073	0.056	0.083
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 UJ	<0.00008 U
Nickel	7440-02-0	<0.001 UJ	<0.001 U	<0.001 U	0.001 J	0.0039
Potassium	7440-09-7	0.84 J	1.4 J	1.4 J	3.7	0.88 J
Selenium	7782-49-2	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	4.9 J	15 J	14	1.3 J	3.4 J
Thallium	7440-28-0	<0.0002 UJ	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 UJ	<0.003 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.0036 UJ	<0.008 U	<0.0032 U	<0.008 U	0.0022 J

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL1mw-084	LL1mw-086	LL1mw-086	LL1mw-086	LL1mw-086
Sample Id		LL1mw-084-191001-GW	LL1mw-086-190401-GW	LL1mw-086-190401-GW	LL1mw-086-191001-GW	LL1mw-086-191001-GW
Date		10/09/19	05/07/19	05/07/19	10/08/19	10/08/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Dissolved	Total	Dissolved	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	0.39	0.053 J	3.1	0.62	1.4
Antimony	7440-36-0	<0.001 U	0.00095 J	<0.001 U	<0.001 U	<0.001 U
Arsenic	7440-38-2	<0.001 U	0.0016 J	0.0042 J	0.0024 J	0.0032 J
Barium	7440-39-3	0.016	0.045	0.14	0.065	0.11 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	0.0001 J	0.00011 J	<0.0003 UJ
Cadmium	7440-43-9	0.0015	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	51	32	71	53	63 J
Chromium	7440-47-3	<0.0018 U	<0.0018 U	0.0028 J	0.0027 J	0.0028 J
Cobalt	7440-48-4	0.015	0.00056 J	0.0026	0.00092 J	0.0021
Copper	7440-50-8	0.0051	<0.0018 U	0.004	0.0013 J	0.0025
Iron	7439-89-6	<0.085 U	0.12	7.1	1.6	5.9
Lead	7439-92-1	0.00078 J	<0.0007 U	0.0022 J	<0.00094 U	0.0032
Magnesium	7439-95-4	3.2	28	39	28	30
Manganese	7439-96-5	0.17	0.041	0.36	0.35	0.51
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.028	0.0018 J	0.006	0.0027 J	0.0053
Potassium	7440-09-7	3.4	21 J	26	8.4	7.9
Selenium	7782-49-2	0.0015 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 UJ	<0.0001 U	<0.0001 U
Sodium	7440-23-5	3.1 J	13	16 J	7.7	7.6
Thallium	7440-28-0	0.00044 J	NA	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	0.0012 J	<0.0018 UJ	0.0027 J
Zinc	7440-66-6	<0.06 U	<0.008 U	0.0093 J	<0.0089 U	0.038

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL1mw-087	LL1mw-087	LL1mw-088	LL1mw-088	LL2mw-059
Sample Id		LL1mw-087-190401-GW	LL1mw-087-191001-GW	LL1mw-088-190401-GW	LL1mw-088-191001-GW	LL2mw-059-190401-GW
Date		05/02/19	10/03/19	05/08/19	10/03/19	05/06/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Upper Sharon
Aluminum	7429-90-5	0.087 J	0.045 J	0.31	0.11 J	0.033 J
Antimony	7440-36-0	<0.001 U	<0.001 UJ	<0.001 U	<0.001 UJ	0.00061 J
Arsenic	7440-38-2	0.00036 J	0.00048 J	0.028	0.028 J	<0.001 U
Barium	7440-39-3	0.018	0.029 J	0.039	0.03 J	0.015 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U
Calcium	7440-70-2	79	93	75	80	24
Chromium	7440-47-3	<0.0018 U	<0.0018 U	0.0005 J	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00018 J	0.00046 J	0.00019 J	0.00015 J	<0.0002 U
Copper	7440-50-8	0.00094 J	<0.0018 UJ	<0.0018 U	<0.0018 UJ	<0.0018 U
Iron	7439-89-6	0.22	0.14	1.7 J	1.7	0.046 J
Lead	7439-92-1	<0.0007 U	<0.0007 UJ	0.00018 J	<0.0007 UJ	<0.0007 U
Magnesium	7439-95-4	19	34	33	37	7.9
Manganese	7439-96-5	<0.037 U	0.28 J	0.052	0.039 J	<0.0012 U
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.00092 J	0.0017 J	0.00039 J	<0.001 UJ	0.0014 J
Potassium	7440-09-7	0.9 J	0.95 J	2.4 J	2.6 J	1.4 J
Selenium	7782-49-2	<0.001 U	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	10 J	15	23 J	25	3.3 J
Thallium	7440-28-0	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 UJ	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 UJ	<0.003 U	<0.003 UJ	<0.003 U
Zinc	7440-66-6	<0.008 U	<0.005 UJ	<0.008 U	<0.0032 UJ	0.0021 J

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL2mw-059	LL2mw-267	LL2mw-267	LL3mw-244	LL3mw-244
Sample Id		LL2mw-059-191001-GW	LL2mw-267-190401-GW	LL2mw-267-191001-GW	LL3mw-244-190401-GW	LL3mw-244-191001-GW
Date		10/02/19	05/02/19	10/07/19	05/06/19	10/02/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	<0.07 U	0.1 J	0.03 J	0.24 J	<0.07 U
Antimony	7440-36-0	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	0.00043 J
Arsenic	7440-38-2	<0.001 UJ	0.0021 J	0.0037 J	<0.001 U	<0.001 UJ
Barium	7440-39-3	0.002 J	0.017	0.022 J	0.014 J	0.014 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	0.00012 J	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 U	<0.001 U	0.0012	<0.001 UJ
Calcium	7440-70-2	26	28	40 J	60	22
Chromium	7440-47-3	<0.0018 U	0.00079 J	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00035 J	0.0044	0.0038	0.0088	<0.00035 UJ
Copper	7440-50-8	<0.0018 UJ	<0.0018 U	<0.0018 U	0.0035	0.00059 J
Iron	7439-89-6	0.053 J	2.5	4.1	<0.085 U	<0.085 U
Lead	7439-92-1	<0.0007 UJ	<0.0007 U	<0.0007 U	0.00033 J	<0.0007 UJ
Magnesium	7439-95-4	11	12	17	3.1	7.5
Manganese	7439-96-5	0.054 J	<0.59 U	0.69	0.085	0.00057 J
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0037 J	0.0031	0.0031	0.017	0.0013 J
Potassium	7440-09-7	0.74 J	0.79 J	1 J	3.1	1.4 J
Selenium	7782-49-2	<0.001 UJ	<0.001 U	<0.001 U	0.0023 J	<0.001 UJ
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	2.9 J	8.1 J	7.7	<2.8 UJ	3.3 J
Thallium	7440-28-0	<0.0002 UJ	<0.0002 U	<0.0002 U	0.00027 J	<0.0002 UJ
Vanadium	7440-62-2	<0.003 UJ	<0.003 U	<0.003 U	<0.003 U	<0.003 UJ
Zinc	7440-66-6	<0.0036 UJ	0.0023 J	<0.0034 U	0.038	<0.0051 UJ

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL3mw-246	LL3mw-246	LL3mw-246	LL3mw-246	LL7mw-001
Sample Id		LL3mw-246-190402-GW	LL3mw-246-190401-GW	LL3mw-246-191002-GW	LL3mw-246-191001-GW	LL7mw-001-190401-GW
Date		05/09/19	05/09/19	10/03/19	10/03/19	05/01/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						Homewood Sandstone
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	
Aluminum	7429-90-5	<0.07 U	<0.07 U	<0.07 U	<0.07 U	<0.07 U
Antimony	7440-36-0	0.00056 J	0.00059 J	<0.001 UJ	0.00042 J	<0.001 U
Arsenic	7440-38-2	<0.001 U	<0.001 U	<0.001 UJ	<0.001 UJ	0.0017 J
Barium	7440-39-3	0.015	0.015	0.013 J	0.014 J	0.022
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 UJ	<0.001 UJ	<0.001 U
Calcium	7440-70-2	20	20	22	22	38
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	0.00051 J	<0.0018 U
Cobalt	7440-48-4	<0.0002 U	<0.0002 U	<0.00035 UJ	<0.00035 UJ	0.0061
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 UJ	<0.0018 UJ	<0.0018 U
Iron	7439-89-6	<0.085 U	0.022 J	<0.085 U	<0.085 U	8.6
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 UJ	<0.0007 UJ	<0.0007 U
Magnesium	7439-95-4	6.6	6.7	7.5	7.4	12
Manganese	7439-96-5	<0.0012 U	<0.0015 U	0.00043 J	0.00051 J	0.47
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0014 J	0.0016 J	0.0012 J	0.0014 J	0.0088
Potassium	7440-09-7	1.1 J	1.2 J	1.4 J	1.3 J	1.1 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 UJ	<0.001 UJ	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	2.7 J	2.8 J	3 J	3 J	5.4
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 UJ	0.00011 J
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 UJ	<0.003 UJ	<0.003 U
Zinc	7440-66-6	0.002 J	0.0025 J	<0.0054 UJ	<0.0043 UJ	0.05

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		LL7mw-001	NTAmw-119	NTAmw-119	RQLmw-007	RQLmw-007
Sample Id		LL7mw-001-191001-GW	NTAmw-119-190401-GW	NTAmw-119-191001-GW	RQLmw-007-190401-GW	RQLmw-007-191002-GW
Date		10/02/19	04/30/19	10/02/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	FD
Filter Status		Total	Total	Total	Total	Total
Aquifer		Homewood Sandstone	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon
Analyte (ug/L)	CAS Number					
Aluminum	7429-90-5	<0.07 U	0.032 J	<0.07 U	0.019 J	<0.07 U
Antimony	7440-36-0	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.0022 J	0.006	0.0056 J	0.0007 J	0.007
Barium	7440-39-3	0.018 J	0.083	0.076 J	0.025	0.032
Beryllium	7440-41-7	0.00015 J	<0.0003 U	<0.0003 UJ	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Calcium	7440-70-2	39	85	78	58	92 J
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.0054 J	<0.0002 U	<0.00035 UJ	0.0025	0.013
Copper	7440-50-8	0.00083 J	<0.0018 U	<0.0018 UJ	0.003	0.00072 J
Iron	7439-89-6	9.1	0.97	0.97	<0.075 U	2.8
Lead	7439-92-1	0.00031 J	<0.0007 U	<0.0007 UJ	0.00028 J	0.0002 J
Magnesium	7439-95-4	13	21	21	38	49
Manganese	7439-96-5	0.38 J	0.33	0.29 J	0.49	1.7 J
Mercury	7439-97-6	<0.00008 U	<0.00008 U	0.00003 J	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0071 J	<0.001 U	<0.001 UJ	0.032	0.039
Potassium	7440-09-7	1.1 J	1.4 J	1.3 J	2.9 J	4.7
Selenium	7782-49-2	<0.001 UJ	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	5.9 J	6.4	6.8 J	<1.8 U	3.4 J
Thallium	7440-28-0	0.00012 J	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 UJ	<0.003 U	<0.003 UJ	<0.003 U	<0.003 U
Zinc	7440-66-6	0.048 J	<0.008 U	<0.0036 UJ	0.027	<0.0041 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		RQLmw-007	RQLmw-008	RQLmw-008	RQLmw-009	RQLmw-009
Sample Id		RQLmw-007-191001-GW	RQLmw-008-190401-GW	RQLmw-008-191001-GW	RQLmw-009-190401-GW	RQLmw-009-191001-GW
Date		10/07/19	05/09/19	10/07/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)		CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	<0.07 U	0.025 J	<0.07 U	0.053 J	0.033 J
Antimony	7440-36-0	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.00045 J
Arsenic	7440-38-2	0.0072	0.011	0.031	0.0017 J	0.0043 J
Barium	7440-39-3	0.031	0.057	0.1	0.021	0.029
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	22 J	41	59 J	18	62 J
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.012	0.0024	0.0019	0.00087 J	0.0027
Copper	7440-50-8	0.00061 J	<0.0018 U	<0.0018 U	0.002	0.00091 J
Iron	7439-89-6	2.8	28	53	1.7	4.1
Lead	7439-92-1	0.0002 J	<0.0007 U	0.00022 J	0.0014 J	0.00061 J
Magnesium	7439-95-4	27	74	79	10	9.5
Manganese	7439-96-5	1.7 J	0.46	0.54 J	0.3	0.65 J
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.039	0.004	0.0038	0.0016 J	0.0048
Potassium	7440-09-7	3.1	2.1 J	3.8	2.8 J	1.5 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	3.6 J	<2.2 U	3.3 J	<1.4 U	1.2 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	0.00017 J
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.0044 U	0.011 J	0.02	0.0037 J	<0.0037 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		SCFmw-004	SCFmw-004	SCLmw-001	SCLmw-001	SCLmw-001
Sample Id		SCFmw-004-190401-GW	SCFmw-004-191001-GW	SCLmw-001-190101-GW	SCLmw-001-190401-GW	SCLmw-001-190801-GW
Date		05/02/19	10/03/19	01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer		Basal Sharon Conglomerate	Basal Sharon Conglomerate			
Analyte (ug/L)	CAS Number	Conglomerate	Conglomerate	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	<0.07 U	0.021 J	0.14 J	0.037 J	<0.07 U
Antimony	7440-36-0	<0.001 U	<0.001 UJ	0.0017 J	0.00053 J	<0.001 U
Arsenic	7440-38-2	<0.001 U	<0.001 UJ	0.0038 J	0.0034 J	0.0034 J
Barium	7440-39-3	0.059	0.05 J	0.056	0.053 J	0.055
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 U	<0.0003 UJ
Cadmium	7440-43-9	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.001 UJ
Calcium	7440-70-2	150	160	130	130	120
Chromium	7440-47-3	0.0013 J	0.00081 J	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.00014 J	<0.00035 UJ	0.0016	0.00067 J	0.00063 J
Copper	7440-50-8	0.028	0.001 J	0.00067 J	<0.0018 U	<0.0018 UJ
Iron	7439-89-6	0.081 J	0.061 J	0.83	1.3	1 J
Lead	7439-92-1	0.0083	0.0004 J	0.0005 J	0.00021 J	<0.0007 U
Magnesium	7439-95-4	58	64	37	42	36
Manganese	7439-96-5	<0.84 U	0.77 J	0.39	0.31	0.26
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.01	<0.001 UJ	0.0016 J	0.00071 J	0.0005 J
Potassium	7440-09-7	2.9 J	2.8 J	4	3.8	4
Selenium	7782-49-2	<0.001 U	<0.001 UJ	<0.002 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	0.00028 J	0.00018 J	<0.0001 U
Sodium	7440-23-5	13 J	11	20	19	20
Thallium	7440-28-0	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 UJ	<0.002 U	<0.003 U	<0.003 U
Zinc	7440-66-6	0.39	<0.013 UJ	0.0037 J	0.0022 J	<0.0031 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002
Sample Id		SCLmw-002-190102-GW	SCLmw-002-190101-GW	SCLmw-002-190402-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW
Date		01/28/19	01/28/19	05/08/19	05/08/19	08/13/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	<0.07 U	<0.07 U	0.018 J	0.019 J	<0.07 U
Antimony	7440-36-0	<0.0013 U	<0.001 U	0.00059 J	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.00096 J	0.00088 J	0.001 J	0.00086 J	0.0013 J
Barium	7440-39-3	0.056	0.063	0.051 J	0.051 J	0.047
Beryllium	7440-41-7	0.0001 J	<0.0003 UJ	0.00056 J	<0.0003 U	<0.0003 UJ
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ
Calcium	7440-70-2	210	210 J	190	190	170
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.0001 J	0.00011 J	0.00011 J	0.00006 J	<0.0002 U
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 UJ
Iron	7439-89-6	11	11 J	10	10	7.9 J
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U
Magnesium	7439-95-4	19	19	16	16	14
Manganese	7439-96-5	1.1	1.2 J	1	1.1	0.74
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Potassium	7440-09-7	4.5	4.6	4	4	3.6
Selenium	7782-49-2	<0.002 U	<0.002 U	0.00048 J	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	0.00004 J	<0.0001 U	<0.0001 U
Sodium	7440-23-5	4.7 J	4.8 J	3.3 J	3.3 J	4.7 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	0.00009 J	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.002 U	<0.002 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.008 U	<0.008 U	0.002 J	0.002 J	<0.0025 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		SCLmw-003	SCLmw-003	SCLmw-003	WBGmw-006	WBGmw-006
Sample Id		SCLmw-003-190101-GW	SCLmw-003-190401-GW	SCLmw-003-190801-GW	WBGmw-006-190401-GW	WBGmw-006-191001-GW
Date		01/28/19	05/08/19	08/13/19	04/30/19	09/30/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Aluminum	7429-90-5	0.025 J	<0.07 U	<0.07 U	0.019 J	<0.07 U
Antimony	7440-36-0	0.00051 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Arsenic	7440-38-2	0.0096	0.0046 J	0.0087	<0.001 U	<0.001 U
Barium	7440-39-3	0.025	0.021 J	0.018	0.021	0.021 J
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	<0.0003 UJ	<0.0003 U	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U
Calcium	7440-70-2	140	160	150	79	71
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	0.004	0.0027	0.0024	<0.00029 U	0.00013 J
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 UJ	<0.0018 U	<0.0018 U
Iron	7439-89-6	0.31	0.21	0.8 J	0.046 J	<0.085 U
Lead	7439-92-1	0.00018 J	<0.0007 U	<0.0007 U	<0.0007 U	0.0002 J
Magnesium	7439-95-4	57	67	59	26	24
Manganese	7439-96-5	0.33	0.23	0.26	0.099	0.063
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0041	0.0029 J	0.002 J	0.00033 J	<0.001 U
Potassium	7440-09-7	5	6	4.6	0.86 J	0.93 J
Selenium	7782-49-2	<0.002 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	36	38 J	35	5.5	5.5
Thallium	7440-28-0	0.00007 J	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.002 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.008 U	0.0022 J	<0.004 U	<0.008 U	<0.0073 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		WBGmw-009	WBGmw-009	WBGmw-020	WBGmw-020	WBGmw-021
Sample Id		WBGmw-009-190401-GW	WBGmw-009-191001-GW	WBGmw-020-190401-GW	WBGmw-020-191001-GW	WBGmw-021-190401-GW
Date		04/30/19	09/30/19	04/30/19	09/30/19	04/30/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon
Aluminum	7429-90-5	0.019 J	<0.07 U	<0.07 U	0.023 J	<0.07 U
Antimony	7440-36-0	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Arsenic	7440-38-2	<0.001 U	0.00078 J	0.0012 J	0.0015 J	0.0068
Barium	7440-39-3	0.03	0.014 J	0.015	0.016 J	0.062
Beryllium	7440-41-7	<0.0003 U	<0.0003 U	0.00008 J	0.00008 J	<0.0003 U
Cadmium	7440-43-9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Calcium	7440-70-2	49	68	31	28	77
Chromium	7440-47-3	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Cobalt	7440-48-4	<0.00062 U	0.00079 J	<0.00038 U	0.00053 J	<0.0002 U
Copper	7440-50-8	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U	<0.0018 U
Iron	7439-89-6	0.058 J	<0.19 UJ	3.4	4.2 J	0.82
Lead	7439-92-1	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U	<0.0007 U
Magnesium	7439-95-4	12	20	10	9.2	19
Manganese	7439-96-5	0.18	0.33	0.22	0.3	0.37
Mercury	7439-97-6	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U	<0.00008 U
Nickel	7440-02-0	0.0027 J	<0.0022 U	0.0022 J	<0.0031 U	0.00036 J
Potassium	7440-09-7	0.61 J	0.8 J	0.8 J	0.71 J	1.4 J
Selenium	7782-49-2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Silver	7440-22-4	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U	<0.0001 U
Sodium	7440-23-5	3.3 J	3.6 J	3.9 J	3.5 J	4.8 J
Thallium	7440-28-0	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Vanadium	7440-62-2	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U
Zinc	7440-66-6	<0.008 U	0.045	<0.008 U	<0.0045 U	<0.008 U

Table C-1. 2019 Groundwater Analytical Results - Metals

Station		WBGmw-021
Sample Id		WBGmw-021-191001-GW
Date		09/30/19
Sample Type		GR
Filter Status		Total
Aquifer		
Analyte (ug/L)	CAS Number	Upper Sharon
Aluminum	7429-90-5	<0.07 U
Antimony	7440-36-0	<0.001 U
Arsenic	7440-38-2	0.0071
Barium	7440-39-3	0.056 J
Beryllium	7440-41-7	<0.0003 U
Cadmium	7440-43-9	<0.001 U
Calcium	7440-70-2	71
Chromium	7440-47-3	<0.0018 U
Cobalt	7440-48-4	0.00027 J
Copper	7440-50-8	<0.0018 U
Iron	7439-89-6	1 J
Lead	7439-92-1	<0.0007 U
Magnesium	7439-95-4	18
Manganese	7439-96-5	0.38
Mercury	7439-97-6	<0.00008 U
Nickel	7440-02-0	<0.001 U
Potassium	7440-09-7	1.3 J
Selenium	7782-49-2	<0.001 U
Silver	7440-22-4	<0.0001 U
Sodium	7440-23-5	5.1
Thallium	7440-28-0	<0.0002 U
Vanadium	7440-62-2	<0.003 U
Zinc	7440-66-6	<0.0056 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-004
Sample Id		DET-003-190402-GW	DET-003-190401-GW	DET-003-191001-GW	DET-004-190401-GW
Date		04/29/19	04/29/19	10/01/19	04/29/19
Sample Type		FD	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.44 U	<0.45 U	<0.4 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.22 U	<0.22 U	<0.2 UJ	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.44 U	<0.45 U	<0.4 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.22 U	<0.22 U	<0.2 UJ	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.22 U	<0.22 U	<0.2 UJ	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.13 U	<0.12 UJ	<0.12 U
2-Nitrotoluene	88-72-2	<0.22 UJ	<0.22 UJ	<0.2 UJ	<0.21 UJ
3-Nitrotoluene	99-08-1	<0.44 U	<0.45 UJ	<0.4 UJ	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.13 U	<0.12 UJ	<0.12 U
4-Nitrotoluene	99-99-0	<0.44 U	<0.45 U	<0.4 UJ	<0.41 U
HMX	2691-41-0	<0.22 U	<0.22 U	<0.2 U	1.6
Nitrobenzene	98-95-3	<0.22 U	<0.22 U	<0.2 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.2 U	<2.2 U	<2 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.4 U	<4.5 U	<4 U	<4.1 U
RDX	121-82-4	<0.44 U	<0.45 U	<0.4 U	1.4
Tetryl	479-45-8	<0.22 U	<0.22 U	<0.2 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		DETMw-004	FBQmw-174	FBQmw-174	FWGmw-004
Sample Id		DET-004-191001-GW	FBQmw-174-190401-GW	FBQmw-174-191001-GW	FWGmw-004-190401-GW
Date		10/01/19	04/30/19	10/02/19	05/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Homewood	Homewood	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.42 U	<0.42 UJ	<0.4 U
1,3-Dinitrobenzene	99-65-0	<0.2 UJ	<0.21 U	<0.21 UJ	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	10	<0.42 UJ	<0.4 U
2,4-Dinitrotoluene	121-14-2	<0.2 UJ	0.67	<0.21 UJ	<0.2 U
2,6-Dinitrotoluene	606-20-2	<0.2 UJ	<0.21 U	<0.21 UJ	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 UJ	15	<0.13 UJ	<0.12 U
2-Nitrotoluene	88-72-2	<0.2 UJ	<0.21 U	<0.21 UJ	<0.2 U
3-Nitrotoluene	99-08-1	<0.41 UJ	<0.42 U	<0.42 UJ	<0.4 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 UJ	14	<0.13 UJ	<0.12 U
4-Nitrotoluene	99-99-0	<0.41 UJ	<0.42 U	<0.42 UJ	<0.4 U
HMX	2691-41-0	1.4	<0.21 U	<0.21 UJ	<0.2 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 U	<0.21 UJ	<0.2 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2.1 UJ	<2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.2 U	<4.2 UJ	<4 U
RDX	121-82-4	0.33 J	1.2 J	<0.42 U	<0.4 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.21 UJ	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		FWGmw-004	FWGmw-007	FWGmw-007	FWGmw-011
Sample Id		FWGmw-004-191001-GW	FWGmw-007-190401-GW	FWGmw-007-191001-GW	FWGmw-011-190401-GW
Date		10/01/19	04/30/19	10/02/19	05/07/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.44 UJ	<0.44 U	<0.43 U	<0.42 U
1,3-Dinitrobenzene	99-65-0	<0.22 UJ	<0.22 U	<0.22 UJ	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.44 UJ	<0.44 U	<0.43 U	<0.42 U
2,4-Dinitrotoluene	121-14-2	<0.22 UJ	<0.22 U	<0.22 UJ	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.22 UJ	<0.22 U	<0.22 UJ	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 UJ	<0.13 U	<0.13 UJ	<0.12 U
2-Nitrotoluene	88-72-2	<0.22 UJ	<0.22 UJ	<0.22 UJ	<0.21 U
3-Nitrotoluene	99-08-1	<0.44 UJ	<0.44 U	<0.43 UJ	<0.42 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 UJ	<0.13 U	<0.13 UJ	<0.12 U
4-Nitrotoluene	99-99-0	<0.44 UJ	<0.44 U	<0.43 UJ	<0.42 U
HMX	2691-41-0	<0.22 UJ	<0.22 U	<0.22 U	<0.21 U
Nitrobenzene	98-95-3	<0.22 UJ	<0.22 U	<0.22 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.2 UJ	<2.2 U	<2.2 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.4 UJ	<4.4 U	<4.3 U	<4.2 U
RDX	121-82-4	<0.44 UJ	<0.44 U	<0.43 U	<0.42 U
Tetryl	479-45-8	<0.22 UJ	<0.22 U	<0.22 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		FWGmw-011	FWGmw-012	FWGmw-012	FWGmw-015
Sample Id		FWGmw-011-191001-GW	FWGmw-012-190401-GW	FWGmw-012-191001-GW	FWGmw-015-190401-GW
Date		10/03/19	05/07/19	10/03/19	05/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.39 U	<0.42 U	<0.41 U	<0.44 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.21 U	<0.2 U	<0.22 U
2,4,6-Trinitrotoluene	118-96-7	<0.39 U	<0.42 U	<0.41 U	<0.44 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.21 U	<0.2 U	<0.22 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.21 U	<0.2 U	<0.22 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	<0.13 U	<0.12 U	<0.13 U
2-Nitrotoluene	88-72-2	<0.2 U	<0.21 U	<0.2 U	<0.22 U
3-Nitrotoluene	99-08-1	<0.39 U	<0.42 U	<0.41 U	<0.44 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	<0.13 U	<0.12 U	<0.13 U
4-Nitrotoluene	99-99-0	<0.39 U	<0.42 U	<0.41 U	<0.44 U
HMX	2691-41-0	<0.2 U	<0.21 U	<0.2 U	<0.22 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 U	<0.2 U	<0.22 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2 U	<2.2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<3.9 U	<4.2 U	<4.1 U	<4.4 U
RDX	121-82-4	<0.39 U	<0.42 U	<0.41 U	<0.44 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.2 U	<0.22 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		FWGmw-015	FWGmw-016	FWGmw-016	FWGmw-019
Sample Id		FWGmw-015-191001-GW	FWGmw-016-190401-GW	FWGmw-016-191001-GW	FWGmw-019-190401-GW
Date		09/30/19	04/29/19	09/30/19	05/02/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					Basal Sharon Conglomerate
Analyte(ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	
1,3,5-Trinitrobenzene	99-35-4	<0.43 U	<0.4 U	<0.45 U	NA
1,3-Dinitrobenzene	99-65-0	<0.21 U	<0.2 U	<0.23 U	NA
2,4,6-Trinitrotoluene	118-96-7	<0.43 U	<0.4 U	<0.45 U	NA
2,4-Dinitrotoluene	121-14-2	<0.21 U	<0.2 U	<0.23 U	NA
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.2 U	<0.23 U	NA
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.12 U	<0.14 U	NA
2-Nitrotoluene	88-72-2	<0.21 U	<0.2 UJ	<0.23 U	NA
3-Nitrotoluene	99-08-1	<0.43 U	<0.4 U	<0.45 U	NA
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.12 U	<0.14 U	NA
4-Nitrotoluene	99-99-0	<0.43 U	<0.4 U	<0.45 U	NA
HMX	2691-41-0	<0.21 U	<0.2 U	<0.23 U	NA
Nitrobenzene	98-95-3	<0.21 U	<0.2 U	<0.23 U	NA
Nitrocellulose	9004-70-0	NA	NA	NA	<1000 U
Nitroglycerin	55-63-0	<2.1 U	<2 U	<2.3 U	NA
Nitroguanidine	556-88-7	NA	NA	NA	<6 U
PETN	78-11-5	<4.3 U	<4 U	<4.5 U	NA
RDX	121-82-4	<0.43 U	<0.4 U	<0.45 U	NA
Tetryl	479-45-8	<0.21 U	<0.2 U	<0.23 U	NA

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		FWGmw-021	FWGmw-021	FWGmw-021	FWGmw-021
Sample Id		FWGmw-021-190402-GW	FWGmw-021-190401-GW	FWGmw-021-191002-GW	FWGmw-021-191001-GW
Date		05/09/19	05/09/19	10/03/19	10/03/19
Sample Type		FD	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.43 U	<0.41 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.21 U	<0.2 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.43 UJ	<0.41 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.21 U	<0.2 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.21 U	<0.2 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.38	0.31 J	0.22	<0.12 U
2-Nitrotoluene	88-72-2	<0.2 U	<0.21 UJ	<0.2 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.41 U	<0.43 UJ	<0.41 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	0.31	0.28 J	<0.12 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.41 U	<0.43 UJ	<0.41 U	<0.41 U
HMX	2691-41-0	<0.2 U	<0.21 U	<0.2 U	<0.21 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 U	<0.2 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.3 U	<4.1 U	<4.1 U
RDX	121-82-4	<0.41 U	<0.43 U	<0.41 U	<0.41 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.2 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		FWGmw-022	FWGmw-023	FWGmw-024	FWGmw-024
Sample Id		FWGmw-022-190401-GW	FWGmw-023-190401-GW	FWGmw-024-190401-GW	FWGmw-024-191001-GW
Date		05/02/19	05/01/19	05/09/19	10/03/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	NA	NA	<0.42 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	NA	NA	<0.21 U	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	NA	NA	<0.42 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	NA	NA	<0.21 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NA	NA	<0.21 U	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	NA	NA	<0.13 U	<0.12 U
2-Nitrotoluene	88-72-2	NA	NA	<0.21 U	<0.2 U
3-Nitrotoluene	99-08-1	NA	NA	<0.42 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	NA	NA	<0.13 U	<0.12 U
4-Nitrotoluene	99-99-0	NA	NA	<0.42 U	<0.41 U
HMX	2691-41-0	NA	NA	<0.21 U	<0.2 U
Nitrobenzene	98-95-3	NA	NA	<0.21 U	<0.2 U
Nitrocellulose	9004-70-0	<1000 U	<1000 U	NA	NA
Nitroglycerin	55-63-0	NA	NA	<2.1 U	<2 U
Nitroguanidine	556-88-7	<6 U	<6 U	NA	NA
PETN	78-11-5	NA	NA	<4.2 U	<4.1 U
RDX	121-82-4	NA	NA	<0.42 U	<0.41 U
Tetryl	479-45-8	NA	NA	<0.21 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL12mw-245	LL12mw-245	LL1mw-063	LL1mw-065
Sample Id		LL12mw-245-190401-GW	LL12mw-245-191001-GW	LL1mw-063-191001-GW	LL1mw-065-190401-GW
Date		05/02/19	10/08/19	10/09/19	05/07/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.42 U	<0.41 U	<0.42 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.21 U	<0.2 U	0.41 J	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	0.46 J	<0.41 U	0.4 J	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.21 U	<0.2 U	0.22 J	<0.2 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.2 U	<0.21 U	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.12 U	3.7	<0.12 U
2-Nitrotoluene	88-72-2	<0.21 U	<0.2 U	<0.21 U	<0.2 U
3-Nitrotoluene	99-08-1	<0.42 U	<0.41 U	<0.42 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.12 U	5.9	<0.12 U
4-Nitrotoluene	99-99-0	<0.42 U	<0.41 U	<0.42 U	<0.41 U
HMX	2691-41-0	<0.21 U	<0.2 U	1.5	<0.2 U
Nitrobenzene	98-95-3	<0.21 U	<0.2 U	0.27 J	<0.2 U
Nitrocellulose	9004-70-0	NA	NA	<1000 U	NA
Nitroglycerin	55-63-0	<2.1 U	<2 U	<2.1 U	<2 U
Nitroguanidine	556-88-7	NA	NA	<6 UJ	NA
PETN	78-11-5	<4.2 U	<4.1 U	<4.2 U	<4.1 U
RDX	121-82-4	0.72 J	<0.41 U	<0.42 U	<0.41 U
Tetryl	479-45-8	<0.21 U	<0.2 U	<0.21 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL1mw-065	LL1mw-080	LL1mw-080	LL1mw-081
Sample Id		LL1mw-065-191001-GW	LL1mw-080-190401-GW	LL1mw-080-191001-GW	LL1mw-081-190401-GW
Date		10/08/19	05/07/19	10/09/19	05/06/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.45 U	<0.42 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.23 U	0.62	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.45 U	<0.42 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.23 U	0.23 J	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.23 U	<0.21 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	1.2	2.4	0.32
2-Nitrotoluene	88-72-2	<0.2 U	<0.23 U	<0.21 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.41 U	<0.45 U	<0.42 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	2.4	3.1	0.3
4-Nitrotoluene	99-99-0	<0.41 U	<0.45 U	<0.42 U	<0.41 U
HMX	2691-41-0	<0.2 U	2.3	7.2	<0.21 U
Nitrobenzene	98-95-3	<0.2 U	<0.23 U	<0.21 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2.3 U	<2.1 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.5 U	<4.2 U	<4.1 U
RDX	121-82-4	<0.41 U	13	24	0.16 J
Tetryl	479-45-8	<0.2 U	<0.23 U	<0.21 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL1mw-081	LL1mw-083	LL1mw-083	LL1mw-084
Sample Id		LL1mw-081-191001-GW	LL1mw-083-190401-GW	LL1mw-083-191001-GW	LL1mw-084-190401-GW
Date		10/08/19	05/06/19	10/09/19	05/06/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.43 U	4.8	5.1	1.4
1,3-Dinitrobenzene	99-65-0	<0.22 U	2	1.7 J	2.4
2,4,6-Trinitrotoluene	118-96-7	<0.43 U	1.9	2.3	3.3
2,4-Dinitrotoluene	121-14-2	<0.22 U	2.8	2.8	0.87
2,6-Dinitrotoluene	606-20-2	<0.22 U	<0.2 U	<0.21 U	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.27	11	12	7.9
2-Nitrotoluene	88-72-2	<0.22 U	<0.2 U	<0.21 U	<0.2 U
3-Nitrotoluene	99-08-1	<0.43 U	<0.41 U	<0.42 U	<0.4 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	0.24	14	20	18
4-Nitrotoluene	99-99-0	<0.43 U	<0.41 U	<0.42 U	<0.4 U
HMX	2691-41-0	<0.22 U	1.9	<0.21 U	<0.2 U
Nitrobenzene	98-95-3	<0.22 U	<0.2 U	<0.21 U	<0.2 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.2 U	<2 U	<2.1 U	<2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.3 U	<4.1 U	<4.2 U	<4 U
RDX	121-82-4	<0.43 U	<0.41 U	<0.42 U	2
Tetryl	479-45-8	<0.22 U	<0.2 U	<0.21 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL1mw-084	LL1mw-087	LL1mw-087	LL1mw-088
Sample Id		LL1mw-084-191001-GW	LL1mw-087-190401-GW	LL1mw-087-191001-GW	LL1mw-088-190401-GW
Date		10/09/19	05/02/19	10/03/19	05/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	1.3 J	<0.41 U	<0.43 U	<0.44 U
1,3-Dinitrobenzene	99-65-0	2.5 J	<0.2 U	<0.21 U	<0.22 U
2,4,6-Trinitrotoluene	118-96-7	3.6	<0.41 U	<0.43 U	<0.44 U
2,4-Dinitrotoluene	121-14-2	1.4 J	<0.2 U	<0.21 U	<0.22 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.2 U	<0.21 U	<0.22 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	8.9	<0.12 U	<0.13 U	<0.13 U
2-Nitrotoluene	88-72-2	<0.21 U	<0.2 U	<0.21 U	<0.22 U
3-Nitrotoluene	99-08-1	<0.43 U	<0.41 U	<0.43 U	<0.44 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	20	<0.12 U	<0.13 U	<0.13 U
4-Nitrotoluene	99-99-0	<0.43 U	<0.41 U	<0.43 U	<0.44 U
HMX	2691-41-0	<0.21 U	<0.2 U	<0.21 U	<0.22 U
Nitrobenzene	98-95-3	<0.21 U	<0.2 U	<0.21 U	<0.22 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.1 U	<2 U	<2.1 U	<2.2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.3 U	<4.1 U	<4.3 U	<4.4 U
RDX	121-82-4	<0.43 U	<0.41 U	<0.43 U	<0.44 U
Tetryl	479-45-8	<0.21 U	<0.2 U	<0.21 U	<0.22 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL1mw-088	LL1mw-089	LL1mw-089	LL1mw-089
Sample Id		LL1mw-088-191001-GW	LL1mw-089-190402-GW	LL1mw-089-190401-GW	LL1mw-089-191002-GW
Date		10/03/19	05/07/19	05/07/19	10/09/19
Sample Type		GR	FD	GR	FD
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.4 U	<0.42 U	<0.47 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.21 U	<0.24 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.4 U	<0.42 U	<0.47 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.21 U	<0.24 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.21 U	<0.24 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	<0.13 U	<0.14 U	<0.12 U
2-Nitrotoluene	88-72-2	<0.2 U	<0.21 U	<0.24 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.4 U	<0.42 U	<0.47 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	<0.13 U	<0.14 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.4 U	<0.42 U	<0.47 U	<0.41 U
HMX	2691-41-0	<0.2 U	<0.21 U	<0.24 U	<0.21 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 U	<0.24 U	<0.21 U
Nitrocellulose	9004-70-0	NA	630 J	<1000 U	NA
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2.4 U	<2.1 U
Nitroguanidine	556-88-7	NA	<6 U	<6 U	NA
PETN	78-11-5	<4 U	<4.2 U	<4.7 U	<4.1 U
RDX	121-82-4	<0.4 U	<0.42 U	<0.47 U	<0.41 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.24 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL1mw-089	LL2mw-059	LL2mw-059	LL2mw-267
Sample Id		LL1mw-089-191001-GW	LL2mw-059-190401-GW	LL2mw-059-191001-GW	LL2mw-267-190401-GW
Date		10/09/19	05/06/19	10/02/19	05/02/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	2.3	2.1	<0.4 U
1,3-Dinitrobenzene	99-65-0	<0.21 U	0.27 J	0.31 J	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.44 U	<0.4 U	<0.4 U
2,4-Dinitrotoluene	121-14-2	<0.21 U	0.52	<0.2 UJ	<0.2 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.22 U	<0.2 UJ	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	0.62	<0.12 UJ	0.26
2-Nitrotoluene	88-72-2	<0.21 U	<0.22 U	<0.2 UJ	<0.2 U
3-Nitrotoluene	99-08-1	<0.41 U	<0.44 U	<0.4 UJ	<0.4 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	0.57	<0.12 UJ	0.23
4-Nitrotoluene	99-99-0	<0.41 U	<0.44 U	<0.4 UJ	<0.4 U
HMX	2691-41-0	<0.21 U	<0.22 U	<0.2 U	0.57
Nitrobenzene	98-95-3	<0.21 U	<0.22 U	<0.2 U	<0.2 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.1 U	<2.2 U	<2 U	<2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.4 U	<4 U	<4 U
RDX	121-82-4	<0.41 U	<0.44 U	<0.4 U	0.29 J
Tetryl	479-45-8	<0.21 U	<0.22 U	<0.2 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL2mw-267	LL3mw-237	LL3mw-237	LL3mw-244
Sample Id		LL2mw-267-191001-GW	LL3mw-237-190401-GW	LL3mw-237-191001-GW	LL3mw-244-190401-GW
Date		10/07/19	05/06/19	10/07/19	05/06/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.4 U	<0.41 U	<0.39 U	<0.44 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.2 U	<0.2 U	<0.22 U
2,4,6-Trinitrotoluene	118-96-7	<0.4 U	0.42	<0.39 U	<0.44 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.2 U	<0.2 U	<0.22 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.2 U	<0.2 U	<0.22 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	2.3	0.95	0.4
2-Nitrotoluene	88-72-2	<0.2 U	<0.2 U	<0.2 U	<0.22 U
3-Nitrotoluene	99-08-1	<0.4 U	<0.41 U	<0.39 U	<0.44 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	4	1.6	0.35
4-Nitrotoluene	99-99-0	<0.4 U	<0.41 U	<0.39 U	<0.44 U
HMX	2691-41-0	<0.2 U	<0.2 U	<0.2 U	<0.22 U
Nitrobenzene	98-95-3	<0.2 U	<0.2 U	0.1 J	<0.22 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2 U	<2 U	<2.2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4 U	<4.1 U	<3.9 U	<4.4 U
RDX	121-82-4	<0.4 U	<0.41 U	<0.39 U	<0.44 U
Tetryl	479-45-8	<0.2 U	<0.2 U	<0.2 U	<0.22 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL3mw-244	LL3mw-246	LL3mw-246	LL3mw-246
Sample Id		LL3mw-244-191001-GW	LL3mw-246-190402-GW	LL3mw-246-190401-GW	LL3mw-246-191002-GW
Date		10/02/19	05/09/19	05/09/19	10/03/19
Sample Type		GR	FD	GR	FD
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.42 U	<0.42 U	<0.4 U
1,3-Dinitrobenzene	99-65-0	<0.2 UJ	<0.21 U	<0.21 U	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.42 U	<0.42 U	<0.4 U
2,4-Dinitrotoluene	121-14-2	<0.2 UJ	<0.21 U	<0.21 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	<0.2 UJ	<0.21 U	<0.21 U	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 UJ	0.3	0.31	<0.12 U
2-Nitrotoluene	88-72-2	<0.2 UJ	<0.21 U	<0.21 U	<0.2 U
3-Nitrotoluene	99-08-1	<0.41 UJ	<0.42 U	<0.42 U	<0.4 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 UJ	0.26	0.27	0.22 J
4-Nitrotoluene	99-99-0	<0.41 UJ	<0.42 U	<0.42 U	<0.4 U
HMX	2691-41-0	<0.2 U	<0.21 U	<0.21 U	<0.2 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 U	<0.21 U	<0.2 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2.1 U	<2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.2 U	<4.2 U	<4 U
RDX	121-82-4	<0.41 U	<0.42 U	<0.42 U	<0.4 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.21 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		LL3mw-246	LL7mw-006	LL7mw-006	NTAmw-119
Sample Id		LL3mw-246-191001-GW	LL7mw-006-190401-GW	LL7mw-006-191001-GW	NTAmw-119-190402-GW
Date		10/03/19	05/01/19	10/02/19	04/30/19
Sample Type		GR	GR	GR	FD
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Homewood	Homewood	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.4 U	<0.42 U	<0.43 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.2 U	<0.21 UJ	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.4 U	<0.42 U	<0.43 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.2 U	<0.21 UJ	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.2 U	<0.21 UJ	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.31 J	<0.12 U	<0.13 UJ	<0.13 U
2-Nitrotoluene	88-72-2	<0.2 U	<0.2 U	<0.21 UJ	<0.21 UJ
3-Nitrotoluene	99-08-1	<0.41 U	<0.4 U	<0.42 UJ	<0.43 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	0.26	<0.12 U	<0.13 UJ	<0.13 U
4-Nitrotoluene	99-99-0	<0.41 U	<0.4 U	<0.42 UJ	<0.43 U
HMX	2691-41-0	<0.2 U	0.17 J	0.15 J	<0.21 U
Nitrobenzene	98-95-3	<0.2 U	<0.2 U	<0.21 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2 U	<2 U	<2.1 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4 U	<4.2 U	<4.3 U
RDX	121-82-4	<0.41 U	0.42	0.46	<0.43 U
Tetryl	479-45-8	<0.2 U	<0.2 U	<0.21 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		NTAmw-119	NTAmw-119	NTAmw-119	RQLmw-007
Sample Id		NTAmw-119-190401-GW	NTAmw-119-191002-GW	NTAmw-119-191001-GW	RQLmw-007-190401-GW
Date		04/30/19	10/02/19	10/02/19	05/09/19
Sample Type		GR	FD	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.43 U	<0.38 U	<0.37 UJ	<0.45 U
1,3-Dinitrobenzene	99-65-0	<0.22 U	<0.19 UJ	<0.19 UJ	<0.22 U
2,4,6-Trinitrotoluene	118-96-7	<0.43 U	<0.38 U	<0.37 UJ	<0.45 U
2,4-Dinitrotoluene	121-14-2	<0.22 U	<0.19 UJ	<0.19 UJ	<0.22 U
2,6-Dinitrotoluene	606-20-2	<0.22 U	<0.19 UJ	<0.19 UJ	<0.22 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.12 UJ	<0.11 UJ	<0.13 U
2-Nitrotoluene	88-72-2	<0.22 UJ	<0.19 UJ	<0.19 UJ	<0.22 U
3-Nitrotoluene	99-08-1	<0.43 UJ	<0.38 UJ	<0.37 UJ	<0.45 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.12 UJ	<0.11 UJ	<0.13 U
4-Nitrotoluene	99-99-0	<0.43 UJ	0.63 J	0.31 J	<0.45 U
HMX	2691-41-0	<0.22 U	<0.19 U	<0.19 UJ	<0.22 U
Nitrobenzene	98-95-3	<0.22 U	<0.19 U	<0.19 UJ	<0.22 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.2 U	<1.9 U	<1.9 UJ	<2.2 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.3 U	<3.8 U	<3.7 UJ	<4.5 U
RDX	121-82-4	<0.43 U	<0.38 U	<0.37 UJ	<0.45 U
Tetryl	479-45-8	<0.22 U	<0.19 U	<0.19 UJ	<0.22 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		RQLmw-007	RQLmw-008	RQLmw-008	RQLmw-009
Sample Id		RQLmw-007-191001-GW	RQLmw-008-190401-GW	RQLmw-008-191001-GW	RQLmw-009-190401-GW
Date		10/07/19	05/09/19	10/07/19	05/09/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.43 U	<0.45 U	<0.43 U	<0.42 U
1,3-Dinitrobenzene	99-65-0	<0.21 U	<0.22 U	<0.21 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.43 U	<0.45 U	<0.43 U	<0.42 U
2,4-Dinitrotoluene	121-14-2	<0.21 U	<0.22 U	<0.21 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.22 U	<0.21 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.13 U	<0.13 U	<0.13 U
2-Nitrotoluene	88-72-2	<0.21 U	<0.22 U	<0.21 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.43 U	<0.45 U	<0.43 U	<0.42 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.13 U	<0.13 U	<0.13 U
4-Nitrotoluene	99-99-0	<0.43 U	<0.45 U	<0.43 U	<0.42 U
HMX	2691-41-0	<0.21 U	<0.22 U	<0.21 U	<0.21 U
Nitrobenzene	98-95-3	<0.21 U	<0.22 U	<0.21 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.1 U	<2.2 U	<2.1 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.3 U	<4.5 U	<4.3 U	<4.2 U
RDX	121-82-4	<0.43 U	<0.45 U	<0.43 U	<0.42 U
Tetryl	479-45-8	<0.21 U	<0.22 U	<0.21 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		RQLmw-009	SCLmw-001	SCLmw-001	SCLmw-001
Sample Id		RQLmw-009-191001-GW	SCLmw-001-190101-GW	SCLmw-001-190401-GW	SCLmw-001-190801-GW
Date		10/07/19	01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.4 U	<0.42 U	<0.42 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.21 U	<0.21 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.4 U	<0.21 U	<0.42 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.21 U	<0.21 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.21 U	<0.21 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	<0.13 UJ	<0.13 U	<0.12 U
2-Nitrotoluene	88-72-2	<0.2 U	<0.21 UJ	<0.21 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.4 U	<0.21 UJ	<0.42 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	<0.13 UJ	<0.13 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.4 U	<0.42 UJ	<0.42 U	<0.41 U
HMX	2691-41-0	<0.2 U	<0.21 U	<0.21 U	<0.21 U
Nitrobenzene	98-95-3	<0.2 U	<0.21 UJ	<0.21 U	<0.21 U
Nitrocellulose	9004-70-0	NA	<1000 U	<1000 U	<1000 U
Nitroglycerin	55-63-0	<2 U	<2.1 U	<2.1 U	<2.1 U
Nitroguanidine	556-88-7	NA	<6 U	<6 U	<6 U
PETN	78-11-5	<4 U	<1.3 U	<4.2 U	<4.1 U
RDX	121-82-4	<0.4 U	<0.13 U	<0.42 U	<0.41 U
Tetryl	479-45-8	<0.2 U	<0.21 U	<0.21 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002
Sample Id		SCLmw-002-190102-GW	SCLmw-002-190101-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW
Date		01/28/19	01/28/19	05/08/19	08/13/19
Sample Type		FD	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.4 U	<0.4 UJ	<0.42 U	<0.42 U
1,3-Dinitrobenzene	99-65-0	<0.2 U	<0.2 UJ	<0.21 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.2 U	<0.2 UJ	<0.42 U	<0.42 U
2,4-Dinitrotoluene	121-14-2	<0.2 U	<0.2 UJ	<0.21 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.2 U	<0.2 UJ	<0.21 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 UJ	<0.12 UJ	<0.13 U	<0.13 U
2-Nitrotoluene	88-72-2	<0.2 UJ	<0.2 UJ	<0.21 U	<0.21 U
3-Nitrotoluene	99-08-1	<0.2 UJ	<0.2 UJ	<0.42 U	<0.42 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 UJ	<0.12 UJ	<0.13 U	<0.13 U
4-Nitrotoluene	99-99-0	<0.4 UJ	<0.4 UJ	<0.42 U	<0.42 U
HMX	2691-41-0	<0.2 U	<0.2 UJ	<0.21 U	<0.21 U
Nitrobenzene	98-95-3	<0.2 UJ	<0.2 UJ	<0.21 U	<0.21 U
Nitrocellulose	9004-70-0	<1000 U	<1000 U	<1000 U	<1000 U
Nitroglycerin	55-63-0	<2 U	<2 UJ	<2.1 U	<2.1 U
Nitroguanidine	556-88-7	<6 U	<6 U	<6 U	<6 U
PETN	78-11-5	<1.2 U	<1.2 UJ	<4.2 U	<4.2 U
RDX	121-82-4	<0.12 U	<0.12 U	<0.42 U	0.54
Tetryl	479-45-8	<0.2 U	<0.2 UJ	<0.21 U	<0.21 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		SCLmw-003	SCLmw-003	SCLmw-003	WBGmw-006
Sample Id		SCLmw-003-190101-GW	SCLmw-003-190401-GW	SCLmw-003-190801-GW	WBGmw-006-190401-GW
Date		01/28/19	05/08/19	08/13/19	04/30/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,3,5-Trinitrobenzene	99-35-4	<0.44 U	<0.43 U	<0.42 U	<0.39 U
1,3-Dinitrobenzene	99-65-0	<0.22 U	<0.22 U	<0.21 U	<0.2 U
2,4,6-Trinitrotoluene	118-96-7	<0.22 U	<0.43 U	<0.42 U	<0.39 U
2,4-Dinitrotoluene	121-14-2	<0.22 U	<0.22 U	<0.21 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	<0.22 U	<0.22 U	<0.21 U	<0.2 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 UJ	<0.13 U	<0.13 U	<0.12 U
2-Nitrotoluene	88-72-2	<0.22 UJ	<0.22 U	<0.21 U	<0.2 UJ
3-Nitrotoluene	99-08-1	<0.22 UJ	<0.43 U	<0.42 U	<0.39 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 UJ	<0.13 U	<0.13 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.44 UJ	<0.43 U	<0.42 U	<0.39 U
HMX	2691-41-0	<0.22 U	<0.22 U	<0.21 U	3.4
Nitrobenzene	98-95-3	<0.22 UJ	<0.22 U	<0.21 U	<0.2 U
Nitrocellulose	9004-70-0	<1000 U	<1000 U	<1000 U	NA
Nitroglycerin	55-63-0	<2.2 U	<2.2 U	<2.1 U	<2 U
Nitroguanidine	556-88-7	<6 U	<6 U	<6 U	NA
PETN	78-11-5	<1.3 U	<4.3 U	<4.2 U	<3.9 U
RDX	121-82-4	<0.13 U	<0.43 U	<0.42 U	11
Tetryl	479-45-8	<0.22 U	<0.22 U	<0.21 U	<0.2 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		WBGmw-006	WBGmw-009	WBGmw-009	WBGmw-020
Sample Id		WBGmw-006-191001-GW	WBGmw-009-190401-GW	WBGmw-009-191001-GW	WBGmw-020-190401-GW
Date		09/30/19	04/30/19	09/30/19	04/30/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte(ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.41 U	<0.42 U	<0.46 U	<0.39 U
1,3-Dinitrobenzene	99-65-0	<0.21 U	<0.21 U	<0.23 U	<0.19 U
2,4,6-Trinitrotoluene	118-96-7	<0.41 U	<0.42 U	<0.46 U	<0.39 U
2,4-Dinitrotoluene	121-14-2	<0.21 U	<0.21 U	<0.23 U	<0.19 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.21 U	<0.23 U	<0.19 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.12 U	<0.13 U	<0.14 U	<0.12 U
2-Nitrotoluene	88-72-2	<0.21 U	<0.21 UJ	<0.23 U	<0.19 UJ
3-Nitrotoluene	99-08-1	<0.41 U	<0.42 U	<0.46 U	<0.39 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.12 U	<0.13 U	<0.14 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.41 U	<0.42 U	<0.46 U	<0.39 U
HMX	2691-41-0	3	0.67	1.4	<0.19 U
Nitrobenzene	98-95-3	<0.21 U	<0.21 U	<0.23 U	<0.19 U
Nitrocellulose	9004-70-0	NA	NA	NA	NA
Nitroglycerin	55-63-0	<2.1 U	<2.1 U	<2.3 U	<1.9 U
Nitroguanidine	556-88-7	NA	NA	NA	NA
PETN	78-11-5	<4.1 U	<4.2 U	<4.6 U	<3.9 U
RDX	121-82-4	8.2	1.6	3.5	<0.39 U
Tetryl	479-45-8	<0.21 U	<0.21 U	<0.23 U	<0.19 U

Table C-2. 2019 Groundwater Sample Analytical Results - Explosives

Station		WBGmw-020	WBGmw-021	WBGmw-021
Sample Id		WBGmw-020-191001-GW	WBGmw-021-190401-GW	WBGmw-021-191001-GW
Date		09/30/19	04/30/19	09/30/19
Sample Type		GR	GR	GR
Filter Status		Total	Total	Total
Aquifer				
Analyte(ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon
1,3,5-Trinitrobenzene	99-35-4	<0.43 U	<0.44 U	<0.41 U
1,3-Dinitrobenzene	99-65-0	<0.21 U	<0.22 U	<0.21 U
2,4,6-Trinitrotoluene	118-96-7	<0.43 U	<0.44 U	<0.41 U
2,4-Dinitrotoluene	121-14-2	<0.21 U	<0.22 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.21 U	<0.22 U	<0.21 U
2-Amino-4,6-Dinitrotoluene	35572-78-2	<0.13 U	<0.13 U	<0.12 U
2-Nitrotoluene	88-72-2	<0.21 U	<0.22 UJ	<0.21 U
3-Nitrotoluene	99-08-1	<0.43 U	<0.44 U	<0.41 U
4-Amino-2,6-Dinitrotoluene	19406-51-0	<0.13 U	<0.13 U	<0.12 U
4-Nitrotoluene	99-99-0	<0.43 U	<0.44 U	<0.41 U
HMX	2691-41-0	<0.21 U	<0.22 U	<0.21 U
Nitrobenzene	98-95-3	<0.21 U	<0.22 U	<0.21 U
Nitrocellulose	9004-70-0	NA	NA	NA
Nitroglycerin	55-63-0	<2.1 U	<2.2 U	<2.1 U
Nitroguanidine	556-88-7	NA	NA	NA
PETN	78-11-5	<4.3 U	<4.4 U	<4.1 U
RDX	121-82-4	<0.43 U	<0.44 U	<0.41 U
Tetryl	479-45-8	<0.21 U	<0.22 U	<0.21 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-004
Sample Id		DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW	DET-004-190401-GW
Date		04/29/19	10/01/19	10/01/19	04/29/19
Sample Type		GR	FD	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	NA	NA	NA	NA
1,4-Dioxane	123-91-1	NA	NA	NA	NA
1-Methylnaphthalene	90-12-0	<0.044 U	NA	<0.039 U	<0.043 U
2,4,5-Trichlorophenol	95-95-4	<4.4 U	<4.5 U	<4.6 U	<4.4 U
2,4,6-Trichlorophenol	88-06-2	<1 U	<1 U	<1.1 U	<0.99 U
2,4-Dichlorophenol	120-83-2	<2 U	<2.1 U	<2.1 U	<2 U
2,4-Dimethylphenol	105-67-9	<2 U	<2.1 U	<2.1 U	<2 U
2,4-Dinitrophenol	51-28-5	<30 U	<31 UJ	<32 UJ	<30 U
2,4-Dinitrotoluene	121-14-2	<4.4 U	<4.5 U	<4.6 U	<4.4 U
2,6-Dinitrotoluene	606-20-2	<4.4 U	<4.5 U	<4.6 U	<4.4 U
2-Chloronaphthalene	91-58-7	NA	NA	NA	NA
2-Chlorophenol	95-57-8	<4.4 U	<4.5 U	<4.6 U	<4.4 U
2-Methyl-4,6-dinitrophenol	534-52-1	<8.9 U	<9.1 UJ	<9.2 UJ	<8.7 U
2-Methylnaphthalene	91-57-6	<0.055 U	NA	<0.049 U	<0.053 U
2-Methylphenol	95-48-7	<2 U	<2.1 U	<2.1 U	<2 U
2-Nitrobenzenamine	88-74-4	NA	NA	NA	NA
2-Nitrophenol	88-75-5	<1 U	<1 U	<1.1 U	<0.99 U
3,3'-Dichlorobenzidine	91-94-1	NA	NA	NA	NA
3-Nitrobenzenamine	99-09-2	NA	NA	NA	NA
4-Bromophenyl phenyl ether	101-55-3	NA	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	<5.1 U	<5.2 U	<5.3 U	<4.9 U
4-Chlorobenzenamine	106-47-8	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	7005-72-3	NA	NA	NA	NA
4-Nitrobenzenamine	100-01-6	NA	NA	NA	NA
4-Nitrophenol	100-02-7	<4 U	<4.1 U	<4.2 U	<4 U
Acenaphthene	83-32-9	<0.044 U	NA	<0.039 U	<0.043 U
Acenaphthylene	208-96-8	<0.044 U	NA	<0.039 U	<0.043 U
Anthracene	120-12-7	<0.11 U	NA	<0.099 U	<0.11 U
Benz(a)anthracene	56-55-3	<0.11 U	NA	<0.099 U	<0.11 U
Benzenemethanol	100-51-6	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	<0.055 U	NA	<0.049 U	<0.053 U
Benzo(b)fluoranthene	205-99-2	<0.11 U	NA	<0.099 U	<0.11 U
Benzo(ghi)perylene	191-24-2	<0.11 U	NA	<0.099 U	<0.11 U
Benzo(k)fluoranthene	207-08-9	<0.055 U	NA	<0.049 U	<0.053 U
Benzoic acid	65-85-0	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	NA	NA	NA	NA

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	DETMw-003	DETMw-003	DETMw-003	DETMw-004
Sample Id		DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW	DET-004-190401-GW
Date		04/29/19	10/01/19	10/01/19	04/29/19
Sample Type		GR	FD	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	<2 U	<2.1 U	<2.1 U	<2 U
Butyl benzyl phthalate	85-68-7	<2 U	<2.1 U	<2.1 U	<2 U
Carbazole	86-74-8	NA	NA	NA	NA
Chrysene	218-01-9	<0.11 U	NA	<0.099 U	<0.11 U
Di-n-butyl phthalate	84-74-2	<4.4 U	<4.5 U	<4.6 U	<4.4 U
Di-n-octylphthalate	117-84-0	<1 U	<1 U	<1.1 U	<0.99 U
Dibenz(a,h)anthracene	53-70-3	<0.11 U	NA	<0.099 U	<0.11 U
Dibenzofuran	132-64-9	NA	NA	NA	NA
Diethyl phthalate	84-66-2	<1 U	<1 U	<1.1 U	<0.99 U
Dimethyl phthalate	131-11-3	<0.51 U	<0.52 U	<0.53 U	<0.49 U
Fluoranthene	206-44-0	<0.11 U	NA	<0.099 U	<0.11 U
Fluorene	86-73-7	<0.044 U	NA	<0.039 U	<0.043 U
Hexachlorobenzene	118-74-1	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NA	NA	NA	NA
Hexachloroethane	67-72-1	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	<0.11 U	NA	<0.099 U	<0.11 U
Isophorone	78-59-1	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	NA	NA	NA	NA
Naphthalene	91-20-3	<0.055 U	NA	<0.049 U	<0.053 U
Nitrobenzene	98-95-3	<2 U	<2.1 U	<2.1 U	<2 U
Pentachlorophenol	87-86-5	<61 U	<62 U	<63 U	<59 U
Phenanthrene	85-01-8	<0.11 U	NA	<0.099 U	<0.11 U
Phenol	108-95-2	<4.4 U	<4.5 U	<4.6 U	<4.4 U
Pyrene	129-00-0	<0.11 U	NA	<0.099 U	<0.11 U
Total Cresols	1319-77-3	<0.51 U	<0.52 U	<0.53 U	<0.49 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	DETMw-004	NTAmw-119	NTAmw-119	NTAmw-119
Sample Id		DET-004-191001-GW	NTAmw-119-190401-GW	NTAmw-119-191002-GW	NTAmw-119-191001-GW
Date		10/01/19	04/30/19	10/02/19	10/02/19
Sample Type		GR	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	NA	NA	NA	NA
1,4-Dioxane	123-91-1	NA	NA	NA	NA
1-Methylnaphthalene	90-12-0	<0.043 U	<0.044 U	<0.038 U	<0.038 U
2,4,5-Trichlorophenol	95-95-4	<4.6 U	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	<1 U	NA	NA	NA
2,4-Dichlorophenol	120-83-2	<2.1 U	NA	NA	NA
2,4-Dimethylphenol	105-67-9	<2.1 U	NA	NA	NA
2,4-Dinitrophenol	51-28-5	<31 UJ	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	<4.6 U	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	<4.6 U	NA	NA	NA
2-Chloronaphthalene	91-58-7	NA	NA	NA	NA
2-Chlorophenol	95-57-8	<4.6 U	NA	NA	NA
2-Methyl-4,6-dinitrophenol	534-52-1	<9.2 UJ	NA	NA	NA
2-Methylnaphthalene	91-57-6	<0.054 U	<0.055 U	<0.048 U	<0.048 U
2-Methylphenol	95-48-7	<2.1 U	NA	NA	NA
2-Nitrobenzenamine	88-74-4	NA	NA	NA	NA
2-Nitrophenol	88-75-5	<1 U	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NA	NA	NA	NA
3-Nitrobenzenamine	99-09-2	NA	NA	NA	NA
4-Bromophenyl phenyl ether	101-55-3	NA	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	<5.2 U	NA	NA	NA
4-Chlorobenzenamine	106-47-8	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	7005-72-3	NA	NA	NA	NA
4-Nitrobenzenamine	100-01-6	NA	NA	NA	NA
4-Nitrophenol	100-02-7	<4.2 U	NA	NA	NA
Acenaphthene	83-32-9	<0.043 U	<0.044 U	<0.038 U	<0.038 U
Acenaphthylene	208-96-8	<0.043 U	<0.044 U	<0.038 U	<0.038 U
Anthracene	120-12-7	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Benz(a)anthracene	56-55-3	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Benzenemethanol	100-51-6	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	<0.054 U	<0.055 U	<0.048 U	<0.048 U
Benzo(b)fluoranthene	205-99-2	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Benzo(ghi)perylene	191-24-2	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Benzo(k)fluoranthene	207-08-9	<0.054 U	<0.055 U	<0.048 U	<0.048 U
Benzoic acid	65-85-0	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	NA	NA	NA	NA

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	DETMw-004	NTAmw-119	NTAmw-119	NTAmw-119
Sample Id		DET-004-191001-GW	NTAmw-119-190401-GW	NTAmw-119-191002-GW	NTAmw-119-191001-GW
Date		10/01/19	04/30/19	10/02/19	10/02/19
Sample Type		GR	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	<2.1 U	NA	NA	NA
Butyl benzyl phthalate	85-68-7	<2.1 U	NA	NA	NA
Carbazole	86-74-8	NA	NA	NA	NA
Chrysene	218-01-9	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Di-n-butyl phthalate	84-74-2	<4.6 U	NA	NA	NA
Di-n-octylphthalate	117-84-0	<1 U	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Dibenzofuran	132-64-9	NA	NA	NA	NA
Diethyl phthalate	84-66-2	<1 U	NA	NA	NA
Dimethyl phthalate	131-11-3	<0.52 U	NA	NA	NA
Fluoranthene	206-44-0	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Fluorene	86-73-7	<0.043 U	<0.044 U	<0.038 U	<0.038 U
Hexachlorobenzene	118-74-1	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NA	NA	NA	NA
Hexachloroethane	67-72-1	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Isophorone	78-59-1	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	NA	NA	NA	NA
Naphthalene	91-20-3	<0.054 U	<0.055 U	<0.048 U	<0.048 U
Nitrobenzene	98-95-3	<2.1 U	NA	NA	NA
Pentachlorophenol	87-86-5	<62 U	NA	NA	NA
Phenanthrene	85-01-8	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Phenol	108-95-2	<4.6 U	NA	NA	NA
Pyrene	129-00-0	<0.11 U	<0.11 U	<0.095 U	<0.096 U
Total Cresols	1319-77-3	<0.52 U	NA	NA	NA

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station		NTAmw-120	RQLmw-007	RQLmw-007	RQLmw-008
Sample Id		NTAmw-120-190401-GW	RQLmw-007-190401-GW	RQLmw-007-191001-GW	RQLmw-008-190401-GW
Date		04/30/19	05/09/19	10/07/19	05/09/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,2,4-Trichlorobenzene	120-82-1	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	NA	NA	NA	NA
1,4-Dioxane	123-91-1	NA	NA	NA	NA
1-Methylnaphthalene	90-12-0	NA	<0.044 U	<0.045 U	<0.042 U
2,4,5-Trichlorophenol	95-95-4	NA	<4.6 U	<4.5 U	<4.6 U
2,4,6-Trichlorophenol	88-06-2	NA	<1.1 U	<1 U	<1 U
2,4-Dichlorophenol	120-83-2	NA	<2.1 U	<2.1 U	<2.1 U
2,4-Dimethylphenol	105-67-9	NA	<2.1 U	<2.1 U	<2.1 U
2,4-Dinitrophenol	51-28-5	NA	<32 U	<31 U	<31 U
2,4-Dinitrotoluene	121-14-2	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	NA	NA	NA	NA
2-Chlorophenol	95-57-8	NA	<4.6 U	<4.5 U	<4.6 U
2-Methyl-4,6-dinitrophenol	534-52-1	NA	<9.3 U	<9.1 U	<9.2 U
2-Methylnaphthalene	91-57-6	NA	<0.056 U	<0.057 U	<0.053 U
2-Methylphenol	95-48-7	NA	<2.1 U	<2.1 U	<2.1 U
2-Nitrobenzenamine	88-74-4	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NA	<1.1 U	<1 U	<1 U
3,3'-Dichlorobenzidine	91-94-1	NA	NA	NA	NA
3-Nitrobenzenamine	99-09-2	NA	NA	NA	NA
4-Bromophenyl phenyl ether	101-55-3	NA	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	NA	<5.3 U	<5.1 U	<5.2 U
4-Chlorobenzenamine	106-47-8	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	7005-72-3	NA	NA	NA	NA
4-Nitrobenzenamine	100-01-6	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NA	<4.2 U	<4.1 U	<4.2 U
Acenaphthene	83-32-9	NA	<0.044 U	<0.045 U	<0.042 U
Acenaphthylene	208-96-8	NA	<0.044 U	<0.045 U	<0.042 U
Anthracene	120-12-7	NA	<0.11 U	<0.11 U	<0.11 U
Benz(a)anthracene	56-55-3	NA	<0.11 U	<0.11 UJ	<0.11 U
Benzenemethanol	100-51-6	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	NA	<0.056 U	<0.057 UJ	<0.053 U
Benzo(b)fluoranthene	205-99-2	NA	<0.11 U	<0.11 UJ	<0.11 U
Benzo(ghi)perylene	191-24-2	NA	<0.11 U	<0.11 UJ	<0.11 U
Benzo(k)fluoranthene	207-08-9	NA	<0.056 U	<0.057 UJ	<0.053 U
Benzoic acid	65-85-0	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	111-91-1	NA	NA	NA	NA

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	NTAmw-120	RQLmw-007	RQLmw-007	RQLmw-008
Sample Id		NTAmw-120-190401-GW	RQLmw-007-190401-GW	RQLmw-007-191001-GW	RQLmw-008-190401-GW
Date		04/30/19	05/09/19	10/07/19	05/09/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Bis(2-chloroethyl) ether	111-44-4	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	117-81-7	NA	<2.1 U	2.8 J	<2.1 U
Butyl benzyl phthalate	85-68-7	NA	<2.1 U	2.1 J	<2.1 U
Carbazole	86-74-8	NA	NA	NA	NA
Chrysene	218-01-9	NA	<0.11 U	<0.11 UJ	<0.11 U
Di-n-butyl phthalate	84-74-2	NA	<4.6 U	1.3 J	<4.6 U
Di-n-octylphthalate	117-84-0	NA	<1.1 U	4.2 J	<1 U
Dibenz(a,h)anthracene	53-70-3	NA	<0.11 U	<0.11 UJ	<0.11 U
Dibenzofuran	132-64-9	NA	NA	NA	NA
Diethyl phthalate	84-66-2	NA	<1.1 U	<1 U	<1 U
Dimethyl phthalate	131-11-3	NA	<0.53 U	<0.51 U	<0.52 U
Fluoranthene	206-44-0	NA	<0.11 U	<0.11 UJ	<0.11 U
Fluorene	86-73-7	NA	<0.044 U	<0.045 UJ	<0.042 U
Hexachlorobenzene	118-74-1	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	<9.8 U	NA	NA	NA
Hexachloroethane	67-72-1	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	NA	<0.11 U	<0.11 UJ	<0.11 U
Isophorone	78-59-1	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	621-64-7	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	NA	NA	NA	NA
Naphthalene	91-20-3	NA	<0.056 U	<0.057 U	<0.053 U
Nitrobenzene	98-95-3	NA	NA	NA	NA
Pentachlorophenol	87-86-5	NA	<63 U	<62 U	<62 U
Phenanthrene	85-01-8	NA	<0.11 U	<0.11 UJ	<0.11 U
Phenol	108-95-2	NA	<4.6 U	<4.5 U	<4.6 U
Pyrene	129-00-0	NA	<0.11 U	<0.11 UJ	<0.11 U
Total Cresols	1319-77-3	NA	<0.53 U	<0.51 U	<0.52 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station		RQLmw-008	RQLmw-009	RQLmw-009	SCLmw-001
Sample Id		RQLmw-008-191001-GW	RQLmw-009-190401-GW	RQLmw-009-191001-GW	SCLmw-001-190101-GW
Date		10/07/19	05/09/19	10/07/19	01/28/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	NA	NA	NA	<1.1 U
1,2-Dichlorobenzene	95-50-1	NA	NA	NA	<0.54 U
1,3-Dichlorobenzene	541-73-1	NA	NA	NA	<1.1 U
1,4-Dichlorobenzene	106-46-7	NA	NA	NA	<1.1 U
1,4-Dioxane	123-91-1	NA	NA	NA	<4.7 U
1-Methylnaphthalene	90-12-0	<0.041 U	<0.041 U	<0.042 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	<4.6 U	<4.8 U	<4.4 U	<1.1 U
2,4,6-Trichlorophenol	88-06-2	<1 U	<1.1 U	<1 U	<1.1 U
2,4-Dichlorophenol	120-83-2	<2.1 U	<2.2 U	<2 U	<2.2 U
2,4-Dimethylphenol	105-67-9	<2.1 U	<2.2 U	<2 U	<2.2 U
2,4-Dinitrophenol	51-28-5	<31 U	<33 U	<30 U	<32 U
2,4-Dinitrotoluene	121-14-2	NA	NA	NA	<4.7 U
2,6-Dinitrotoluene	606-20-2	NA	NA	NA	<4.7 U
2-Chloronaphthalene	91-58-7	NA	NA	NA	<1.1 U
2-Chlorophenol	95-57-8	<4.6 U	<4.8 U	<4.4 U	<4.7 U
2-Methyl-4,6-dinitrophenol	534-52-1	<9.1 U	<9.6 U	<8.9 U	<9.5 U
2-Methylnaphthalene	91-57-6	<0.051 U	<0.052 U	<0.052 U	<0.013 U
2-Methylphenol	95-48-7	<2.1 U	<2.2 U	<2 U	<2.2 U
2-Nitrobenzenamine	88-74-4	NA	NA	NA	<4.7 U
2-Nitrophenol	88-75-5	<1 U	<1.1 U	<1 U	<1.1 U
3,3'-Dichlorobenzidine	91-94-1	NA	NA	NA	<4.7 U
3-Nitrobenzenamine	99-09-2	NA	NA	NA	<4.7 U
4-Bromophenyl phenyl ether	101-55-3	NA	NA	NA	<1.1 U
4-Chloro-3-methylphenol	59-50-7	<5.2 U	<5.5 U	<5 U	<5.4 U
4-Chlorobenzenamine	106-47-8	NA	NA	NA	<4.7 U
4-Chlorophenyl phenyl ether	7005-72-3	NA	NA	NA	<4.7 U
4-Nitrobenzenamine	100-01-6	NA	NA	NA	<4.7 U
4-Nitrophenol	100-02-7	<4.2 U	<4.4 U	<4 U	<4.3 U
Acenaphthene	83-32-9	<0.041 U	<0.041 U	<0.042 U	<0.043 U
Acenaphthylene	208-96-8	<0.041 U	<0.041 U	<0.042 U	<0.043 U
Anthracene	120-12-7	<0.1 U	<0.1 U	<0.1 U	<0.043 U
Benz(a)anthracene	56-55-3	<0.1 UJ	<0.1 U	<0.1 UJ	<0.013 U
Benzenemethanol	100-51-6	NA	NA	NA	<0.54 U
Benzo(a)pyrene	50-32-8	<0.051 UJ	<0.052 U	<0.052 UJ	<0.013 U
Benzo(b)fluoranthene	205-99-2	<0.1 UJ	<0.1 U	<0.1 UJ	<0.015 U
Benzo(ghi)perylene	191-24-2	<0.1 UJ	<0.1 U	<0.1 UJ	<0.014 U
Benzo(k)fluoranthene	207-08-9	<0.051 UJ	<0.052 U	<0.052 UJ	<0.013 U
Benzoic acid	65-85-0	NA	NA	NA	<32 U
Bis(2-chloroethoxy)methane	111-91-1	NA	NA	NA	<2.2 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	RQLmw-008	RQLmw-009	RQLmw-009	SCLmw-001
Sample Id		RQLmw-008-191001-GW	RQLmw-009-190401-GW	RQLmw-009-191001-GW	SCLmw-001-190101-GW
Date		10/07/19	05/09/19	10/07/19	01/28/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Upper Sharon	Upper Sharon	Upper Sharon	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	NA	NA	NA	<1.1 U
Bis(2-chloroisopropyl) ether	108-60-1	NA	NA	NA	<1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	<2.1 U	<2.2 U	<2 U	<2.2 U
Butyl benzyl phthalate	85-68-7	<2.1 U	<2.2 U	<2 U	<2.2 U
Carbazole	86-74-8	NA	NA	NA	<1.1 U
Chrysene	218-01-9	<0.1 UJ	<0.1 U	<0.1 UJ	<0.013 U
Di-n-butyl phthalate	84-74-2	<4.6 U	<4.8 U	<4.4 U	<4.7 U
Di-n-octylphthalate	117-84-0	<1 U	<1.1 U	<1 U	<1.1 U
Dibenz(a,h)anthracene	53-70-3	<0.1 UJ	<0.1 U	<0.1 UJ	<0.013 U
Dibenzofuran	132-64-9	NA	NA	NA	<1.1 U
Diethyl phthalate	84-66-2	<1 U	<1.1 U	<1 U	<1.1 U
Dimethyl phthalate	131-11-3	<0.52 U	<0.55 U	<0.5 U	<0.54 U
Fluoranthene	206-44-0	<0.1 UJ	<0.1 U	<0.1 UJ	<0.02 U
Fluorene	86-73-7	<0.041 UJ	<0.041 U	<0.042 UJ	<0.043 U
Hexachlorobenzene	118-74-1	NA	NA	NA	<2.2 U
Hexachlorobutadiene	87-68-3	NA	NA	NA	<11 U
Hexachlorocyclopentadiene	77-47-4	NA	NA	NA	<32 U
Hexachloroethane	67-72-1	NA	NA	NA	<4.7 U
Indeno(1,2,3-cd)pyrene	193-39-5	<0.1 UJ	<0.1 U	<0.1 UJ	<0.043 U
Isophorone	78-59-1	NA	NA	NA	<0.54 U
N-Nitroso-di-n-propylamine	621-64-7	NA	NA	NA	<1.1 U
N-Nitrosodiphenylamine	86-30-6	NA	NA	NA	<1.1 U
Naphthalene	91-20-3	<0.051 U	<0.052 U	<0.052 U	0.017 J
Nitrobenzene	98-95-3	NA	NA	NA	<2.2 U
Pentachlorophenol	87-86-5	<62 U	<65 U	<61 U	<65 U
Phenanthrene	85-01-8	<0.1 UJ	<0.1 U	<0.1 UJ	<0.022 U
Phenol	108-95-2	<4.6 U	<4.8 U	<4.4 U	<4.7 U
Pyrene	129-00-0	<0.1 UJ	<0.1 U	<0.1 UJ	<0.022 U
Total Cresols	1319-77-3	<0.52 U	<0.55 U	<0.5 U	<0.54 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	SCLmw-001	SCLmw-001	SCLmw-002	SCLmw-002
Sample Id		SCLmw-001-190401-GW	SCLmw-001-190801-GW	SCLmw-002-190102-GW	SCLmw-002-190101-GW
Date		05/08/19	08/13/19	01/28/19	01/28/19
Sample Type		GR	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	<2 U	<2.2 U	<0.97 U	<0.96 U
1,2-Dichlorobenzene	95-50-1	<0.5 U	<0.56 U	<0.49 U	<0.48 U
1,3-Dichlorobenzene	541-73-1	<0.99 U	<1.1 U	<0.97 U	<0.96 U
1,4-Dichlorobenzene	106-46-7	<4 U	<4.5 U	<0.97 U	<0.96 U
1,4-Dioxane	123-91-1	<0.99 U	<1.1 U	<4.3 U	<4.2 U
1-Methylnaphthalene	90-12-0	<0.043 U	<0.045 U	<0.013 U	<0.012 U
2,4,5-Trichlorophenol	95-95-4	<4.4 U	<4.9 U	<0.97 U	<0.96 U
2,4,6-Trichlorophenol	88-06-2	<0.99 U	<1.1 U	<0.97 U	<0.96 U
2,4-Dichlorophenol	120-83-2	<2 U	<2.2 U	<1.9 U	<1.9 U
2,4-Dimethylphenol	105-67-9	<2 U	<2.2 U	<1.9 U	<1.9 U
2,4-Dinitrophenol	51-28-5	<30 U	<34 U	<29 U	<29 U
2,4-Dinitrotoluene	121-14-2	<4.4 U	<4.9 U	<4.3 U	<4.2 U
2,6-Dinitrotoluene	606-20-2	<4.4 U	<4.9 U	<4.3 U	<4.2 U
2-Chloronaphthalene	91-58-7	<0.99 U	<1.1 U	<0.97 U	<0.96 U
2-Chlorophenol	95-57-8	<4.4 U	<4.9 U	<4.3 U	<4.2 U
2-Methyl-4,6-dinitrophenol	534-52-1	<8.7 U	<9.8 U	<8.5 U	<8.5 U
2-Methylnaphthalene	91-57-6	<0.054 U	<0.057 U	<0.013 U	<0.012 U
2-Methylphenol	95-48-7	<2 U	<2.2 U	<1.9 U	<1.9 U
2-Nitrobenzenamine	88-74-4	<4.4 U	<4.9 U	<4.3 U	<4.2 U
2-Nitrophenol	88-75-5	<0.99 U	<1.1 U	<0.97 U	<0.96 U
3,3'-Dichlorobenzidine	91-94-1	<4.4 U	<4.9 U	<4.3 U	<4.2 U
3-Nitrobenzenamine	99-09-2	<4.4 U	<4.9 U	<4.3 U	<4.2 UJ
4-Bromophenyl phenyl ether	101-55-3	<0.99 U	<1.1 U	<0.97 U	<0.96 U
4-Chloro-3-methylphenol	59-50-7	<5 U	<5.6 U	<4.9 U	<4.8 U
4-Chlorobenzenamine	106-47-8	<4.4 U	<4.9 U	<4.3 U	<4.2 U
4-Chlorophenyl phenyl ether	7005-72-3	<4.4 U	<4.9 U	<4.3 U	<4.2 U
4-Nitrobenzenamine	100-01-6	<4.4 U	<4.9 U	<4.3 U	<4.2 U
4-Nitrophenol	100-02-7	<4 U	<4.5 U	<3.9 U	<3.8 U
Acenaphthene	83-32-9	<0.043 U	<0.045 U	<0.043 U	<0.042 U
Acenaphthylene	208-96-8	<0.043 U	<0.045 U	<0.043 U	<0.042 U
Anthracene	120-12-7	<0.11 U	<0.11 U	<0.043 U	<0.042 U
Benz(a)anthracene	56-55-3	<0.11 U	<0.11 U	<0.013 U	<0.038 UJ
Benzenemethanol	100-51-6	<0.5 U	<0.56 U	<0.49 U	<0.48 U
Benzo(a)pyrene	50-32-8	<0.054 U	<0.057 U	<0.017 U	<0.044 UJ
Benzo(b)fluoranthene	205-99-2	<0.11 U	<0.11 U	<0.013 U	<0.053 UJ
Benzo(ghi)perylene	191-24-2	<0.11 U	<0.11 U	<0.014 U	<0.059 UJ
Benzo(k)fluoranthene	207-08-9	<0.054 U	<0.057 U	<0.013 U	<0.047 UJ
Benzoic acid	65-85-0	<30 UJ	<34 U	<29 U	9.8 J
Bis(2-chloroethoxy)methane	111-91-1	<2 U	<2.2 U	<1.9 U	<1.9 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	SCLmw-001	SCLmw-001	SCLmw-002	SCLmw-002
Sample Id		SCLmw-001-190401-GW	SCLmw-001-190801-GW	SCLmw-002-190102-GW	SCLmw-002-190101-GW
Date		05/08/19	08/13/19	01/28/19	01/28/19
Sample Type		GR	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	<2 U	<2.2 U	<0.97 U	<0.96 U
Bis(2-chloroisopropyl) ether	108-60-1	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Bis(2-ethylhexyl)phthalate	117-81-7	<2 U	<2.2 U	<1.9 U	<1.9 U
Butyl benzyl phthalate	85-68-7	<2 U	<2.2 U	<1.9 U	<1.9 U
Carbazole	86-74-8	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Chrysene	218-01-9	<0.11 U	<0.11 U	<0.013 U	<0.049 UJ
Di-n-butyl phthalate	84-74-2	<4.4 U	<4.9 U	<4.3 U	<4.2 U
Di-n-octylphthalate	117-84-0	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Dibenz(a,h)anthracene	53-70-3	<0.11 U	<0.11 U	<0.013 U	<0.047 UJ
Dibenzofuran	132-64-9	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Diethyl phthalate	84-66-2	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Dimethyl phthalate	131-11-3	<0.5 U	<0.56 U	<0.49 U	<0.48 U
Fluoranthene	206-44-0	<0.11 U	<0.11 U	<0.022 U	<0.024 UJ
Fluorene	86-73-7	<0.043 U	<0.045 U	<0.043 U	<0.042 U
Hexachlorobenzene	118-74-1	<2 U	<2.2 U	<1.9 U	<1.9 U
Hexachlorobutadiene	87-68-3	<9.9 U	<11 U	<9.7 U	<9.6 U
Hexachlorocyclopentadiene	77-47-4	<9.9 UJ	<11 U	<29 U	<29 U
Hexachloroethane	67-72-1	<2 U	<2.2 U	<4.3 U	<4.2 U
Indeno(1,2,3-cd)pyrene	193-39-5	<0.11 U	<0.11 U	<0.043 U	<0.07 UJ
Isophorone	78-59-1	<0.5 U	<0.56 U	<0.49 U	<0.48 U
N-Nitroso-di-n-propylamine	621-64-7	<0.99 U	<1.1 U	<0.97 U	<0.96 U
N-Nitrosodiphenylamine	86-30-6	<0.99 U	<1.1 U	<0.97 U	<0.96 U
Naphthalene	91-20-3	<0.054 U	<0.057 U	<0.013 U	<0.012 U
Nitrobenzene	98-95-3	<2 U	<2.2 U	<1.9 U	<1.9 U
Pentachlorophenol	87-86-5	<60 U	<67 U	<58 U	<58 U
Phenanthrene	85-01-8	<0.11 U	<0.11 U	<0.027 U	<0.021 UJ
Phenol	108-95-2	<4.4 U	<4.9 U	<4.3 U	<4.2 U
Pyrene	129-00-0	<0.11 U	<0.11 U	<0.022 U	<0.023 UJ
Total Cresols	1319-77-3	<0.5 U	<0.56 U	<0.49 U	<0.48 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-003
Sample Id		SCLmw-002-190402-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW	SCLmw-003-190101-GW
Date		05/08/19	05/08/19	08/13/19	01/28/19
Sample Type		FD	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	<2.1 U	<2 U	<2.1 U	<1.1 U
1,2-Dichlorobenzene	95-50-1	<0.52 U	<0.51 U	<0.53 U	<0.55 U
1,3-Dichlorobenzene	541-73-1	<1 U	<1 U	<1.1 U	<1.1 U
1,4-Dichlorobenzene	106-46-7	<4.1 U	<4.1 U	<4.2 U	<1.1 U
1,4-Dioxane	123-91-1	<1 U	<1 U	<1.1 U	<4.8 U
1-Methylnaphthalene	90-12-0	<0.041 U	<0.039 U	<0.042 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	<4.5 U	<4.5 U	<4.7 U	<1.1 U
2,4,6-Trichlorophenol	88-06-2	<1 U	<1 U	<1.1 U	<1.1 U
2,4-Dichlorophenol	120-83-2	<2.1 U	<2 U	<2.1 U	<2.2 U
2,4-Dimethylphenol	105-67-9	<2.1 U	<2 U	<2.1 U	<2.2 U
2,4-Dinitrophenol	51-28-5	<31 U	<30 U	<32 U	<33 U
2,4-Dinitrotoluene	121-14-2	<4.5 U	<4.5 U	<4.7 U	<4.8 U
2,6-Dinitrotoluene	606-20-2	<4.5 U	<4.5 U	<4.7 U	<4.8 U
2-Chloronaphthalene	91-58-7	<1 U	<1 U	<1.1 U	<1.1 U
2-Chlorophenol	95-57-8	<4.5 U	<4.5 U	<4.7 U	<4.8 U
2-Methyl-4,6-dinitrophenol	534-52-1	<9.1 U	<8.9 U	<9.3 U	<9.6 U
2-Methylnaphthalene	91-57-6	<0.052 U	<0.049 U	<0.052 U	<0.013 U
2-Methylphenol	95-48-7	<2.1 U	<2 U	<2.1 U	<2.2 U
2-Nitrobenzenamine	88-74-4	<4.5 U	<4.5 U	<4.7 U	<4.8 U
2-Nitrophenol	88-75-5	<1 U	<1 U	<1.1 U	<1.1 U
3,3'-Dichlorobenzidine	91-94-1	<4.5 U	<4.5 U	<4.7 U	<4.8 U
3-Nitrobenzenamine	99-09-2	<4.5 U	<4.5 U	<4.7 U	<4.8 U
4-Bromophenyl phenyl ether	101-55-3	<1 U	<1 U	<1.1 U	<1.1 U
4-Chloro-3-methylphenol	59-50-7	<5.2 U	<5.1 U	<5.3 U	<5.5 U
4-Chlorobenzenamine	106-47-8	<4.5 U	<4.5 U	<4.7 U	<4.8 U
4-Chlorophenyl phenyl ether	7005-72-3	<4.5 U	<4.5 U	<4.7 U	<4.8 U
4-Nitrobenzenamine	100-01-6	<4.5 U	<4.5 U	<4.7 U	<4.8 U
4-Nitrophenol	100-02-7	<4.1 U	<4.1 U	<4.2 U	<4.4 U
Acenaphthene	83-32-9	<0.041 U	<0.039 U	<0.042 U	<0.043 U
Acenaphthylene	208-96-8	<0.041 U	<0.039 U	<0.042 U	<0.043 U
Anthracene	120-12-7	<0.1 U	<0.098 U	<0.1 U	<0.043 U
Benz(a)anthracene	56-55-3	<0.1 U	<0.098 U	<0.1 U	<0.013 U
Benzenemethanol	100-51-6	<0.52 U	<0.51 U	<0.53 U	<0.55 U
Benzo(a)pyrene	50-32-8	<0.052 U	<0.049 U	<0.052 U	<0.013 U
Benzo(b)fluoranthene	205-99-2	<0.1 U	<0.098 U	<0.1 U	<0.013 U
Benzo(ghi)perylene	191-24-2	<0.1 U	<0.098 U	<0.1 U	<0.017 U
Benzo(k)fluoranthene	207-08-9	<0.052 U	<0.049 U	<0.052 U	<0.013 U
Benzoic acid	65-85-0	<31 UJ	<30 UJ	<32 U	11 J
Bis(2-chloroethoxy)methane	111-91-1	<2.1 U	<2 U	<2.1 U	<2.2 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station	CAS Number	SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-003
Sample Id		SCLmw-002-190402-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW	SCLmw-003-190101-GW
Date		05/08/19	05/08/19	08/13/19	01/28/19
Sample Type		FD	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)		Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	<2.1 U	<2 U	<2.1 U	<1.1 U
Bis(2-chloroisopropyl) ether	108-60-1	<1 U	<1 U	<1.1 U	<1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	<2.1 U	<2 U	<2.1 U	<2.2 U
Butyl benzyl phthalate	85-68-7	<2.1 U	<2 U	<2.1 U	<2.2 U
Carbazole	86-74-8	<1 U	<1 U	<1.1 U	<1.1 U
Chrysene	218-01-9	<0.1 U	<0.098 U	<0.1 U	<0.013 U
Di-n-butyl phthalate	84-74-2	<4.5 U	<4.5 U	<4.7 U	<4.8 U
Di-n-octylphthalate	117-84-0	<1 U	<1 U	<1.1 U	<1.1 U
Dibenz(a,h)anthracene	53-70-3	<0.1 U	<0.098 U	<0.1 U	<0.013 U
Dibenzofuran	132-64-9	<1 U	<1 U	<1.1 U	<1.1 U
Diethyl phthalate	84-66-2	<1 U	<1 U	<1.1 U	<1.1 U
Dimethyl phthalate	131-11-3	<0.52 U	<0.51 U	<0.53 U	<0.55 U
Fluoranthene	206-44-0	<0.1 U	<0.098 U	<0.1 U	<0.018 U
Fluorene	86-73-7	<0.041 U	<0.039 U	<0.042 U	<0.043 U
Hexachlorobenzene	118-74-1	<2.1 U	<2 U	<2.1 U	<2.2 U
Hexachlorobutadiene	87-68-3	<10 U	<10 U	<11 U	<11 U
Hexachlorocyclopentadiene	77-47-4	<10 UJ	<10 UJ	<11 U	<33 U
Hexachloroethane	67-72-1	<2.1 U	<2 U	<2.1 U	<4.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	<0.1 U	<0.098 U	<0.1 U	<0.043 U
Isophorone	78-59-1	<0.52 U	<0.51 U	<0.53 U	<0.55 U
N-Nitroso-di-n-propylamine	621-64-7	<1 U	<1 U	<1.1 U	<1.1 U
N-Nitrosodiphenylamine	86-30-6	<1 U	<1 UJ	<1.1 U	<1.1 U
Naphthalene	91-20-3	<0.052 U	<0.049 U	<0.052 U	<0.013 U
Nitrobenzene	98-95-3	<2.1 U	<2 U	<2.1 U	<2.2 U
Pentachlorophenol	87-86-5	<62 U	<61 U	<64 U	<66 U
Phenanthrene	85-01-8	<0.1 U	<0.098 U	<0.1 U	<0.022 U
Phenol	108-95-2	<4.5 U	<4.5 U	<4.7 U	<4.8 U
Pyrene	129-00-0	<0.1 U	<0.098 U	<0.1 U	<0.022 U
Total Cresols	1319-77-3	<0.52 U	<0.51 U	<0.53 U	<0.55 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station		SCLmw-003	SCLmw-003
Sample Id		SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		05/08/19	08/13/19
Sample Type		GR	GR
Filter Status		Total	Total
Aquifer			
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated
1,2,4-Trichlorobenzene	120-82-1	<2.1 U	<2.2 U
1,2-Dichlorobenzene	95-50-1	<0.51 U	<0.55 U
1,3-Dichlorobenzene	541-73-1	<1 U	<1.1 U
1,4-Dichlorobenzene	106-46-7	<4.1 U	<4.4 U
1,4-Dioxane	123-91-1	<1 U	<1.1 U
1-Methylnaphthalene	90-12-0	<0.04 U	<0.04 U
2,4,5-Trichlorophenol	95-95-4	<4.5 U	<4.8 U
2,4,6-Trichlorophenol	88-06-2	<1 U	<1.1 U
2,4-Dichlorophenol	120-83-2	<2.1 U	<2.2 U
2,4-Dimethylphenol	105-67-9	<2.1 U	<2.2 U
2,4-Dinitrophenol	51-28-5	<31 U	<33 U
2,4-Dinitrotoluene	121-14-2	<4.5 U	<4.8 U
2,6-Dinitrotoluene	606-20-2	<4.5 U	<4.8 U
2-Chloronaphthalene	91-58-7	<1 U	<1.1 U
2-Chlorophenol	95-57-8	<4.5 U	<4.8 U
2-Methyl-4,6-dinitrophenol	534-52-1	<9 U	<9.6 U
2-Methylnaphthalene	91-57-6	<0.05 U	<0.05 U
2-Methylphenol	95-48-7	<2.1 U	<2.2 U
2-Nitrobenzenamine	88-74-4	<4.5 U	<4.8 U
2-Nitrophenol	88-75-5	<1 U	<1.1 U
3,3'-Dichlorobenzidine	91-94-1	<4.5 U	<4.8 U
3-Nitrobenzenamine	99-09-2	<4.5 U	<4.8 U
4-Bromophenyl phenyl ether	101-55-3	<1 U	<1.1 U
4-Chloro-3-methylphenol	59-50-7	<5.1 U	<5.5 U
4-Chlorobenzenamine	106-47-8	<4.5 U	<4.8 U
4-Chlorophenyl phenyl ether	7005-72-3	<4.5 U	<4.8 U
4-Nitrobenzenamine	100-01-6	<4.5 U	<4.8 U
4-Nitrophenol	100-02-7	<4.1 U	<4.4 U
Acenaphthene	83-32-9	<0.04 U	<0.04 U
Acenaphthylene	208-96-8	<0.04 U	<0.04 U
Anthracene	120-12-7	<0.1 U	<0.1 U
Benz(a)anthracene	56-55-3	<0.1 U	<0.1 U
Benzenemethanol	100-51-6	<0.51 U	<0.55 U
Benzo(a)pyrene	50-32-8	<0.05 U	<0.05 U
Benzo(b)fluoranthene	205-99-2	<0.1 U	<0.1 U
Benzo(ghi)perylene	191-24-2	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	<0.05 U	<0.05 U
Benzoic acid	65-85-0	<31 UJ	<33 U
Bis(2-chloroethoxy)methane	111-91-1	<2.1 U	<2.2 U

Table C-3. 2019 Groundwater Sample Analytical Results - SVOCs

Station		SCLmw-003	SCLmw-003
Sample Id		SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		05/08/19	08/13/19
Sample Type		GR	GR
Filter Status		Total	Total
Aquifer			
Analyte (ug/L)		CAS Number	Unconsolidated
Bis(2-chloroethyl) ether	111-44-4	<2.1 U	<2.2 U
Bis(2-chloroisopropyl) ether	108-60-1	<1 U	<1.1 U
Bis(2-ethylhexyl)phthalate	117-81-7	<2.1 U	<2.2 U
Butyl benzyl phthalate	85-68-7	<2.1 U	<2.2 U
Carbazole	86-74-8	<1 U	<1.1 U
Chrysene	218-01-9	<0.1 U	<0.1 U
Di-n-butyl phthalate	84-74-2	<4.5 U	<4.8 U
Di-n-octylphthalate	117-84-0	<1 U	<1.1 U
Dibenz(a,h)anthracene	53-70-3	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	<1 U	<1.1 U
Diethyl phthalate	84-66-2	<1 U	<1.1 U
Dimethyl phthalate	131-11-3	<0.51 U	<0.55 U
Fluoranthene	206-44-0	<0.1 U	<0.1 U
Fluorene	86-73-7	<0.04 U	<0.04 U
Hexachlorobenzene	118-74-1	<2.1 U	<2.2 U
Hexachlorobutadiene	87-68-3	<10 U	<11 U
Hexachlorocyclopentadiene	77-47-4	<10 UJ	<11 U
Hexachloroethane	67-72-1	<2.1 U	<2.2 U
Indeno(1,2,3-cd)pyrene	193-39-5	<0.1 U	<0.1 U
Isophorone	78-59-1	<0.51 U	<0.55 U
N-Nitroso-di-n-propylamine	621-64-7	<1 U	<1.1 U
N-Nitrosodiphenylamine	86-30-6	<1 U	<1.1 U
Naphthalene	91-20-3	<0.05 U	<0.05 U
Nitrobenzene	98-95-3	<2.1 U	<2.2 U
Pentachlorophenol	87-86-5	<62 U	<66 U
Phenanthrene	85-01-8	<0.1 U	<0.1 U
Phenol	108-95-2	<4.5 U	<4.8 U
Pyrene	129-00-0	<0.1 U	<0.1 U
Total Cresols	1319-77-3	<0.51 U	<0.55 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-003
Sample Id		DET-003-190402-GW	DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW
Date		04/29/19	04/29/19	10/01/19	10/01/19
Sample Type		FD	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethene	540-59-0	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
2-Butanone	78-93-3	<4 U	<4 U	<4 U	<4 U
2-Hexanone	591-78-6	<4 U	<4 U	<4 U	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 U	<3.2 U	<3.2 U
Acetone	67-64-1	2.4 J	2.8 J	<6.4 U	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromoform	75-25-2	<1 U	<1 U	<1 UJ	<1 UJ
Bromomethane	74-83-9	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon disulfide	75-15-0	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chlorobenzene	108-90-7	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 U	<1.6 UJ	<1.6 UJ
Chloroform	67-66-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloromethane	74-87-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Methylene chloride	75-09-2	<2 U	<2 U	<2 U	<2 U
Styrene	100-42-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 U	<0.8 U	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		DETMw-004	DETMw-004	FWGmw-018	FWGmw-018
Sample Id		DET-004-190401-GW	DET-004-191001-GW	FWGmw-018-190401-GW	FWGmw-018-191001-GW
Date		04/29/19	10/1/2019	05/09/19	10/03/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer				Basal Sharon Conglomerate	Basal Sharon Conglomerate
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Basal Sharon Conglomerate	Basal Sharon Conglomerate
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethene	540-59-0	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
2-Butanone	78-93-3	<4 U	<4 U	<4 U	<4 U
2-Hexanone	591-78-6	<4 U	<4 U	<4 U	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 U	<3.2 U	<3.2 U
Acetone	67-64-1	5.1 J	<6.4 U	<6.4 U	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromoform	75-25-2	<1 U	<1 UJ	<1 U	<1 U
Bromomethane	74-83-9	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon disulfide	75-15-0	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chlorobenzene	108-90-7	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 UJ	<1.6 U	<1.6 U
Chloroform	67-66-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloromethane	74-87-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Methylene chloride	75-09-2	<2 U	<2 U	<2 U	<2 U
Styrene	100-42-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 U	<0.8 U	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		FWGmw-020	FWGmw-020	LL10mw-003	LL10mw-003	LL10mw-003
Sample Id		FWGmw-020-190401-GW	FWGmw-020-191001-GW	LL10mw-003-190402-GW	LL10mw-003-190401-GW	LL10mw-003-191001-GW
Date		05/13/19	10/03/19	05/01/19	05/01/19	10/02/19
Sample Type		GR	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Homewood	Homewood	Homewood
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethene	540-59-0	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
2-Butanone	78-93-3	<4 U	<4 U	<4 U	<4 U	<4 U
2-Hexanone	591-78-6	<4 U	<4 U	<4 U	<4 U	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U
Acetone	67-64-1	<5.8 U	<6.4 U	4.2 J	3.6 J	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromoform	75-25-2	<1 U	<1 U	<1 U	<1 U	<1 U
Bromomethane	74-83-9	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon disulfide	75-15-0	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 U	0.86 J	0.63 J	2.7
Chlorobenzene	108-90-7	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 U	<1.6 U	<1.6 U	<1.6 U
Chloroform	67-66-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U	0.29 J
Chloromethane	74-87-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Methylene chloride	75-09-2	<2 U	<2 U	<2 U	<2 U	<2 U
Styrene	100-42-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		RQLmw-007	RQLmw-007	RQLmw-008	RQLmw-008	RQLmw-009
Sample Id		RQLmw-007-190401-GW	RQLmw-007-191001-GW	RQLmw-008-190401-GW	RQLmw-008-191001-GW	RQLmw-009-190401-GW
Date		05/09/19	10/07/19	05/09/19	10/07/19	05/09/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloroethene	540-59-0	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
2-Butanone	78-93-3	<4 U	<4 UJ	<4 U	<4 UJ	<4 U
2-Hexanone	591-78-6	<4 U	<4 UJ	<4 U	<4 UJ	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 UJ	<3.2 U	<3.2 UJ	<3.2 U
Acetone	67-64-1	<6.4 U	<6.4 UJ	<2.6 U	<6.4 UJ	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 UJ	<0.2 U	<0.2 UJ	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromoform	75-25-2	<1 U	<1 UJ	<1 U	<1 UJ	<1 U
Bromomethane	74-83-9	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
Carbon disulfide	75-15-0	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chlorobenzene	108-90-7	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 UJ	<1.6 U	<1.6 UJ	<1.6 U
Chloroform	67-66-3	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chloromethane	74-87-3	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Methylene chloride	75-09-2	<2 U	<2 UJ	<2 U	<2 UJ	<2 U
Styrene	100-42-5	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 UJ	<0.2 U	<0.2 UJ	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		RQLmw-009	SCLmw-001	SCLmw-001	SCLmw-001
Sample Id		RQLmw-009-191001-GW	SCLmw-001-190101-GW	SCLmw-001-190401-GW	SCLmw-001-190801-GW
Date		10/07/19	01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated
1,1,1-Trichloroethane	71-55-6	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 UJ	<0.4 U	<0.15 UJ	<0.4 U
1,2-Dichloroethene	540-59-0	<0.4 UJ	<0.2 U	<0.4 UJ	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
2-Butanone	78-93-3	<4 UJ	<4 U	<4 UJ	<4 U
2-Hexanone	591-78-6	<4 UJ	<4 U	<4 UJ	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 UJ	<3.2 U	<3.2 UJ	<3.2 U
Acetone	67-64-1	<6.4 UJ	<6.4 UJ	<6.4 UJ	<6.4 U
Benzene	71-43-2	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromobenzene	108-86-1	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromochloromethane	74-97-5	<0.2 UJ	<0.2 U	<0.2 UJ	<0.2 U
Bromodichloromethane	75-27-4	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Bromoform	75-25-2	<1 UJ	<0.4 U	<1 UJ	<1 U
Bromomethane	74-83-9	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 UJ
Carbon disulfide	75-15-0	<0.8 UJ	<1.6 U	<0.8 UJ	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chlorobenzene	108-90-7	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chloroethane	75-00-3	<1.6 UJ	<1.6 U	<1.6 UJ	<1.6 U
Chloroform	67-66-3	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Chloromethane	74-87-3	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
Dibromochloromethane	124-48-1	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Ethylbenzene	100-41-4	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Methylene chloride	75-09-2	<2 UJ	<0.8 U	<2 UJ	<2 U
Styrene	100-42-5	<0.8 UJ	<0.4 U	<0.8 UJ	<0.8 U
Tetrachloroethene	127-18-4	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Toluene	108-88-3	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Trichloroethene	79-01-6	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
Vinyl chloride	75-01-4	<0.2 UJ	<0.2 U	<0.2 UJ	<0.2 U
Xylenes, total	1330-20-7	<0.8 UJ	<0.8 U	<0.8 UJ	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 UJ	<0.4 U	<0.4 UJ	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002
Sample Id		SCLmw-002-190102-GW	SCLmw-002-190101-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW
Date		01/28/19	01/28/19	05/08/19	08/13/19
Sample Type		FD	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 U	<0.8 U	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
1,2-Dichloroethene	540-59-0	<0.2 U	<0.2 U	<0.4 U	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
2-Butanone	78-93-3	<4 U	<4 U	<4 U	<4 U
2-Hexanone	591-78-6	<4 U	<4 U	<4 U	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 U	<3.2 U	<3.2 U
Acetone	67-64-1	<6.4 UJ	<6.4 UJ	2.1 J	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Bromoform	75-25-2	<0.4 U	<0.4 U	<1 U	<1 U
Bromomethane	74-83-9	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ
Carbon disulfide	75-15-0	<1.6 U	<1.6 U	<0.8 U	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chlorobenzene	108-90-7	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 U	<1.6 U	<1.6 U
Chloroform	67-66-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Chloromethane	74-87-3	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Methylene chloride	75-09-2	0.41 J	0.33 J	<2 U	<2 U
Styrene	100-42-5	<0.4 U	<0.4 U	<0.8 U	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 U	<0.8 U	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 U	<0.4 U	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 U	<0.4 U	<0.4 U

Table C-4. 2019 Groundwater Sample Analytical Results - VOCs

Station		SCLmw-003	SCLmw-003	SCLmw-003
Sample Id		SCLmw-003-190101-GW	SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR
Filter Status		Total	Total	Total
Aquifer				
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated
1,1,1-Trichloroethane	71-55-6	<0.4 U	<0.4 UJ	<0.4 U
1,1,2,2-Tetrachloroethane	79-34-5	<0.8 U	<0.8 UJ	<0.8 U
1,1,2-Trichloroethane	79-00-5	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethane	75-34-3	<0.8 U	<0.8 UJ	<0.8 U
1,1-Dichloroethene	75-35-4	<0.8 U	<0.8 UJ	<0.8 U
1,2-Dibromoethane	106-93-4	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloroethane	107-06-2	<0.4 U	<0.4 UJ	<0.4 U
1,2-Dichloroethene	540-59-0	<0.2 U	<0.4 UJ	<0.4 U
1,2-Dichloropropane	78-87-5	<0.4 U	<0.4 UJ	<0.4 U
2-Butanone	78-93-3	<4 U	<4 UJ	<4 U
2-Hexanone	591-78-6	<4 U	<4 UJ	<4 U
4-Methyl-2-pentanone	108-10-1	<3.2 U	<3.2 UJ	<3.2 U
Acetone	67-64-1	<6.4 UJ	2.1 J	<6.4 U
Benzene	71-43-2	<0.4 U	<0.4 UJ	<0.4 U
Bromobenzene	108-86-1	<0.4 U	<0.4 UJ	<0.4 U
Bromochloromethane	74-97-5	<0.2 U	<0.2 UJ	<0.2 U
Bromodichloromethane	75-27-4	<0.4 U	<0.4 UJ	<0.4 U
Bromoform	75-25-2	<0.4 U	<1 UJ	<1 U
Bromomethane	74-83-9	<0.8 U	<0.8 UJ	<0.8 UJ
Carbon disulfide	75-15-0	<1.6 U	<0.43 UJ	<0.8 U
Carbon tetrachloride	56-23-5	<0.4 U	<0.4 UJ	<0.4 U
Chlorobenzene	108-90-7	<0.4 U	<0.4 UJ	<0.4 U
Chloroethane	75-00-3	<1.6 U	<1.6 UJ	<1.6 U
Chloroform	67-66-3	<0.4 U	<0.4 UJ	<0.4 U
Chloromethane	74-87-3	<0.8 U	<0.8 UJ	<0.8 U
Dibromochloromethane	124-48-1	<0.4 U	<0.4 UJ	<0.4 U
Ethylbenzene	100-41-4	<0.4 U	<0.4 UJ	<0.4 U
Methylene chloride	75-09-2	<0.8 U	<2 UJ	<2 U
Styrene	100-42-5	<0.4 U	<0.8 UJ	<0.8 U
Tetrachloroethene	127-18-4	<0.4 U	<0.4 UJ	<0.4 U
Toluene	108-88-3	<0.4 U	<0.4 UJ	<0.4 U
Trichloroethene	79-01-6	<0.4 U	<0.4 UJ	<0.4 U
Vinyl chloride	75-01-4	<0.2 U	<0.2 UJ	<0.2 U
Xylenes, total	1330-20-7	<0.8 U	<0.8 UJ	<0.8 U
cis-1,3-Dichloropropene	10061-01-5	<0.4 U	<0.4 UJ	<0.4 U
trans-1,3-Dichloropropene	10061-02-6	<0.4 U	<0.4 UJ	<0.4 U

Table C-5. 2019 Groundwater Sample Analytical Results - PCBs

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-003	DETMw-004
Sample Id		DET-003-190402-GW	DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW	DET-004-190401-GW
Date		04/29/19	04/29/19	10/01/19	10/01/19	04/29/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
PCB-1016	12674-11-2	<0.44 U	<0.43 U	<0.38 U	<0.39 U	<0.4 U
PCB-1221	11104-28-2	<0.28 U	<0.27 U	<0.24 U	<0.24 U	<0.25 U
PCB-1232	11141-16-5	<0.67 U	<0.65 U	<0.57 U	<0.59 U	<0.6 U
PCB-1242	53469-21-9	<1.1 U	<1.1 U	<0.96 U	<0.98 U	<1 U
PCB-1248	12672-29-6	<0.33 U	<0.32 U	<0.29 U	<0.29 U	<0.3 U
PCB-1254	11097-69-1	<0.28 U	<0.27 U	<0.24 U	<0.24 U	<0.25 U
PCB-1260	11096-82-5	<0.44 U	<0.43 U	<0.38 U	<0.39 U	<0.4 U

Table C-5. 2019 Groundwater Sample Analytical Results - PCBs

Station		DETmw-004	RQLmw-007	RQLmw-007	RQLmw-008	RQLmw-008
Sample Id		DET-004-191001-GW	RQLmw-007-190401-GW	RQLmw-007-191001-GW	RQLmw-008-190401-GW	RQLmw-008-191001-GW
Date		10/01/19	05/09/19	10/07/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
PCB-1016	12674-11-2	<0.4 U	<0.4 U	<0.41 U	<0.42 U	<0.43 U
PCB-1221	11104-28-2	<0.25 U	<0.25 U	<0.26 U	<0.26 U	<0.27 U
PCB-1232	11141-16-5	<0.6 U	<0.61 U	<0.61 U	<0.63 U	<0.65 U
PCB-1242	53469-21-9	<1 U	<1 U	<1 U	<1.1 U	<1.1 U
PCB-1248	12672-29-6	<0.3 U	<0.3 U	<0.31 U	<0.32 U	<0.33 U
PCB-1254	11097-69-1	<0.25 U	<0.25 U	<0.26 U	<0.26 U	<0.27 U
PCB-1260	11096-82-5	<0.4 U	<0.4 U	<0.41 U	<0.42 U	<0.43 U

Table C-5. 2019 Groundwater Sample Analytical Results - PCBs

Station		RQLmw-009	RQLmw-009	SCLmw-001	SCLmw-001	SCLmw-001
Sample Id		RQLmw-009-190401-GW	RQLmw-009-191001-GW	SCLmw-001-190101-GW	SCLmw-001-190401-GW	SCLmw-001-190801-GW
Date		05/09/19	10/07/19	01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated	Unconsolidated
PCB-1016	12674-11-2	<0.43 U	<0.41 U	<0.42 U	<0.41 U	<0.13 U
PCB-1221	11104-28-2	<0.27 U	<0.26 U	<0.27 U	<0.26 U	<0.4 U
PCB-1232	11141-16-5	<0.65 U	<0.61 U	<0.64 U	<0.62 U	<0.13 U
PCB-1242	53469-21-9	<1.1 U	<1 U	<0.32 U	<1 U	<0.25 U
PCB-1248	12672-29-6	<0.32 U	<0.31 U	<0.32 U	<0.31 U	<0.25 U
PCB-1254	11097-69-1	<0.27 U	<0.26 U	<0.27 U	<0.26 U	<0.25 U
PCB-1260	11096-82-5	<0.43 U	<0.41 U	<0.42 U	<0.41 U	<0.13 U

Table C-5. 2019 Groundwater Sample Analytical Results - PCBs

Station		SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-003
Sample Id		SCLmw-002-190102-GW	SCLmw-002-190101-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW	SCLmw-003-190101-GW
Date		01/28/19	01/28/19	05/08/19	08/13/19	01/28/19
Sample Type		FD	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
PCB-1016	12674-11-2	<0.43 U	<0.4 U	<0.44 U	<0.13 U	<0.42 U
PCB-1221	11104-28-2	<0.27 U	<0.25 U	<0.27 U	<0.4 U	<0.26 U
PCB-1232	11141-16-5	<0.64 U	<0.61 U	<0.65 U	<0.13 U	<0.64 U
PCB-1242	53469-21-9	<0.32 U	<0.3 U	<1.1 U	<0.25 U	<0.32 U
PCB-1248	12672-29-6	<0.32 U	<0.3 U	<0.33 U	<0.25 U	<0.32 U
PCB-1254	11097-69-1	<0.27 U	<0.25 U	<0.27 U	<0.25 U	<0.26 U
PCB-1260	11096-82-5	<0.43 U	<0.4 U	<0.44 U	<0.13 U	<0.42 U

Table C-5. 2019 Groundwater Sample Analytical Results - PCBs

Station		SCLmw-003	SCLmw-003
Sample Id		SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		05/08/19	08/13/19
Sample Type		GR	GR
Filter Status		Total	Total
Aquifer			
Analyte (ug/L)		CAS Number	Unconsolidated
PCB-1016	12674-11-2	<0.42 U	<0.13 U
PCB-1221	11104-28-2	<0.26 U	<0.41 U
PCB-1232	11141-16-5	<0.63 U	<0.13 U
PCB-1242	53469-21-9	<1.1 U	<0.25 U
PCB-1248	12672-29-6	<0.32 U	<0.25 U
PCB-1254	11097-69-1	<0.26 U	<0.25 U
PCB-1260	11096-82-5	<0.42 U	<0.13 U

Table C-6. 2019 Groundwater Sample Analytical Results - Pesticides

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-003
Sample Id		DET-003-190402-GW	DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW
Date		04/29/19	04/29/19	10/01/19	10/01/19
Sample Type		FD	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
4,4'-DDD	72-54-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
4,4'-DDE	72-55-9	<0.022 U	<0.022 U	<0.019 U	<0.02 U
4,4'-DDT	50-29-3	<0.055 U	<0.054 U	<0.048 U	<0.049 U
Aldrin	309-00-2	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Dieldrin	60-57-1	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endosulfan I	959-98-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endosulfan II	33213-65-9	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endosulfan sulfate	1031-07-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endrin	72-20-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endrin aldehyde	7421-93-4	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Endrin ketone	53494-70-5	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Heptachlor	76-44-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Heptachlor epoxide	1024-57-3	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Lindane	58-89-9	<0.022 U	<0.022 U	<0.019 U	<0.02 U
Methoxychlor	72-43-5	<0.055 U	<0.054 U	<0.048 U	<0.049 U
Toxaphene	8001-35-2	<0.89 U	<0.86 U	<0.76 UJ	<0.78 UJ
alpha-BHC	319-84-6	<0.022 U	<0.022 U	<0.019 U	<0.02 U
alpha-Chlordane	5103-71-9	<0.022 U	<0.022 U	<0.019 U	<0.02 U
beta-BHC	319-85-7	<0.022 U	<0.022 U	<0.019 U	<0.02 U
delta-BHC	319-86-8	<0.022 U	<0.022 U	<0.019 U	<0.02 U
gamma-Chlordane	5103-74-2	<0.022 U	<0.022 U	<0.019 U	<0.02 U

Table C-6. 2019 Groundwater Sample Analytical Results - Pesticides

Station		DETMw-004	DETMw-004	RQLmw-007	RQLmw-007	RQLmw-008
Sample Id		DET-004-190401-GW	DET-004-191001-GW	RQLmw-007-190401-GW	RQLmw-007-191001-GW	RQLmw-008-190401-GW
Date		04/29/19	10/01/19	05/09/19	10/07/19	05/09/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon
4,4'-DDD	72-54-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
4,4'-DDE	72-55-9	<0.02 U	<0.02 U	<0.02 UJ	<0.02 U	<0.021 UJ
4,4'-DDT	50-29-3	<0.05 U	<0.05 U	<0.05 U	<0.051 U	<0.053 U
Aldrin	309-00-2	<0.02 U	<0.02 U	<0.02 UJ	<0.02 U	<0.021 UJ
Dieldrin	60-57-1	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endosulfan I	959-98-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endosulfan II	33213-65-9	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endosulfan sulfate	1031-07-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endrin	72-20-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endrin aldehyde	7421-93-4	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Endrin ketone	53494-70-5	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Heptachlor	76-44-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Heptachlor epoxide	1024-57-3	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Lindane	58-89-9	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
Methoxychlor	72-43-5	<0.05 U	<0.05 U	<0.05 U	<0.051 U	<0.053 U
Toxaphene	8001-35-2	<0.8 U	<0.8 UJ	<0.81 U	<0.82 UJ	<0.84 U
alpha-BHC	319-84-6	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
alpha-Chlordane	5103-71-9	<0.02 U	<0.02 U	<0.02 UJ	<0.02 U	<0.021 UJ
beta-BHC	319-85-7	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
delta-BHC	319-86-8	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.021 U
gamma-Chlordane	5103-74-2	<0.02 U	<0.02 U	<0.02 UJ	<0.02 U	<0.021 UJ

Table C-6. 2019 Groundwater Sample Analytical Results - Pesticides

Station		RQLmw-008	RQLmw-009	RQLmw-009	SCLmw-001	SCLmw-001
Sample Id		RQLmw-008-191001-GW	RQLmw-009-190401-GW	RQLmw-009-191001-GW	SCLmw-001-190101-GW	SCLmw-001-190401-GW
Date		10/07/19	05/09/19	10/07/19	01/28/19	05/08/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (ug/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated
4,4'-DDD	72-54-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
4,4'-DDE	72-55-9	<0.022 U	<0.022 UJ	<0.02 U	<0.021 U	<0.021 UJ
4,4'-DDT	50-29-3	<0.054 U	<0.054 U	<0.051 U	<0.053 U	<0.052 U
Aldrin	309-00-2	<0.022 U	<0.022 UJ	<0.02 U	<0.021 U	<0.021 UJ
Dieldrin	60-57-1	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endosulfan I	959-98-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endosulfan II	33213-65-9	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endosulfan sulfate	1031-07-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endrin	72-20-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endrin aldehyde	7421-93-4	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Endrin ketone	53494-70-5	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Heptachlor	76-44-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Heptachlor epoxide	1024-57-3	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Lindane	58-89-9	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
Methoxychlor	72-43-5	<0.054 U	<0.054 U	<0.051 U	<0.053 U	<0.052 U
Toxaphene	8001-35-2	<0.87 UJ	<0.86 U	<0.82 UJ	<0.85 U	<0.83 U
alpha-BHC	319-84-6	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
alpha-Chlordane	5103-71-9	<0.022 U	<0.022 UJ	<0.02 U	<0.021 U	<0.021 UJ
beta-BHC	319-85-7	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
delta-BHC	319-86-8	<0.022 U	<0.022 U	<0.02 U	<0.021 U	<0.021 U
gamma-Chlordane	5103-74-2	<0.022 U	<0.022 UJ	<0.02 U	<0.021 U	<0.021 UJ

Table C-6. 2019 Groundwater Sample Analytical Results - Pesticides

Station		SCLmw-001	SCLmw-002	SCLmw-002	SCLmw-002
Sample Id		SCLmw-001-190801-GW	SCLmw-002-190102-GW	SCLmw-002-190101-GW	SCLmw-002-190401-GW
Date		08/13/19	01/28/19	01/28/19	05/08/19
Sample Type		GR	FD	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
4,4'-DDD	72-54-8	<0.013 U	<0.021 U	<0.02 U	<0.022 U
4,4'-DDE	72-55-9	<0.013 U	<0.021 U	<0.02 U	<0.022 UJ
4,4'-DDT	50-29-3	<0.013 U	<0.053 U	<0.05 U	<0.054 U
Aldrin	309-00-2	<0.006 U	<0.021 U	<0.02 U	<0.022 UJ
Dieldrin	60-57-1	<0.013 U	<0.021 U	<0.02 U	<0.022 U
Endosulfan I	959-98-8	<0.006 UJ	<0.021 U	<0.02 U	<0.022 U
Endosulfan II	33213-65-9	<0.013 U	<0.021 U	<0.02 U	<0.022 U
Endosulfan sulfate	1031-07-8	<0.013 U	<0.021 U	<0.02 U	<0.022 U
Endrin	72-20-8	<0.013 U	<0.021 U	<0.02 U	<0.022 U
Endrin aldehyde	7421-93-4	<0.04 U	<0.021 U	<0.02 U	<0.022 U
Endrin ketone	53494-70-5	<0.04 U	<0.021 U	<0.02 U	<0.022 U
Heptachlor	76-44-8	<0.013 U	<0.021 U	<0.02 U	<0.022 U
Heptachlor epoxide	1024-57-3	<0.006 U	<0.021 U	<0.02 U	<0.022 U
Lindane	58-89-9	<0.006 U	<0.021 U	<0.02 U	<0.022 U
Methoxychlor	72-43-5	<0.04 U	<0.053 U	<0.05 U	<0.054 U
Toxaphene	8001-35-2	<0.5 U	<0.85 U	<0.81 U	<0.87 U
alpha-BHC	319-84-6	<0.013 U	<0.021 U	<0.02 U	<0.022 U
alpha-Chlordane	5103-71-9	<0.006 U	<0.021 U	<0.02 U	<0.022 UJ
beta-BHC	319-85-7	<0.013 U	<0.021 U	<0.02 U	<0.022 U
delta-BHC	319-86-8	<0.013 U	<0.021 U	<0.02 U	<0.022 U
gamma-Chlordane	5103-74-2	<0.013 U	<0.021 U	<0.02 U	<0.022 UJ

Table C-6. 2019 Groundwater Sample Analytical Results - Pesticides

Station		SCLmw-002	SCLmw-003	SCLmw-003	SCLmw-003
Sample Id		SCLmw-002-190801-GW	SCLmw-003-190101-GW	SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		08/13/19	01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (ug/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
4,4'-DDD	72-54-8	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
4,4'-DDE	72-55-9	<0.013 UJ	<0.021 U	<0.021 UJ	<0.013 U
4,4'-DDT	50-29-3	<0.013 UJ	<0.053 U	<0.053 U	<0.013 U
Aldrin	309-00-2	<0.0061 UJ	<0.021 U	<0.021 UJ	<0.0061 U
Dieldrin	60-57-1	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
Endosulfan I	959-98-8	<0.0061 UJ	<0.021 U	<0.021 U	<0.0061 UJ
Endosulfan II	33213-65-9	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
Endosulfan sulfate	1031-07-8	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
Endrin	72-20-8	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
Endrin aldehyde	7421-93-4	<0.04 UJ	<0.021 U	<0.021 U	<0.041 U
Endrin ketone	53494-70-5	<0.04 UJ	<0.021 U	<0.021 U	<0.041 U
Heptachlor	76-44-8	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
Heptachlor epoxide	1024-57-3	<0.0061 UJ	<0.021 U	<0.021 U	<0.0061 U
Lindane	58-89-9	<0.0061 UJ	<0.021 U	<0.021 U	<0.0061 U
Methoxychlor	72-43-5	<0.04 UJ	<0.053 U	<0.053 U	<0.041 U
Toxaphene	8001-35-2	<0.5 UJ	<0.85 U	<0.85 U	<0.51 U
alpha-BHC	319-84-6	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
alpha-Chlordane	5103-71-9	<0.0061 UJ	<0.021 U	<0.021 UJ	<0.0061 U
beta-BHC	319-85-7	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
delta-BHC	319-86-8	<0.013 UJ	<0.021 U	<0.021 U	<0.013 U
gamma-Chlordane	5103-74-2	<0.013 UJ	<0.021 U	<0.021 UJ	<0.013 U

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		CBPmw-008	CBPmw-008	CBPmw-009	CBPmw-009
Sample Id		CBPmw-008-190401-GW	CBPmw-008-191001-GW	CBPmw-009-190401-GW	CBPmw-009-191001-GW
Date		05/08/19	09/30/19	05/09/19	09/30/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		DETMw-003	DETMw-003	DETMw-003	DETMw-003
Sample Id		DET-003-190402-GW	DET-003-190401-GW	DET-003-191002-GW	DET-003-191001-GW
Date		04/29/19	04/29/19	10/01/19	10/01/19
Sample Type		FD	GR	FD	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	0.005 J
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		DETMw-004	DETMw-004	EBGmw-125	EBGmw-125
Sample Id		DET-004-190401-GW	DET-004-191001-GW	EBGmw-125-190401-GW	EBGmw-125-191001-GW
Date		04/29/19	10/01/19	05/07/19	10/07/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	0.011	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		EBGmw-131	EBGmw-131	FBQmw-171	FBQmw-171	FBQmw-172
Sample Id		EBGmw-131-190401-GW	EBGmw-131-191001-GW	FBQmw-171-190401-GW	FBQmw-171-191001-GW	FBQmw-172-190402-GW
Date		05/07/19	10/07/19	04/30/19	10/02/19	04/30/19
Sample Type		GR	GR	GR	GR	FD
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Homewood	Homewood	Homewood
Nitrate	14797-55-8	NA	NA	0.33 J	0.3 J	NA
Nitrite	14797-65-0	NA	NA	<0.1 UJ	<0.1 U	NA
Sulfate	14808-79-8	NA	NA	24	22 J	NA
Sulfide	18496-25-8	NA	NA	<1.9 U	<1.9 U	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		FBQmw-172	FBQmw-172	FBQmw-172	FBQmw-174	FBQmw-174
Sample Id		FBQmw-172-190401-GW	FBQmw-172-191002-GW	FBQmw-172-191001-GW	FBQmw-174-190401-GW	FBQmw-174-191001-GW
Date		04/30/19	10/01/19	10/01/19	04/30/19	10/02/19
Sample Type		GR	FD	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Homewood	Homewood	Homewood	Homewood	Homewood
Nitrate	14797-55-8	NA	NA	NA	1.2	0.65
Nitrite	14797-65-0	NA	NA	NA	<0.1 U	<0.1 U
Sulfate	14808-79-8	NA	NA	NA	15	12 J
Sulfide	18496-25-8	NA	NA	NA	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	NA	NA
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		FBQmw-175	FBQmw-175	FBQmw-175	FBQmw-175	FBQmw-176
Sample Id		FBQmw-175-190402-GW	FBQmw-175-190401-GW	FBQmw-175-191002-GW	FBQmw-175-191001-GW	FBQmw-176-190401-GW
Date		05/07/19	05/07/19	10/01/19	10/01/19	05/07/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Homewood	Homewood	Homewood	Homewood	Unconsolidated
Nitrate	14797-55-8	1.6	1.6	NA	1.5	NA
Nitrite	14797-65-0	<0.1 U	<0.1 U	NA	0.05 J	NA
Sulfate	14808-79-8	18	20	NA	19	NA
Sulfide	18496-25-8	<1.9 U	<1.9 U	NA	0.8 J	NA
Chromium, hexavalent	18540-29-9	<0.003 U	<0.003 U	<0.007 U	<0.007 U	NA
Cyanide	57-12-5	NA	NA	NA	NA	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		FBQmw-176	FWGmw-004	FWGmw-018	FWGmw-018
Sample Id		FBQmw-176-191001-GW	FWGmw-004-191001-GW	FWGmw-018-190401-GW	FWGmw-018-191001-GW
Date		10/01/19	10/01/19	05/09/19	10/03/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer				Basal Sharon Conglomerate	Basal Sharon Conglomerate
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Basal Sharon Conglomerate	Basal Sharon Conglomerate
Nitrate	14797-55-8	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	0.0095 J	0.0065 J	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		FWGmw-020	FWGmw-020	LL11mw-005	LL11mw-005
Sample Id		FWGmw-020-190401-GW	FWGmw-020-191001-GW	LL11mw-005-190401-GW	LL11mw-005-191001-GW
Date		05/13/19	10/03/19	05/01/19	10/02/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	0.011	<0.01 U	<0.01 U	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL12mw-183	LL12mw-183	LL12mw-185	LL12mw-185
Sample Id		LL12mw-183-190401-GW	LL12mw-183-191001-GW	LL12mw-185-190401-GW	LL12mw-185-191001-GW
Date		05/01/19	10/07/19	05/01/19	10/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	NA	NA	92	89
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	NA	NA
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL12mw-187	LL12mw-187	LL12mw-242	LL12mw-242
Sample Id		LL12mw-187-190401-GW	LL12mw-187-191001-GW	LL12mw-242-190401-GW	LL12mw-242-191001-GW
Date		05/02/19	10/08/19	05/01/19	10/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	1600	<0.2 U	<0.1 U	<1 U
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	NA	NA	NA	NA
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL12mw-245	LL12mw-245	LL12mw-247	LL12mw-247
Sample Id		LL12mw-245-190401-GW	LL12mw-245-191001-GW	LL12mw-247-190401-GW	LL12mw-247-191001-GW
Date		05/02/19	10/08/19	05/01/19	10/03/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	0.12 J	0.23 J	<0.1 U	<0.2 U
Nitrite	14797-65-0	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	NA	NA	NA	NA
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL1mw-063	LL1mw-081	LL1mw-081	LL1mw-083	LL1mw-083
Sample Id		LL1mw-063-191001-GW	LL1mw-081-190401-GW	LL1mw-081-191001-GW	LL1mw-083-190401-GW	LL1mw-083-191001-GW
Date		10/09/19	05/06/19	10/08/19	05/06/19	10/09/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Unconsolidated	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	NA	NA	NA	0.44	0.44 J
Nitrite	14797-65-0	NA	NA	NA	<0.1 U	<0.1 U
Sulfate	14808-79-8	NA	NA	NA	120 J	130
Sulfide	18496-25-8	NA	NA	NA	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	NA	NA
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL1mw-084	LL1mw-084	LL1mw-086	LL1mw-086
Sample Id		LL1mw-084-190401-GW	LL1mw-084-191001-GW	LL1mw-086-190401-GW	LL1mw-086-191001-GW
Date		05/06/19	10/09/19	05/07/19	10/08/19
Sample Type		GR	GR	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	0.33	0.47 J	NA	NA
Nitrite	14797-65-0	<0.1 U	<0.1 U	NA	NA
Sulfate	14808-79-8	140 J	130	NA	NA
Sulfide	18496-25-8	0.8 J	<1.9 U	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA
Cyanide	57-12-5	NA	NA	<0.01 U	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL2mw-264	LL2mw-264	LL2mw-272	LL2mw-272	LL3mw-234
Sample Id		LL2mw-264-190401-GW	LL2mw-264-191001-GW	LL2mw-272-190401-GW	LL2mw-272-191001-GW	LL3mw-234-190401-GW
Date		05/02/19	10/07/19	05/06/19	10/08/19	05/06/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	NA	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	0.006 J	<0.01 U	<0.01 U	<0.01 U	0.0087 J
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL3mw-234	LL3mw-246	LL3mw-246	LL3mw-246	LL4mw-200
Sample Id		LL3mw-234-191001-GW	LL3mw-246-190402-GW	LL3mw-246-190401-GW	LL3mw-246-191001-GW	LL4mw-200-190401-GW
Date		10/08/19	05/09/19	05/09/19	10/03/19	05/02/19
Sample Type		GR	FD	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Unconsolidated
Nitrate	14797-55-8	NA	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	NA	NA	NA	<0.01 U
Perchlorate	14797-73-0	NA	0.00006 J	0.00005 J	0.00007	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		LL4mw-200	LL7mw-001	LL7mw-001	RQLmw-007	RQLmw-007
Sample Id		LL4mw-200-191001-GW	LL7mw-001-190401-GW	LL7mw-001-191001-GW	RQLmw-007-190401-GW	RQLmw-007-191002-GW
Date		10/01/19	05/01/19	10/02/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	FD
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Unconsolidated	Homewood	Homewood	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	NA	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	<0.05 U	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		RQLmw-007	RQLmw-008	RQLmw-008	RQLmw-009	RQLmw-009
Sample Id		RQLmw-007-191001-GW	RQLmw-008-190401-GW	RQLmw-008-191001-GW	RQLmw-009-190401-GW	RQLmw-009-191001-GW
Date		10/07/19	05/09/19	10/07/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	NA	NA	NA	NA	NA
Nitrite	14797-65-0	NA	NA	NA	NA	NA
Sulfate	14808-79-8	NA	NA	NA	NA	NA
Sulfide	18496-25-8	NA	NA	NA	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	0.0053 J	<0.01 U	0.013 J	<0.01 U
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	<0.05 U	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		RQLmw-011	RQLmw-011	RQLmw-011	RQLmw-011	RQLmw-012
Sample Id		RQLmw-011-190402-GW	RQLmw-011-190401-GW	RQLmw-011-191002-GW	RQLmw-011-191001-GW	RQLmw-012-190401-GW
Date		05/09/19	05/09/19	10/07/19	10/07/19	05/09/19
Sample Type		FD	GR	FD	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	<0.1 U	<0.1 U	<0.2 U	<0.2 U	0.61
Nitrite	14797-65-0	<0.1 U	<0.1 U	<0.1 UJ	<0.1 UJ	<0.1 UJ
Sulfate	14808-79-8	130 J	130 J	170 J	180 J	110 J
Sulfide	18496-25-8	<1.9 U	<1.9 U	<1.9 U	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	NA	NA	NA	NA	0.04 J
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		RQLmw-012	RQLmw-013	RQLmw-013	RQLmw-016	RQLmw-016
Sample Id		RQLmw-012-191001-GW	RQLmw-013-190401-GW	RQLmw-013-191001-GW	RQLmw-016-190401-GW	RQLmw-016-191001-GW
Date		10/07/19	05/09/19	10/07/19	05/09/19	10/07/19
Sample Type		GR	GR	GR	GR	GR
Filter Status		Total	Total	Total	Total	Total
Aquifer						
Analyte (mg/L)	CAS Number	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon	Upper Sharon
Nitrate	14797-55-8	1.9	<0.1 U	<0.2 U	NA	NA
Nitrite	14797-65-0	<0.1 UJ	<0.1 R	<0.1 UJ	NA	NA
Sulfate	14808-79-8	190	160 J	170 J	NA	NA
Sulfide	18496-25-8	<1.9 U	<1.9 U	<1.9 U	NA	NA
Chromium, hexavalent	18540-29-9	NA	NA	NA	NA	NA
Cyanide	57-12-5	<0.01 U	NA	NA	<0.01 U	0.0069 J
Perchlorate	14797-73-0	NA	NA	NA	NA	NA
Total Phosphorus as P	7723-14-0	NA	NA	NA	NA	NA

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		SCLmw-001	SCLmw-001	SCLmw-001	SCLmw-002
Sample Id		SCLmw-001-190101-GW	SCLmw-001-190401-GW	SCLmw-001-190801-GW	SCLmw-002-190102-GW
Date		01/28/19	05/08/19	08/13/19	01/28/19
Sample Type		GR	GR	GR	FD
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	<0.1 U	<0.1 U	<0.2 U	<0.1 U
Nitrite	14797-65-0	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Sulfate	14808-79-8	170	160	160	200
Sulfide	18496-25-8	<1.9 U	<1.9 U	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	<0.02 U	NA	<0.007 U	NA
Cyanide	57-12-5	<0.005 U	0.015 J	<0.058 U	<0.005 U
Perchlorate	14797-73-0	0.00001 J	<0.00001 U	<0.00001 U	0.00001 J
Total Phosphorus as P	7723-14-0	0.017 J	0.018 J	0.025 J	0.099 J

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		SCLmw-002	SCLmw-002	SCLmw-002	SCLmw-002
Sample Id		SCLmw-002-190101-GW	SCLmw-002-190402-GW	SCLmw-002-190401-GW	SCLmw-002-190801-GW
Date		01/28/19	05/08/19	05/08/19	08/13/19
Sample Type		GR	FD	GR	GR
Filter Status		Total	Total	Total	Total
Aquifer					
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	<0.1 U	NA	<0.1 U	<0.2 U
Nitrite	14797-65-0	<0.1 UJ	NA	<0.1 U	<0.1 U
Sulfate	14808-79-8	220	NA	190	150
Sulfide	18496-25-8	<1.9 U	NA	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	<0.2 U	NA	NA	<0.007 U
Cyanide	57-12-5	<0.005 U	0.0052 J	<0.01 U	<0.058 U
Perchlorate	14797-73-0	0.00001 J	NA	<0.00001 U	<0.00001 U
Total Phosphorus as P	7723-14-0	0.099 J	0.11 J	0.1 J	0.1 J

Table C-7. 2019 Groundwater Sample Analytical Results - Miscellaneous

Station		SCLmw-003	SCLmw-003	SCLmw-003
Sample Id		SCLmw-003-190101-GW	SCLmw-003-190401-GW	SCLmw-003-190801-GW
Date		01/28/19	05/08/19	08/13/19
Sample Type		GR	GR	GR
Filter Status		Total	Total	Total
Aquifer				
Analyte (mg/L)	CAS Number	Unconsolidated	Unconsolidated	Unconsolidated
Nitrate	14797-55-8	<0.1 U	<0.1 U	<0.2 U
Nitrite	14797-65-0	<0.1 UJ	<0.1 U	<0.1 U
Sulfate	14808-79-8	260	240	240
Sulfide	18496-25-8	<1.9 U	<1.9 U	<1.9 U
Chromium, hexavalent	18540-29-9	<0.02 U	NA	<0.007 U
Cyanide	57-12-5	<0.005 U	<0.01 U	<0.058 U
Perchlorate	14797-73-0	9.9E-6 J	<0.00001 U	<0.00001 U
Total Phosphorus as P	7723-14-0	<0.05 U	<0.05 U	<0.05 U