C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 Century Hill Drive, Latham, NY 12110
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November 1, 2019 *Via Email*

Josh Haugh, PG
Professional Geologist 1
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 4
1130 North Westcott Road
Schenectady, New York 12306-2014
joshua.haugh@dec.ny.gov

RE: Addendum #1 to the Remedial Investigation Report
Hamilton Hill II – Target Area 1 BCP Site (Site No. C447052)
830 and 834 Albany Street, City/County of Schenectady

Dear Mr. Haugh:

C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male), on behalf of Hamilton Hill II Limited Partnership, is submitting this Addendum #1 to the Remedial Investigation Report (RIR) (dated May 2019, revised September 4 and 27, 2019) for the above referenced Site.

Addendum #1 to the RIR includes updated tables and figures comparing contaminants in fill/soil to Soil Cleanup Objectives (SCOs) for both Unrestricted Use and Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375. The tables and figures in the parent RIR document had compared contaminants in fill/soil to Unrestricted Use SCOs; which is the anticipated cleanup track for the Site. Comparison of contaminated fill/soil to Restricted (Restricted-Residential) Use SCOs is consistent with the Site's intended use as multi-family housing.

The following attached RIR figures and tables have been updated.

-Figure 4: Contaminants in Surface Soil Exceeding SCGs
-Figure 5: Contaminants in Subsurface Fill/Soil Exceeding SCGs
-Table 1: RI Surface Soil Analytical Results Summary
-Table 2: Previous Investigation Surface Soil Analytical Results Summary (2015)
-Table 3: Previous Investigation Surface Soil Analytical Results Summary (2017)
-Table 4: RI Sub-Slab Soil Analytical Results Summary
-Table 5: RI Subsurface Fill/Soil Analytical Results Summary
-Table 5A: Supplemental RI Subsurface Fill/Soil Analytical Results Summary
-Table 6: RI Subsurface Soil Analytical Results Summary
-Table 7: Previous Investigation Subsurface Soil Analytical Results Summary (2018)

Please do not hesitate to contact the undersigned at s.bieber@ctmale.com or 518-860-9737 should you have any questions.

Respectfully,
C.T. MALE ASSOCIATES

Stephen Bieber, CHMM
Project Scientist

Attachments

ec: Jennica Petrik-Huff, Hamilton Hill II Limited Partnership
Kelly Melaragno, Hamilton Hill II Limited Partnership
Janis Stewart, Hamilton Hill II Limited Partnership
Aimee Smith, C.T. Male Associates
Kirk Moline, C.T. Male Associates

XREFS: NONE

PROJECT NUMBER: 16.6334

RISS3			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDE	8.9	0.0033	0.00409
4,4'-DDT	7.9	0.0033	0.0138P
Lead, Total	400	63	124
Mercury, Total	0.81	0.18	0.253
Zinc, Total	10,000	109	112

SS13			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	115
Mercury	0.81	0.18	0.8
Zinc	10,000	109	151

SAMPLE 1			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	360

RISS1			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDE	8.9	0.0033	0.00348
Lead, Total	400	63	365
Mercury, Total	0.81	0.18	0.361
Zinc, Total	10,000	109	204

SS12			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	144
Mercury	0.81	0.18	0.69

SS10			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	154
Mercury	0.81	0.18	0.65
Zinc	10,000	109	110

RISS2			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead, Total	400	63	119
Mercury, Total	0.81	0.18	0.359

SS17			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	103
Zinc	10,000	109	172

SS15			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Copper	270	50	59.6
Lead	400	63	328
Mercury	0.81	0.18	1.25
Zinc	10,000	109	185

SS16			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	79.7
Zinc	10,000	109	123

SS3			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	95.7
Mercury	0.81	0.18	0.24

SS4			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	145
Mercury	0.81	0.18	0.49
Zinc	10,000	109	120

SAMPLE 4			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	167
Mercury	0.81	0.18	0.62

SS5			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	274
Mercury	0.81	0.18	0.85
Zinc	10,000	109	238

SAMPLE 3			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	244
Mercury	0.81	0.18	0.64

SS6			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	485
Mercury	0.81	0.18	1.17
Zinc	10,000	109	294

SS7			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	105
Zinc	10,000	109	121

SS19			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	187
Mercury	0.81	0.18	0.48
Zinc	10,000	109	128
Benz(a)anthracene	1	1	2.2
Benzo(a)pyrene	1	1	1.6
Benzo(b)fluoranthene	1	1	1.1
Benzo(k)fluoranthene	3.9	0.8	0.88
Chrysene	3.9	1	2.4
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.96

RISS5			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Benzo(b)fluoranthene	1	1	1.3
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.56
4,4'-DDD	13	0.0033	0.0161
4,4'-DDE	8.9	0.0033	0.0228
4,4'-DDT	7.9	0.0033	0.128
Dieldrin	0.2	0.005	0.0236
Lead, Total	400	63	75.7

SS21			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	257

SS18			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Arsenic	16	13	13.4
Lead	400	63	640
Mercury	0.81	0.18	0.41
Zinc	10,000	109	300

RISS6			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDT	7.9	0.0033	0.00773
Lead, Total	400	63	63.5

- GP-10 — PRE-RI GEOPROBE (APPROXIMATE LOCATION)
- MW1 — PRE-RI MONITORING WELL LOCATION
- SS3 — PRE-RI SHALLOW SOIL SAMPLE LOCATION (APPROXIMATE LOCATION)
- RISB1 — RI SUBSURFACE SOIL SAMPLE LOCATION
- RISV1 — RI SOIL VAPOR SAMPLE LOCATION
- RISS1 — RI SURFACE SOIL LOCATION
- RIHA1 — RI HAND AUGER LOCATION
- RIMW1 — RI MONITORING WELL LOCATION
- GENERALIZED GROUNDWATER FLOW DIRECTION
- RIGP1 — SUPPLEMENTAL RI GEOPROBE/MONITORING WELL LOCATION

BAR SCALE

20 0 10 20 40

1 inch = 20 ft.

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FIGURE 4: CONTAMINANTS IN SURFACE SOIL EXCEEDING SCGs
830 & 834 ALBANY STREET PARCELS

HAMILTON HILL - TARGET AREA 1 SITE

CITY OF SCHENECTADY — SCHENECTADY COUNTY, NEW YORK

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DWG. NO: 19-646

CAD DWG. FILE NAME: C:\Users\michele\Desktop\WORK FROM HOME\hamilton hill\17.7266\FIGURE 4 19-646.dwg

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XREFS: NONE

PROJECT NUMBER: 16.6334

RISB10 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Benzo(a)anthracene	1	1	3.7
Benzo(a)pyrene	1	1	3.2
Benzo(b)fluoranthene	1	1	4.8
Benzo(k)fluoranthene	3.9	0.8	1.6
Chrysene	3.9	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33	0.55
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.1
4,4'-DDE	8.9	0.0033	0.00696
4,4'-DDT	7.9	0.0033	0.0602
RISB10 (4'-6' bgs)			
Benzo(a)anthracene	1	1	1.1
Benzo(b)fluoranthene	1	1	1.4
Chrysene	3.9	1	1.1
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.65
4,4'-DDE	8.9	0.0033	0.00552
4,4'-DDT	7.9	0.0033	0.0355
RISB10 (6'-8' bgs)			
SVOCs Below SCGs			
Pesticide Below SCGs			

RISB13 (10'-12' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDT	7.9	0.0033	0.00376

RISB3 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Acetone	100	0.05	0.086

RISB4 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDT	7.9	0.0033	0.00334
RISB4 (4'-6' bgs)			
4,4'-DDT	7.9	0.0033	0.00534
RISB4 (6'-8' bgs)			
Pesticides Below SCGs			

RISB12 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDE	8.9	0.0033	0.00458
4,4'-DDT	7.9	0.0033	0.0251
Lead, Total	400	63	124
Mercury, Total	0.81	0.18	0.679
Zinc, Total	10,000	109	111
RISB12 (4'-6')			
4,4'-DDE	8.9	0.0033	0.00748
4,4'-DDT	7.9	0.0033	0.0569
Dieldrin	0.2	0.005	0.00517
Lead, Total	400	63	129
Mercury, Total	0.81	0.18	0.427
Zinc, Total	10,000	109	142
RISB12 (6'-8')			
Pesticides Below SCGs			
Metals Below SCGs			

RISB8 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Benzo(a)anthracene	1	1	1.9
Benzo(a)pyrene	1	1	1.5
Benzo(b)fluoranthene	1	1	1.8
Chrysene	3.9	1	1.8
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.81
Lead, Total	400	63	171
Mercury, Total	0.81	0.18	0.457
Zinc, Total	10,000	109	142
RISB8 (4'-6' bgs)			
SVOCs Below SCGs			
Lead, Total	400	63	343
Mercury, Total	0.81	0.18	0.95
Zinc, Total	10,000	109	294
RISB8 (6'-8' bgs)			
Metals Below SCGs			

RISB9 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Acetone	100	0.05	0.1
Lead, Total	400	63	84.1
RISB9 (4'-6' bgs)			
Metals Below SCGs			

RISB11 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDD	13	0.0033	0.0352
4,4'-DDE	8.9	0.0033	0.0379
4,4'-DDT	7.9	0.0033	0.0917
Dieldrin	0.2	0.005	0.00982
Lead, Total	400	63	93.3
RISB11 (10'-12' bgs)			
Pesticides Below SCGs			
Metals Below SCGs			

GP-9 (0-2' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Lead	400	63	122
Mercury	0.81	0.18	0.219

RISB7 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
4,4'-DDT	7.9	0.0033	0.00507
Lead, Total	400	63	127
Mercury, Total	0.81	0.18	0.842
RISB7 (4'-6' bgs)			
Pesticides Below SCGs			
Lead, Total	400	63	240
Mercury, Total	0.81	0.18	1.19
RISB7 (6'-8' bgs)			
Metals Below SCGs			

GP-8 (0-2' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Benzo(a)anthracene	1	1	24
Benzo(a)pyrene	1	1	20
Benzo(b)fluoranthene	1	1	27
Benzo(k)fluoranthene	3.9	0.8	2.7
Chrysene	3.9	1	25
Dibenzo(a,h)anthracene	0.33	0.33	2.4
Indeno(1,2,3-cd)pyrene	0.5	0.5	13
Arsenic	16	13	31.7
Lead	400	63	566
Mercury	0.81	0.18	0.217
Zinc	10,000	109	811

GP-11 (4'-6' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Barium	400	350	450
Lead	400	63	486

GP-12 (2'-4' bgs)			
ANALYTE	NY-RES-RES (ppm)	NY-UNRES (ppm)	Conc. (ppm)
Benzo(a)anthracene	1	1	3.1
Benzo(a)pyrene	1	1	2.8
Benzo(b)fluoranthene	1	1	4.2
Benzo(k)fluoranthene	3.9	0.8	1.2
Chrysene	3.9	1	3.5
Dibenzo(a,h)anthracene	0.33	0.33	0.5
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.2

LEGEND

GP-10	PRE-RI GEOPROBE (APPROXIMATE LOCATION)
MW1	PRE-RI MONITORING WELL LOCATION
SS3	PRE-RI SHALLOW SOIL SAMPLE LOCATION (APPROXIMATE LOCATION)
RISB1	RI SUBSURFACE SOIL SAMPLE LOCATION
RISV1	RI SOIL VAPOR SAMPLE LOCATION
RISS1	RI SURFACE SOIL LOCATION
RIHA1	RI HAND AUGER LOCATION
RIMW1	RI MONITORING WELL LOCATION
	GENERALIZED GROUNDWATER FLOW DIRECTION
RIGP1	SUPPLEMENTAL RI GEOPROBE/MONITORING WELL LOCATION

BAR SCALE

20 0 10 20 40

1 inch = 20 ft.

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FIGURE 5 CONTAMINANTS IN SUBSURACE FILL/SOIL EXCEEDING SCGs
830 & 834 ALBANY STREET PARCELS

HAMILTON HILL - TARGET AREA 1 SITE

CITY OF SCHENECTADY — SCHENECTADY COUNTY, NEW YORK

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CAD DWG. FILE NAME: C:\Users\micheled\Desktop\WORK FROM HOME\hamilton hill\17.7266\FIGURE 5 19-646.dwg

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TABLE 1: RI SURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISS1				RISS2				RISS3				FD01_190327 (RISS3)			
			LAB ID:	L1912447-01				L1912447-02				L1912447-03				L1912447-05			
			COLLECTION DATE:	3/27/2019				3/27/2019				3/27/2019				3/27/2019			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
Tetrachloroethene	127-18-4	19	1.3	ND		0.00075	0.00029	ND		0.00059	0.00023	0.0062	(J)	0.00054	0.00021	0.0032	(J)	0.00063	0.00025
Trichlorofluoromethane	75-69-4	NA	NA	ND		0.006	0.001	ND		0.0047	0.00082	ND		0.0043	0.00076	ND		0.0051	0.00088
Total VOCs		NA	NA	-	-	-	-	-	-	-	-	0.0062	-	-	-	0.0032	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
Unknown		NA	NA	0.00811	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	0.00513	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	0.007	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	0.0047	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.00356	J	0	0	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	0.0251	J	0	0	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	0.0066	J	0	0	-		-	-
Total TIC Compounds		NA	NA	0.00811	J	0	0	-		-	-	0.0521	J	0	0	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2-Methylnaphthalene	91-57-6	NA	NA	0.038	J	0.26	0.026	ND		0.24	0.024	ND		1.1	0.12	ND		1.1	0.11
Acenaphthene	83-32-9	100	20	0.058	J	0.17	0.022	ND		0.16	0.02	ND		0.76	0.099	ND		0.75	0.098
Anthracene	120-12-7	100	100	0.1	J	0.13	0.042	ND		0.12	0.038	ND		0.57	0.19	ND		0.57	0.18
Benzo(a)anthracene	56-55-3	1	1	0.6		0.13	0.024	0.046	J	0.12	0.022	0.63		0.57	0.11	0.59		0.57	0.11
Benzo(a)pyrene	50-32-8	1	1	0.53		0.17	0.052	ND		0.16	0.048	0.6	J	0.76	0.23	0.54	J	0.75	0.23
Benzo(b)fluoranthene	205-99-2	1	1	0.75		0.13	0.036	0.07	J	0.12	0.033	0.84		0.57	0.16	0.78		0.57	0.16
Benzo(ghi)perylene	191-24-2	100	100	0.33		0.17	0.025	0.036	J	0.16	0.023	0.37	J	0.76	0.11	0.34	J	0.75	0.11
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.27		0.13	0.034	ND		0.12	0.031	0.34	J	0.57	0.15	0.27	J	0.57	0.15
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	0.32	(J)	0.21	0.074	ND		0.2	0.068	ND		0.96	0.33	ND		0.94	0.33
Carbazole	86-74-8	NA	NA	0.085	J	0.21	0.021	ND		0.2	0.019	ND		0.96	0.093	ND		0.94	0.092
Chrysene	218-01-9	3.9	1	0.67		0.13	0.022	0.053	J	0.12	0.02	0.73		0.57	0.099	0.69		0.57	0.098
Di-n-butylphthalate	84-74-2	NA	NA	0.07	J	0.21	0.041	ND		0.2	0.037	ND		0.96	0.18	0.3	J	0.94	0.18
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.079	J	0.13	0.025	ND		0.12	0.023	ND		0.57	0.11	ND		0.57	0.11
Dibenzofuran	132-64-9	59	7	0.046	J	0.21	0.02	ND		0.2	0.019	ND		0.96	0.09	ND		0.94	0.089
Fluoranthene	206-44-0	100	100	1.2		0.13	0.025	0.069	J	0.12	0.023	1.2		0.57	0.11	1.2		0.57	0.11
Fluorene	86-73-7	100	30	0.055	J	0.21	0.021	ND		0.2	0.019	ND		0.96	0.093	ND		0.94	0.092
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.34		0.17	0.03	0.036	J	0.16	0.027	0.38	J	0.76	0.13	0.35	J	0.75	0.13
Naphthalene	91-20-3	100	12	0.049	J	0.21	0.026	ND		0.2	0.024	ND		0.96	0.12	ND		0.94	0.11
Phenanthrene	85-01-8	100	100	0.83		0.13	0.026	0.029	J	0.12	0.024	0.5	J	0.57	0.12	0.53	J	0.57	0.11
Pyrene	129-00-0	100	100	1		0.13	0.021	0.061	J	0.12	0.02	0.94		0.57	0.095	0.92		0.57	0.094
Total SVOCs		NA	NA	7.42	-	-	-	0.4	-	-	-	6.53	-	-	-	6.51	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.33	J	0	0	1.44	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	0.186	J	0	0	0.998	J	0	0	-		-	-	-		-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Organic Acid		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.183	J	0	0	-	-	-	-	-	-	-	-	-		-	-
Unknown PAH		NA	NA	0.274	J	0	0	-	-	-	-	-	-	-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.357	J	0	0	-	-	-	-	-	-	-	-	-		-	-
Total TIC Compounds		NA	NA	1.33	J	0	0	2.44	J	0	0	-		-	-	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00197	0.000701	ND		0.00186	0.000664	ND		0.00184	0.000654	ND		0.00185	0.000658
4,4'-DDE	72-55-9	8.9	0.0033	**0.00348**		**0.00197**	**0.000455**	0.00106	J	0.00186	0.00043	**0.00409**		**0.00184**	**0.000424**	0.003		0.00185	0.000427
4,4'-DDT	50-29-3	7.9	0.0033	0.00192	JIP (J)	0.00369	0.00158	ND		0.00349	0.0015	**0.0138**	**P (J)**	**0.00344**	**0.00148**	**0.00972**		**0.00346**	**0.00148**
Chlordane	57-74-9	NA	NA	ND		0.016	0.00651	ND		0.0151	0.00616	0.118		0.0149	0.00608	0.108		0.015	0.00612
cis-Chlordane	5103-71-9	4.2	0.094	0.000714	JIP (J)	0.00246	0.000685	ND		0.00232	0.000648	0.0282	P (J)	0.00229	0.000639	0.0162	IP (J)	0.00231	0.000643
Delta-BHC	319-86-8	100	0.04	ND	(UJ)	0.00197	0.000385	ND		0.00186	0.000364	0.000678	J	0.00184	0.000359	ND		0.00185	0.000362
Dieldrin	60-57-1	0.2	0.005	ND		0.00123	0.000614	ND		0.00116	0.000581	0.00367	IP (J)	0.00115	0.000573	0.00358	IP (J)	0.00115	0.000577

TABLE 1: RI SURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISS1				RISS2				RISS3				FD01_190327 (RISS3)			
			LAB ID:	L1912447-01				L1912447-02				L1912447-03				L1912447-05			
			COLLECTION DATE:	3/27/2019				3/27/2019				3/27/2019				3/27/2019			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	**CAS**	**(mg/kg)**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Heptachlor	76-44-8	2.1	0.042	ND	(UJ)	0.000983	0.000441	ND		0.00093	0.000417	ND		0.000918	0.000411	ND		0.000923	0.000414
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00369	0.00111	ND		0.00349	0.00105	0.002	JIP (J)	0.00344	0.00103	0.00179	JIP (J)	0.00346	0.00104
trans-Chlordane	5103-74-2	NA	NA	0.000814	JIP (J)	0.00246	0.000649	0.000989	JIP (J)	0.00232	0.000614	0.0184	P (J)	0.00229	0.000606	0.0119	IP (J)	0.00231	0.000609
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1254	11097-69-1	1	0.1	0.0162	J	0.0409	0.00447	0.0421		0.0377	0.00412	ND		0.0391	0.00427	ND		0.0384	0.0042
Aroclor 1260	11096-82-5	1	0.1	0.015	J	0.0409	0.00756	ND		0.0377	0.00697	ND		0.0391	0.00722	ND		0.0384	0.0071
Aroclor 1268	11100-14-4	1	0.1	ND		0.0409	0.00424	ND		0.0377	0.0039	0.0288	J	0.0391	0.00405	0.0253	J	0.0384	0.00398
PCBs, Total	1336-36-3	1	0.1	0.0312	J	0.0409	0.00363	0.0421		0.0377	0.00335	0.0288	J	0.0391	0.00347	0.0253	J	0.0384	0.00341
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	3880		9.76	2.64	3190		9.1	2.46	3070		9.05	2.44	3900		8.98	2.42
Antimony, Total	7440-36-0	NA	NA	1.25	J	4.88	0.371	0.801	J	4.55	0.346	0.552	J	4.52	0.344	0.916	J	4.49	0.341
Arsenic, Total	7440-38-2	16	13	4.92		0.976	0.203	3.23		0.91	0.189	4.48		0.905	0.188	4.5		0.898	0.187
Barium, Total	7440-39-3	400	350	81.9		0.976	0.17	38.8		0.91	0.158	62.3		0.905	0.157	57.4		0.898	0.156
Beryllium, Total	7440-41-7	72	7.2	0.244	J	0.488	0.032	0.164	J	0.455	0.03	0.118	J	0.452	0.03	0.153	J	0.449	0.03
Cadmium, Total	7440-43-9	4.3	2.5	0.547	J	0.976	0.096	ND		0.91	0.089	0.534	J	0.905	0.089	0.61	J	0.898	0.088
Calcium, Total	7440-70-2	NA	NA	7570		9.76	3.42	3420		9.1	3.19	66500	(J)	90.5	31.7	30900	(J)	8.98	3.14
Chromium, Total	7440-47-3	180	30	8.67		0.976	0.094	5.21		0.91	0.087	7.13		0.905	0.087	8.21		0.898	0.086
Cobalt, Total	7440-48-4	NA	NA	3.43		1.95	0.162	3.09		1.82	0.151	3.41		1.81	0.15	3.81		1.8	0.149
Copper, Total	7440-50-8	270	50	34.6		0.976	0.252	15.7		0.91	0.235	18.2		0.905	0.233	21.1		0.898	0.232
Iron, Total	7439-89-6	NA	NA	9000		4.88	0.882	8730		4.55	0.822	9890		4.52	0.817	11300		4.49	0.811
Lead, Total	7439-92-1	400	63	**365**		**4.88**	**0.262**	**119**		**4.55**	**0.244**	**116**		**4.52**	**0.242**	**124**		**4.49**	**0.241**
Magnesium, Total	7439-95-4	NA	NA	3200	(J)	9.76	1.5	1230	(J)	9.1	1.4	24900	(J)	9.05	1.39	12800	(J)	8.98	1.38
Manganese, Total	7439-96-5	2,000	1600	201		0.976	0.155	182		0.91	0.145	228		0.905	0.144	204		0.898	0.143
Mercury, Total	7439-97-6	0.81	0.18	**0.361**	**(J)**	**0.081**	**0.017**	**0.359**	**(J)**	**0.075**	**0.016**	**0.253**	**(J)**	**0.074**	**0.016**	0.166	(J)	0.074	0.016
Nickel, Total	7440-02-0	310	30	9.78		2.44	0.236	6.46		2.28	0.22	9.26		2.26	0.219	11.8		2.24	0.217
Potassium, Total	7440-09-7	NA	NA	254		244	14.1	225	J	228	13.1	355		226	13	433		224	12.9
Selenium, Total	7782-49-2	180	3.9	0.957	J	1.95	0.252	0.401	J	1.82	0.235	0.733	J	1.81	0.233	0.808	J	1.8	0.232
Sodium, Total	7440-23-5	NA	NA	43.8	J	195	3.08	21.7	J	182	2.87	68.4	J	181	2.85	58.8	J	180	2.83
Vanadium, Total	7440-62-2	NA	NA	13.6		0.976	0.198	11.1		0.91	0.185	14.8		0.905	0.184	14		0.898	0.182
Zinc, Total	7440-66-6	10,000	109	**204**		**4.88**	**0.286**	105		4.55	0.267	**110**		**4.52**	**0.265**	**112**		**4.49**	**0.263**
GENERAL CHEMISTRY																			
Solids, Total	NONE	NA	NA	77		0.1	NA	84.1		0.1	NA	84.7		0.1	NA	86.2		0.1	NA
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION			**(ug/kg)**																
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NA	NA	0.135	J	1.01	0.091	-		-	-	0.207	J	0.996	0.09	0.148	J	1	0.09
Perfluorobutanoic Acid (PFBA)	375-22-4	NA	NA	0.208	J (U)	1.01	0.022	-		-	-	0.162	J (U)	0.996	0.021	0.103	J (U)	1	0.021
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NA	NA	0.099	J	1.01	0.098	-		-	-	ND		0.996	0.097	ND		1	0.097
Perfluorodecanoic Acid (PFDA)	335-76-2	NA	NA	0.244	J	1.01	0.073	-		-	-	0.157	J	0.996	0.072	0.118	J	1	0.072
Perfluorododecanoic Acid (PFDoA)	307-55-1	NA	NA	0.106	J	1.01	0.087	-		-	-	ND		0.996	0.086	ND		1	0.086
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NA	NA	0.121	J	1.01	0.065	-		-	-	0.08	J	0.996	0.064	ND		1	0.064
Perfluorohexanoic Acid (PFHxA)	307-24-4	NA	NA	0.102	J	1.01	0.065	-		-	-	0.075	J	0.996	0.064	ND		1	0.064
Perfluorononanoic Acid (PFNA)	375-95-1	NA	NA	0.272	J	1.01	0.084	-		-	-	0.146	J	0.996	0.083	0.101	J	1	0.083
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NA	NA	2.85		1.01	0.122	-		-	-	2.19		0.996	0.12	1.84		1	0.121
Perfluorooctanoic Acid (PFOA)	335-67-1	NA	NA	0.516	J	1.01	0.042	-		-	-	0.311	J	0.996	0.041	0.208	J	1	0.041
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	NA	0.102	J	1.01	0.011	-		-	-	0.106	J	0.996	0.01	0.072	J	1	0.01
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NA	NA	0.066	J	1.01	0.063	-		-	-	ND		0.996	0.062	ND		1	0.062
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	NA	0.148	J	1.01	0.057	-		-	-	0.11	J	0.996	0.056	0.078	J	1	0.056
PFOA/PFOS, Total		NA	NA	3.37	J	1.01	0.042	-		-	-	2.5	J	0.996	0.041	2.05	J	1	0.041

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable.
Qualifiers in parantheses are from the data validator

TABLE 1: RI SURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISS4				RISS5				RISS6			
			LAB ID:	L1912447-04				L1912447-08				L1912447-09			
			COLLECTION DATE:	3/27/2019				3/28/2019				3/28/2019			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]												
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035															
Tetrachloroethene	127-18-4	19	1.3	ND		0.00057	0.00022	ND		0.00065	0.00026	ND		0.00048	0.00019
Trichlorofluoromethane	75-69-4	NA	NA	ND		0.0045	0.00079	0.0096		0.0052	0.00091	0.001	J	0.0038	0.00066
Total VOCs		NA	NA	-	-	-	-	0.0096	-	-	-	0.001	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC															
Unknown		NA	NA	-		-	-	-		-	-	0.00217	J	0	0
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	-		-	-	0.00217	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS															
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.22	0.022	ND		0.45	0.045	ND		0.22	0.022
Acenaphthene	83-32-9	100	20	ND		0.15	0.019	0.072	J	0.3	0.039	ND		0.15	0.019
Anthracene	120-12-7	100	100	ND		0.11	0.036	0.2	J	0.22	0.073	ND		0.11	0.036
Benzo(a)anthracene	56-55-3	1	1	0.22		0.11	0.021	0.98		0.22	0.042	0.16		0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	0.22		0.15	0.045	0.86		0.3	0.091	0.16		0.15	0.045
Benzo(b)fluoranthene	205-99-2	1	1	0.34		0.11	0.031	**1.3**		**0.22**	**0.063**	0.21		0.11	0.031
Benzo(ghi)perylene	191-24-2	100	100	0.13	J	0.15	0.022	0.55		0.3	0.044	0.11	J	0.15	0.022
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.094	J	0.11	0.029	0.38		0.22	0.06	0.086	J	0.11	0.03
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.18	0.063	0.33	J	0.37	0.13	ND		0.18	0.064
Carbazole	86-74-8	NA	NA	ND		0.18	0.018	0.12	J	0.37	0.036	0.018	J	0.18	0.018
Chrysene	218-01-9	3.9	1	0.24		0.11	0.019	0.97		0.22	0.039	0.18		0.11	0.019
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.18	0.035	ND		0.37	0.071	ND		0.18	0.035
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.028	J	0.11	0.021	0.12	J	0.22	0.043	0.023	J	0.11	0.021
Dibenzofuran	132-64-9	59	7	ND		0.18	0.017	0.042	J	0.37	0.035	ND		0.18	0.017
Fluoranthene	206-44-0	100	100	0.44		0.11	0.021	1.9		0.22	0.043	0.26		0.11	0.021
Fluorene	86-73-7	100	30	ND		0.18	0.018	0.088	J	0.37	0.036	ND		0.18	0.018
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.13	J	0.15	0.026	**0.56**		**0.3**	**0.052**	0.11	J	0.15	0.026
Naphthalene	91-20-3	100	12	ND		0.18	0.022	ND		0.37	0.045	ND		0.18	0.022
Phenanthrene	85-01-8	100	100	0.16		0.11	0.022	0.94		0.22	0.045	0.12		0.11	0.022
Pyrene	129-00-0	100	100	0.34		0.11	0.018	1.5		0.22	0.037	0.22		0.11	0.018
Total SVOCs		NA	NA	2.342	-	-	-	10.912	-	-	-	1.657	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC															
Unknown		NA	NA	-		-	-	-		-	-	0.182	J	0	0
Unknown		NA	NA	0.45	J	0	0	0.379	J	0	0	0.596	J	0	0
Unknown		NA	NA	0.386	J	0	0	0.34	J	0	0	0.358	J	0	0
Unknown Ketone		NA	NA	-		-	-	-		-	-	0.17	J	0	0
Unknown Organic Acid		NA	NA	-		-	-	-		-	-	0.173	J	0	0
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.636	J	0	0	-	-	-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	0.836	J	0	0	1.36	J	0	0	1.48	J	0	0
ORGANOCHLORINE PESTICIDES BY GC															
4,4'-DDD	72-54-8	13	0.0033	ND		0.00172	0.000613	**0.0161**		**0.00178**	**0.000635**	ND		0.00179	0.000638
4,4'-DDE	72-55-9	8.9	0.0033	0.000502	JIP (J)	0.00172	0.000397	**0.0228**		**0.00178**	**0.000412**	0.00136	JIP (J)	0.00179	0.000413
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00322	0.00138	**0.128**		**0.00334**	**0.00143**	**0.00773**		**0.00335**	**0.00144**
Chlordane	57-74-9	NA	NA	ND		0.014	0.00569	0.105		0.0145	0.0059	ND		0.0145	0.00592
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00215	0.000598	0.0112	IP (J)	0.00223	0.00062	0.00105	JIP (J)	0.00223	0.000623
Delta-BHC	319-86-8	100	0.04	ND		0.00172	0.000336	ND		0.00178	0.000349	ND		0.00179	0.00035
Dieldrin	60-57-1	0.2	0.005	ND		0.00107	0.000537	**0.0236**		**0.00111**	**0.000557**	0.00176	IP (J)	0.00112	0.000559

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830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISS4				RISS5				RISS6			
			LAB ID:	L1912447-04				L1912447-08				L1912447-09			
			COLLECTION DATE:	3/27/2019				3/28/2019				3/28/2019			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]												
ANALYTE	**CAS**	**(mg/kg)**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Heptachlor	76-44-8	2.1	0.042	ND		0.000859	0.000385	0.00159		0.000891	0.000399	ND		0.000894	0.000401
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00322	0.000966	ND		0.00334	0.001	ND		0.00335	0.001
trans-Chlordane	5103-74-2	NA	NA	ND		0.00215	0.000567	0.0161		0.00223	0.000588	0.000961	JIP (J)	0.00223	0.00059
POLYCHLORINATED BIPHENYLS BY GC															
Aroclor 1254	11097-69-1	1	0.1	ND		0.0352	0.00385	ND		0.0359	0.00392	0.00481	J	0.0363	0.00397
Aroclor 1260	11096-82-5	1	0.1	ND		0.0352	0.0065	ND		0.0359	0.00663	0.00701	J	0.0363	0.00671
Aroclor 1268	11100-14-4	1	0.1	ND		0.0352	0.00364	ND		0.0359	0.00372	ND		0.0363	0.00376
PCBs, Total	1336-36-3	1	0.1	ND		0.0352	0.00312	ND		0.0359	0.00319	0.0118	J	0.0363	0.00322
TOTAL METALS															
Aluminum, Total	7429-90-5	NA	NA	4000		8.68	2.34	6400		8.68	2.34	6300		8.9	2.4
Antimony, Total	7440-36-0	NA	NA	0.582	J	4.34	0.33	0.599	J	4.34	0.33	0.943	J	4.45	0.338
Arsenic, Total	7440-38-2	16	13	2.6		0.868	0.181	4.61		0.868	0.18	4.84		0.89	0.185
Barium, Total	7440-39-3	400	350	18.2		0.868	0.151	82		0.868	0.151	46		0.89	0.155
Beryllium, Total	7440-41-7	72	7.2	0.217	J	0.434	0.029	0.191	J	0.434	0.029	0.258	J	0.445	0.029
Cadmium, Total	7440-43-9	4.3	2.5	ND		0.868	0.085	ND		0.868	0.085	ND		0.89	0.087
Calcium, Total	7440-70-2	NA	NA	1190		8.68	3.04	91800		86.8	30.4	12900		8.9	3.11
Chromium, Total	7440-47-3	180	30	5.03		0.868	0.083	10.6		0.868	0.083	11		0.89	0.085
Cobalt, Total	7440-48-4	NA	NA	3.07		1.74	0.144	4.44		1.74	0.144	6		1.78	0.148
Copper, Total	7440-50-8	270	50	8.14		0.868	0.224	17		0.868	0.224	20.1		0.89	0.23
Iron, Total	7439-89-6	NA	NA	9010		4.34	0.784	12200		4.34	0.784	15200		4.45	0.803
Lead, Total	7439-92-1	400	63	58.2		4.34	0.233	**75.7**		**4.34**	**0.233**	**63.5**		**4.45**	**0.238**
Magnesium, Total	7439-95-4	NA	NA	1300		8.68	1.34	11300	(J)	8.68	1.34	4490	(J)	8.9	1.37
Manganese, Total	7439-96-5	2,000	1600	144		0.868	0.138	276		0.868	0.138	335		0.89	0.141
Mercury, Total	7439-97-6	0.81	0.18	0.173	(J)	0.07	0.015	0.089	(J)	0.073	0.015	0.059	J	0.071	0.015
Nickel, Total	7440-02-0	310	30	6.37		2.17	0.21	10.5		2.17	0.21	12.6		2.22	0.215
Potassium, Total	7440-09-7	NA	NA	223		217	12.5	687		217	12.5	485		222	12.8
Selenium, Total	7782-49-2	180	3.9	0.417	J	1.74	0.224	0.72	J	1.74	0.224	0.694	J	1.78	0.23
Sodium, Total	7440-23-5	NA	NA	18.9	J	174	2.74	259	(U)	174	2.73	43.5	J	178	2.8
Vanadium, Total	7440-62-2	NA	NA	11.2		0.868	0.176	16.3		0.868	0.176	13.9		0.89	0.181
Zinc, Total	7440-66-6	10,000	109	48.5		4.34	0.254	104		4.34	0.254	68.3		4.45	0.261
GENERAL CHEMISTRY															
Solids, Total	NONE	NA	NA	90.3		0.1	NA	87.2		0.1	NA	88.5		0.1	NA
PERFLUORINATED ALKYL ACIDS BY ISOTOPE DILUTION			**(ug/kg)**												
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NA	NA	-		-	-	-		-	-	ND		0.859	0.077
Perfluorobutanoic Acid (PFBA)	375-22-4	NA	NA	-		-	-	-		-	-	0.081	J (U)	0.859	0.018
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NA	NA	-		-	-	-		-	-	ND		0.859	0.083
Perfluorodecanoic Acid (PFDA)	335-76-2	NA	NA	-		-	-	-		-	-	0.104	J	0.859	0.062
Perfluorododecanoic Acid (PFDoA)	307-55-1	NA	NA	-		-	-	-		-	-	ND		0.859	0.074
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NA	NA	-		-	-	-		-	-	0.093	J	0.859	0.055
Perfluorohexanoic Acid (PFHxA)	307-24-4	NA	NA	-		-	-	-		-	-	0.067	J	0.859	0.055
Perfluorononanoic Acid (PFNA)	375-95-1	NA	NA	-		-	-	-		-	-	0.085	J	0.859	0.071
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NA	NA	-		-	-	-		-	-	1.12		0.859	0.104
Perfluorooctanoic Acid (PFOA)	335-67-1	NA	NA	-		-	-	-		-	-	0.273	J	0.859	0.035
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	NA	-		-	-	-		-	-	0.079	J	0.859	0.009
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NA	NA	-		-	-	-		-	-	ND		0.859	0.053
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	NA	-		-	-	-		-	-	ND		0.859	0.048
PFOA/PFOS, Total		NA	NA	-		-	-	-		-	-	1.39	J	0.859	0.035

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable.
Qualifiers in parantheses are from the data validator

Data Not Validated

TABLE 2: PREVIOUS INVESTIGATION SURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

PARAMETER	REST. RESIDENTIAL USE SCOs[2]	UNRESTRICTED USE SCOs[1]	SAMPLE 1 (9/11/2015)	SAMPLE 2 (9/11/2015)	SAMPLE 3 (9/11/2015)	SAMPLE 4 (9/11/2015)
Metals, Total						
Arsenic	16	13	3.9	2.7	4.9	4.8
Barium	400	350	114	24.3	116	71.9
Cadmium	4.3	2.5	0.69	ND	0.37	ND
Chromium	180	30	8.53	6.87	12.5	10.7
Lead	400	63	**360**	15.6	**244**	**167**
Mercury	0.81	0.18	0.18	ND	**0.64**	**0.62**
Semi-Volatile Organic Compounds						
Benz(a)anthracene	1	1	ND	ND	0.28	0.27
Benzo(a)pyrene	1	1	ND	ND	0.27	0.28
Benzo(b)fluoranthene	1	1	ND	ND	0.33	0.31
Benzo(ghi)perylene	100	100	ND	ND	0.35	0.34
Benzo(k)fluoranthene	3.9	0.8	ND	ND	0.3	0.29
Chrysene	3.9	1	ND	ND	0.32	0.3
Fluoranthene	100	100	ND	ND	0.63	0.51
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	ND	0.28	0.28
Phenanthrene	100	100	ND	ND	0.35	0.25
Pyrene	100	100	ND	ND	0.53	0.47

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.

(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.

ND=Not detected above the laboratory method detection limit.

Data Not Validated

TABLE 3: PREVIOUS INVESTIGATION SURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

Parameter	Res. Rsdnt'l Use SCOs[2]	Unrestricted Use SCOs[1]	SS3 (8/7/2017)	SS4 (8/7/2017)	SS5 (8/7/2017)	SS6 (8/7/2017)	SS7 (8/7/2017)	SS8 (8/7/2017)	SS9 (8/7/2017)	SS10 (8/7/2017)	SS11 (8/7/2017)	SS12 (8/7/2017)	SS13 (8/7/2017)	SS14 (8/7/2017)	SS15 (8/7/2017)	SS16 (8/7/2017)	SS17 (8/7/2017)	SS18 (8/7/2017)	SS19 (8/7/2017)	SS-21 (8/7/2017)
Metals																				
Aluminum	NS	NS	7,040	5,950	6,530	6,030	10,300	4,620	4,920	6,170	6,270	5,520	5,000	4,680	7,010	6,220	9,040	4,280	5,610	5,920
Arsenic	16	13	4.04	3.47	5.18	4.08	6.35	2.12	1.69	4.13	1.49	3.91	5.42	ND	7.84	2.54	5	**13.4**	3.64	4.04
Barium	400	350	65.7	68.6	173	288	85.8	28.1	18.6	68.5	21.4	63.8	53.4	23.3	102	66.8	219	176	75.8	79.7
Beryllium	72	7.2	0.36	0.31	0.36	0.35	0.61	0.27	0.3	0.35	0.33	0.33	0.3	ND	0.43	0.35	0.47	0.4	0.36	0.36
Cadmium	4.3	2.5	0.71	0.57	1.12	0.93	0.97	0.34	ND	0.52	ND	0.44	2.06	ND	0.67	0.46	0.69	1.33	0.6	ND
Calcium	NS	NS	9,460	5,920	4,200	8,800	10,200	5,800	591	2,760	296	1,640	11,400	341	1,670	30,400	53,700	49,800	23,800	13,800
Chromium	180	30	10.7	10	13.5	11.2	16.9	5.77	6.04	10.3	6.18	8.82	8	4.74	13.4	8.8	15.1	26.4	10.9	12.8
Cobalt	NS	NS	5.38	4.95	5.14	4.06	10.6	3.25	3.76	4.04	3.98	3.93	4.52	2.74	4.52	4.98	6.49	5.47	5.56	6.22
Copper	270	50	22.7	21.7	37.3	35.5	32.1	10.2	9.1	32.4	8.42	23.5	30.7	5.75	**59.6**	15.7	24.9	47.5	29.5	20.7
Iron	NS	NS	14,700	11,300	21,600	11,100	24,900	9,290	9,720	11,100	10,500	10,400	10,600	7,120	10,700	10,400	16,100	12,500	12,400	12,700
Lead	400	63	**95.7**	**145**	**274**	**485**	**105**	33.2	15	**154**	3.73	**144**	**115**	6.61	**328**	**79.7**	**103**	**640**	**187**	**257**
Magnesium	NS	NS	3,680	3,130	2,040	1,610	9,350	4,220	1,360	1,880	1,560	1,250	2,970	794	1,370	3,630	10,900	24,800	12,500	5,970
Manganese	2,000	1,600	536	219	311	209	395	164	193	243	158	211	210	267	309	224	426	213	255	276
Mercury	0.81	0.18	**0.24**	**0.49**	**0.85**	**1.17**	0.06	0.08	0.03	**0.65**	ND	**0.69**	**0.8**	ND	**1.25**	0.09	0.09	**0.41**	**0.48**	0.12
Nickel	310	30	12.7	11.3	11.8	10	26.6	7.46	7.79	9.27	8.42	8.34	11.6	5.32	10.4	10.2	14.8	13.2	11.7	15
Potassium	NS	NS	1,130	850	937	871	2,820	804	833	893	671	668	825	387	614	1,400	2,140	1,300	1,280	1,110
Silver	180	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND
Sodium	NS	NS	60.8	59.9	74.8	135	101	176	202	56.9	77.6	64.2	76	72.7	61.2	177	415	160	124	90.5
Vanadium	NS	NS	16.2	14.7	17.7	15.4	21.6	11.1	11.9	13.9	12.6	14.7	13.1	9.95	17.8	15.6	23.4	14.2	18	20.6
Zinc	10,000	109	95.3	**120**	**238**	**294**	**121**	40.4	25.4	**110**	22.1	101	**151**	17	**185**	**123**	**172**	**300**	**128**	96.2
Semi-Volatile Organic Compounds																				
Acenaphthene	100	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND
Anthracene	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.85	ND
Benz(a)anthracene	1	1	0.29	ND	0.28	ND	ND	ND	ND	ND	ND	ND	0.61	ND	ND	0.42	0.74	ND	**2.2**	0.25
Benzo(a)pyrene	1	1	0.3	ND	0.3	ND	ND	ND	ND	ND	ND	ND	0.74	ND	ND	0.37	0.73	ND	**1.6**	0.38
Benzo(b)fluoranthene	1	1	0.32	ND	0.36	ND	ND	ND	ND	ND	ND	ND	0.88	ND	ND	0.36	0.73	ND	**1.1**	0.32
Benzo(ghi)perylene	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	ND	ND	0.27	0.48	ND	0.88	0.38
Benzo(k)fluoranthene	3.9	0.8	0.3	ND	0.34	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	0.28	0.6	ND	**0.88**	0.32
Bis(2-ethylhexyl)phthalate	NS	NS	ND	ND	1.1	ND	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND
Carbazole	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.46	ND
Chrysene	3.9	1	0.36	0.26	0.4	ND	ND	ND	ND	0.29	ND	ND	0.75	ND	ND	0.45	0.85	ND	**2.4**	0.35
Dibenz(a,h)anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	0.26
Fluoranthene	100	100	0.66	0.41	0.65	0.28	ND	ND	ND	0.47	ND	ND	0.54	ND	0.33	0.93	1.1	ND	5.3	0.56
Fluorene	100	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43	ND	ND	0.28	0.48	ND	**0.96**	0.39
Phenanthrene	100	100	0.29	ND	0.3	ND	ND	ND	ND	0.29	ND	ND	ND	ND	ND	0.53	1	ND	4.2	0.29
Pyrene	100	100	0.58	0.36	0.6	ND	ND	ND	ND	0.42	ND	ND	0.57	ND	0.28	0.77	0.9	ND	4	0.5

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375
All values are shown in parts per million.
ND=Not detected above the laboratory method detection limit.
NS=No Standard

TABLE 4: RI SUB-SLAB SOIL SAMPLING ANALYTICAL RESULTS SUMMARY
SOIL BENEATH BUILDING BASEMENT FLOOR SLABS
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RIHA1_0-1.5				FD01_190326 (RIHA1_0-1.5)				RIHA2_0-1.5				RIHA3_0-1.5				RIHA4_0-2			
			LAB ID:	L1911987-02				L1911987-05				L1911987-03				L1911987-04				L1912448-01			
			COLLECTION DATE:	3/26/2019				3/26/2019				3/26/2019				3/26/2019				3/28/2019			
			SAMPLE DEPTH (Ft.)[3]:	0-1.5				0-1.5				0-1.5				0-1.5				0-2			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																							
Acetone	67-64-1	100	0.05	ND		0.01	0.0049	0.0088	J (U)	0.01	0.0049	ND		0.0088	0.0042	0.019		0.01	0.0048	0.0061	J	0.012	0.0058
Tetrachloroethene	127-18-4	19	1.3	0.0031		0.00051	0.0002	0.0023		0.00051	0.0002	0.00078		0.00044	0.00017	0.00074		0.0005	0.0002	0.00025	J	0.0006	0.00024
Total VOCs		NA	NA	0.0031	-	-	-	0.0111	-	-	-	0.00078	-	-	-	0.01974	-	-	-	0.00635	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																							
Unknown		NA	NA	-		-	-	0.00338	J	0	0	-		-	-	0.0028	J	0	0	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	0.00338	J	0	0	-		-	-	0.0028	J	0	0	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS (None Detected Above the Laboratory's Method Detection Limits)																							
SEMIVOLATILE ORGANICS BY GC/MS-TIC																							
Unknown		NA	NA	-	-	-	-	0.26	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	0.166	J	0	0	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	0.166	J	0	0	0.26	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
ORGANOCHLORINE PESTICIDES BY GC																							
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.0018	0.000416	ND		0.00182	0.000422	ND	(U)	0.00181	0.000419	ND		0.00179	0.000414	0.000625	JP (J)	0.00162	0.000375
POLYCHLORINATED BIPHENYLS BY GC (None Detecetd Above the Laboratory's Method Detection Limits)																							
TOTAL METALS																							
Aluminum, Total	7429-90-5	NA	NA	2890		8.65	2.34	2160		8.91	2.4	2550		9.11	2.46	2490		8.51	2.3	2440		8.18	2.21
Antimony, Tota	7440-36-0	NA	NA	0.329	J	4.32	0.329	ND	(UJ)	4.46	0.338	ND	(UJ)	4.55	0.346	0.332	J	4.25	0.323	ND		4.09	0.311
Arsenic, Total	7440-38-2	16	13	1.8		0.865	0.18	1.63		0.891	0.185	1.88		0.911	0.189	2.2		0.851	0.177	2.46		0.818	0.17
Barium, Total	7440-39-3	400	350	8.15		0.865	0.15	5.96		0.891	0.155	9.69		0.911	0.158	9.74		0.851	0.148	9.27		0.818	0.142
Beryllium, Tota	7440-41-7	72	7.2	0.156	J	0.432	0.029	0.116	J	0.446	0.029	0.164	J	0.455	0.03	0.179	J	0.425	0.028	0.082	J	0.409	0.027
Cadmium, Tota	7440-43-9	4.3	2.5	0.476	J	0.865	0.085	0.508	J	0.891	0.087	0.574	J	0.911	0.089	0.613	J	0.851	0.083	ND		0.818	0.08
Calcium, Total	7440-70-2	NA	NA	754		8.65	3.03	576		8.91	3.12	1400		9.11	3.19	907		8.51	2.98	34200		8.18	2.86
Chromium, Tota	7440-47-3	180	30	4.34		0.865	0.083	3.39		0.891	0.086	4.19		0.911	0.087	3.8		0.851	0.082	3.58		0.818	0.079
Cobalt, Total	7440-48-4	NA	NA	3.1		1.73	0.144	2.79		1.78	0.148	3.06		1.82	0.151	3.15		1.7	0.141	2.56		1.64	0.136
Copper, Total	7440-50-8	270	50	8.16		0.865	0.223	6.34		0.891	0.23	10.6		0.911	0.235	8.54		0.851	0.22	8.37		0.818	0.211
Iron, Total	7439-89-6	NA	NA	8100		4.32	0.781	6200		4.46	0.804	7600		4.55	0.822	7240		4.25	0.768	7130		4.09	0.739
Lead, Total	7439-92-1	400	63	3.22	J	4.32	0.232	2.89	J	4.46	0.239	5.9		4.55	0.244	3.66	J	4.25	0.228	3.09	J	4.09	0.219
Magnesium, Tota	7439-95-4	NA	NA	1180		8.65	1.33	940		8.91	1.37	1150		9.11	1.4	1090		8.51	1.31	1760	(J)	8.18	1.26
Manganese, Tota	7439-96-5	2,000	1600	140		0.865	0.138	116		0.891	0.142	65.2		0.911	0.145	152		0.851	0.135	218		0.818	0.13
Nickel, Total	7440-02-0	310	30	6.74		2.16	0.209	5.65		2.23	0.216	6.82		2.28	0.22	7.43		2.13	0.206	5.99		2.05	0.198
Potassium, Total	7440-09-7	NA	NA	245		216	12.4	191	J	223	12.8	242		228	13.1	278		213	12.2	271		205	11.8
Selenium, Tota	7782-49-2	180	3.9	ND		1.73	0.223	ND		1.78	0.23	ND		1.82	0.235	ND		1.7	0.22	0.622	J	1.64	0.211
Sodium, Total	7440-23-5	NA	NA	19.4	J (U)	173	2.72	17	J (U)	178	2.81	30.8	J (U)	182	2.87	33	J (U)	170	2.68	70.4	J	164	2.58
Vanadium, Tota	7440-62-2	NA	NA	6.96		0.865	0.176	5.73		0.891	0.181	7.1		0.911	0.185	6.65		0.851	0.173	6.89		0.818	0.166
Zinc, Total	7440-66-6	10,000	109	19.8	(J)	4.32	0.253	17.9	(J)	4.46	0.261	27.7	(J)	4.55	0.267	23.4	(J)	4.25	0.249	18		4.09	0.24
GENERAL CHEMISTRY																							
Solids, Total	NONE	NA	NA	86.8		0.1	NA	86.8		0.1	NA	86.8		0.1	NA	89.3		0.1	NA	93.9		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 37
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 37
(2) Sampling depth is feet beneath the building's basement floor sla
NA denotes Not Applicable
Qualifiers in parantheses are from the data validato

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB1_2-4				RISB1_10-12				RISB2_2-4				FD01_190319 (RISB2_2-4)			
			LAB ID:	L1910553-01				L1910554-01				L1910853-11				L1910853-14			
			COLLECTION DATE:	3/18/2019				3/18/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				10-12				2-4				2-4			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.00096	0.00023	ND	(UJ)	0.001	0.00024	ND		0.0011	0.00026	ND	(UJ)	0.0012	0.00029
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.0019	0.00014	ND	(UJ)	0.002	0.00015	ND		0.0022	0.00016	ND		0.0025	0.00018
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.0019	0.00014	ND	(UJ)	0.002	0.00015	ND		0.0022	0.00016	ND		0.0025	0.00018
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.0019	0.00016	ND	(UJ)	0.002	0.00017	ND		0.0022	0.00019	ND		0.0025	0.00021
Acetone	67-64-1	100	0.05	ND		0.0096	0.0046	ND		0.01	0.0049	ND		0.011	0.0053	ND		0.012	0.0059
Benzene	71-43-2	4.8	0.06	ND		0.00048	0.00016	ND	(UJ)	0.00051	0.00017	ND		0.00055	0.00018	ND		0.00062	0.0002
Bromodichloromethane	75-27-4	NA	NA	ND		0.00048	0.0001	ND		0.00051	0.00011	ND		0.00055	0.00012	ND		0.00062	0.00013
Chlorobenzene	108-90-7	100	1.1	ND		0.00048	0.00012	ND		0.00051	0.00013	ND		0.00055	0.00014	ND		0.00062	0.00016
Chloroform	67-66-3	49	0.37	ND		0.0014	0.00013	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0018	0.00017
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.00096	0.00017	ND	(UJ)	0.001	0.00018	ND		0.0011	0.00019	ND		0.0012	0.00022
Ethylbenzene	100-41-4	41	1	ND		0.00096	0.00014	ND		0.001	0.00014	ND		0.0011	0.00016	ND		0.0012	0.00017
Methyl Acetate	79-20-9	NA	NA	ND		0.0038	0.00091	ND		0.0041	0.00097	ND		0.0044	0.001	ND		0.0049	0.0012
o-Xylene	95-47-6	100	0.26	ND		0.00096	0.00028	ND		0.001	0.0003	ND		0.0011	0.00032	ND		0.0012	0.00036
p/m-Xylene	179601-23-1	100	0.26	ND		0.0019	0.00054	ND	(UJ)	0.002	0.00057	ND		0.0022	0.00062	ND		0.0025	0.00069
Tetrachloroethene	127-18-4	19	1.3	ND		0.00048	0.00019	ND	(UJ)	0.00051	0.0002	0.0065	(J)	0.00055	0.00022	0.0038	(J)	0.00062	0.00024
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0014	0.00013	ND	(UJ)	0.0015	0.00014	ND		0.0016	0.00015	ND	(UJ)	0.0018	0.00017
Trichloroethene	79-01-6	21	0.47	ND		0.00048	0.00013	ND	(UJ)	0.00051	0.00014	ND		0.00055	0.00015	ND		0.00062	0.00017
Vinyl chloride	75-01-4	0.9	0.02	ND	(UJ)	0.00096	0.00032	ND		0.001	0.00034	ND		0.0011	0.00037	ND		0.0012	0.00041
Total VOCs		NA	NA	-		-	-	-	-	-	-	0.0065	-	-	-	0.0038	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
1-Pentene	000109-67-1	NA	NA	0.00345	NJ	0	0	-		-	-	-	-	-	-	-		-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Pentadecane	000629-62-9	NA	NA	-	-	-	-	0.0026	NJ	0	0	-	-	-	-	-		-	-
Undecane	001120-21-4	NA	NA	-		-	-	0.0034	NJ	0	0	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown		NA	NA	-	-	-	-	0.00263	J	0	0	-	-	-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown		NA	NA	-	-	-	-	0.00567	J	0	0	-	-	-	-	-		-	-
Unknown		NA	NA	-	-	-	-	0.0027	J	0	0	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	0.00275	J	0	0	-	-	-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Aromatic		NA	NA	-	-	-	-	0.00399	J	0	0	-	-	-	-	-		-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.00805	J	0	0
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Total TIC Compounds		NA	NA	0.00345	J (NJ)	0	0	0.0237	J	0	0	-		-	-	0.00805	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.84	0.081	ND		0.86	0.084	ND		0.89	0.087	ND		0.9	0.087
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.21	0.021	ND		0.22	0.022	ND		0.22	0.022	ND		0.22	0.022
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.25	0.027	ND		0.26	0.028	ND		0.27	0.029	ND		0.27	0.029
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	ND		0.14	0.019	ND		0.15	0.019	ND		0.15	0.019
Acenaphthylene	208-96-8	100	100	ND		0.14	0.027	ND		0.14	0.028	ND		0.15	0.029	ND		0.15	0.029
Anthracene	120-12-7	100	100	ND		0.1	0.034	ND		0.11	0.035	ND		0.11	0.036	ND		0.11	0.036
Benzaldehyde	100-52-7	NA	NA	ND		0.23	0.047	ND		0.24	0.048	ND		0.24	0.05	ND		0.25	0.05
Benzo(a)anthracene	56-55-3	1	1	ND		0.1	0.02	ND		0.11	0.02	ND		0.11	0.021	ND		0.11	0.021
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.043	ND		0.14	0.044	ND		0.15	0.045	ND		0.15	0.046
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.1	0.029	ND		0.11	0.03	ND		0.11	0.031	ND		0.11	0.031
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.02	ND		0.14	0.021	ND		0.15	0.022	ND		0.15	0.022
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.028	ND		0.11	0.029	ND		0.11	0.03	ND		0.11	0.03
Biphenyl	92-52-4	NA	NA	ND		0.4	0.04	ND		0.41	0.042	ND		0.42	0.043	ND		0.42	0.043
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.17	0.06	ND		0.18	0.062	0.084	J	0.19	0.064	ND		0.19	0.065
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.17	0.044	ND		0.18	0.045	ND		0.19	0.047	ND		0.19	0.047
Carbazole	86-74-8	NA	NA	ND		0.17	0.017	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.018
Chrysene	218-01-9	3.9	1	ND		0.1	0.018	ND		0.11	0.019	ND		0.11	0.019	ND		0.11	0.019
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.17	0.033	ND		0.18	0.034	ND		0.19	0.035	ND		0.19	0.035

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB1_2-4				RISB1_10-12				RISB2_2-4				FD01_190319 (RISB2_2-4)			
			LAB ID:	L1910553-01				L1910554-01				L1910853-11				L1910853-14			
			COLLECTION DATE:	3/18/2019				3/18/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				10-12				2-4				2-4			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.022	ND		0.11	0.022
Dibenzofuran	132-64-9	59	7	ND		0.17	0.016	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.018
Fluoranthene	206-44-0	100	100	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.021	ND		0.11	0.021
Fluorene	86-73-7	100	30	ND		0.17	0.017	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.018
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.024	ND		0.14	0.025	ND		0.15	0.026	ND		0.15	0.026
Naphthalene	91-20-3	100	12	ND		0.17	0.021	ND		0.18	0.022	ND		0.19	0.023	ND		0.19	0.023
Phenanthrene	85-01-8	100	100	ND		0.1	0.021	ND		0.11	0.022	ND		0.11	0.023	ND		0.11	0.023
Pyrene	129-00-0	100	100	ND		0.1	0.017	ND		0.11	0.018	ND		0.11	0.018	ND		0.11	0.018
Total SVOCs		NA	NA	-	-	-	-	-	-	-	-	0.084	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	1	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Amide		NA	NA	0.244	J	0	0	-		-	-	0.586	J	0	0	0.478	J	0	0
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.244	J	0	0	1	J	0	0	0.586	J	0	0	0.478	J	0	0
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00164	0.000586	ND		0.00172	0.000612	ND		0.00177	0.000632	ND		0.00179	0.000639
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00164	0.00038	ND		0.00172	0.000397	ND		0.00177	0.00041	ND		0.00179	0.000414
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00308	0.00132	ND		0.00322	0.00138	ND		0.00332	0.00142	ND		0.00336	0.00144
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000684	0.000194	ND		0.000715	0.000203	ND		0.000738	0.00021	ND		0.000746	0.000212
Chlordane	57-74-9	NA	NA	ND		0.0133	0.00544	ND		0.0139	0.00568	ND		0.0144	0.00587	ND		0.0146	0.00593
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00205	0.000572	ND		0.00214	0.000597	ND		0.00221	0.000617	ND		0.00224	0.000624
Dieldrin	60-57-1	0.2	0.005	ND		0.00103	0.000513	ND		0.00107	0.000536	ND		0.00111	0.000554	ND		0.00112	0.00056
Endosulfan II	33213-65-9	24	2.4	ND		0.00164	0.000549	ND		0.00172	0.000573	ND		0.00177	0.000592	ND		0.00179	0.000598
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00308	0.000924	ND		0.00322	0.000965	ND		0.00332	0.000997	ND		0.00336	0.00101
trans-Chlordane	5103-74-2	NA	NA	ND		0.00205	0.000542	ND		0.00214	0.000566	ND		0.00221	0.000585	ND		0.00224	0.000591
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.0346	0.00466	ND		0.0351	0.00474	ND		0.0364	0.00491	ND		0.0372	0.00501
Aroclor 1254	11097-69-1	1	0.1	ND		0.0346	0.00378	ND		0.0351	0.00384	ND		0.0364	0.00399	ND		0.0372	0.00407
Aroclor 1260	11096-82-5	1	0.1	ND		0.0346	0.00639	ND		0.0351	0.00649	ND		0.0364	0.00673	ND		0.0372	0.00687
Aroclor 1268	11100-14-4	1	0.1	ND		0.0346	0.00358	ND		0.0351	0.00364	ND		0.0364	0.00377	ND		0.0372	0.00385
PCBs, Total	1336-36-3	1	0.1	ND		0.0346	0.00307	ND		0.0351	0.00312	ND		0.0364	0.00324	ND		0.0372	0.0033

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB1_2-4				RISB1_10-12				RISB2_2-4				FD01_190319 (RISB2_2-4)			
			LAB ID:	L1910553-01				L1910554-01				L1910853-11				L1910853-14			
			COLLECTION DATE:	3/18/2019				3/18/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				10-12				2-4				2-4			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	6070		7.97	2.15	3070		8.55	2.31	5360		8.54	2.31	5900		8.98	2.42
Antimony, Total	7440-36-0	NA	NA	0.359	J	3.98	0.303	ND		4.27	0.325	ND		4.27	0.324	ND		4.49	0.341
Arsenic, Total	7440-38-2	16	13	1.9		0.797	0.166	1.39		0.855	0.178	2.79		0.854	0.178	2.95		0.898	0.187
Barium, Total	7440-39-3	400	350	24	(J)	0.797	0.139	9.82		0.855	0.149	32.7		0.854	0.149	41.8		0.898	0.156
Beryllium, Total	7440-41-7	72	7.2	0.279	J	0.398	0.026	0.214	J	0.427	0.028	0.248	J	0.427	0.028	0.251	J	0.449	0.03
Cadmium, Total	7440-43-9	4.3	2.5	0.199	J	0.797	0.078	ND		0.855	0.084	0.162	J	0.854	0.084	0.18	J	0.898	0.088
Calcium, Total	7440-70-2	NA	NA	522		7.97	2.79	899		8.55	2.99	4520	(J)	8.54	2.99	7860	(J)	8.98	3.14
Chromium, Total	7440-47-3	180	30	5.11		0.797	0.077	3.97		0.855	0.082	5.99		0.854	0.082	6.79		0.898	0.086
Cobalt, Total	7440-48-4	NA	NA	2.96	(J)	1.59	0.132	3.29		1.71	0.142	3.06		1.71	0.142	3.4		1.8	0.149
Copper, Total	7440-50-8	270	50	6.62	(J)	0.797	0.206	9.65		0.855	0.22	9.74		0.854	0.22	11.1		0.898	0.232
Iron, Total	7439-89-6	NA	NA	9150		3.98	0.72	8960		4.27	0.772	9790		4.27	0.771	10200		4.49	0.811
Lead, Total	7439-92-1	400	63	4.73	(J)	3.98	0.214	3.44	J	4.27	0.229	23.8	(J)	4.27	0.229	29.1	(J)	4.49	0.241
Magnesium, Total	7439-95-4	NA	NA	1220	(J)	7.97	1.23	1220		8.55	1.32	1610	(J)	8.54	1.32	1740	(J)	8.98	1.38
Manganese, Total	7439-96-5	2,000	1600	155	(J)	0.797	0.127	241		0.855	0.136	359		0.854	0.136	367		0.898	0.143
Mercury, Total	7439-97-6	0.81	0.18	ND	(UJ)	0.067	0.014	ND	(UJ)	0.075	0.016	0.142		0.072	0.015	0.17		0.071	0.015
Nickel, Total	7440-02-0	310	30	7.07		1.99	0.193	7.22		2.14	0.207	5.68		2.14	0.207	6.17		2.24	0.217
Potassium, Total	7440-09-7	NA	NA	212	(J)	199	11.5	251		214	12.3	341	(J)	214	12.3	366	(J)	224	12.9
Selenium, Total	7782-49-2	180	3.9	ND		1.59	0.206	ND		1.71	0.22	0.393	J	1.71	0.22	0.305	J	1.8	0.232
Silver, Total	7440-22-4	180	2	ND		0.797	0.226	ND		0.855	0.242	ND		0.854	0.242	ND		0.898	0.254
Sodium, Total	7440-23-5	NA	NA	28.4	J	159	2.51	28.6	J (U)	171	2.69	56	J	171	2.69	79.8	J	180	2.83
Thallium, Total	7440-28-0	NA	NA	ND		1.59	0.251	ND		1.71	0.269	0.342	J	1.71	0.269	0.341	J	1.8	0.283
Vanadium, Total	7440-62-2	NA	NA	10.4		0.797	0.162	8.34		0.855	0.174	11.3		0.854	0.173	12.4		0.898	0.182
Zinc, Total	7440-66-6	10,000	109	24.2	(J)	3.98	0.234	22.9		4.27	0.25	30.5	(J)	4.27	0.25	38.9	(J)	4.49	0.263
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.847	0.169	ND		0.875	0.175	ND		0.902	0.18	ND		0.905	0.181
Cyanide, Total	57-12-5	27	27	ND	(UJ)	0.98	0.21	ND	(UJ)	1.1	0.23	ND		1	0.22	ND		1.1	0.23
Solids, Total	NONE	NA	NA	94.4		0.1	NA	91.4		0.1	NA	88.7		0.1	NA	88.4		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB3_2-4				RISB4_2-4				RISB4_4-6				RISB4_6-8			
			LAB ID:	L1910853-07				L1910853-01				L1910853-02				L1912498-01			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.0012	0.00029	ND		0.00098	0.00023	-		-	-	-		-	-
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.0025	0.00018	ND		0.002	0.00014	-		-	-	-		-	-
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.0025	0.00018	ND		0.002	0.00014	-		-	-	-		-	-
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.0025	0.00021	ND		0.002	0.00017	-		-	-	-		-	-
Acetone	67-64-1	100	0.05	**0.086**		**0.012**	**0.006**	0.0083	J (U)	0.0098	0.0047	-		-	-	-		-	-
Benzene	71-43-2	4.8	0.06	ND		0.00062	0.0002	ND		0.00049	0.00016	-		-	-	-		-	-
Bromodichloromethane	75-27-4	NA	NA	ND		0.00062	0.00013	ND		0.00049	0.00011	-		-	-	-		-	-
Chlorobenzene	108-90-7	100	1.1	ND		0.00062	0.00016	ND		0.00049	0.00012	-		-	-	-		-	-
Chloroform	67-66-3	49	0.37	ND		0.0018	0.00017	ND		0.0015	0.00014	-		-	-	-		-	-
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.0012	0.00022	ND		0.00098	0.00017	-		-	-	-		-	-
Ethylbenzene	100-41-4	41	1	0.0022		0.0012	0.00017	ND		0.00098	0.00014	-		-	-	-		-	-
Methyl Acetate	79-20-9	NA	NA	ND		0.005	0.0012	ND		0.0039	0.00093	-		-	-	-		-	-
o-Xylene	95-47-6	100	0.26	0.0042		0.0012	0.00036	ND		0.00098	0.00028	-		-	-	-		-	-
p/m-Xylene	179601-23-1	100	0.26	0.012		0.0025	0.00069	ND		0.002	0.00055	-		-	-	-		-	-
Tetrachloroethene	127-18-4	19	1.3	0.029		0.00062	0.00024	0.0011		0.00049	0.00019	-		-	-	-		-	-
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0018	0.00017	ND		0.0015	0.00013	-		-	-	-		-	-
Trichloroethene	79-01-6	21	0.47	ND		0.00062	0.00017	ND		0.00049	0.00013	-		-	-	-		-	-
Vinyl chloride	75-01-4	0.9	0.02	ND		0.0012	0.00041	ND		0.00098	0.00033	-		-	-	-		-	-
Total VOCs		NA	NA	0.1334	-	-	-	0.0094	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentadecane	000629-62-9	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.00442	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	0.00521	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	0.00251	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aromatic		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	0.0121	J	0	0	-		-	-	-		-	-	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.86	0.084	ND		0.86	0.083	-		-	-	-		-	-
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.22	0.022	ND		0.21	0.022	-		-	-	-		-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.26	0.028	ND		0.26	0.028	-		-	-	-		-	-
Acenaphthene	83-32-9	100	20	ND		0.14	0.019	ND		0.14	0.018	-		-	-	-		-	-
Acenaphthylene	208-96-8	100	100	ND		0.14	0.028	ND		0.14	0.028	-		-	-	-		-	-
Anthracene	120-12-7	100	100	ND		0.11	0.035	ND		0.11	0.035	-		-	-	-		-	-
Benzaldehyde	100-52-7	NA	NA	ND		0.24	0.048	ND		0.24	0.048	-		-	-	-		-	-
Benzo(a)anthracene	56-55-3	1	1	ND		0.11	0.02	0.023	J	0.11	0.02	-		-	-	-		-	-
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.044	ND		0.14	0.044	-		-	-	-		-	-
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.11	0.03	0.032	J	0.11	0.03	-		-	-	-		-	-
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.021	ND		0.14	0.021	-		-	-	-		-	-
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.11	0.029	ND		0.11	0.028	-		-	-	-		-	-
Biphenyl	92-52-4	NA	NA	ND		0.41	0.042	ND		0.41	0.041	-		-	-	-		-	-
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.18	0.062	0.15	J	0.18	0.062	-		-	-	-		-	-
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.18	0.045	ND		0.18	0.045	-		-	-	-		-	-
Carbazole	86-74-8	NA	NA	ND		0.18	0.017	ND		0.18	0.017	-		-	-	-		-	-
Chrysene	218-01-9	3.9	1	ND		0.11	0.019	0.024	J	0.11	0.018	-		-	-	-		-	-
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.18	0.034	ND		0.18	0.034	-		-	-	-		-	-

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830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB3_2-4				RISB4_2-4				RISB4_4-6				RISB4_6-8			
			LAB ID:	L1910853-07				L1910853-01				L1910853-02				L1912498-01			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.11	0.021	ND		0.11	0.021	-		-	-	-		-	-
Dibenzofuran	132-64-9	59	7	ND		0.18	0.017	ND		0.18	0.017	-		-	-	-		-	-
Fluoranthene	206-44-0	100	100	ND		0.11	0.021	0.039	J	0.11	0.02	-		-	-	-		-	-
Fluorene	86-73-7	100	30	ND		0.18	0.017	ND		0.18	0.017	-		-	-	-		-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.025	ND		0.14	0.025	-		-	-	-		-	-
Naphthalene	91-20-3	100	12	ND		0.18	0.022	ND		0.18	0.022	-		-	-	-		-	-
Phenanthrene	85-01-8	100	100	ND		0.11	0.022	ND		0.11	0.022	-		-	-	-		-	-
Pyrene	129-00-0	100	100	ND		0.11	0.018	0.035	J	0.11	0.018	-		-	-	-		-	-
Total SVOCs		NA	NA	-	-	-	-	0.303	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.175	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	0.193	J	0	0	0.159	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.157	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.175	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	0.216	J	0	0	0.208	J	0	0	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	0.15	J	0	0	0.164	J	0	0	-		-	-	-		-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.559	J	0	0	1.04	J	0	0	-		-	-	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00173	0.000617	ND		0.00173	0.000618	ND		0.00168	0.000599	ND		0.00184	0.000656
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00173	0.0004	ND		0.00173	0.000401	0.000965	J	0.00168	0.000388	ND		0.00184	0.000426
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00324	0.00139	**0.00334**		**0.00325**	**0.00139**	**0.00534**		**0.00315**	**0.00135**	0.00174	JP (J)	0.00345	0.00148
Alpha-BHC	319-84-6	0.48	0.02	ND		0.00072	0.000205	ND		0.000722	0.000205	ND		0.0007	0.000199	ND		0.000767	0.000218
Chlordane	57-74-9	NA	NA	ND		0.014	0.00573	ND		0.0141	0.00574	ND		0.0136	0.00556	ND		0.015	0.0061
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00216	0.000602	ND		0.00217	0.000604	0.0023		0.0021	0.000585	ND		0.0023	0.000641
Dieldrin	60-57-1	0.2	0.005	ND		0.00108	0.00054	ND		0.00108	0.000542	0.00108		0.00105	0.000525	ND		0.00115	0.000575
Endosulfan II	33213-65-9	24	2.4	ND		0.00173	0.000578	ND		0.00173	0.000579	ND		0.00168	0.000561	ND		0.00184	0.000615
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00324	0.000973	ND		0.00325	0.000975	ND		0.00315	0.000944	ND		0.00345	0.00104
trans-Chlordane	5103-74-2	NA	NA	ND		0.00216	0.00057	ND		0.00217	0.000572	0.00218		0.0021	0.000554	ND		0.0023	0.000607
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.036	0.00486	0.018	J	0.0361	0.00486	-		-	-	-		-	-
Aroclor 1254	11097-69-1	1	0.1	ND		0.036	0.00394	ND		0.0361	0.00394	-		-	-	-		-	-
Aroclor 1260	11096-82-5	1	0.1	ND		0.036	0.00666	ND		0.0361	0.00666	-		-	-	-		-	-
Aroclor 1268	11100-14-4	1	0.1	ND		0.036	0.00373	ND		0.0361	0.00374	-		-	-	-		-	-
PCBs, Total	1336-36-3	1	0.1	ND		0.036	0.0032	0.018	J	0.0361	0.0032	-		-	-	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB3_2-4				RISB4_2-4				RISB4_4-6				RISB4_6-8			
			LAB ID:	L1910853-07				L1910853-01				L1910853-02				L1912498-01			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	3960		8.19	2.21	3990		8.49	2.29	-		-	-	-		-	-
Antimony, Total	7440-36-0	NA	NA	ND		4.1	0.311	ND		4.24	0.323	-		-	-	-		-	-
Arsenic, Total	7440-38-2	16	13	2.15		0.819	0.17	2.6		0.849	0.177	-		-	-	-		-	-
Barium, Total	7440-39-3	400	350	9.34		0.819	0.142	28.5		0.849	0.148	-		-	-	-		-	-
Beryllium, Total	7440-41-7	72	7.2	0.18	J	0.41	0.027	0.212	J	0.424	0.028	-		-	-	-		-	-
Cadmium, Total	7440-43-9	4.3	2.5	0.139	J	0.819	0.08	0.187	J	0.849	0.083	-		-	-	-		-	-
Calcium, Total	7440-70-2	NA	NA	504		8.19	2.87	985		8.49	2.97	-		-	-	-		-	-
Chromium, Total	7440-47-3	180	30	4.66		0.819	0.079	5.26		0.849	0.082	-		-	-	-		-	-
Cobalt, Total	7440-48-4	NA	NA	3.1		1.64	0.136	3.69		1.7	0.141	-		-	-	-		-	-
Copper, Total	7440-50-8	270	50	6.85		0.819	0.211	8.7		0.849	0.219	-		-	-	-		-	-
Iron, Total	7439-89-6	NA	NA	8950		4.1	0.74	9870		4.24	0.767	-		-	-	-		-	-
Lead, Total	7439-92-1	400	63	2.67	J	4.1	0.22	16.8	(J)	4.24	0.228	-		-	-	-		-	-
Magnesium, Total	7439-95-4	NA	NA	1230	(J)	8.19	1.26	1280	(J)	8.49	1.31	-		-	-	-		-	-
Manganese, Total	7439-96-5	2,000	1600	182		0.819	0.13	381		0.849	0.135	-		-	-	-		-	-
Mercury, Total	7439-97-6	0.81	0.18	ND		0.068	0.014	0.044	J	0.068	0.014	-		-	-	-		-	-
Nickel, Total	7440-02-0	310	30	6.14		2.05	0.198	6.59		2.12	0.206	-		-	-	-		-	-
Potassium, Total	7440-09-7	NA	NA	336	(J)	205	11.8	426	(J)	212	12.2	-		-	-	-		-	-
Selenium, Total	7782-49-2	180	3.9	ND		1.64	0.211	ND		1.7	0.219	-		-	-	-		-	-
Silver, Total	7440-22-4	180	2	ND		0.819	0.232	ND		0.849	0.24	-		-	-	-		-	-
Sodium, Total	7440-23-5	NA	NA	22.6	J	164	2.58	38.5	J	170	2.67	-		-	-	-		-	-
Thallium, Total	7440-28-0	NA	NA	ND		1.64	0.258	0.416	J	1.7	0.267	-		-	-	-		-	-
Vanadium, Total	7440-62-2	NA	NA	9.16		0.819	0.166	10.4		0.849	0.172	-		-	-	-		-	-
Zinc, Total	7440-66-6	10,000	109	18.1	(J)	4.1	0.24	28.1	(J)	4.24	0.249	-		-	-	-		-	-
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.871	0.174	ND		0.87	0.174	-		-	-	-		-	-
Cyanide, Total	57-12-5	27	27	ND		1	0.22	ND		1	0.21	-		-	-	-		-	-
Solids, Total	NONE	NA	NA	91.8		0.1	NA	92		0.1	NA	90.7		0.1	NA	86.2		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB5_2-4				RISB6_2-4				RISB7_2-4				RISB7_4-6			
			LAB ID:	L1910553-04				L1911122-06				L1910853-18				L1910853-19			
			COLLECTION DATE:	3/18/2019				3/20/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.001	0.00024	ND		0.001	0.00024	ND		0.0011	0.00026	-		-	-
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.002	0.00014	ND		0.002	0.00014	ND		0.0022	0.00016	-		-	-
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.002	0.00015	ND		0.002	0.00015	ND		0.0022	0.00016	-		-	-
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.002	0.00017	ND		0.002	0.00017	ND		0.0022	0.00018	-		-	-
Acetone	67-64-1	100	0.05	0.0053	J	0.01	0.0048	0.018		0.01	0.0049	0.0068	J (U)	0.011	0.0052	-		-	-
Benzene	71-43-2	4.8	0.06	ND		0.0005	0.00017	ND		0.00051	0.00017	ND		0.00054	0.00018	-		-	-
Bromodichloromethane	75-27-4	NA	NA	ND		0.0005	0.00011	ND		0.00051	0.00011	ND		0.00054	0.00012	-		-	-
Chlorobenzene	108-90-7	100	1.1	ND		0.0005	0.00013	ND		0.00051	0.00013	ND		0.00054	0.00014	-		-	-
Chloroform	67-66-3	49	0.37	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0016	0.00015	-		-	-
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0011	0.00019	-		-	-
Ethylbenzene	100-41-4	41	1	ND		0.001	0.00014	ND		0.001	0.00014	ND		0.0011	0.00015	-		-	-
Methyl Acetate	79-20-9	NA	NA	ND		0.004	0.00095	ND		0.004	0.00096	ND		0.0043	0.001	-		-	-
o-Xylene	95-47-6	100	0.26	ND		0.001	0.00029	ND		0.001	0.00029	ND		0.0011	0.00031	-		-	-
p/m-Xylene	179601-23-1	100	0.26	ND		0.002	0.00056	ND		0.002	0.00057	ND		0.0022	0.0006	-		-	-
Tetrachloroethene	127-18-4	19	1.3	ND		0.0005	0.0002	0.00058		0.00051	0.0002	0.0096		0.00054	0.00021	-		-	-
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0016	0.00015	-		-	-
Trichloroethene	79-01-6	21	0.47	ND		0.0005	0.00014	ND		0.00051	0.00014	ND		0.00054	0.00015	-		-	-
Vinyl chloride	75-01-4	0.9	0.02	ND		0.001	0.00034	ND		0.001	0.00034	ND		0.0011	0.00036	-		-	-
Total VOCs		NA	NA	0.0053		-	-	0.01858	-	-	-	0.0164	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	0.00286	NJ	0	0	-	-	-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	0.00892	NJ	0	0	0.0452	NJ	0	0	-	-	-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentadecane	000629-62-9	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.0219	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aromatic		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	0.0219	J	0	0	0.00892	J	0	0	0.0481	J	0	0	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.84	0.081	ND		0.81	0.079	ND		0.87	0.085	-		-	-
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.21	0.021	ND		0.2	0.02	ND		0.22	0.022	-		-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.25	0.027	ND		0.24	0.026	ND		0.26	0.028	-		-	-
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	ND		0.13	0.017	ND		0.14	0.019	-		-	-
Acenaphthylene	208-96-8	100	100	ND		0.14	0.027	ND		0.13	0.026	ND		0.14	0.028	-		-	-
Anthracene	120-12-7	100	100	ND		0.1	0.034	ND		0.1	0.033	ND		0.11	0.036	-		-	-
Benzaldehyde	100-52-7	NA	NA	ND		0.23	0.047	ND		0.22	0.046	ND		0.24	0.049	-		-	-
Benzo(a)anthracene	56-55-3	1	1	ND		0.1	0.02	ND		0.1	0.019	0.04	J	0.11	0.02	-		-	-
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.042	ND		0.13	0.041	ND		0.14	0.044	-		-	-
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.1	0.029	ND		0.1	0.028	0.053	J	0.11	0.031	-		-	-
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.02	ND		0.13	0.02	0.031	J	0.14	0.021	-		-	-
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.028	ND		0.1	0.027	ND		0.11	0.029	-		-	-
Biphenyl	92-52-4	NA	NA	ND		0.4	0.04	ND		0.38	0.039	ND		0.42	0.042	-		-	-
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.17	0.06	ND		0.17	0.058	ND		0.18	0.063	-		-	-
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.17	0.044	ND		0.17	0.042	ND		0.18	0.046	-		-	-
Carbazole	86-74-8	NA	NA	ND		0.17	0.017	ND		0.17	0.016	ND		0.18	0.018	-		-	-
Chrysene	218-01-9	3.9	1	ND		0.1	0.018	ND		0.1	0.018	0.039	J	0.11	0.019	-		-	-
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.17	0.033	ND		0.17	0.032	ND		0.18	0.034	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB5_2-4				RISB6_2-4				RISB7_2-4				RISB7_4-6			
			LAB ID:	L1910553-04				L1911122-06				L1910853-18				L1910853-19			
			COLLECTION DATE:	3/18/2019				3/20/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.1	0.02	ND		0.1	0.02	ND		0.11	0.021	-		-	-
Dibenzofuran	132-64-9	59	7	ND		0.17	0.016	ND		0.17	0.016	ND		0.18	0.017	-		-	-
Fluoranthene	206-44-0	100	100	ND		0.1	0.02	ND		0.1	0.019	0.066	J	0.11	0.021	-		-	-
Fluorene	86-73-7	100	30	ND		0.17	0.017	ND		0.17	0.016	ND		0.18	0.018	-		-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.024	ND		0.13	0.024	0.026	J	0.14	0.025	-		-	-
Naphthalene	91-20-3	100	12	ND		0.17	0.021	ND		0.17	0.02	ND		0.18	0.022	-		-	-
Phenanthrene	85-01-8	100	100	ND		0.1	0.021	ND		0.1	0.02	0.031	J	0.11	0.022	-		-	-
Pyrene	129-00-0	100	100	ND		0.1	0.017	ND		0.1	0.017	0.053	J	0.11	0.018	-		-	-
Total SVOCs		NA	NA	-	-	-	-	-	-	-	-	0.339	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	0.31	NJ	0	0	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	0.224	J	0	0	0.229	J	0	0	0.394	J	0	0	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.224	J	0	0	0.229	J	0	0	0.704	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00167	0.000596	ND		0.00158	0.000563	ND		0.00166	0.000592	ND		0.00868	0.0031
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00167	0.000387	ND		0.00158	0.000365	0.000479	JP (J)	0.00166	0.000384	ND		0.00868	0.00201
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00313	0.00134	ND		0.00296	0.00127	**0.00507**		**0.00311**	**0.00134**	ND		0.0163	0.00698
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000697	0.000198	ND		0.000658	0.000187	ND		0.000692	0.000196	ND		0.00362	0.00103
Chlordane	57-74-9	NA	NA	ND		0.0136	0.00554	ND		0.0128	0.00523	ND		0.0135	0.0055	ND		0.0706	0.0288
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00209	0.000582	ND		0.00197	0.00055	ND		0.00208	0.000578	ND		0.0108	0.00302
Dieldrin	60-57-1	0.2	0.005	ND		0.00104	0.000522	ND		0.000987	0.000493	ND		0.00104	0.000519	ND		0.00543	0.00271
Endosulfan II	33213-65-9	24	2.4	ND		0.00167	0.000559	ND		0.00158	0.000528	ND		0.00166	0.000555	ND		0.00868	0.0029
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00313	0.00094	ND		0.00296	0.000888	ND		0.00311	0.000934	ND		0.0163	0.00488
trans-Chlordane	5103-74-2	NA	NA	ND		0.00209	0.000552	ND		0.00197	0.000521	ND		0.00208	0.000548	0.00297	J	0.0108	0.00286
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.0342	0.00461	ND		0.0344	0.00464	ND		0.036	0.00485	-		-	-
Aroclor 1254	11097-69-1	1	0.1	ND		0.0342	0.00374	ND		0.0344	0.00377	ND		0.036	0.00394	-		-	-
Aroclor 1260	11096-82-5	1	0.1	ND		0.0342	0.00632	ND		0.0344	0.00637	ND		0.036	0.00665	-		-	-
Aroclor 1268	11100-14-4	1	0.1	ND		0.0342	0.00354	ND		0.0344	0.00357	ND		0.036	0.00373	-		-	-
PCBs, Total	1336-36-3	1	0.1	ND		0.0342	0.00304	ND		0.0344	0.00306	ND		0.036	0.00319	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB5_2-4				RISB6_2-4				RISB7_2-4				RISB7_4-6			
			LAB ID:	L1910553-04				L1911122-06				L1910853-18				L1910853-19			
			COLLECTION DATE:	3/18/2019				3/20/2019				3/19/2019				3/19/2019			
			SAMPLE DEPTH (Ft.):	2-4				2-4				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	5010		8.32	2.25	5670		8	2.16	5630		8.37	2.26	6600		8.48	2.29
Antimony, Total	7440-36-0	NA	NA	0.374	J	4.16	0.316	0.752	J	4	0.304	ND		4.18	0.318	0.712	J	4.24	0.322
Arsenic, Total	7440-38-2	16	13	2.2		0.832	0.173	2.34		0.8	0.166	4.02		0.837	0.174	3.66		0.848	0.176
Barium, Total	7440-39-3	400	350	13.1	(J)	0.832	0.145	12.6		0.8	0.139	51.5		0.837	0.146	49.5		0.848	0.148
Beryllium, Total	7440-41-7	72	7.2	0.266	J	0.416	0.027	0.336	J	0.4	0.026	0.276	J	0.418	0.028	0.322	J	0.424	0.028
Cadmium, Total	7440-43-9	4.3	2.5	0.216	J	0.832	0.082	ND		0.8	0.078	0.326	J	0.837	0.082	0.407	J	0.848	0.083
Calcium, Total	7440-70-2	NA	NA	384		8.32	2.91	376		8	2.8	7490		8.37	2.93	18900	(J)	8.48	2.97
Chromium, Total	7440-47-3	180	30	4.99		0.832	0.08	6.36		0.8	0.077	8.3		0.837	0.08	10.2		0.848	0.081
Cobalt, Total	7440-48-4	NA	NA	3.57	(J)	1.66	0.138	4.15		1.6	0.133	3.88		1.67	0.139	4.32		1.7	0.141
Copper, Total	7440-50-8	270	50	7.89	(J)	0.832	0.215	9.18		0.8	0.206	14.6		0.837	0.216	21		0.848	0.219
Iron, Total	7439-89-6	NA	NA	9400		4.16	0.751	11200		4	0.723	11100		4.18	0.756	11700		4.24	0.766
Lead, Total	7439-92-1	400	63	9.05	(J)	4.16	0.223	3.83	J	4	0.214	**127**	**(J)**	**4.18**	**0.224**	**240**		**4.24**	**0.227**
Magnesium, Total	7439-95-4	NA	NA	1310	(J)	8.32	1.28	1690		8	1.23	2710	(J)	8.37	1.29	2970		8.48	1.31
Manganese, Total	7439-96-5	2,000	1600	130	(J)	0.832	0.132	218	(J)	0.8	0.127	222		0.837	0.133	271		0.848	0.135
Mercury, Total	7439-97-6	0.81	0.18	ND	(UJ)	0.066	0.014	ND		0.067	0.014	**0.842**		**0.07**	**0.015**	**1.19**	**(J)**	**0.07**	**0.015**
Nickel, Total	7440-02-0	310	30	7.36		2.08	0.201	8.45		2	0.194	8.6		2.09	0.202	10.6		2.12	0.205
Potassium, Total	7440-09-7	NA	NA	228	(J)	208	12	256		200	11.5	422	(J)	209	12	446		212	12.2
Selenium, Total	7782-49-2	180	3.9	ND		1.66	0.215	ND		1.6	0.206	0.418	J	1.67	0.216	0.602	J	1.7	0.219
Silver, Total	7440-22-4	180	2	ND		0.832	0.235	ND		0.8	0.226	1.03		0.837	0.237	ND		0.848	0.24
Sodium, Total	7440-23-5	NA	NA	16	J	166	2.62	89.6	J	160	2.52	129	J	167	2.64	299		170	2.67
Thallium, Total	7440-28-0	NA	NA	ND		1.66	0.262	ND		1.6	0.252	ND		1.67	0.264	ND		1.7	0.267
Vanadium, Total	7440-62-2	NA	NA	10.6		0.832	0.169	12.1		0.8	0.162	12.2		0.837	0.17	13.9		0.848	0.172
Zinc, Total	7440-66-6	10,000	109	26.5	(J)	4.16	0.244	22.1		4	0.234	78.8	(J)	4.18	0.245	86.6		4.24	0.248
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.842	0.168	ND		0.835	0.167	0.365	J	0.884	0.177	ND		0.878	0.176
Cyanide, Total	57-12-5	27	27	ND	(UJ)	1	0.22	ND	(UJ)	1	0.21	ND		1	0.22	-		-	-
Solids, Total	NONE	NA	NA	95		0.1	NA	95.8		0.1	NA	90.5		0.1	NA	91.1		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB7_6-8				RISB8_2-4				RISB8_4-6				RISB8_6-8			
			LAB ID:	L1912498-03				L1910377-01				L1911116-01				L1911778-01			
			COLLECTION DATE:	3/19/2019				3/15/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	-		-	-	ND		0.0011	0.00026	-		-	-	-		-	-
1,2-Dichlorobenzene	95-50-1	100	1.1	-		-	-	ND	(UJ)	0.0022	0.00016	-		-	-	-		-	-
1,3-Dichlorobenzene	541-73-1	49	2.4	-		-	-	ND	(UJ)	0.0022	0.00016	-		-	-	-		-	-
1,4-Dichlorobenzene	106-46-7	13	1.8	-		-	-	ND	(UJ)	0.0022	0.00019	-		-	-	-		-	-
Acetone	67-64-1	100	0.05	-		-	-	0.0069	J	0.011	0.0052	-		-	-	-		-	-
Benzene	71-43-2	4.8	0.06	-		-	-	ND		0.00054	0.00018	-		-	-	-		-	-
Bromodichloromethane	75-27-4	NA	NA	-		-	-	ND		0.00054	0.00012	-		-	-	-		-	-
Chlorobenzene	108-90-7	100	1.1	-		-	-	ND		0.00054	0.00014	-		-	-	-		-	-
Chloroform	67-66-3	49	0.37	-		-	-	ND		0.0016	0.00015	-		-	-	-		-	-
cis-1,2-Dichloroethene	156-59-2	100	0.25	-		-	-	ND		0.0011	0.00019	-		-	-	-		-	-
Ethylbenzene	100-41-4	41	1	-		-	-	ND		0.0011	0.00015	-		-	-	-		-	-
Methyl Acetate	79-20-9	NA	NA	-		-	-	ND		0.0044	0.001	-		-	-	-		-	-
o-Xylene	95-47-6	100	0.26	-		-	-	ND		0.0011	0.00032	-		-	-	-		-	-
p/m-Xylene	179601-23-1	100	0.26	-		-	-	ND		0.0022	0.00061	-		-	-	-		-	-
Tetrachloroethene	127-18-4	19	1.3	-		-	-	ND		0.00054	0.00021	-		-	-	-		-	-
trans-1,2-Dichloroethene	156-60-5	100	0.19	-		-	-	ND		0.0016	0.00015	-		-	-	-		-	-
Trichloroethene	79-01-6	21	0.47	-		-	-	ND		0.00054	0.00015	-		-	-	-		-	-
Vinyl chloride	75-01-4	0.9	0.02	-		-	-	ND		0.0011	0.00036	-		-	-	-		-	-
Total VOCs		NA	NA	-	-	-	-	0.0069	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentadecane	000629-62-9	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.00598	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aromatic		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	0.00598	J	0	0	-		-	-	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	-		-	-	ND		0.91	0.088	ND		0.89	0.086	-		-	-
2-Methylnaphthalene	91-57-6	NA	NA	-		-	-	0.34		0.23	0.023	0.025	J	0.22	0.022	-		-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	-		-	-	0.041	J	0.27	0.03	ND		0.27	0.029	-		-	-
Acenaphthene	83-32-9	100	20	-		-	-	0.44		0.15	0.02	0.063	J	0.15	0.019	-		-	-
Acenaphthylene	208-96-8	100	100	-		-	-	0.58		0.15	0.029	0.12	J	0.15	0.029	-		-	-
Anthracene	120-12-7	100	100	-		-	-	1.1		0.11	0.037	0.16		0.11	0.036	-		-	-
Benzaldehyde	100-52-7	NA	NA	-		-	-	ND		0.25	0.051	0.12	J	0.24	0.05	-		-	-
Benzo(a)anthracene	56-55-3	1	1	-		-	-	**1.9**	**(J)**	**0.11**	**0.021**	0.64		0.11	0.021	-		-	-
Benzo(a)pyrene	50-32-8	1	1	-		-	-	**1.5**	**(J)**	**0.15**	**0.046**	0.74		0.15	0.045	-		-	-
Benzo(b)fluoranthene	205-99-2	1	1	-		-	-	**1.8**	**(J)**	**0.11**	**0.032**	0.73		0.11	0.031	-		-	-
Benzo(ghi)perylene	191-24-2	100	100	-		-	-	0.91		0.15	0.022	0.55		0.15	0.022	-		-	-
Benzo(k)fluoranthene	207-08-9	3.9	0.8	-		-	-	0.56		0.11	0.03	0.23		0.11	0.03	-		-	-
Biphenyl	92-52-4	NA	NA	-		-	-	0.088	J	0.43	0.044	ND		0.42	0.043	-		-	-
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	-		-	-	0.074	J	0.19	0.066	0.1	J	0.18	0.064	-		-	-
Butyl benzyl phthalate	85-68-7	NA	NA	-		-	-	ND		0.19	0.048	0.093	J	0.18	0.047	-		-	-
Carbazole	86-74-8	NA	NA	-		-	-	0.45		0.19	0.018	0.071	J	0.18	0.018	-		-	-
Chrysene	218-01-9	3.9	1	-		-	-	**1.8**	**(J)**	**0.11**	**0.02**	0.69		0.11	0.019	-		-	-
Di-n-butylphthalate	84-74-2	NA	NA	-		-	-	ND		0.19	0.036	0.053	J	0.18	0.035	-		-	-

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830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB7_6-8				RISB8_2-4				RISB8_4-6				RISB8_6-8			
			LAB ID:	L1912498-03				L1910377-01				L1911116-01				L1911778-01			
			COLLECTION DATE:	3/19/2019				3/15/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	-		-	-	0.22		0.11	0.022	0.12		0.11	0.021	-		-	-
Dibenzofuran	132-64-9	59	7	-		-	-	0.45		0.19	0.018	0.044	J	0.18	0.018	-		-	-
Fluoranthene	206-44-0	100	100	-		-	-	3.6	(J)	0.11	0.022	0.88		0.11	0.021	-		-	-
Fluorene	86-73-7	100	30	-		-	-	0.71		0.19	0.018	0.064	J	0.18	0.018	-		-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	-		-	-	**0.81**		**0.15**	**0.026**	0.34		0.15	0.026	-		-	-
Naphthalene	91-20-3	100	12	-		-	-	0.71		0.19	0.023	0.046	J	0.18	0.023	-		-	-
Phenanthrene	85-01-8	100	100	-		-	-	4.8	(J)	0.11	0.023	0.55		0.11	0.022	-		-	-
Pyrene	129-00-0	100	100	-		-	-	3.2	(J)	0.11	0.019	0.87		0.11	0.018	-		-	-
Total SVOCs		NA	NA	-	-	-	-	26.083	-	-	-	7.299	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.256	J	0	0	0.28	J	0	0	-	-	-	-
Unknown		NA	NA	-		-	-	0.484	J	0	0	0.151	J	0	0	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	0.259	J	0	0	-	-	-	-
Unknown		NA	NA	-		-	-	0.854	J	0	0	0.331	J	0	0	-	-	-	-
Unknown		NA	NA	-		-	-	1.49	J	0	0	0.166	J	0	0	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone		NA	NA	-		-	-	0.324	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.919	J	0	0	0.159	J	0	0	-	-	-	-
Unknown PAH		NA	NA	-		-	-	1.23	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.318	J	0	0	0.893	J	0	0	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.285	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.316	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.667	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.304	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.925	J	0	0	0.391	J	0	0	-	-	-	-
Unknown PAH		NA	NA	-		-	-	0.381	J	0	0	-	-	-	-	-	-	-	-
Unknown Thiophene		NA	NA	-		-	-	0.289	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	9.04	J	0	0	2.63	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	-		-	-	ND		0.00178	0.000635	-		-	-	-		-	-
4,4'-DDE	72-55-9	8.9	0.0033	-		-	-	ND		0.00178	0.000412	-		-	-	-		-	-
4,4'-DDT	50-29-3	7.9	0.0033	-		-	-	0.00278	JIP (J)	0.00334	0.00143	-		-	-	-		-	-
Alpha-BHC	319-84-6	0.48	0.02	-		-	-	ND		0.000741	0.00021	-		-	-	-		-	-
Chlordane	57-74-9	NA	NA	-		-	-	ND		0.0144	0.00589	-		-	-	-		-	-
cis-Chlordane	5103-71-9	4.2	0.094	-		-	-	ND		0.00222	0.00062	-		-	-	-		-	-
Dieldrin	60-57-1	0.2	0.005	-		-	-	ND		0.00111	0.000556	-		-	-	-		-	-
Endosulfan II	33213-65-9	24	2.4	-		-	-	0.00137	JIP (J)	0.00178	0.000595	-		-	-	-		-	-
Heptachlor epoxide	1024-57-3	NA	NA	-		-	-	ND		0.00334	0.001	-		-	-	-		-	-
trans-Chlordane	5103-74-2	NA	NA	-		-	-	ND		0.00222	0.000587	-		-	-	-		-	-
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	-		-	-	ND		0.037	0.00499	-		-	-	-		-	-
Aroclor 1254	11097-69-1	1	0.1	-		-	-	ND		0.037	0.00405	-		-	-	-		-	-
Aroclor 1260	11096-82-5	1	0.1	-		-	-	ND		0.037	0.00684	-		-	-	-		-	-
Aroclor 1268	11100-14-4	1	0.1	-		-	-	ND		0.037	0.00384	-		-	-	-		-	-
PCBs, Total	1336-36-3	1	0.1	-		-	-	ND		0.037	0.00329	-		-	-	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB7_6-8				RISB8_2-4				RISB8_4-6				RISB8_6-8			
			LAB ID:	L1912498-03				L1910377-01				L1911116-01				L1911778-01			
			COLLECTION DATE:	3/19/2019				3/15/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				2-4				4-6				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	3410		8.14	2.2	6330		9.08	2.45	4460		8.72	2.35	4540		8.18	2.21
Antimony, Total	7440-36-0	NA	NA	1.41	J	4.07	0.309	0.517	J	4.54	0.345	0.575	J	4.36	0.331	ND		4.09	0.311
Arsenic, Total	7440-38-2	16	13	2.39		0.814	0.169	4.21		0.908	0.189	3.44		0.872	0.181	3		0.818	0.17
Barium, Total	7440-39-3	400	350	12.5		0.814	0.142	84.1		0.908	0.158	136		0.872	0.152	14.2		0.818	0.142
Beryllium, Total	7440-41-7	72	7.2	0.179	J	0.407	0.027	0.3	J	0.454	0.03	0.253	J	0.436	0.029	0.246	J	0.409	0.027
Cadmium, Total	7440-43-9	4.3	2.5	ND		0.814	0.08	ND		0.908	0.089	ND		0.872	0.085	ND		0.818	0.08
Calcium, Total	7440-70-2	NA	NA	790		8.14	2.85	10400		9.08	3.18	13300		8.72	3.05	870		8.18	2.86
Chromium, Total	7440-47-3	180	30	4.6		0.814	0.078	7.64		0.908	0.087	8.76		0.872	0.084	5.37		0.818	0.079
Cobalt, Total	7440-48-4	NA	NA	3.52		1.63	0.135	3.65		1.82	0.151	3.28		1.74	0.145	3.71		1.64	0.136
Copper, Total	7440-50-8	270	50	10.7		0.814	0.21	16.1		0.908	0.234	16.6		0.872	0.225	9.42		0.818	0.211
Iron, Total	7439-89-6	NA	NA	8450		4.07	0.735	9630		4.54	0.82	9250		4.36	0.787	10400		4.09	0.739
Lead, Total	7439-92-1	400	63	3.92	J	4.07	0.218	**171**	**(J)**	**4.54**	**0.243**	**343**		**4.36**	**0.234**	5.79		4.09	0.219
Magnesium, Total	7439-95-4	NA	NA	1240		8.14	1.25	1700		9.08	1.4	1760	(J)	8.72	1.34	1480		8.18	1.26
Manganese, Total	7439-96-5	2,000	1600	236		0.814	0.129	257		0.908	0.144	235		0.872	0.139	244		0.818	0.13
Mercury, Total	7439-97-6	0.81	0.18	ND	(UJ)	0.068	0.014	**0.457**	**(J)**	**0.089**	**0.019**	**0.95**		**0.072**	**0.015**	ND		0.068	0.014
Nickel, Total	7440-02-0	310	30	8.2		2.03	0.197	7.48		2.27	0.22	6.83		2.18	0.211	6.64		2.05	0.198
Potassium, Total	7440-09-7	NA	NA	347		203	11.7	542		227	13.1	454		218	12.6	506		205	11.8
Selenium, Total	7782-49-2	180	3.9	0.285	J	1.63	0.21	ND		1.82	0.234	0.436	J	1.74	0.225	ND		1.64	0.211
Silver, Total	7440-22-4	180	2	ND		0.814	0.23	ND		0.908	0.257	ND		0.872	0.247	ND		0.818	0.232
Sodium, Total	7440-23-5	NA	NA	125	J	163	2.56	170	J	182	2.86	137	J	174	2.74	88.1	J	164	2.58
Thallium, Total	7440-28-0	NA	NA	ND		1.63	0.256	ND		1.82	0.286	ND		1.74	0.274	ND	(UJ)	1.64	0.258
Vanadium, Total	7440-62-2	NA	NA	8.56		0.814	0.165	13.1		0.908	0.184	10.2		0.872	0.177	10.8		0.818	0.166
Zinc, Total	7440-66-6	10,000	109	24.7		4.07	0.238	**142**		**4.54**	**0.266**	**294**		**4.36**	**0.255**	22.6		4.09	0.24
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND	(UJ)	0.86	0.172	0.37	J	0.926	0.185	ND		0.914	0.183	ND		0.871	0.174
Cyanide, Total	57-12-5	27	27	-		-	-	ND		1.1	0.23	ND		1.1	0.24	-		-	-
Solids, Total	NONE	NA	NA	93		0.1	NA	86.4		0.1	NA	87.5		0.1	NA	91.8		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB9_2-4				RISB9_4-6				RISB10_2-4				RISB10_4-6			
			LAB ID:	L1910853-15				L1910853-16				L1911122-02				L1911122-03			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/20/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.00098	0.00023	-	-	-	-	ND		0.001	0.00024	-		-	-
1,2-Dichlorobenzene	95-50-1	100	1.1	ND	(UJ)	0.002	0.00014	-	-	-	-	ND		0.002	0.00015	-		-	-
1,3-Dichlorobenzene	541-73-1	49	2.4	ND	(UJ)	0.002	0.00014	-	-	-	-	ND		0.002	0.00015	-		-	-
1,4-Dichlorobenzene	106-46-7	13	1.8	ND	(UJ)	0.002	0.00017	-	-	-	-	ND		0.002	0.00017	-		-	-
Acetone	67-64-1	100	0.05	**0.1**	**(J)**	**0.0098**	**0.0047**	-	-	-	-	ND		0.01	0.0049	-		-	-
Benzene	71-43-2	4.8	0.06	ND		0.00049	0.00016	-	-	-	-	ND		0.00051	0.00017	-		-	-
Bromodichloromethane	75-27-4	NA	NA	ND		0.00049	0.00011	-	-	-	-	ND		0.00051	0.00011	-		-	-
Chlorobenzene	108-90-7	100	1.1	ND	(UJ)	0.00049	0.00012	-	-	-	-	ND		0.00051	0.00013	-		-	-
Chloroform	67-66-3	49	0.37	ND		0.0015	0.00014	-	-	-	-	ND		0.0015	0.00014	-		-	-
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.00098	0.00017	-	-	-	-	ND		0.001	0.00018	-		-	-
Ethylbenzene	100-41-4	41	1	ND	(UJ)	0.00098	0.00014	-	-	-	-	ND		0.001	0.00014	-		-	-
Methyl Acetate	79-20-9	NA	NA	ND		0.0039	0.00093	-	-	-	-	ND		0.0041	0.00097	-		-	-
o-Xylene	95-47-6	100	0.26	ND	(UJ)	0.00098	0.00029	-	-	-	-	ND		0.001	0.0003	-		-	-
p/m-Xylene	179601-23-1	100	0.26	ND	(UJ)	0.002	0.00055	-	-	-	-	ND		0.002	0.00057	-		-	-
Tetrachloroethene	127-18-4	19	1.3	0.0022		0.00049	0.00019	-	-	-	-	0.034		0.00051	0.0002	-		-	-
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0015	0.00013	-	-	-	-	ND		0.0015	0.00014	-		-	-
Trichloroethene	79-01-6	21	0.47	ND		0.00049	0.00013	-	-	-	-	ND		0.00051	0.00014	-		-	-
Vinyl chloride	75-01-4	0.9	0.02	ND		0.00098	0.00033	-	-	-	-	ND		0.001	0.00034	-		-	-
Total VOCs		NA	NA	0.1022	-	-	-	-	-	-		0.034	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	0.0024	NJ	0	0	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	0.00319	NJ	0	0	-		-	-
Pentadecane	000629-62-9	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Undecane	001120-21-4	NA	NA	0.0043	NJ	0	0	-	-	-	-	0.00348	NJ	0	0	-		-	-
Unknown		NA	NA	0.0123	J	0	0	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	0.00699	J	0	0	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	0.00202	J	0	0	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	0.00199	J	0	0	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Aromatic		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.0276	J	0	0	-	-	-	-	0.00907	J	0	0	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND	(R)	0.84	0.082	-	-	-	-	ND		12	1.2	ND		4.2	0.41
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.21	0.021	-	-	-	-	ND		3.1	0.31	ND		1	0.1
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.25	0.027	-	-	-	-	ND		3.7	0.4	ND		1.3	0.14
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	-	-	-	-	ND		2.1	0.27	ND		0.7	0.091
Acenaphthylene	208-96-8	100	100	ND		0.14	0.027	-	-	-	-	ND		2.1	0.4	ND		0.7	0.14
Anthracene	120-12-7	100	100	ND		0.1	0.034	-	-	-	-	0.78	J	1.6	0.5	0.22	J	0.52	0.17
Benzaldehyde	100-52-7	NA	NA	ND		0.23	0.047	-	-	-	-	ND		3.4	0.7	ND		1.2	0.24
Benzo(a)anthracene	56-55-3	1	1	0.029	J	0.1	0.02	-	-	-	-	**3.7**		**1.6**	**0.29**	**1.1**		**0.52**	**0.099**
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.043	-	-	-	-	**3.2**		**2.1**	**0.63**	**1**		**0.7**	**0.21**
Benzo(b)fluoranthene	205-99-2	1	1	0.033	J	0.1	0.029	-	-	-	-	**4.8**		**1.6**	**0.44**	**1.4**		**0.52**	**0.15**
Benzo(ghi)perylene	191-24-2	100	100	0.046	J	0.14	0.02	-	-	-	-	2.1		2.1	0.3	0.67	J	0.7	0.1
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.028	-	-	-	-	**1.6**		**1.6**	**0.41**	0.49	J	0.52	0.14
Biphenyl	92-52-4	NA	NA	ND		0.4	0.041	-	-	-	-	ND		5.9	0.6	ND		2	0.2
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.18	0.06	-	-	-	-	ND		2.6	0.9	ND		0.88	0.3
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.18	0.044	-	-	-	-	ND		2.6	0.65	ND		0.88	0.22
Carbazole	86-74-8	NA	NA	ND		0.18	0.017	-	-	-	-	0.6	J	2.6	0.25	0.16	J	0.88	0.085
Chrysene	218-01-9	3.9	1	0.023	J	0.1	0.018	-	-	-	-	**3.9**		**1.6**	**0.27**	**1.1**		**0.52**	**0.091**
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.18	0.033	-	-	-	-	ND		2.6	0.49	ND		0.88	0.17

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB9_2-4				RISB9_4-6				RISB10_2-4				RISB10_4-6			
			LAB ID:	L1910853-15				L1910853-16				L1911122-02				L1911122-03			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/20/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.021	J	0.1	0.02	-	-	-	-	**0.55**	**J**	**1.6**	**0.3**	0.16	J	0.52	0.1
Dibenzofuran	132-64-9	59	7	ND		0.18	0.016	-	-	-	-	ND		2.6	0.24	ND		0.88	0.083
Fluoranthene	206-44-0	100	100	0.045	J	0.1	0.02	-	-	-	-	7.4		1.6	0.3	1.9		0.52	0.1
Fluorene	86-73-7	100	30	ND		0.18	0.017	-	-	-	-	0.34	J	2.6	0.25	ND		0.88	0.085
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.025	J	0.14	0.024	-	-	-	-	**2.1**		**2.1**	**0.36**	**0.65**	**J**	**0.7**	**0.12**
Naphthalene	91-20-3	100	12	ND		0.18	0.021	-	-	-	-	ND		2.6	0.32	ND		0.88	0.11
Phenanthrene	85-01-8	100	100	0.029	J	0.1	0.021	-	-	-	-	4.6		1.6	0.31	1		0.52	0.11
Pyrene	129-00-0	100	100	0.036	J	0.1	0.017	-	-	-	-	5.4		1.6	0.26	1.4		0.52	0.087
Total SVOCs		NA	NA	0.287	-	-	-	-	-	-		41.07	-	-	-	11.25	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	0.373	J	0	0	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Amide		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Ketone		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	2.39	J	0	0	0.761	J	0	0
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.373	J	0	0	-	-	-	-	2.39	J	0	0	0.761	J	0	0
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00167	0.000595	-	-	-	-	0.00147	J	0.00166	0.000592	ND		0.00834	0.00297
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00167	0.000386	-	-	-	-	**0.00696**		**0.00166**	**0.000384**	**0.00552**	**JP (J)**	**0.00834**	**0.00193**
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00313	0.00134	-	-	-	-	**0.0602**		**0.00311**	**0.00134**	**0.0355**		**0.0156**	**0.0067**
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000695	0.000198	-	-	-	-	ND		0.000692	0.000196	ND		0.00347	0.000986
Chlordane	57-74-9	NA	NA	ND		0.0136	0.00553	-	-	-	-	ND		0.0135	0.0055	ND		0.0677	0.0276
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00209	0.000581	-	-	-	-	ND		0.00208	0.000578	ND		0.0104	0.0029
Dieldrin	60-57-1	0.2	0.005	ND		0.00104	0.000522	-	-	-	-	ND		0.00104	0.000519	ND		0.00521	0.0026
Endosulfan II	33213-65-9	24	2.4	ND		0.00167	0.000558	-	-	-	-	ND		0.00166	0.000555	ND		0.00834	0.00279
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00313	0.000939	-	-	-	-	ND		0.00311	0.000934	ND		0.0156	0.00469
trans-Chlordane	5103-74-2	NA	NA	ND		0.00209	0.000551	-	-	-	-	ND		0.00208	0.000548	ND		0.0104	0.00275
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.0341	0.00459	-	-	-	-	ND		0.0349	0.0047	-		-	-
Aroclor 1254	11097-69-1	1	0.1	ND		0.0341	0.00373	-	-	-	-	ND		0.0349	0.00382	-		-	-
Aroclor 1260	11096-82-5	1	0.1	ND		0.0341	0.00629	-	-	-	-	ND		0.0349	0.00645	-		-	-
Aroclor 1268	11100-14-4	1	0.1	ND		0.0341	0.00353	-	-	-	-	ND		0.0349	0.00362	-		-	-
PCBs, Total	1336-36-3	1	0.1	ND		0.0341	0.00302	-	-	-	-	ND		0.0349	0.0031	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB9_2-4				RISB9_4-6				RISB10_2-4				RISB10_4-6			
			LAB ID:	L1910853-15				L1910853-16				L1911122-02				L1911122-03			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/20/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				2-4				4-6			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	5060		7.99	2.16	3760		8.02	2.16	3660		8.3	2.24	-		-	-
Antimony, Total	7440-36-0	NA	NA	ND		4	0.304	0.425	J	4.01	0.304	0.672	J	4.15	0.316	-		-	-
Arsenic, Total	7440-38-2	16	13	2.44		0.799	0.166	2.8		0.802	0.167	5.16		0.83	0.173	-		-	-
Barium, Total	7440-39-3	400	350	31.4		0.799	0.139	18.1		0.802	0.139	52.2		0.83	0.144	-		-	-
Beryllium, Total	7440-41-7	72	7.2	0.184	J	0.4	0.026	0.232	J	0.401	0.026	0.241	J	0.415	0.027	-		-	-
Cadmium, Total	7440-43-9	4.3	2.5	0.232	J	0.799	0.078	0.224	J	0.802	0.079	0.307	J	0.83	0.081	-		-	-
Calcium, Total	7440-70-2	NA	NA	13900		7.99	2.8	3050	(J)	8.02	2.8	59900	(J)	8.3	2.91	-		-	-
Chromium, Total	7440-47-3	180	30	7.13		0.799	0.077	5.15		0.802	0.077	6.18	(J)	0.83	0.08	-		-	-
Cobalt, Total	7440-48-4	NA	NA	3.63		1.6	0.133	3.16		1.6	0.133	3.35		1.66	0.138	-		-	-
Copper, Total	7440-50-8	270	50	8.81		0.799	0.206	8.71		0.802	0.207	12.7	(J)	0.83	0.214	-		-	-
Iron, Total	7439-89-6	NA	NA	9960		4	0.722	8760		4.01	0.724	8170		4.15	0.75	-		-	-
Lead, Total	7439-92-1	400	63	**84.1**	**(J)**	**4**	**0.214**	29.9		4.01	0.215	59.7		4.15	0.222	-		-	-
Magnesium, Total	7439-95-4	NA	NA	2040	(J)	7.99	1.23	1470		8.02	1.23	27200	(J)	8.3	1.28	-		-	-
Manganese, Total	7439-96-5	2,000	1600	265		0.799	0.127	171		0.802	0.127	167	(J)	0.83	0.132	-		-	-
Mercury, Total	7439-97-6	0.81	0.18	0.122		0.067	0.014	0.022	J	0.068	0.014	0.014	J	0.067	0.014	-		-	-
Nickel, Total	7440-02-0	310	30	7.06		2	0.193	7.32		2	0.194	8.53		2.08	0.201	-		-	-
Potassium, Total	7440-09-7	NA	NA	646	(J)	200	11.5	301		200	11.5	460	(J)	208	12	-		-	-
Selenium, Total	7782-49-2	180	3.9	0.368	J	1.6	0.206	ND		1.6	0.207	0.324	J	1.66	0.214	-		-	-
Silver, Total	7440-22-4	180	2	ND		0.799	0.226	ND		0.802	0.227	1.34		0.83	0.235	-		-	-
Sodium, Total	7440-23-5	NA	NA	128	J	160	2.52	60.6	J	160	2.52	182		166	2.62	-		-	-
Thallium, Total	7440-28-0	NA	NA	ND		1.6	0.252	ND		1.6	0.252	ND	(UJ)	1.66	0.262	-		-	-
Vanadium, Total	7440-62-2	NA	NA	10.6		0.799	0.162	8.55		0.802	0.163	13.4	(J)	0.83	0.168	-		-	-
Zinc, Total	7440-66-6	10,000	109	56.8	(J)	4	0.234	32.2		4.01	0.235	49.2	(J)	4.15	0.243	-		-	-
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.85	0.17	ND		0.853	0.17	ND		0.853	0.17	-		-	-
Cyanide, Total	57-12-5	27	27	ND		0.97	0.2	-	-	-	-	ND	(UJ)	0.98	0.21	-		-	-
Solids, Total	NONE	NA	NA	94.1		0.1	NA	93.8		0.1	NA	93.8		0.1	NA	92.8		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB10_6-8				RISB10_10-12				RISB11_2-4				RISB11_10-12			
			LAB ID:	L1911122-04				L1911122-05				L1910377-02				L1911116-02			
			COLLECTION DATE:	3/20/2019				3/20/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				10-12				2-4				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	-		-	-	ND		0.001	0.00024	ND		0.061	0.014	-		-	-
1,2-Dichlorobenzene	95-50-1	100	1.1	-		-	-	ND		0.002	0.00014	ND		0.12	0.0087	-		-	-
1,3-Dichlorobenzene	541-73-1	49	2.4	-		-	-	ND		0.002	0.00015	ND		0.12	0.009	-		-	-
1,4-Dichlorobenzene	106-46-7	13	1.8	-		-	-	ND		0.002	0.00017	ND		0.12	0.01	-		-	-
Acetone	67-64-1	100	0.05	-		-	-	ND		0.01	0.0048	ND		0.61	0.29	-		-	-
Benzene	71-43-2	4.8	0.06	-		-	-	ND		0.0005	0.00016	ND		0.03	0.01	-		-	-
Bromodichloromethane	75-27-4	NA	NA	-		-	-	ND		0.0005	0.00011	ND		0.03	0.0066	-		-	-
Chlorobenzene	108-90-7	100	1.1	-		-	-	ND		0.0005	0.00013	ND		0.03	0.0077	-		-	-
Chloroform	67-66-3	49	0.37	-		-	-	ND		0.0015	0.00014	ND		0.091	0.0085	-		-	-
cis-1,2-Dichloroethene	156-59-2	100	0.25	-		-	-	ND		0.001	0.00017	ND		0.061	0.011	-		-	-
Ethylbenzene	100-41-4	41	1	-		-	-	ND		0.001	0.00014	ND		0.061	0.0086	-		-	-
Methyl Acetate	79-20-9	NA	NA	-		-	-	ND		0.004	0.00095	0.44		0.24	0.058	-		-	-
o-Xylene	95-47-6	100	0.26	-		-	-	ND		0.001	0.00029	ND		0.061	0.018	-		-	-
p/m-Xylene	179601-23-1	100	0.26	-		-	-	ND		0.002	0.00056	ND		0.12	0.034	-		-	-
Tetrachloroethene	127-18-4	19	1.3	-		-	-	0.0031		0.0005	0.0002	0.012	J	0.03	0.012	-		-	-
trans-1,2-Dichloroethene	156-60-5	100	0.19	-		-	-	ND		0.0015	0.00014	ND		0.091	0.0083	-		-	-
Trichloroethene	79-01-6	21	0.47	-		-	-	ND		0.0005	0.00014	ND		0.03	0.0083	-		-	-
Vinyl chloride	75-01-4	0.9	0.02	-		-	-	ND		0.001	0.00033	ND		0.061	0.02	-		-	-
Total VOCs		NA	NA	-	-	-	-	0.0031	-	-	-	0.452	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-		-	-	-		-	-	0.964	NJ	0	0	-		-	-
1-Pentene	000109-67-1	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-		-	-	-		-	-	1.23	NJ	0	0	-		-	-
Pentadecane	000629-62-9	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.0028	J	0	0	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	2.4	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	1.06	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	0.996	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	3.08	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	1.26	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	1.46	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Aromatic		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-		-	-	-		-	-	1.78	J	0	0	-		-	-
Unknown Naphthalene		NA	NA	-		-	-	-		-	-	1.51	J	0	0	-		-	-
Total TIC Compounds		NA	NA	-		-	-	0.0028	J	0	0	15.7	J	0	0	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.82	0.079	ND		0.88	0.086	ND		0.92	0.089	-		-	-
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.2	0.02	ND		0.22	0.022	0.15	J	0.23	0.023	-		-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.24	0.027	ND		0.26	0.029	ND		0.28	0.03	-		-	-
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	ND		0.15	0.019	0.25		0.15	0.02	-		-	-
Acenaphthylene	208-96-8	100	100	ND		0.14	0.026	ND		0.15	0.028	ND		0.15	0.03	-		-	-
Anthracene	120-12-7	100	100	ND		0.1	0.033	ND		0.11	0.036	0.31		0.11	0.037	-		-	-
Benzaldehyde	100-52-7	NA	NA	ND		0.22	0.046	ND		0.24	0.05	ND		0.25	0.052	-		-	-
Benzo(a)anthracene	56-55-3	1	1	ND		0.1	0.019	ND		0.11	0.021	0.87		0.11	0.022	-		-	-
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.042	ND		0.15	0.045	0.66		0.15	0.047	-		-	-
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.1	0.029	ND		0.11	0.031	0.88		0.11	0.032	-		-	-
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.02	ND		0.15	0.022	0.34		0.15	0.022	-		-	-
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.027	ND		0.11	0.029	0.29		0.11	0.031	-		-	-
Biphenyl	92-52-4	NA	NA	ND		0.39	0.04	ND		0.42	0.043	ND		0.44	0.044	-		-	-
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.17	0.059	ND		0.18	0.064	0.39		0.19	0.066	-		-	-
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.17	0.043	ND		0.18	0.046	0.12	J	0.19	0.048	-		-	-
Carbazole	86-74-8	NA	NA	ND		0.17	0.016	ND		0.18	0.018	0.16	J	0.19	0.018	-		-	-
Chrysene	218-01-9	3.9	1	ND		0.1	0.018	ND		0.11	0.019	0.72		0.11	0.02	-		-	-
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.17	0.032	ND		0.18	0.035	ND		0.19	0.036	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB10_6-8				RISB10_10-12				RISB11_2-4				RISB11_10-12			
			LAB ID:	L1911122-04				L1911122-05				L1910377-02				L1911116-02			
			COLLECTION DATE:	3/20/2019				3/20/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				10-12				2-4				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.1	0.02	ND		0.11	0.021	0.087	J	0.11	0.022	-		-	-
Dibenzofuran	132-64-9	59	7	ND		0.17	0.016	ND		0.18	0.017	0.12	J	0.19	0.018	-		-	-
Fluoranthene	206-44-0	100	100	ND		0.1	0.02	ND		0.11	0.021	1.5		0.11	0.022	-		-	-
Fluorene	86-73-7	100	30	ND		0.17	0.016	ND		0.18	0.018	0.16	J	0.19	0.018	-		-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.024	ND		0.15	0.026	0.37		0.15	0.027	-		-	-
Naphthalene	91-20-3	100	12	ND		0.17	0.021	ND		0.18	0.022	0.062	J	0.19	0.023	-		-	-
Phenanthrene	85-01-8	100	100	ND		0.1	0.021	ND		0.11	0.022	1.2		0.11	0.023	-		-	-
Pyrene	129-00-0	100	100	ND		0.1	0.017	ND		0.11	0.018	1.3		0.11	0.019	-		-	-
Total SVOCs		NA	NA	-	-	-	-	-	-	-	-	9.939	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.817	J	0	0	-		-	-	0.335	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.86	J	0	0	-		-	-	0.452	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.633	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.553	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.452	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.491	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.298	J	0	0	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	0.972	J	0	0	-		-	-
Unknown Amide		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cyclohexane		NA	NA	-		-	-	-		-	-	0.402	J	0	0	-		-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	0.191	J	0	0	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	0.354	J	0	0	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	0.237	J	0	0	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	1.68	J	0	0	-		-	-	5.37	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00164	0.000585	ND		0.00169	0.000604	**0.0352**		**0.0018**	**0.000642**	ND		0.00168	0.000599
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00164	0.000379	ND		0.00169	0.000391	**0.0379**		**0.0018**	**0.000416**	ND		0.00168	0.000388
4,4'-DDT	50-29-3	7.9	0.0033	ND		0.00308	0.00132	ND		0.00317	0.00136	**0.0917**		**0.00337**	**0.00145**	ND		0.00315	0.00135
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000684	0.000194	ND		0.000705	0.0002	ND		0.00075	0.000213	ND		0.0007	0.000199
Chlordane	57-74-9	NA	NA	ND		0.0133	0.00543	ND		0.0138	0.00561	0.0586		0.0146	0.00596	ND		0.0136	0.00556
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00205	0.000572	ND		0.00212	0.00059	0.00603		0.00225	0.000627	ND		0.0021	0.000585
Dieldrin	60-57-1	0.2	0.005	ND		0.00102	0.000513	ND		0.00106	0.000529	**0.00982**		**0.00112**	**0.000562**	ND		0.00105	0.000525
Endosulfan II	33213-65-9	24	2.4	ND		0.00164	0.000548	ND		0.00169	0.000566	ND		0.0018	0.000601	ND		0.00168	0.000561
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00308	0.000923	ND		0.00317	0.000952	ND		0.00337	0.00101	ND		0.00315	0.000945
trans-Chlordane	5103-74-2	NA	NA	ND		0.00205	0.000541	ND		0.00212	0.000558	0.0041	IP (J)	0.00225	0.000594	ND		0.0021	0.000554
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	-		-	-	ND		0.0362	0.00488	ND		0.0384	0.00518	-		-	-
Aroclor 1254	11097-69-1	1	0.1	-		-	-	ND		0.0362	0.00396	0.0438		0.0384	0.0042	-		-	-
Aroclor 1260	11096-82-5	1	0.1	-		-	-	ND		0.0362	0.00669	ND		0.0384	0.0071	-		-	-
Aroclor 1268	11100-14-4	1	0.1	-		-	-	ND		0.0362	0.00375	ND		0.0384	0.00398	-		-	-
PCBs, Total	1336-36-3	1	0.1	-		-	-	ND		0.0362	0.00321	0.0438		0.0384	0.00341	-		-	-

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB10_6-8				RISB10_10-12				RISB11_2-4				RISB11_10-12			
			LAB ID:	L1911122-04				L1911122-05				L1910377-02				L1911116-02			
			COLLECTION DATE:	3/20/2019				3/20/2019				3/15/2019				3/15/2019			
			SAMPLE DEPTH (Ft.):	6-8				10-12				2-4				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	-		-	-	2790		8.73	2.36	6770		9.27	2.5	2290		7.98	2.16
Antimony, Total	7440-36-0	NA	NA	-		-	-	0.995	J	4.36	0.332	0.982	J	4.63	0.352	ND		3.99	0.303
Arsenic, Total	7440-38-2	16	13	-		-	-	2.21		0.873	0.182	5.42		0.927	0.193	1.16		0.798	0.166
Barium, Total	7440-39-3	400	350	-		-	-	8.95		0.873	0.152	85.2		0.927	0.161	8.26		0.798	0.139
Beryllium, Total	7440-41-7	72	7.2	-		-	-	0.183	J	0.436	0.029	0.287	J	0.463	0.031	0.136	J	0.399	0.026
Cadmium, Total	7440-43-9	4.3	2.5	-		-	-	ND		0.873	0.086	ND		0.927	0.091	ND		0.798	0.078
Calcium, Total	7440-70-2	NA	NA	-		-	-	988		8.73	3.05	34500		9.27	3.24	5290		7.98	2.79
Chromium, Total	7440-47-3	180	30	-		-	-	3.95		0.873	0.084	12		0.927	0.089	3.36		0.798	0.077
Cobalt, Total	7440-48-4	NA	NA	-		-	-	3.18		1.74	0.145	6.96		1.85	0.154	2.59		1.6	0.132
Copper, Total	7440-50-8	270	50	-		-	-	10		0.873	0.225	49		0.927	0.239	8.19		0.798	0.206
Iron, Total	7439-89-6	NA	NA	-		-	-	8520		4.36	0.788	14000		4.63	0.837	6930		3.99	0.721
Lead, Total	7439-92-1	400	63	-		-	-	3.32	J	4.36	0.234	**93.3**	**(J)**	**4.63**	**0.248**	2.99	J	3.99	0.214
Magnesium, Total	7439-95-4	NA	NA	-		-	-	1290		8.73	1.34	6130		9.27	1.43	1260	(J)	7.98	1.23
Manganese, Total	7439-96-5	2,000	1600	-		-	-	237	(J)	0.873	0.139	305		0.927	0.147	79.3		0.798	0.127
Mercury, Total	7439-97-6	0.81	0.18	-		-	-	ND		0.07	0.015	0.095	J	0.098	0.021	ND		0.067	0.014
Nickel, Total	7440-02-0	310	30	-		-	-	7.49		2.18	0.211	16		2.32	0.224	5.89		2	0.193
Potassium, Total	7440-09-7	NA	NA	-		-	-	277		218	12.6	1130		232	13.3	258		200	11.5
Selenium, Total	7782-49-2	180	3.9	-		-	-	ND		1.74	0.225	ND		1.85	0.239	ND		1.6	0.206
Silver, Total	7440-22-4	180	2	-		-	-	ND		0.873	0.247	ND		0.927	0.262	ND		0.798	0.226
Sodium, Total	7440-23-5	NA	NA	-		-	-	136	J	174	2.75	171	J	185	2.92	32.1	J	160	2.52
Thallium, Total	7440-28-0	NA	NA	-		-	-	ND		1.74	0.275	ND		1.85	0.292	ND		1.6	0.252
Vanadium, Total	7440-62-2	NA	NA	-		-	-	7.67		0.873	0.177	14.7		0.927	0.188	5.94		0.798	0.162
Zinc, Total	7440-66-6	10,000	109	-		-	-	22.7		4.36	0.256	109		4.63	0.272	20.1		3.99	0.234
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	-		-	-	ND		0.891	0.178	0.376	J	0.94	0.188	ND		0.85	0.17
Cyanide, Total	57-12-5	27	27	-		-	-	ND	(UJ)	1.1	0.23	ND		1.1	0.23	ND		1	0.22
Solids, Total	NONE	NA	NA	94.8		0.1	NA	89.8		0.1	NA	85.1		0.1	NA	94.1		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB12_2-4				RISB12_4-6				RISB12_6-8				RISB13_10-12			
			LAB ID:	L1910853-04				L1910853-05				L1912498-02				L1911122-09			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				6-8				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.0011	0.00025	-		-	-	-		-	-	ND		0.001	0.00024
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.0021	0.00015	-		-	-	-		-	-	ND		0.0021	0.00015
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.0021	0.00016	-		-	-	-		-	-	ND		0.0021	0.00015
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.0021	0.00018	-		-	-	-		-	-	ND		0.0021	0.00018
Acetone	67-64-1	100	0.05	0.022	(U)	0.011	0.0051	-		-	-	-		-	-	ND		0.01	0.005
Benzene	71-43-2	4.8	0.06	ND		0.00053	0.00018	-		-	-	-		-	-	ND		0.00052	0.00017
Bromodichloromethane	75-27-4	NA	NA	ND		0.00053	0.00012	-		-	-	-		-	-	0.0003	J	0.00052	0.00011
Chlorobenzene	108-90-7	100	1.1	ND		0.00053	0.00013	-		-	-	-		-	-	ND		0.00052	0.00013
Chloroform	67-66-3	49	0.37	ND		0.0016	0.00015	-		-	-	-		-	-	0.0012	J	0.0015	0.00014
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.0011	0.00018	-		-	-	-		-	-	ND		0.001	0.00018
Ethylbenzene	100-41-4	41	1	ND		0.0011	0.00015	-		-	-	-		-	-	ND		0.001	0.00014
Methyl Acetate	79-20-9	NA	NA	ND		0.0042	0.001	-		-	-	-		-	-	ND		0.0041	0.00098
o-Xylene	95-47-6	100	0.26	ND		0.0011	0.00031	-		-	-	-		-	-	ND		0.001	0.0003
p/m-Xylene	179601-23-1	100	0.26	ND		0.0021	0.00059	-		-	-	-		-	-	ND		0.0021	0.00058
Tetrachloroethene	127-18-4	19	1.3	0.0038		0.00053	0.00021	-		-	-	-		-	-	0.0022		0.00052	0.0002
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0016	0.00014	-		-	-	-		-	-	ND		0.0015	0.00014
Trichloroethene	79-01-6	21	0.47	0.00041	J	0.00053	0.00014	-		-	-	-		-	-	ND		0.00052	0.00014
Vinyl chloride	75-01-4	0.9	0.02	ND		0.0011	0.00036	-		-	-	-		-	-	ND		0.001	0.00034
Total VOCs		NA	NA	0.02621	-	-	-	-	-	-	-	-	-	-	-	0.0037	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Pentene	000109-67-1	NA	NA	0.0123	NJ (UJ)	0	0	-		-	-	-		-	-	-		-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentadecane	000629-62-9	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Aromatic		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	0.0123	J	0	0	-		-	-	-		-	-	-		-	-
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.88	0.085	-		-	-	-		-	-	ND		0.94	0.092
2-Methylnaphthalene	91-57-6	NA	NA	0.05	J	0.22	0.022	-		-	-	-		-	-	ND		0.24	0.024
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.26	0.029	-		-	-	-		-	-	ND		0.28	0.031
Acenaphthene	83-32-9	100	20	0.07	J	0.15	0.019	-		-	-	-		-	-	ND		0.16	0.02
Acenaphthylene	208-96-8	100	100	0.18		0.15	0.028	-		-	-	-		-	-	ND		0.16	0.03
Anthracene	120-12-7	100	100	0.2		0.11	0.036	-		-	-	-		-	-	ND		0.12	0.038
Benzaldehyde	100-52-7	NA	NA	ND		0.24	0.049	-		-	-	-		-	-	ND		0.26	0.053
Benzo(a)anthracene	56-55-3	1	1	0.68		0.11	0.021	-		-	-	-		-	-	ND		0.12	0.022
Benzo(a)pyrene	50-32-8	1	1	0.67		0.15	0.045	-		-	-	-		-	-	ND		0.16	0.048
Benzo(b)fluoranthene	205-99-2	1	1	0.83		0.11	0.031	-		-	-	-		-	-	ND		0.12	0.033
Benzo(ghi)perylene	191-24-2	100	100	0.35		0.15	0.022	-		-	-	-		-	-	ND		0.16	0.023
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.32		0.11	0.029	-		-	-	-		-	-	ND		0.12	0.031
Biphenyl	92-52-4	NA	NA	ND		0.42	0.042	-		-	-	-		-	-	ND		0.45	0.046
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.18	0.063	-		-	-	-		-	-	ND		0.2	0.068
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.18	0.046	-		-	-	-		-	-	ND		0.2	0.05
Carbazole	86-74-8	NA	NA	0.12	J	0.18	0.018	-		-	-	-		-	-	ND		0.2	0.019
Chrysene	218-01-9	3.9	1	0.7		0.11	0.019	-		-	-	-		-	-	ND		0.12	0.02
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.18	0.035	-		-	-	-		-	-	ND		0.2	0.037

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB12_2-4				RISB12_4-6				RISB12_6-8				RISB13_10-12			
			LAB ID:	L1910853-04				L1910853-05				L1912498-02				L1911122-09			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				6-8				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.086	J	0.11	0.021	-		-	-	-		-	-	ND		0.12	0.023
Dibenzofuran	132-64-9	59	7	0.1	J	0.18	0.017	-		-	-	-		-	-	ND		0.2	0.019
Fluoranthene	206-44-0	100	100	1.5		0.11	0.021	-		-	-	-		-	-	ND		0.12	0.022
Fluorene	86-73-7	100	30	0.11	J	0.18	0.018	-		-	-	-		-	-	ND		0.2	0.019
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.38		0.15	0.026	-		-	-	-		-	-	ND		0.16	0.027
Naphthalene	91-20-3	100	12	0.12	J	0.18	0.022	-		-	-	-		-	-	ND		0.2	0.024
Phenanthrene	85-01-8	100	100	1.1		0.11	0.022	-		-	-	-		-	-	ND		0.12	0.024
Pyrene	129-00-0	100	100	1.3		0.11	0.018	-		-	-	-		-	-	ND		0.12	0.02
Total SVOCs		NA	NA	8.866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.309	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	0.273	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Ketone		NA	NA	0.314	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.158	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.177	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.432	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	0.221	J	0	0	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	1.88	J	0	0	-		-	-	-		-	-	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00173	0.000618	0.00203	IP (J)	0.00176	0.000627	ND		0.00171	0.00061	ND		0.00187	0.000666
4,4'-DDE	72-55-9	8.9	0.0033	**0.00458**		**0.00173**	**0.000401**	**0.00748**		**0.00176**	**0.000406**	ND		0.00171	0.000396	0.0013	J	0.00187	0.000432
4,4'-DDT	50-29-3	7.9	0.0033	**0.0251**		**0.00325**	**0.00139**	**0.0569**		**0.0033**	**0.00141**	ND		0.00321	0.00138	**0.00376**		**0.0035**	**0.0015**
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000722	0.000205	ND		0.000732	0.000208	ND		0.000713	0.000202	ND		0.000778	0.000221
Chlordane	57-74-9	NA	NA	ND		0.0141	0.00574	0.206		0.0143	0.00582	ND		0.0139	0.00567	ND		0.0152	0.00619
cis-Chlordane	5103-71-9	4.2	0.094	0.00515		0.00217	0.000604	0.0297		0.0022	0.000612	ND	(U)	0.00214	0.000596	ND		0.00233	0.000651
Dieldrin	60-57-1	0.2	0.005	0.00277		0.00108	0.000542	**0.00517**		**0.0011**	**0.000549**	ND	(U)	0.00107	0.000534	ND		0.00117	0.000584
Endosulfan II	33213-65-9	24	2.4	ND		0.00173	0.000579	ND		0.00176	0.000587	ND		0.00171	0.000572	ND		0.00187	0.000624
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00325	0.000975	ND	(U)	0.0033	0.000989	ND		0.00321	0.000962	ND		0.0035	0.00105
trans-Chlordane	5103-74-2	NA	NA	0.00416	IP (J)	0.00217	0.000572	0.0344		0.0022	0.00058	ND		0.00214	0.000564	ND		0.00233	0.000616
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.0357	0.00481	-		-	-	-		-	-	ND		0.0391	0.00526
Aroclor 1254	11097-69-1	1	0.1	0.00666	J	0.0357	0.00391	-		-	-	-		-	-	ND		0.0391	0.00427
Aroclor 1260	11096-82-5	1	0.1	0.00971	J	0.0357	0.0066	-		-	-	-		-	-	ND		0.0391	0.00722
Aroclor 1268	11100-14-4	1	0.1	0.0048	J	0.0357	0.0037	-		-	-	-		-	-	ND		0.0391	0.00405
PCBs, Total	1336-36-3	1	0.1	0.0212	J	0.0357	0.00317	-		-	-	-		-	-	ND		0.0391	0.00347

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB12_2-4				RISB12_4-6				RISB12_6-8				RISB13_10-12			
			LAB ID:	L1910853-04				L1910853-05				L1912498-02				L1911122-09			
			COLLECTION DATE:	3/19/2019				3/19/2019				3/19/2019				3/20/2019			
			SAMPLE DEPTH (Ft.):	2-4				4-6				6-8				10-12			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	5320		8.55	2.31	5030		8.54	2.3	2690		8.34	2.25	2040		9.46	2.56
Antimony, Total	7440-36-0	NA	NA	ND		4.27	0.325	0.683	J	4.27	0.324	0.384	J	4.17	0.317	0.369	J	4.73	0.36
Arsenic, Total	7440-38-2	16	13	3.75		0.855	0.178	6.32		0.854	0.178	1.87		0.834	0.174	1.71		0.946	0.197
Barium, Total	7440-39-3	400	350	69		0.855	0.149	60.6		0.854	0.148	8.05		0.834	0.145	6.62		0.946	0.165
Beryllium, Total	7440-41-7	72	7.2	0.256	J	0.427	0.028	0.282	J	0.427	0.028	0.125	J	0.417	0.028	0.104	J	0.473	0.031
Cadmium, Total	7440-43-9	4.3	2.5	0.325	J	0.855	0.084	0.495	J	0.854	0.084	ND		0.834	0.082	ND		0.946	0.093
Calcium, Total	7440-70-2	NA	NA	2090		8.55	2.99	3640	(J)	8.54	2.99	723		8.34	2.92	597		9.46	3.31
Chromium, Total	7440-47-3	180	30	7.17		0.855	0.082	6.25		0.854	0.082	3.59		0.834	0.08	3.5		0.946	0.091
Cobalt, Total	7440-48-4	NA	NA	3.67		1.71	0.142	3.67		1.71	0.142	2.77		1.67	0.138	2.54		1.89	0.157
Copper, Total	7440-50-8	270	50	24.9		0.855	0.22	15.6		0.854	0.22	7.51		0.834	0.215	6.86		0.946	0.244
Iron, Total	7439-89-6	NA	NA	10400		4.27	0.772	10400		4.27	0.771	7760		4.17	0.754	7580		4.73	0.854
Lead, Total	7439-92-1	400	63	**124**	**(J)**	**4.27**	**0.229**	**129**		**4.27**	**0.229**	2.92	J	4.17	0.224	2.54	J	4.73	0.254
Magnesium, Total	7439-95-4	NA	NA	1350	(J)	8.55	1.32	1460		8.54	1.31	926		8.34	1.28	910		9.46	1.46
Manganese, Total	7439-96-5	2,000	1600	214		0.855	0.136	247		0.854	0.136	226		0.834	0.133	66.8	(J)	0.946	0.15
Mercury, Total	7439-97-6	0.81	0.18	**0.679**		**0.07**	**0.015**	**0.427**	**(J)**	**0.07**	**0.015**	ND	(UJ)	0.069	0.015	ND		0.076	0.016
Nickel, Total	7440-02-0	310	30	7.65		2.14	0.207	8.61		2.13	0.206	5.81		2.09	0.202	5.05		2.36	0.229
Potassium, Total	7440-09-7	NA	NA	332	(J)	214	12.3	384		213	12.3	255		209	12	213	J	236	13.6
Selenium, Total	7782-49-2	180	3.9	0.316	J	1.71	0.22	ND		1.71	0.22	0.242	J	1.67	0.215	ND		1.89	0.244
Silver, Total	7440-22-4	180	2	ND		0.855	0.242	ND		0.854	0.242	ND		0.834	0.236	ND		0.946	0.268
Sodium, Total	7440-23-5	NA	NA	47.8	J	171	2.69	184		171	2.69	20.9	J	167	2.63	26.4	J	189	2.98
Thallium, Total	7440-28-0	NA	NA	ND		1.71	0.269	ND		1.71	0.269	ND		1.67	0.263	ND		1.89	0.298
Vanadium, Total	7440-62-2	NA	NA	12.8		0.855	0.174	12.6		0.854	0.173	8.1		0.834	0.169	8.09		0.946	0.192
Zinc, Total	7440-66-6	10,000	109	**111**	**(J)**	**4.27**	**0.25**	**142**		**4.27**	**0.25**	18.9		4.17	0.244	19.2		4.73	0.277
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.889	0.178	ND		0.896	0.179	ND	(UJ)	0.875	0.175	ND		0.957	0.191
Cyanide, Total	57-12-5	27	27	ND		1.1	0.23	-		-	-	-		-	-	ND	(UJ)	1.1	0.24
Solids, Total	NONE	NA	NA	90		0.1	NA	89.3		0.1	NA	91.4		0.1	NA	83.6		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB14_9-11				RISB15_2-4				FD02-190312 (RISB15_2-4)				RISB16_6-8			
			LAB ID:	L1911122-01				L1909635-01				L1909635-04				L1909887-01			
			COLLECTION DATE:	3/20/2019				3/12/2019				3/12/2019				3/13/2019			
			SAMPLE DEPTH (Ft.):	9-11				2-4				2-4				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																			
1,1-Dichloroethene	75-35-4	100	0.33	ND		0.001	0.00024	ND		0.0011	0.00027	ND		0.0011	0.00027	ND		0.001	0.00024
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.002	0.00015	ND		0.0023	0.00016	ND		0.0023	0.00016	ND		0.002	0.00015
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.002	0.00015	ND		0.0023	0.00017	ND		0.0023	0.00017	ND		0.002	0.00015
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.002	0.00017	ND		0.0023	0.0002	ND		0.0023	0.0002	ND		0.002	0.00017
Acetone	67-64-1	100	0.05	ND		0.01	0.0049	ND		0.011	0.0055	ND		0.011	0.0055	0.0067	J	0.01	0.0049
Benzene	71-43-2	4.8	0.06	ND		0.00051	0.00017	ND		0.00057	0.00019	ND		0.00057	0.00019	ND		0.00051	0.00017
Bromodichloromethane	75-27-4	NA	NA	ND		0.00051	0.00011	ND		0.00057	0.00012	ND		0.00057	0.00012	ND		0.00051	0.00011
Chlorobenzene	108-90-7	100	1.1	ND		0.00051	0.00013	ND		0.00057	0.00014	ND		0.00057	0.00014	ND		0.00051	0.00013
Chloroform	67-66-3	49	0.37	ND		0.0015	0.00014	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0015	0.00014
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.001	0.00018	ND		0.0011	0.0002	ND		0.0011	0.0002	ND		0.001	0.00018
Ethylbenzene	100-41-4	41	1	ND		0.001	0.00014	ND		0.0011	0.00016	ND		0.0011	0.00016	ND		0.001	0.00014
Methyl Acetate	79-20-9	NA	NA	ND		0.004	0.00096	ND		0.0046	0.0011	ND		0.0046	0.0011	ND		0.0041	0.00097
o-Xylene	95-47-6	100	0.26	ND		0.001	0.0003	ND		0.0011	0.00033	ND		0.0011	0.00033	ND		0.001	0.0003
p/m-Xylene	179601-23-1	100	0.26	ND		0.002	0.00057	ND		0.0023	0.00064	ND		0.0023	0.00064	ND		0.002	0.00057
Tetrachloroethene	127-18-4	19	1.3	0.003		0.00051	0.0002	ND		0.00057	0.00022	ND		0.00057	0.00022	ND		0.00051	0.0002
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0015	0.00014	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0015	0.00014
Trichloroethene	79-01-6	21	0.47	ND		0.00051	0.00014	ND		0.00057	0.00016	ND		0.00057	0.00016	ND		0.00051	0.00014
Vinyl chloride	75-01-4	0.9	0.02	ND		0.001	0.00034	ND		0.0011	0.00038	ND		0.0011	0.00038	ND		0.001	0.00034
Total VOCs		NA	NA	0.003	-	-	-	-	-	-	-	-	-	-	-	0.0067	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																			
1,1'-Bicyclohexyl	000092-51-3	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
1-Pentene	000109-67-1	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Butane, 2-Methyl-	000078-78-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Cyclopentane	000287-92-3	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Dodecane (C12)	000112-40-3	NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Pentadecane	000629-62-9	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Undecane	001120-21-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	0.0114	J	0	0
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Aromatic		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Naphthalene		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	-		-	-	-		-	-	0.0114	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS																			
2,4-Dinitrophenol	51-28-5	NA	NA	ND		0.84	0.081	ND		0.84	0.081	ND		0.83	0.081	ND		0.84	0.082
2-Methylnaphthalene	91-57-6	NA	NA	ND		0.21	0.021	ND		0.21	0.021	ND		0.21	0.021	ND		0.21	0.021
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	100	0.33	ND		0.25	0.027	ND		0.25	0.027	ND		0.25	0.027	ND		0.25	0.028
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	ND		0.14	0.018	ND		0.14	0.018	ND		0.14	0.018
Acenaphthylene	208-96-8	100	100	ND		0.14	0.027	ND		0.14	0.027	ND		0.14	0.027	ND		0.14	0.027
Anthracene	120-12-7	100	100	ND		0.1	0.034	ND		0.1	0.034	ND		0.1	0.034	ND		0.1	0.034
Benzaldehyde	100-52-7	NA	NA	ND		0.23	0.047	ND		0.23	0.047	ND		0.23	0.047	ND		0.23	0.048
Benzo(a)anthracene	56-55-3	1	1	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	0.034	J	0.1	0.02
Benzo(a)pyrene	50-32-8	1	1	ND		0.14	0.042	ND		0.14	0.043	ND		0.14	0.042	ND		0.14	0.043
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.1	0.029	ND		0.1	0.029	ND		0.1	0.029	0.07	J	0.1	0.03
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.02	ND		0.14	0.02	ND		0.14	0.02	0.031	J	0.14	0.021
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.028	ND		0.1	0.028	ND		0.1	0.028	0.029	J	0.1	0.028
Biphenyl	92-52-4	NA	NA	ND		0.4	0.04	ND		0.4	0.04	ND		0.4	0.04	ND		0.4	0.041
Bis(2-ethylhexyl)phthalate	117-81-7	NA	NA	ND		0.17	0.06	ND		0.17	0.06	ND		0.17	0.06	0.092	J	0.18	0.061
Butyl benzyl phthalate	85-68-7	NA	NA	ND		0.17	0.044	ND		0.17	0.044	ND		0.17	0.044	ND		0.18	0.044
Carbazole	86-74-8	NA	NA	ND		0.17	0.017	ND		0.17	0.017	ND		0.17	0.017	ND		0.18	0.017
Chrysene	218-01-9	3.9	1	ND		0.1	0.018	ND		0.1	0.018	ND		0.1	0.018	0.058	J	0.1	0.018
Di-n-butylphthalate	84-74-2	NA	NA	ND		0.17	0.033	ND		0.17	0.033	ND		0.17	0.033	ND		0.18	0.033

TABLE 5: RI SUBSURFACE FILL/SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB14_9-11				RISB15_2-4				FD02-190312 (RISB15_2-4)				RISB16_6-8			
			LAB ID:	L1911122-01				L1909635-01				L1909635-04				L1909887-01			
			COLLECTION DATE:	3/20/2019				3/12/2019				3/12/2019				3/13/2019			
			SAMPLE DEPTH (Ft.):	9-11				2-4				2-4				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Dibenzofuran	132-64-9	59	7	ND		0.17	0.016	ND		0.17	0.016	ND		0.17	0.016	ND		0.18	0.017
Fluoranthene	206-44-0	100	100	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	0.1		0.1	0.02
Fluorene	86-73-7	100	30	ND		0.17	0.017	ND		0.17	0.017	ND		0.17	0.017	ND		0.18	0.017
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.024	ND		0.14	0.024	ND		0.14	0.024	0.03	J	0.14	0.024
Naphthalene	91-20-3	100	12	ND		0.17	0.021	ND		0.17	0.021	ND		0.17	0.021	ND		0.18	0.021
Phenanthrene	85-01-8	100	100	ND		0.1	0.021	ND		0.1	0.021	ND		0.1	0.021	0.075	J	0.1	0.021
Pyrene	129-00-0	100	100	ND		0.1	0.017	ND		0.1	0.017	ND		0.1	0.017	0.074	J	0.1	0.018
Total SVOCs		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.593	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																			
Tetrachloroethene	000127-18-4	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	0.142	J	0	0	-		-	-	0.384	J	0	0
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.166	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.173	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Amide		NA	NA	0.347	J	0	0	-		-	-	0.35	J	0	0	-		-	-
Unknown Cyclohexane		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown Ketone		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NA	NA	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
Unknown PAH		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Thiophene		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NA	NA	0.686	J	0	0	0.142	J	0	0	0.35	J	0	0	0.384	J	0	0
ORGANOCHLORINE PESTICIDES BY GC																			
4,4'-DDD	72-54-8	13	0.0033	ND		0.00167	0.000596	ND		0.00168	0.000599	ND		0.00166	0.000592	ND		0.00164	0.000586
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00167	0.000386	ND		0.00168	0.000388	ND		0.00166	0.000384	ND		0.00164	0.00038
4,4'-DDT	50-29-3	7.9	0.0033	ND	(U)	0.00313	0.00134	ND		0.00315	0.00135	ND		0.00311	0.00133	ND		0.00308	0.00132
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000696	0.000198	ND		0.000699	0.000199	ND		0.000692	0.000196	0.000974	IP (J)	0.000684	0.000194
Chlordane	57-74-9	NA	NA	ND		0.0136	0.00554	ND		0.0136	0.00556	ND		0.0135	0.0055	ND		0.0133	0.00544
cis-Chlordane	5103-71-9	4.2	0.094	ND		0.00209	0.000582	ND		0.0021	0.000585	ND		0.00207	0.000578	0.0011	J	0.00205	0.000572
Dieldrin	60-57-1	0.2	0.005	ND		0.00104	0.000522	ND		0.00105	0.000524	ND		0.00104	0.000519	ND		0.00103	0.000513
Endosulfan II	33213-65-9	24	2.4	ND		0.00167	0.000559	ND		0.00168	0.000561	ND		0.00166	0.000555	ND		0.00164	0.000549
Heptachlor epoxide	1024-57-3	NA	NA	ND		0.00313	0.00094	ND		0.00315	0.000944	ND		0.00311	0.000934	ND		0.00308	0.000924
trans-Chlordane	5103-74-2	NA	NA	ND		0.00209	0.000552	ND		0.0021	0.000554	ND		0.00207	0.000548	ND		0.00205	0.000542
POLYCHLORINATED BIPHENYLS BY GC																			
Aroclor 1242	53469-21-9	1	0.1	ND		0.034	0.00458	ND		0.0346	0.00467	ND		0.0344	0.00463	ND		0.0354	0.00478
Aroclor 1254	11097-69-1	1	0.1	ND		0.034	0.00372	ND		0.0346	0.00379	ND		0.0344	0.00376	0.0198	J	0.0354	0.00388
Aroclor 1260	11096-82-5	1	0.1	ND		0.034	0.00628	ND		0.0346	0.0064	ND		0.0344	0.00635	0.0165	J	0.0354	0.00655
Aroclor 1268	11100-14-4	1	0.1	ND		0.034	0.00352	ND		0.0346	0.00359	ND		0.0344	0.00356	0.00656	J	0.0354	0.00367
PCBs, Total	1336-36-3	1	0.1	ND		0.034	0.00302	ND		0.0346	0.00307	ND		0.0344	0.00305	0.0429	J	0.0354	0.00315

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830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RISB14_9-11				RISB15_2-4				FD02-190312 (RISB15_2-4)				RISB16_6-8			
			LAB ID:	L1911122-01				L1909635-01				L1909635-04				L1909887-01			
			COLLECTION DATE:	3/20/2019				3/12/2019				3/12/2019				3/13/2019			
			SAMPLE DEPTH (Ft.):	9-11				2-4				2-4				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Aluminum, Total	7429-90-5	NA	NA	2590		8.23	2.22	3650		8.13	2.2	3920		8.38	2.26	3240		8.47	2.29
Antimony, Total	7440-36-0	NA	NA	0.403	J	4.11	0.313	0.455	J	4.06	0.309	0.796	J	4.19	0.318	0.474	J	4.24	0.322
Arsenic, Total	7440-38-2	16	13	2.66		0.823	0.171	1.82		0.813	0.169	2.82		0.838	0.174	2.36		0.847	0.176
Barium, Total	7440-39-3	400	350	13.1		0.823	0.143	10.5		0.813	0.141	12.2		0.838	0.146	22.9		0.847	0.147
Beryllium, Total	7440-41-7	72	7.2	0.189	J	0.411	0.027	0.211	J	0.406	0.027	0.21	J	0.419	0.028	0.136	J	0.424	0.028
Cadmium, Total	7440-43-9	4.3	2.5	0.255	J	0.823	0.081	ND		0.813	0.08	ND	(UJ)	0.838	0.082	ND		0.847	0.083
Calcium, Total	7440-70-2	NA	NA	3290	(J)	8.23	2.88	1170		8.13	2.84	1160		8.38	2.93	10100		8.47	2.96
Chromium, Total	7440-47-3	180	30	4.5	(J)	0.823	0.079	4.37		0.813	0.078	4.8		0.838	0.08	5.02		0.847	0.081
Cobalt, Total	7440-48-4	NA	NA	3.43		1.64	0.137	3.06		1.63	0.135	3.35		1.68	0.139	3.45		1.69	0.141
Copper, Total	7440-50-8	270	50	6.73	(J)	0.823	0.212	8.92	(J)	0.813	0.21	9.01		0.838	0.216	9.22		0.847	0.219
Iron, Total	7439-89-6	NA	NA	11400		4.11	0.743	8390		4.06	0.734	9080		4.19	0.757	9180		4.24	0.765
Lead, Total	7439-92-1	400	63	6.26		4.11	0.22	9.15		4.06	0.218	7.02		4.19	0.225	21.2		4.24	0.227
Magnesium, Total	7439-95-4	NA	NA	1160	(J)	8.23	1.27	1320	(J)	8.13	1.25	1380	(J)	8.38	1.29	3330	(J)	8.47	1.3
Manganese, Total	7439-96-5	2,000	1600	352	(J)	0.823	0.131	189	(J)	0.813	0.129	219		0.838	0.133	253		0.847	0.135
Mercury, Total	7439-97-6	0.81	0.18	ND		0.067	0.014	ND		0.067	0.014	ND		0.066	0.014	ND		0.069	0.015
Nickel, Total	7440-02-0	310	30	6.68		2.06	0.199	6.34		2.03	0.197	7.02		2.1	0.203	7.37		2.12	0.205
Potassium, Total	7440-09-7	NA	NA	254	(J)	206	11.8	282		203	11.7	350	(J)	210	12.1	323		212	12.2
Selenium, Total	7782-49-2	180	3.9	ND		1.64	0.212	ND		1.63	0.21	0.268	J	1.68	0.216	0.347	J	1.69	0.219
Silver, Total	7440-22-4	180	2	ND		0.823	0.233	ND		0.813	0.23	ND		0.838	0.237	ND		0.847	0.24
Sodium, Total	7440-23-5	NA	NA	96.9	J	164	2.59	19.8	J (U)	163	2.56	31.4	J (U)	168	2.64	55.3	J	169	2.67
Thallium, Total	7440-28-0	NA	NA	ND	(UJ)	1.64	0.259	ND		1.63	0.256	ND		1.68	0.264	ND		1.69	0.267
Vanadium, Total	7440-62-2	NA	NA	14.4	(J)	0.823	0.167	8.22	(J)	0.813	0.165	8.92		0.838	0.17	8.92		0.847	0.172
Zinc, Total	7440-66-6	10,000	109	22.8	(J)	4.11	0.241	20.8		4.06	0.238	21.5		4.19	0.246	39.5		4.24	0.248
GENERAL CHEMISTRY																			
Chromium, Hexavalent	18540-29-9	110	1	ND		0.849	0.17	ND		0.84	0.168	ND		0.845	0.169	ND		0.868	0.174
Cyanide, Total	57-12-5	27	27	ND	(UJ)	1	0.21	ND		1	0.21	ND		1	0.21	ND		1	0.21
Solids, Total	NONE	NA	NA	94.2		0.1	NA	95.2		0.1	NA	94.7		0.1	NA	92.2		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable
Qualifiers in parantheses are from the data validator

TABLE 5A: SOIL/FILL SAMPLING ANALYTICAL SUMMARY RESULTS (EXCLUDING 1,4-DIOXANE AND PFAS)
SUPPLEMENTAL REMEDIAL INVESTIGATION
HAMILTON HILL II - TARGET AREA 1 BCP SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RIGP1_0-2				RIGP1_2-4				RIGP1_4-6				RIGP1_6-8				RIGP1_8-10				RIGP2_6-8			
			LAB ID:	L1932200-01				L1932200-02				L1932200-03				L1932200-04				L1932200-05				L1932200-06			
			COLLECTION DATE:	7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019			
			SAMPLE DEPTH (Feet):	0-2				2-4				4-6				6-8				8-10				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																								
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																											
Acetone	67-64-1	100	0.05	ND		0.01	0.005	0.0089	J (U)	0.0089	0.0043	0.0084	J (U)	0.0084	0.004	0.0083	J (U)	0.0083	0.004	0.026	(U)	0.01	0.0049	0.01	J (U)	0.01	0.005
Methyl Acetate	79-20-9	NS	NS	ND		0.0042	0.00099	ND	J	0.0036	0.00084	ND		0.0034	0.0008	ND		0.0033	0.00079	0.014		0.004	0.00096	ND		0.0042	0.001
Tetrachloroethene	127-18-4	19	1.3	0.003		0.00052	0.0002	0.0036		0.00044	0.00017	0.0016		0.00042	0.00016	0.0058		0.00041	0.00016	0.0086		0.0005	0.0002	0.0015		0.00052	0.0002
Trichloroethene	79-01-6	21	0.47	ND		0.00052	0.00014	ND		0.00044	0.00012	ND		0.00042	0.00012	ND		0.00041	0.00011	0.00028	J	0.0005	0.00014	ND		0.00052	0.00014
Total VOCs		NS	NS	0.003	-	-	-	0.0081	-	-	-	0.0068	-	-	-	0.0114	-	-	-	0.04888	-	-	-	0.0071	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																											
.beta.-Myrcene	000123-35-3	NS	NS	-		-	-	0.00442	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camphene	000079-92-5	NS	NS	-		-	-	0.00716	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NS	NS	-		-	-	0.00311	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.00391	J	0	0
Unknown		NS	NS	-		-	-	0.0271	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	0.00605	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	0.00197	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	0.00801	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NS	NS	0.00212	J	0	0	0.0373	J	0	0	-		-	-	-		-	-	0.00247	J	0	0	-	-	-	-
Unknown Naphthalene		NS	NS	-		-	-	0.00597	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NS	NS	-		-	-	0.0138	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NS	NS	0.00212	J	0	0	0.115	J	0	0	-		-	-	-		-	-	0.00247	J	0	0	0.00391	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS																											
Acenaphthene	83-32-9	100	20	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.14	0.018
Anthracene	120-12-7	100	100	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.034
Benzo(a)anthracene	56-55-3	1	1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	1	1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND	(UJ)	0.14	0.043
Benzo(b)fluoranthene	205-99-2	1	1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.03
Benzo(ghi)perylene	191-24-2	100	100	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.14	0.021
Benzo(k)fluoranthene	207-08-9	3.9	0.8	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.028
Carbazole	86-74-8	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.18	0.017
Chrysene	218-01-9	3.9	1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.018
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.02
Dibenzofuran	132-64-9	59	7	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.18	0.017
Fluoranthene	206-44-0	100	100	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.02
Fluorene	86-73-7	100	30	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.18	0.017
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.14	0.024
Phenanthrene	85-01-8	100	100	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.021
Pyrene	129-00-0	100	100	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.1	0.017
Total SVOCs		NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																											
Unknown		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkene		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Amide		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.285	J	0	0
Unknown Amide		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.508	J	0	0
Unknown Amide		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Ketone		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Total TIC Compounds		NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.793	J	0	0
ORGANOCHLORINE PESTICIDES BY GC (None Detecetd Above the Laboratory's Method Detection Limits)																											
POLYCHLORINATED BIPHENYLS BY GC																											
Aroclor 1242	53469-21-9	1	0.1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.0176	J	0.0338	0.00456
PCBs, Total	1336-36-3	1	0.1	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.0176	J	0.0338	0.00301

TABLE 5A: SOIL/FILL SAMPLING ANALYTICAL SUMMARY RESULTS (EXCLUDING 1,4-DIOXANE AND PFAS)
SUPPLEMENTAL REMEDIAL INVESTIGATION
HAMILTON HILL II - TARGET AREA 1 BCP SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RIGP1_0-2				RIGP1_2-4				RIGP1_4-6				RIGP1_6-8				RIGP1_8-10				RIGP2_6-8			
			LAB ID:	L1932200-01				L1932200-02				L1932200-03				L1932200-04				L1932200-05				L1932200-06			
			COLLECTION DATE:	7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019			
			SAMPLE DEPTH (Feet):	0-2				2-4				4-6				6-8				8-10				6-8			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																								
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																											
Aluminum, Total	7429-90-5	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	3290		8.26	2.23
Antimony, Total	7440-36-0	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.322	J	4.13	0.314
Arsenic, Total	7440-38-2	16	13	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	2.5		0.826	0.172
Barium, Total	7440-39-3	400	350	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	10.2		0.826	0.144
Beryllium, Total	7440-41-7	72	7.2	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.215	J	0.413	0.027
Cadmium, Total	7440-43-9	4.3	2.5	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.165	J	0.826	0.081
Calcium, Total	7440-70-2	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	1100		8.26	2.89
Chromium, Total	7440-47-3	180	30	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	4.1		0.826	0.079
Cobalt, Total	7440-48-4	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	3.39		1.65	0.137
Copper, Total	7440-50-8	270	50	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	10		0.826	0.213
Iron, Total	7439-89-6	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	9150		4.13	0.746
Lead, Total	7439-92-1	400	63	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	3.78	J	4.13	0.221
Magnesium, Total	7439-95-4	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	1360		8.26	1.27
Manganese, Total	7439-96-5	2,000	1,600	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	221		0.826	0.131
Mercury, Total	7439-97-6	0.81	0.18	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		0.068	0.044
Nickel, Total	7440-02-0	310	30	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	7.48		2.06	0.2
Potassium, Total	7440-09-7	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	257		206	11.9
Selenium, Total	7782-49-2	180	3.9	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	0.364	J	1.65	0.213
Sodium, Total	7440-23-5	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	33.3	J	165	2.6
Vanadium, Total	7440-62-2	NS	NS	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	9.9		0.826	0.168
Zinc, Total	7440-66-6	10,000	109	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	22.6		4.13	0.242
GENERAL CHEMISTRY																											
Solids, Total	NONE	NS	NS	94.4		0.1	NA	93.4		0.1	NA	93.5		0.1	NA	94.2		0.1	NA	90.7		0.1	NA	93.6		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NS denotes No Standard.
ND denotes Non Detect.
Qualifiers in parantheses are from the data validator.

TABLE 5A: SOIL/FILL SAMPLING ANALYTICAL SUMMARY RESULTS (EXCLUDING 1,4-DIOXANE AND PFAS)
SUPPLEMENTAL REMEDIAL INVESTIGATION
HAMILTON HILL II - TARGET AREA 1 BCP SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	FD01_190719 (RIPG2_6-8)				RIGP2_8-12				RIGP3_6-8				RIGP3_8-10				RIGP4_2-4				RIGP5_0-2			
			LAB ID:	L1932200-08				L1932200-07				L1932200-09				L1932200-10				L1932200-11				L1932200-15			
			COLLECTION DATE:	7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019			
			SAMPLE DEPTH (Feet):	6-8				8-12				6-8				8-10				2-4				0-2			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																								
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																											
Acetone	67-64-1	100	0.05	ND		0.0084	0.004	ND		0.0087	0.0042	ND		0.009	0.0044	0.0099	J (U)	0.0099	0.0048	-	-	-	-	-	-	-	-
Methyl Acetate	79-20-9	NS	NS	ND		0.0034	0.0008	ND		0.0035	0.00083	ND		0.0036	0.00086	ND		0.004	0.00094	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	19	1.3	0.00064		0.00042	0.00016	0.0017		0.00044	0.00017	0.0008		0.00045	0.00018	0.0027		0.0005	0.00019	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	21	0.47	ND		0.00042	0.00012	ND		0.00044	0.00012	ND		0.00045	0.00012	ND		0.0005	0.00014	-	-	-	-	-	-	-	-
Total VOCs		NS	NS	0.00064	-	-	-	0.0017	-	-	-	0.0008	-	-	-	0.0079	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																											
.beta.-Myrcene	000123-35-3	NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camphene	000079-92-5	NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopentane	000287-92-3	NS	NS	-		-	-	0.00333	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene		NS	NS	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NS	NS	-		-	-	0.00333	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS																											
Acenaphthene	83-32-9	100	20	ND		0.14	0.018	ND		0.14	0.019	ND		0.14	0.019	0.089	J	0.14	0.018	ND		0.14	0.018	ND		0.14	0.018
Anthracene	120-12-7	100	100	ND		0.1	0.034	ND		0.11	0.036	ND		0.11	0.035	0.4		0.1	0.034	ND		0.11	0.035	ND		0.1	0.033
Benzo(a)anthracene	56-55-3	1	1	ND		0.1	0.02	ND		0.11	0.02	ND		0.11	0.02	0.85		0.1	0.02	ND		0.11	0.02	ND		0.1	0.019
Benzo(a)pyrene	50-32-8	1	1	ND	(UJ)	0.14	0.043	ND	(UJ)	0.14	0.044	ND	(UJ)	0.14	0.044	0.74	(J)	0.14	0.043	ND	(UJ)	0.14	0.043	ND	(UJ)	0.14	0.042
Benzo(b)fluoranthene	205-99-2	1	1	ND		0.1	0.03	ND		0.11	0.031	ND		0.11	0.03	0.94		0.1	0.029	ND		0.11	0.03	ND		0.1	0.029
Benzo(ghi)perylene	191-24-2	100	100	ND		0.14	0.021	ND		0.14	0.021	ND		0.14	0.021	0.37		0.14	0.02	ND		0.14	0.021	ND		0.14	0.02
Benzo(k)fluoranthene	207-08-9	3.9	0.8	ND		0.1	0.028	ND		0.11	0.029	ND		0.11	0.029	0.34		0.1	0.028	ND		0.11	0.028	ND		0.1	0.027
Carbazole	86-74-8	NS	NS	ND		0.18	0.017	ND		0.18	0.018	ND		0.18	0.017	0.097	J	0.17	0.017	ND		0.18	0.017	ND		0.17	0.017
Chrysene	218-01-9	3.9	1	ND		0.1	0.018	ND		0.11	0.019	ND		0.11	0.019	0.71		0.1	0.018	ND		0.11	0.018	ND		0.1	0.018
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.021	0.11		0.1	0.02	ND		0.11	0.02	ND		0.1	0.02
Dibenzofuran	132-64-9	59	7	ND		0.18	0.017	ND		0.18	0.017	ND		0.18	0.017	0.058	J	0.17	0.016	ND		0.18	0.017	ND		0.17	0.016
Fluoranthene	206-44-0	100	100	ND		0.1	0.02	ND		0.11	0.021	ND		0.11	0.021	2.1		0.1	0.02	ND		0.11	0.02	ND		0.1	0.02
Fluorene	86-73-7	100	30	ND		0.18	0.017	ND		0.18	0.018	ND		0.18	0.017	0.13	J	0.17	0.017	ND		0.18	0.017	ND		0.17	0.017
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND		0.14	0.024	ND		0.14	0.025	ND		0.14	0.025	0.43		0.14	0.024	ND		0.14	0.025	ND		0.14	0.024
Phenanthrene	85-01-8	100	100	ND		0.1	0.021	ND		0.11	0.022	ND		0.11	0.022	1.5		0.1	0.021	ND		0.11	0.022	ND		0.1	0.021
Pyrene	129-00-0	100	100	ND		0.1	0.017	ND		0.11	0.018	0.021	J	0.11	0.018	1.5		0.1	0.017	ND		0.11	0.018	ND		0.1	0.017
Total SVOCs		NS	NS	-	-	-	-	-	-	-	-	0.021	-	-	-	10.364	-	-	-	-		-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC																											
Unknown		NS	NS	-		-	-	0.349	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		NS	NS	-		-	-	-		-	-	-	-	-	-	-		-	-	0.862	J	0	0	-	-	-	-
Unknown		NS	NS	-		-	-	0.259	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkene		NS	NS	-		-	-	0.172	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NS	NS	0.337	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NS	NS	0.597	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Amide		NS	NS	-		-	-	0.188	J	0	0	0.278	J	0	0	0.367	J	0	0	-	-	-	-	-	-	-	-
Unknown Ketone		NS	NS	-		-	-	-		-	-	-		-	-	0.306	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	0.228	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	0.302	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	0.513	J	0	0	-	-	-	-	-	-	-	-
Unknown PAH		NS	NS	-		-	-	-		-	-	-		-	-	0.18	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds		NS	NS	0.934	J	0	0	0.968	J	0	0	0.278	J	0	0	1.9	J	0	0	0.862	J	0	0	-	-	-	-
ORGANOCHLORINE PESTICIDES BY GC (None Detecetd Above the Laboratory's Method Detection Limits)																											
POLYCHLORINATED BIPHENYLS BY GC																											
Aroclor 1242	53469-21-9	1	0.1	ND		0.0336	0.00452	ND		0.0363	0.00489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	1	0.1	ND		0.0336	0.00298	ND		0.0363	0.00322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5A: SOIL/FILL SAMPLING ANALYTICAL SUMMARY RESULTS (EXCLUDING 1,4-DIOXANE AND PFAS)
SUPPLEMENTAL REMEDIAL INVESTIGATION
HAMILTON HILL II - TARGET AREA 1 BCP SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	FD01_190719 (RICPG2_6-8)				RIGP2_8-12				RIGP3_6-8				RIGP3_8-10				RIGP4_2-4				RIGP5_0-2			
			LAB ID:	L1932200-08				L1932200-07				L1932200-09				L1932200-10				L1932200-11				L1932200-15			
			COLLECTION DATE:	7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019				7/19/2019			
			SAMPLE DEPTH (Feet):	6-8				8-12				6-8				8-10				2-4				0-2			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																								
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																											
Aluminum, Total	7429-90-5	NS	NS	3310		8.29	2.24	2670		8.72	2.35	-		-	-	-		-	-	3490		8.42	2.27	2730		8.24	2.22
Antimony, Total	7440-36-0	NS	NS	ND		4.14	0.315	0.358	J	4.36	0.331	-		-	-	-		-	-	ND		4.21	0.32	ND		4.12	0.313
Arsenic, Total	7440-38-2	16	13	2.66		0.829	0.172	2.14		0.872	0.181	-		-	-	-		-	-	2.13		0.842	0.175	1.85		0.824	0.171
Barium, Total	7440-39-3	400	350	11.2		0.829	0.144	10.9		0.872	0.152	-		-	-	-		-	-	8.81		0.842	0.146	16.5		0.824	0.143
Beryllium, Total	7440-41-7	72	7.2	0.257	J	0.414	0.027	0.192	J	0.436	0.029	-		-	-	-		-	-	0.227	J	0.421	0.028	0.19	J	0.412	0.027
Cadmium, Total	7440-43-9	4.3	2.5	0.182	J	0.829	0.081	0.174	J	0.872	0.086	-		-	-	-		-	-	0.152	J	0.842	0.083	0.239	J	0.824	0.081
Calcium, Total	7440-70-2	NS	NS	922		8.29	2.9	12300		8.72	3.05	-		-	-	-		-	-	537		8.42	2.95	1380		8.24	2.88
Chromium, Total	7440-47-3	180	30	3.83		0.829	0.08	3.03		0.872	0.084	-		-	-	-		-	-	3.03		0.842	0.081	3.35		0.824	0.079
Cobalt, Total	7440-48-4	NS	NS	3.32		1.66	0.138	2.92		1.74	0.145	-		-	-	-		-	-	3.21		1.68	0.14	2.93		1.65	0.137
Copper, Total	7440-50-8	270	50	10.2		0.829	0.214	8.54		0.872	0.225	-		-	-	-		-	-	8.3		0.842	0.217	10.2		0.824	0.213
Iron, Total	7439-89-6	NS	NS	9800		4.14	0.748	8560		4.36	0.787	-		-	-	-		-	-	8910		4.21	0.761	8020		4.12	0.744
Lead, Total	7439-92-1	400	63	3.72	J	4.14	0.222	3.46	J	4.36	0.234	-		-	-	-		-	-	2.58	J	4.21	0.226	32.9		4.12	0.221
Magnesium, Total	7439-95-4	NS	NS	1200		8.29	1.28	1470		8.72	1.34	-		-	-	-		-	-	1220		8.42	1.3	1170		8.24	1.27
Manganese, Total	7439-96-5	2,000	1,600	240		0.829	0.132	219		0.872	0.139	-		-	-	-		-	-	186		0.842	0.134	200		0.824	0.131
Mercury, Total	7439-97-6	0.81	0.18	ND		0.067	0.044	ND		0.069	0.045	-		-	-	-		-	-	ND		0.068	0.044	0.061	J	0.066	0.043
Nickel, Total	7440-02-0	310	30	7.45		2.07	0.2	6.77		2.18	0.211	-		-	-	-		-	-	6.85		2.1	0.204	6.59		2.06	0.199
Potassium, Total	7440-09-7	NS	NS	267		207	11.9	243		218	12.6	-		-	-	-		-	-	237		210	12.1	230		206	11.9
Selenium, Total	7782-49-2	180	3.9	0.522	J	1.66	0.214	0.418	J	1.74	0.225	-		-	-	-		-	-	0.371	J	1.68	0.217	0.363	J	1.65	0.213
Sodium, Total	7440-23-5	NS	NS	34.1	J	166	2.61	57	J	174	2.75	-		-	-	-		-	-	99.8	J	168	2.65	37.1	J	165	2.6
Vanadium, Total	7440-62-2	NS	NS	10.1		0.829	0.168	8.74		0.872	0.177	-		-	-	-		-	-	9.28		0.842	0.171	8.46		0.824	0.167
Zinc, Total	7440-66-6	10,000	109	23		4.14	0.243	19.2		4.36	0.256	-		-	-	-		-	-	18.5		4.21	0.247	74.5		4.12	0.242
GENERAL CHEMISTRY																											
Solids, Total	NONE	NS	NS	93.6		0.1	NA	91.3		0.1	NA	92.3		0.1	NA	92.8		0.1	NA	93.7		0.1	NA	95.9		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NS denotes No Standard
ND denotes Non Detect

TABLE 6: RI SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RIMW1_10-12				RIMW2_10-12				RIMW3_8-10				RIMW3_10-12				RIMW3D_54-56			
			LAB ID:	L1910852-01				L1911123-01				L1911554-01				L1911552-02				L1911552-01			
			COLLECTION DATE:	3/19/2019				3/20/2019				3/22/2019				3/22/2019				3/21/2019			
			SAMPLE DEPTH (Ft.):	10-12				10-12				8-10				10-12				54-56			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																							
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.0023	0.00016	ND		0.002	0.00015	ND		0.002	0.00015	ND		0.0021	0.00015	ND	(UJ)	0.0021	0.00015
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.0023	0.00017	ND		0.002	0.00015	ND		0.002	0.00015	ND		0.0021	0.00016	ND	(UJ)	0.0021	0.00015
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.0023	0.00019	ND		0.002	0.00017	ND		0.002	0.00017	ND		0.0021	0.00018	ND	(UJ)	0.0021	0.00018
Acetone	67-64-1	100	0.05	ND		0.011	0.0054	ND		0.01	0.0049	ND		0.01	0.0049	ND		0.011	0.0051	0.0058	J	0.01	0.005
Chloroform	67-66-3	49	0.37	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0015	0.00014
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND	(UJ)	0.0011	0.0002	ND		0.001	0.00018	ND		0.001	0.00018	ND		0.0011	0.00019	ND		0.001	0.00018
Tetrachloroethene	127-18-4	19	1.3	ND	(UJ)	0.00057	0.00022	0.0021		0.00051	0.0002	0.012		0.00051	0.0002	0.0063		0.00053	0.00021	0.00087		0.00052	0.0002
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.0015	0.00014	ND		0.0016	0.00015	ND		0.0015	0.00014
Trichloroethene	79-01-6	21	0.47	ND		0.00057	0.00016	ND		0.00051	0.00014	ND		0.00051	0.00014	ND		0.00053	0.00015	ND		0.00052	0.00014
Total VOCs		NA	NA	-	-	-	-	0.0021	-	-	-	0.012	-	-	-	0.0063	-	-	-	0.00667	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																							
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-		-	-	-		-	-	-	-	-	-	0.00341	NJ	0	0	-		-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9	NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	0.00195	J	0	0
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	0.00505	J	0	0	-		-	-	-		-	-	-		-	-	0.00208	J	0	0
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	0.00277	J	0	0
Unknown Alkane		NA	NA	-		-	-	0.00263	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane		NA	NA	0.00549	J	0	0	-		-	-	-	-	-	-	-	-	-	-	0.00276	J	0	0
Total TIC Compounds		NA	NA	0.0105	J	0	0	0.00263	J	0	0	-		-	-	0.00341	J	0	0	0.00748	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS																							
2-Nitrophenol	88-75-5	NA	NA	ND	(UJ)	0.37	0.065	ND		0.37	0.065	ND		0.39	0.068	ND	(UJ)	0.39	0.068	ND	(UJ)	0.43	0.076
4,6-Dinitro-o-cresol	534-52-1	NA	NA	ND	(UJ)	0.45	0.083	ND		0.45	0.083	ND		0.47	0.087	ND	(UJ)	0.47	0.087	ND	(UJ)	0.52	0.096
Bis(2-chloroisopropyl)ether	108-60-1	NA	NA	ND	(UJ)	0.21	0.03	ND		0.21	0.03	ND		0.22	0.031	ND		0.22	0.031	ND		0.24	0.034
Caprolactam	105-60-2	NA	NA	ND		0.17	0.053	ND	(UJ)	0.17	0.052	ND	(UJ)	0.18	0.055	ND		0.18	0.055	ND		0.2	0.061
Hexachlorocyclopentadiene	77-47-4	NA	NA	ND		0.5	0.16	ND		0.49	0.16	ND		0.52	0.16	ND		0.52	0.16	ND		0.58	0.18
SEMIVOLATILE ORGANICS BY GC/MS-TIC																							
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Amide		NA	NA	0.597	J	0	0	0.828	J	0	0	0.335	J	0	0	0.406	J	0	0	-		-	-
Total TIC Compounds		NA	NA	0.597	J	0	0	0.828	J	0	0	0.335	J	0	0	0.406	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																							
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00162	0.000374	ND		0.00165	0.000382	ND		0.00169	0.000391	ND		0.00175	0.000404	ND		0.00193	0.000447
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000674	0.000191	ND		0.000689	0.000196	ND		0.000705	0.0002	ND	(U)	0.000728	0.000207	ND		0.000805	0.000229
POLYCHLORINATED BIPHENYLS BY GC (None Detecetd Above the Laboratory's Method Detection Limit)																							
TOTAL METALS																							
Aluminum, Total	7429-90-5	NA	NA	2700		8.37	2.26	2430		8.34	2.25	3630		8.66	2.34	2780		8.33	2.25	6250		9.42	2.54
Antimony, Total	7440-36-0	NA	NA	ND	(UJ)	4.19	0.318	0.718	J	4.17	0.317	ND		4.33	0.329	ND		4.16	0.316	ND		4.71	0.358
Arsenic, Total	7440-38-2	16	13	1.63	(J)	0.837	0.174	2.24		0.834	0.174	3.03		0.866	0.18	2.55		0.833	0.173	3.03		0.942	0.196
Barium, Total	7440-39-3	400	350	11.4		0.837	0.146	10.4		0.834	0.145	12.2		0.866	0.151	8.59		0.833	0.145	71		0.942	0.164
Beryllium, Total	7440-41-7	72	7.2	0.151	J	0.419	0.028	0.225	J	0.417	0.028	0.208	J	0.433	0.029	0.158	J	0.416	0.028	0.179	J	0.471	0.031
Cadmium, Total	7440-43-9	4.3	2.5	ND		0.837	0.082	0.417	J	0.834	0.082	0.199	J	0.866	0.085	0.166	J	0.833	0.082	0.254	J	0.942	0.092
Calcium, Total	7440-70-2	NA	NA	34500		8.37	2.93	34000		8.34	2.92	1920		8.66	3.03	968		8.33	2.91	26100		9.42	3.3
Chromium, Total	7440-47-3	180	30	3.93		0.837	0.08	3.65		0.834	0.08	5.32		0.866	0.083	3.89		0.833	0.08	7.81		0.942	0.09
Cobalt, Total	7440-48-4	NA	NA	2.59		1.67	0.139	2.77		1.67	0.138	3.57		1.73	0.144	3.03		1.66	0.138	6.03		1.88	0.156
Copper, Total	7440-50-8	270	50	7.89		0.837	0.216	8.27	(J)	0.834	0.215	10.2	(J)	0.866	0.223	7.87	(J)	0.833	0.215	9.4	(J)	0.942	0.243
Iron, Total	7439-89-6	NA	NA	7460		4.19	0.756	7000		4.17	0.753	10400		4.33	0.782	8600		4.16	0.752	15200		4.71	0.851
Lead, Total	7439-92-1	400	63	2.44	J	4.19	0.224	3.47	J	4.17	0.224	6.24		4.33	0.232	3.3	J	4.16	0.223	5.37		4.71	0.252
Magnesium, Total	7439-95-4	NA	NA	2070		8.37	1.29	1940		8.34	1.28	1500		8.66	1.33	1130		8.33	1.28	5980		9.42	1.45
Manganese, Total	7439-96-5	2,000	1,600	166	(J)	0.837	0.133	178		0.834	0.133	252		0.866	0.138	208		0.833	0.132	304		0.942	0.15
Nickel, Total	7440-02-0	310	30	6.24		2.09	0.203	5.98		2.08	0.202	7.83		2.16	0.21	6.57		2.08	0.202	9.01		2.36	0.228
Potassium, Total	7440-09-7	NA	NA	338		209	12	328		208	12	305		216	12.5	248		208	12	717		236	13.6
Selenium, Total	7782-49-2	180	3.9	ND		1.67	0.216	ND		1.67	0.215	ND		1.73	0.223	ND		1.66	0.215	ND		1.88	0.243
Sodium, Total	7440-23-5	NA	NA	50.8	J (U)	167	2.64	59.5	J	167	2.63	123	J	173	2.73	84.6	J	166	2.62	200		188	2.97
Thallium, Total	7440-28-0	NA	NA	ND	(UJ)	1.67	0.264	ND		1.67	0.263	0.346	J	1.73	0.273	ND		1.66	0.262	ND		1.88	0.297
Vanadium, Total	7440-62-2	NA	NA	7.26		0.837	0.17	7.28		0.834	0.169	10.4		0.866	0.176	7.87		0.833	0.169	17		0.942	0.191
Zinc, Total	7440-66-6	10,000	109	18.3	(J)	4.19	0.245	18		4.17	0.244	27.6		4.33	0.254	20.5		4.16	0.244	33.1		4.71	0.276
GENERAL CHEMISTRY																							
Solids, Total	NONE	NA	NA	95.4		0.1	NA	95.2		0.1	NA	90.9		0.1	NA	90.3		0.1	NA	80.4		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable.

TABLE 6: RI SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

			SAMPLE ID:	RIMW4D-8-10				RIMW4D-50-52				RIMW5_12-14				FD01_190312 (RIMW5_12-14)				RIMW6_12-14				RIMW6D_54-56			
			LAB ID:	L1911820-01				L1911820-02				L1909634-02				L1909634-03				L1909634-04				L1910376-01			
			COLLECTION DATE:	3/25/2019				3/25/2019				3/12/2019				3/12/2019				3/12/2019				3/14/2019			
			SAMPLE DEPTH (Ft.):	8-10				50-52				12-14				12-14				12-14				54-56			
			SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
		NY-RES-RES[2]	NY-UNRES[1]																								
ANALYTE	CAS	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY EPA 5035																											
1,2-Dichlorobenzene	95-50-1	100	1.1	ND		0.002	0.00015	ND		0.0018	0.00013	ND		0.0021	0.00015	ND		0.0026	0.00019	ND		0.0024	0.00017	ND	(UJ)	0.0018	0.00013
1,3-Dichlorobenzene	541-73-1	49	2.4	ND		0.002	0.00015	ND		0.0018	0.00014	ND		0.0021	0.00015	ND		0.0026	0.00019	ND		0.0024	0.00017	ND	(UJ)	0.0018	0.00013
1,4-Dichlorobenzene	106-46-7	13	1.8	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0021	0.00018	ND		0.0026	0.00022	ND		0.0024	0.0002	ND	(UJ)	0.0018	0.00015
Acetone	67-64-1	100	0.05	ND		0.01	0.0049	ND		0.0093	0.0045	ND		0.01	0.005	ND		0.013	0.0063	ND		0.012	0.0057	ND		0.0089	0.0043
Chloroform	67-66-3	49	0.37	0.00019	J	0.0015	0.00014	0.00028	J	0.0014	0.00013	ND		0.0016	0.00014	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0013	0.00012
cis-1,2-Dichloroethene	156-59-2	100	0.25	ND		0.001	0.00018	ND		0.00093	0.00016	ND		0.001	0.00018	ND		0.0013	0.00023	ND		0.0012	0.00021	ND	(UJ)	0.00089	0.00016
Tetrachloroethene	127-18-4	19	1.3	0.0013		0.00051	0.0002	ND		0.00046	0.00018	ND		0.00052	0.0002	ND		0.00065	0.00026	0.00024	J	0.00059	0.00023	ND	(UJ)	0.00044	0.00017
trans-1,2-Dichloroethene	156-60-5	100	0.19	ND		0.0015	0.00014	ND		0.0014	0.00013	ND		0.0016	0.00014	ND		0.002	0.00018	ND		0.0018	0.00016	ND	(UJ)	0.0013	0.00012
Trichloroethene	79-01-6	21	0.47	ND		0.00051	0.00014	ND		0.00046	0.00013	ND		0.00052	0.00014	ND		0.00065	0.00018	ND		0.00059	0.00016	ND		0.00044	0.00012
Total VOCs		NA	NA	0.00149	-	-	-	0.00028	-	-	-	-	-	-	-	-	-	-	-	0.00024	-	-	-	ND	-	-	-
VOLATILE ORGANICS BY EPA 5035-TIC																											
1-Pentene	000109-67-1	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.00665	NJ	0	0	-	-	-	-	-	-	-	-
Cyclobutane, methyl-	000598-61-8	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Cyclotrisiloxane, Hexamethyl-	000541-05-9	NA	NA	-	-	-	-	0.00203	NJ	0	0	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-	-	-	-	0.00343	J	0	0
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-	-	-	-	0.00186	J	0	0
Unknown		NA	NA	-		-	-	-		-	-	0.00258	J	0	0	-		-	-	0.00432	J	0	0	-		-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-
Unknown		NA	NA	-		-	-	-		-	-	-		-	-	-		-	-	-	-	-	-	0.00284	J	0	0
Unknown Alkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane		NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Total TIC Compounds		NA	NA	-		-	-	0.00203	J	0	0	0.00258	J	0	0	0.00665	J	0	0	0.00432	J	0	0	0.00813	J	0	0
SEMIVOLATILE ORGANICS BY GC/MS																											
2-Nitrophenol	88-75-5	NA	NA	ND		0.4	0.07	ND		0.44	0.077	ND		0.4	0.07	ND		0.42	0.073	ND		0.41	0.072	ND		0.43	0.074
4,6-Dinitro-o-cresol	534-52-1	NA	NA	ND	(UJ)	0.48	0.089	ND	(UJ)	0.53	0.098	ND		0.48	0.089	ND		0.5	0.093	ND		0.5	0.092	ND		0.51	0.095
Bis(2-chloroisopropyl)ether	108-60-1	NA	NA	ND		0.22	0.032	ND		0.24	0.035	ND		0.22	0.032	ND		0.23	0.033	ND		0.23	0.032	ND		0.24	0.034
Caprolactam	105-60-2	NA	NA	ND		0.18	0.056	ND		0.2	0.062	ND		0.18	0.056	ND		0.19	0.059	ND		0.19	0.058	ND	(UJ)	0.2	0.06
Hexachlorocyclopentadiene	77-47-4	NA	NA	ND		0.53	0.17	ND		0.58	0.18	ND		0.53	0.17	ND		0.55	0.18	ND		0.54	0.17	ND	(UJ)	0.56	0.18
SEMIVOLATILE ORGANICS BY GC/MS-TIC																											
Unknown		NA	NA	0.168	J	0	0	-		-	-	-	-	-	-	0.716	J	0	0	-	-	-	-	-	-	-	-
Unknown Amide		NA	NA	-		-	-	-		-	-	0.622	J	0	0	-		-	-	0.639	J	0	0	-		-	-
Total TIC Compounds		NA	NA	0.168	J	0	0	-		-	-	0.622	J	0	0	0.716	J	0	0	0.639	J	0	0	-		-	-
ORGANOCHLORINE PESTICIDES BY GC																											
4,4'-DDE	72-55-9	8.9	0.0033	ND		0.00172	0.000398	ND		0.00186	0.000429	0.000566	JIP	0.00172	0.000399	ND		0.00183	0.000423	ND		0.00187	0.000432	ND		0.00183	0.000423
Alpha-BHC	319-84-6	0.48	0.02	ND		0.000718	0.000204	ND		0.000774	0.00022	ND		0.000719	0.000204	ND		0.000762	0.000216	ND		0.000779	0.000221	ND		0.000762	0.000216
POLYCHLORINATED BIPHENYLS BY GC (None Detecetd Above the Laboratory's Method Detection Limit)																											
TOTAL METALS																											
Aluminum, Total	7429-90-5	NA	NA	4450		8.69	2.35	3330		9.23	2.49	2680		8.64	2.33	2460		8.99	2.43	2290		9.26	2.5	2680		9.38	2.53
Antimony, Total	7440-36-0	NA	NA	ND		4.35	0.33	ND		4.62	0.351	0.337	J	4.32	0.328	ND		4.5	0.342	ND		4.63	0.352	ND		4.69	0.356
Arsenic, Total	7440-38-2	16	13	3.15	(J)	0.869	0.181	2.82	(J)	0.923	0.192	2.4		0.864	0.18	2.41		0.899	0.187	2.08		0.926	0.193	0.938		0.938	0.195
Barium, Total	7440-39-3	400	350	23.1	(J)	0.869	0.151	24.6	(J)	0.923	0.161	10.2		0.864	0.15	10.8		0.899	0.156	8.5		0.926	0.161	11.5		0.938	0.163
Beryllium, Total	7440-41-7	72	7.2	0.252	J	0.435	0.029	0.138	J	0.462	0.031	0.13	J	0.432	0.029	0.09	J	0.45	0.03	0.056	J	0.463	0.031	0.112	J	0.469	0.031
Cadmium, Total	7440-43-9	4.3	2.5	ND		0.869	0.085	ND		0.923	0.091	ND		0.864	0.085	ND		0.899	0.088	ND		0.926	0.091	ND		0.938	0.092
Calcium, Total	7440-70-2	NA	NA	1610	(J)	8.69	3.04	25700	(J)	9.23	3.23	11600		8.64	3.02	29400		8.99	3.15	27900		9.26	3.24	22700		9.38	3.28
Chromium, Total	7440-47-3	180	30	5.25		0.869	0.083	5.51		0.923	0.089	4.04		0.864	0.083	4.65		0.899	0.086	3.84		0.926	0.089	6.32		0.938	0.09
Cobalt, Total	7440-48-4	NA	NA	4.86		1.74	0.144	4.21		1.85	0.153	3.23		1.73	0.143	3		1.8	0.149	2.7		1.85	0.154	3.7		1.88	0.156
Copper, Total	7440-50-8	270	50	12.1		0.869	0.224	9		0.923	0.238	12.1		0.864	0.223	8.26		0.899	0.232	6.71		0.926	0.239	7.36		0.938	0.242
Iron, Total	7439-89-6	NA	NA	10500		4.35	0.785	9990	(J)	4.62	0.834	8790		4.32	0.78	8870		4.5	0.812	8030		4.63	0.836	10600		4.69	0.847
Lead, Total	7439-92-1	400	63	4.17	J	4.35	0.233	3.77	J	4.62	0.247	3.54	J	4.32	0.232	3.12	J	4.5	0.241	2.59	J	4.63	0.248	3.74	J	4.69	0.251
Magnesium, Total	7439-95-4	NA	NA	1750		8.69	1.34	5880		9.23	1.42	1390		8.64	1.33	1520		8.99	1.38	1440		9.26	1.43	4900		9.38	1.44
Manganese, Total	7439-96-5	2,000	1,600	183	(J)	0.869	0.138	237	(J)	0.923	0.147	211		0.864	0.137	200		0.899	0.143	174		0.926	0.147	192		0.938	0.149
Nickel, Total	7440-02-0	310	30	11		2.17	0.21	7.19		2.31	0.223	7.13		2.16	0.209	6.15		2.25	0.218	5.52		2.32	0.224	6.15		2.34	0.227
Potassium, Total	7440-09-7	NA	NA	496		217	12.5	446		231	13.3	309		216	12.4	292		225	13	272		232	13.3	260		234	13.5
Selenium, Total	7782-49-2	180	3.9	0.322	J	1.74	0.224	ND		1.85	0.238	0.311	J	1.73	0.223	ND		1.8	0.232	0.398	J	1.85	0.239	ND		1.88	0.242
Sodium, Total	7440-23-5	NA	NA	58.8	J (U)	174	2.74	127	J (U)	185	2.91	33.9	J	173	2.72	45.8	J	180	2.83	66.3	J	185	2.92	77.6	J	188	2.95
Thallium, Total	7440-28-0	NA	NA	ND		1.74	0.274	ND		1.85	0.291	ND		1.73	0.272	ND		1.8	0.283	ND		1.85	0.292	ND		1.88	0.295
Vanadium, Total	7440-62-2	NA	NA	8.7	(J)	0.869	0.176	11.1	(J)	0.923	0.187	7.57		0.864	0.175	8.83		0.899	0.182	8.35		0.926	0.188	13.6		0.938	0.19
Zinc, Total	7440-66-6	10,000	109	30.8		4.35	0.255	23		4.62	0.27	25		4.32	0.253	19.1		4.5	0.264	17.5		4.63	0.271	22.2		4.69	0.275
GENERAL CHEMISTRY																											
Solids, Total	NONE	NA	NA	89.6		0.1	NA	81.3		0.1	NA	88		0.1	NA	85		0.1	NA	84.8		0.1	NA	83.3		0.1	NA

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375.
(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375.
NA denotes Not Applicable.

TABLE 7: PREVIOUS INVESTIGATION SUBSURFACE SOIL ANALYTICAL RESULTS SUMMARY
830 AND 834 ALBANY STREET PARCELS
HAMILTON HILL II - TARGET AREA 1 SITE
CITY OF SCHENECTADY, SCHENECTADY COUNTY

Data Not Validated

Parameter	Rest. Res. Use SCOs[2]	Unrestricted Use SCOs[1]	GP-8 (0-2' bgs) 8/9/2018		GP-9 (0-2' bgs) 8/9/2018		GP-11 (4'-6' bgs) 8/9/2018		GP-12 (2'-4' bgs) 8/9/2018	
Semi-Volatile Organic Compounds										
2-Methylnaphthalene	NS	NS	2		ND		ND		ND	
2-Methylphenol	100	0.33	0.046	J	ND		ND		ND	
3-Methylphenol/4-Methylphenol	100	0.33	0.17	J	ND		ND		ND	
Acenaphthene	100	20	3.9		ND		ND		0.11	J
Acenaphthylene	100	100	0.3		ND		0.041	J	0.087	J
Anthracene	100	100	9.1		ND		0.064	J	0.7	
Benzo(a)anthracene	1	1	**24**		0.038	J	0.32		**3.1**	
Benzo(a)pyrene	1	1	**20**		ND		0.29		**2.8**	
Benzo(b)fluoranthene	1	1	**27**		0.056	J	0.42		**4.2**	
Benzo(ghi)perylene	100	100	13		0.027	J	0.19		1.9	
Benzo(k)fluoranthene	3.9	0.8	**2.7**		ND		0.14		**1.2**	
Biphenyl	NS	NS	0.52		ND		ND		ND	
Bis(2-ethylhexyl)phthalate	NS	NS	ND		ND		0.071	J	ND	
Carbazole	NS	NS	5.1		ND		0.03	J	0.35	
Chrysene	3.9	1	**25**		0.047	J	0.36		**3.5**	
Dibenzo(a,h)anthracene	0.33	0.33	**2.4**		ND		0.056	J	**0.5**	
Dibenzofuran	59	7	3.9		ND		ND		0.075	J
Fluoranthene	100	100	62		0.074	J	0.63		8	
Fluorene	100	30	3.7		ND		0.02	J	0.18	
Indeno(1,2,3-cd)pyrene	0.5	0.5	**13**		0.03	J	0.21		**2.2**	
Naphthalene	100	12	5		ND		ND		0.025	J
Phenanthrene	100	100	60		0.032	J	0.28		3.9	
Phenol	100	0.33	0.074	J	ND		ND		ND	
Pyrene	100	100	50		0.07	J	0.55		5.7	
Metals										
Aluminum, Total	NS	NS	5790		5320		4590		6360	
Antimony, Total	NS	NS	2.02	J	ND		0.876	J	ND	
Arsenic, Total	16	13	**31.7**		8.96		5.63		4.95	
Barium, Total	400	350	93.7		49.4		**450**		48.3	
Beryllium, Total	72	72	0.359	J	0.298	J	0.214	J	0.314	J
Cadmium, Total	4.3	2.5	1.9		0.368	J	0.593	J	0.281	J
Calcium, Total	NS	NS	14300		12100		14000		42300	
Chromium, Total	180	30	5.52		7.1		8.04		8.01	
Cobalt, Total	NS	NS	3.58		4.64		4.09		4.8	
Copper, Total	270	50	18.1		21.6		21		14.4	
Iron, Total	NS	NS	9530		13200		13900		13400	
Lead, Total	400	63	**566**		**122**		**486**		40.1	
Magnesium, Total	NS	NS	3640		5010		2260		9630	
Manganese, Total	2,000	1,600	205		307		233		418	
Mercury, Total	0.81	0.18	**0.217**		**0.219**		0.134		0.159	
Nickel, Total	310	30	6.76		9.84		7.87		10.2	
Potassium, Total	NS	NS	409		486		465		864	
Selenium, Total	180	3.9	0.308	J	0.358	J	ND		ND	
Sodium, Total	NS	NS	189		52.8	J	163	J	202	
Vanadium, Total	NS	NS	11.2		13.2		13.5		14	
Zinc, Total	10,000	109	**811**		92.7		82.4		52.7	

(1) Soil Cleanup Objectives (SCOs) for Unrestricted Use Sites promulgated at 6 NYCRR Part 375

(2) SCOs for Restricted (Restricted-Residential) Use Sites promulgated at 6 NYCRR Part 375

All values are shown in parts per million.

ND=Not detected above the laboratory method detection limit.

NS=No Standard

Only the compounds and analytes that were detected are listed