TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring E-3								Boring E-4							
			0-2		2-4		4-6		8-10		0-2		2-4		4-6		8-10	
			TOB023		TOB023		TOB023		TOB023		TOB012		TOB012		TOB012		TOB012	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.054	U	0.15		0.084	B	0.054	U	0.11		0.079	B	0.056	U	0.055	B
Aluminum	SB	33,000					7370						6770	J*				
Antimony	SB	N/A					0.36	U					0.37	U				
Arsenic	7.5 or SB	3 - 12	3.4	JN*	7.7	JN*	6.2	JN*	3.5	JN*	4.2	J*	3.7	J*	4.1	J*	2.0	J*
Barium	300 or SB	15 - 600	14.7	B	29.8		26.9		21.9		17.1	B	21.1	B	23.6		15.8	B
Beryllium	0.16 or SB	0 - 1.75					1.9	JU					1.9	JU				
Calcium	SB	130 – 35,000					358	B					661	J*				
Cadmium	10	0.1 - 1	1.2		0.91		0.39	B	1.1		1.4		1.7		2.1		0.95	
Chromium	50	1.5 - 40	42.1	J*E	16.0	J*E	17.2	J*E	62.9	J*E	29.3	J*	18.3	*	27.8	J*	27.7	J*
Cobalt	30 or SB	2.5 - 60					2.4	B					2.7	B				
Copper	25 or SB	1 - 50					23.9						21.1	J*				
Iron	2,000 or SB	2,000 – 550,000					9190	J*					7850					
Lead	400	200 - 500	17.2	J*	21.5	J*	20.0	J*	10.3	J*	21.8	J*	16.5	J*	17.6	J*	7.3	J*
Magnesium	SB	100 – 5,000					716						841					
Manganese	SB	50 – 5,000					160	J*					121					
Nickel	13 or SB	0.5 - 25					6.7						4.7					
Potassium	SB	8,500 – 43,000					222	B					360	JBE				
Selenium	2 or SB	0.1 - 3.9	0.58	U	0.66		0.59	U	0.58	U	0.58	U	0.60	U	0.60	U	0.59	U
Silver	SB	N/A	6.7		0.97	B	2.1		1.7		3.0		3.7		3.4		1.0	B
Sodium	SB	6,000 - 8,000					20.8	B					28.4	B				
Thallium	SB	N/A					0.62	B					0.56	U				
Vanadium	150 or SB	1 - 300					13.9						13.4					
Zinc	20 or SB	9 - 50					32.0	J*					33.7	J*				
Chromium (VI)	50	1.5 - 40					1.1	U					1.1	U				
Cyanide	**	–					0.8	J					0.56	U				

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring E-5				Boring E-6			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB023	TOB023	TOB023	TOB023	TOB015	TOB015	TOB015	TOB015
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.11	0.057 B	0.054 U	0.053 U	0.20	0.051 U	0.052 U	0.052 U
Aluminum	SB	33,000		5000				2680 J*		
Antimony	SB	N/A		0.35 U				0.34 U		
Arsenic	7.5 or SB	3 - 12	5.3 JN*	2.2 JN*	2.5 JN*	2.9 JN*	6.8	1.5	1.1	2.0
Barium	300 or SB	15 - 600	23.4	15.1 B	14.9 B	26.8	31.0	10.2 B	10.7 B	14.9 B
Beryllium	0.16 or SB	0 - 1.75		1.8 JU				1.8 JU		
Calcium	SB	130 – 35,000		313 B				197 BEJ		
Cadmium	10	0.1 - 1	1.3	0.44 B	0.26 B	0.59	0.85	0.25 B	0.14 B	0.17 B
Chromium	50	1.5 - 40	30.0 J*E	33.6 J*E	38.4 J*E	55.5 J*E	21.4 NR	9.6 NR	11.5 NR	13.8 NR
Cobalt	30 or SB	2.5 - 60		2.3 B				1.7 B		
Copper	25 or SB	1 - 50		7.2				3.8		
Iron	2,000 or SB	2,000 – 550,000		6430 J*				4640		
Lead	400	200 - 500	19.4 J*	5.7 J*	5.6 J*	7.4 J*	18.3 J*	2.7 J*	1.9 J*	6.0 J*
Magnesium	SB	100 – 5,000		652				495 B		
Manganese	SB	50 – 5,000		61.3 J*				61.5 JN		
Nickel	13 or SB	0.5 - 25		4.3				3.1 B		
Potassium	SB	8,500 – 43,000		199 B				178 BEJ		
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.57 U	0.58 U	0.57 U	0.62 J	0.55 U	0.55 U	0.56 U
Silver	SB	N/A	3.2	1.2	0.78 B	0.93 B	2.2	0.37 U	0.37 U	0.50 B
Sodium	SB	6,000 - 8,000		40.7 B				38.2 B		
Thallium	SB	N/A		0.53 U				0.51 U		
Vanadium	150 or SB	1 - 300		8.3				5.3		
Zinc	20 or SB	9 - 50		28.7 *				18.9 *EJ		
Chromium (VI)	50	1.5 - 40		1.1 U				1 U		
Cyanide	**	–		0.53 UJ				0.51 U		

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring E-7				Boring E-8				
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	6-8	8-10
			TOB023	TOB023	TOB023	TOB023	TOB028	TOB028	TOB028	TOB028	TOB028
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.051 U	0.052 U	0.051 U	0.052 U	0.052 U	0.051 U	0.051 U	0.051 U
Aluminum	SB	33,000	1440								921 J*
Antimony	SB	N/A	0.34 U								0.34 U
Arsenic	7.5 or SB	3 - 12	2.2 JN*	0.82 JBN*	1.6 JN*	0.85 JBN*	1.5	1.7	0.58 U	0.58 U	0.58 U
Barium	300 or SB	15 - 600	4.7 B	4.1 B	16.0 B	4.0 B	6.5 B	6.1 B	5.4 B	6.1 B	4.8 B
Beryllium	0.16 or SB	0 - 1.75	1.8 U								1.7 JU
Calcium	SB	130 – 35,000	973								99.2 JB*
Cadmium	10	0.1 - 1	0.038 U	0.037 U	0.054 B	0.037 U	0.038 U	0.038 U	0.038 U	0.038 U	0.037 U
Chromium	50	1.5 - 40	5.1 J*E	2.3 J*E	11.5 J*E	2.9 J*E	3.2	2.8	19.7	18.2	2.9
Cobalt	30 or SB	2.5 - 60	1.2 B								0.76 B
Copper	25 or SB	1 - 50	3.0								1.5 B
Iron	2,000 or SB	2,000 – 550,000	5900 J*								3160
Lead	400	200 - 500	0.82 J*	0.68 J*	1.9 J*	0.36 J*	1.4 J*	1.7 J*	1.0 J*	0.64 J*	0.80 J*
Magnesium	SB	100 – 5,000	301 B								184 B
Manganese	SB	50 – 5,000	66.6 J*								44.1 J*
Nickel	13 or SB	0.5 - 25	3.0 B								1.4 B
Potassium	SB	8,500 – 43,000	146 B								122 B
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.55 U	0.56 U	0.55 U	0.56 U	0.55 U	0.55 U	0.55 U	0.55 U
Silver	SB	N/A	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000	55.5 B								19.8 B
Thallium	SB	N/A	0.52 U								0.51 U
Vanadium	150 or SB	1 - 300	4.5 B								2.4 B
Zinc	20 or SB	9 - 50	11.3 *								4.8 J*E
Chromium (VI)	50	1.5 - 40	1 U								1 U
Cyanide	**	–	0.52 UJ								0.51 U

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring E-9					Boring E-10		
			0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6
			TOB030	TOB030	TOB030	TOB030	TOB030	TOB028	TOB028	TOB028
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.067 B	0.057 B	0.052 U	0.052 U	0.067 B	0.051 U	0.052 U	0.051 U
Aluminum	SB	33,000				1050 J*		2350 J*		
Antimony	SB	N/A				0.60 U		0.33 U		
Arsenic	7.5 or SB	3 - 12	3.5	0.83 B	0.82 B	0.49 B	3.2	2.1	1.4	2.9
Barium	300 or SB	15 - 600	18.5 B	5.1 B	12.9 B	3.4 B	20.5 B	17.6 B	14.0 B	49.8
Beryllium	0.16 or SB	0 - 1.75				0.12 B		1.7 JU		
Calcium	SB	130 – 35,000				61.5 B		4220 J*		
Cadmium	10	0.1 - 1	0.22 B	0.066 U	0.068 U	0.068 U	0.12 B	0.13 B	0.038 U	0.16 B
Chromium	50	1.5 - 40	10.1	2.9	4.8	2.4	16.9	7.6	8.5	12.4
Cobalt	30 or SB	2.5 - 60				0.98 B		1.5 B		
Copper	25 or SB	1 - 50				1.9 B		4.5		
Iron	2,000 or SB	2,000 – 550,000				3130 J*		4020		
Lead	400	200 - 500	6.6	1.2	4.5	1.3	21.3	6.8 J*	3.0 J*	11.5 J*
Magnesium	SB	100 – 5,000				230 B		505 B		
Manganese	SB	50 – 5,000				44.8		56.7 J*		
Nickel	13 or SB	0.5 - 25				2.1 B		1.9 B		
Potassium	SB	8,500 – 43,000				134 B		191 B		
Selenium	2 or SB	0.1 - 3.9	0.49 UN	0.47 UN	0.49 UN	0.49 UN	0.49 UN	0.54 U	0.56 U	0.55 U
Silver	SB	N/A	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.36 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000				17.5 B		16.8 B		
Thallium	SB	N/A				0.42 U		0.51 U		
Vanadium	150 or SB	1 - 300				2.9 B		5.4		
Zinc	20 or SB	9 - 50				4.0		39.2 J*E		
Chromium (VI)	50	1.5 - 40				1 U		1 U		
Cyanide	**	–				0.52 U		0.51 U		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring E-11								Boring E-13							
			0-2		2-4		4-6		8-10		0-2		2-4		4-6		8-10	
			TOB044		TOB044		TOB044		TOB044		TOB025		TOB025		TOB025		TOB025	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.054	UJN	0.052	UJN	0.051	UJN	0.051	UJN	0.053	URN	0.051	URN	0.051	URN	0.051	URN
Aluminum	SB	33,000			4080								1470					
Antimony	SB	N/A			0.60	U							0.59	U				
Arsenic	7.5 or SB	3 - 12	0.76	B	1.4		1.1		9.5		6.7		1.2		0.99	B	0.65	B
Barium	300 or SB	15 - 600	8.4	B	13.5	B	5.4	B	5.7	B	15.0	B	5.6	B	7.5	B	6.6	B
Beryllium	0.16 or SB	0 - 1.75			0.11	B							0.10	B				
Calcium	SB	130 – 35,000			464	B							124	JB*				
Cadmium	10	0.1 - 1	0.17	JBE	0.12	JBE	0.067	JUE	0.067	JUE	0.42	B	0.72		0.83		0.32	B
Chromium	50	1.5 - 40	5.1		7.3		4.9		7.8		19.2		25.6		48.1		39.4	
Cobalt	30 or SB	2.5 - 60			2.4	B							1.0	B				
Copper	25 or SB	1 - 50			5.6	JE							3.6	JN				
Iron	2,000 or SB	2,000 – 550,000			7000	JE							4190					
Lead	400	200 - 500	3.0		3.9		2.5		2.2		18.9	J*	2.6	J*	4.2	J*	2.6	J*
Magnesium	SB	100 – 5,000			742								215	B				
Manganese	SB	50 – 5,000			102								57.0					
Nickel	13 or SB	0.5 - 25			3.4	B							2.0	B				
Potassium	SB	8,500 – 43,000			259	JBE							108	JBE				
Selenium	2 or SB	0.1 - 3.9	0.50	JU	0.49	UJ	0.79	J	0.55	J	0.50	UJN	0.48	UJN	0.56	JN	0.48	UJN
Silver	SB	N/A	0.14	U	0.14	U	0.14	U	0.14	U	1.1	JN	0.14	UJN	0.14	UJN	0.14	UJN
Sodium	SB	6,000 - 8,000			60.9	B							16.1	B				
Thallium	SB	N/A			0.52	B							0.41	U				
Vanadium	150 or SB	1 - 300			9.0								3.5	B				
Zinc	20 or SB	9 - 50			11.4	E							16.1					
Chromium (VI)	50	1.5 - 40			1	U							3.5					
Cyanide	**	--			0.52	UJN							0.51	U				

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-1									
			0-2	2-4	4-6	6-8	8-10	18-20	28-30	38-40	48-50	58-60
			TOB040	TOB040	TOB040	TOB040	TOB040	TOB040	TOB040	TOB040	TOB040	TOB040
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.075 B	0.062 B	0.051 U	0.051 U	0.053 U	0.051 U	0.051 U	0.052 U	0.055 U	0.052 U
Aluminum	SB	33,000						5400				
Antimony	SB	N/A						0.34 U				
Arsenic	7.5 or SB	3 - 12	4.0	3.8	1.1	0.86 B	5.3	1.6	4.7	1.3	2.0	1.4
Barium	300 or SB	15 - 600	15.0 B	29.2	10.6 B	4.1 B	27.6	24.7	12.0 B	6.1 B	4.8 B	4.2 B
Beryllium	0.16 or SB	0 - 1.75						1.7 JU				
Calcium	SB	130 – 35,000						180 JB*				
Cadmium	10	0.1 - 1	0.42 B	0.13 B	0.037 U	0.037 U	0.21 B	0.037 U	0.037 U	0.038 U	0.040 U	0.038 U
Chromium	50	1.5 - 40	18.1	17.0	3.8 J	2.2 J	20.8	6.8	10.4	6.9	2.6 J	4.4
Cobalt	30 or SB	2.5 - 60						2.1 B				
Copper	25 or SB	1 - 50						6.0				
Iron	2,000 or SB	2,000 – 550,000						10700				
Lead	400	200 - 500	11.6 JNE	7.5 JNE	1.5 JNE	0.65 JNE	12.5 JNE	1.3 JNE	0.12 UJNE	0.49 JNE	2.3 JNE	1.3 JNE
Magnesium	SB	100 – 5,000						1600				
Manganese	SB	50 – 5,000						165 JN				
Nickel	13 or SB	0.5 - 25						7.0				
Potassium	SB	8,500 – 43,000						316 B				
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.60 U	0.55 U	0.55 U	0.57 U	0.55 U	0.55 U	0.56 U	0.59 U	0.56 U
Silver	SB	N/A	1.5	0.40 U	0.37 U	0.36 U	2.0	0.37 U	0.37 U	0.37 U	0.39 U	0.37 U
Sodium	SB	6,000 - 8,000						23.1 B				
Thallium	SB	N/A						0.66 B				
Vanadium	150 or SB	1 - 300						7.6				
Zinc	20 or SB	9 - 50						20.8				
Chromium (VI)	50	1.5 - 40						1 U				
Cyanide	**	--						0.51 U				

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-3								
			0-2	2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			TOB043	TOB043	TOB043	TOB043	TOB043	TOB043	TOB043	TOB043	TOB043
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.11	0.075 B	0.053 U	0.051 U	0.052 U	0.052 U	0.052 U	0.055 U	0.056 U
Aluminum	SB	33,000				1820					
Antimony	SB	N/A				0.34 U					
Arsenic	7.5 or SB	3 - 12	7.1	5.0	3.5	1.4	1.3	2.7	5.1	38.0	2.3
Barium	300 or SB	15 - 600	24.2	18.0 B	18.1 B	6.0 B	6.2 B	5.4 B	7.9 B	5.4 B	13.4 B
Beryllium	0.16 or SB	0 - 1.75				1.7 JU					
Calcium	SB	130 – 35,000				159 B					
Cadmium	10	0.1 - 1	0.75	0.57	0.34 B	0.17 B	0.038 U	0.038 U	0.038 U	0.040 U	0.24 B
Chromium	50	1.5 - 40	25.7 J*E	19.1 J*E	17.8 J*E	14.8 J*E	4.0 J*E	25.1 J*E	15.9 J*E	40.3 J*E	11.2 J*E
Cobalt	30 or SB	2.5 - 60				1.3 B					
Copper	25 or SB	1 - 50				3.7					
Iron	2,000 or SB	2,000 – 550,000				6240					
Lead	400	200 - 500	23.3 JN*	15.7 JN*	10.1 JN*	2.0 JN*	0.84 JN*	0.37 JN*	0.60 JN*	0.22 JBN*	5.2 JN*
Magnesium	SB	100 – 5,000				283 JBE					
Manganese	SB	50 – 5,000				74.7					
Nickel	13 or SB	0.5 - 25				2.0 B					
Potassium	SB	8,500 – 43,000				153 JBE					
Selenium	2 or SB	0.1 - 3.9	0.57	0.57 U	0.56 U	0.55 U	0.56 U	0.56 U	0.56 U	0.59 U	0.20 U
Silver	SB	N/A	2.4	1.7	1.3	0.37 U	0.37 U	0.37 U	0.37 U	0.39 U	0.50 B
Sodium	SB	6,000 - 8,000				19.6 B					
Thellium	SB	N/A				0.83 B					
Vanadium	150 or SB	1 - 300				4.4 B					
Zinc	20 or SB	9 - 50				8.2 JE					
Chromium (VI)	50	1.5 - 40				1 U					
Cyanide	**	--				0.51 U					

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e.. less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-5								
			0-2	2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.054 U	0.052 U	0.052 U	0.054 U	0.053 U	0.052 U	0.053 U	0.059 U
Aluminum	SB	33,000		3500 JE							
Antimony	SB	N/A		0.36 U							
Arsenic	7.5 or SB	3 - 12	2.3	1.4	0.97	1.6	0.79	6.8	0.59 U	0.60 U	0.85
Barium	300 or SB	15 - 600	10.4	10.0	7.4	8.4	7.1	14.0	4.3	1.8	3.3
Beryllium	0.16 or SB	0 - 1.75		1.9 JU							
Calcium	SB	130 – 35,000		673							
Cadmium	10	0.1 - 1	0.087 B	0.051 B	0.073 B	0.038 U	0.040 U	0.043 B	0.038 U	0.039 U	0.043 U
Chromium	50	1.5 - 40	24.9	13.2	11.4	32.5	6.9	50.3	3.9	0.42 B	3.5
Cobalt	30 or SB	2.5 - 60		2.2 B							
Copper	25 or SB	1 - 50		3.1							
Iron	2,000 or SB	2,000 – 550,000		6990 J*							
Lead	400	200 - 500	1.3	1.5	1.1	1.0	0.87	1.3	0.73	0.66	0.99
Magnesium	SB	100 – 5,000		597							
Manganese	SB	50 – 5,000		85.4 J*							
Nickel	13 or SB	0.5 - 25		2.9 B							
Potassium	SB	8,500 – 43,000		231 JBE							
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.58 U	0.55 U	0.56 U	0.58 U	0.58 U	0.56 U	0.57 U	0.64 U
Silver	SB	N/A	0.37 U	0.39 U	0.37 U	0.37 U	0.39 U	0.38 U	0.37 U	0.38 U	0.43 U
Sodium	SB	6,000 - 8,000		27.0 B							
Thallium	SB	N/A		0.54 U							
Vanadium	150 or SB	1 - 300		6.7							
Zinc	20 or SB	9 - 50		9.8 J*E							
Chromium (VI)	50	1.5 - 40		1.3							
Cyanide	**	–		0.54 U							

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E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-7							
			0-2	2-4	8-10	18-20	28-30	38-40	48-50	58-60
			TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.051 U	0.051 U	0.051 U	0.052 U	0.052 U	0.052 U	0.057 U
Aluminum	SB	33,000		1920						
Antimony	SB	N/A		0.34 U						
Arsenic	7.5 or SB	3 - 12	2.2	1.2	0.58 U	0.58 U	3.5	0.63 B	3.9	0.65 U
Barium	300 or SB	15 - 600	9.0 B	9.8 B	4.2 B	5.6 B	6.2 B	2.2 B	3.7 B	2.3 B
Beryllium	0.16 or SB	0 - 1.75		1.8 JU						
Calcium	SB	130 – 35,000		11700 J*						
Cadmium	10	0.1 - 1	0.17 B	0.061 B	0.038 U	0.037 U	0.038 U	0.038 U	0.038 U	0.042 U
Chromium	50	1.5 - 40	24.2 J*	6.6 J*	4.3 J*	5.0 J*	6.1 J*	1.8 J*	7.7 J*	0.79 JB*
Cobalt	30 or SB	2.5 - 60		1.4 B						
Copper	25 or SB	1 - 50		5.4						
Iron	2,000 or SB	2,000 – 550,000		4150						
Lead	400	200 - 500	3.0	2.8	1.1	0.51	0.59	1.0	1.2	0.77
Magnesium	SB	100 – 5,000		3930 J*						
Manganese	SB	50 – 5,000		68.7						
Nickel	13 or SB	0.5 - 25		2.7 B						
Potassium	SB	8,500 – 43,000		187 JBE						
Selenium	2 or SB	0.1 - 3.9	0.56 U	0.55 U	0.55 U	0.55 U	0.56 U	0.56 U	0.56 U	0.62 U
Silver	SB	N/A	0.37 JUN	0.75 JBN	0.37 JUN	0.37 JUN	0.37 JUN	0.37 JUN	0.37 JUN	0.41 JUN
Sodium	SB	6,000 - 8,000		74.7 B						
Thallium	SB	N/A		0.51 U						
Vanadium	150 or SB	1 - 300		7.2						
Zinc	20 or SB	9 - 50		19.0 JE						
Chromium (VI)	50	1.5 - 40		1 U						
Cyanide	**	--		0.51 U						

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N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-9									
			0-2	2-4	4-6	6-8	8-10	18-20	28-30	38-40	48-50	58-60
			TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029	TOB029
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 B	0.051 U	0.051 U	0.052 U	0.051 U	0.066 B	0.064 B	0.053 U	0.052 U	0.057 U
Aluminum	SB	33,000				758						
Antimony	SB	N/A				0.34 U						
Arsenic	7.5 or SB	3 - 12	0.93 B	0.57 U	1.6	0.98 B	0.73 B	1.1	28.7	1.3	2.0	1.7
Barium	300 or SB	15 - 600	6.2 B	4.0 B	5.5 B	4.4 B	4.6 B	4.9 B	12.9 B	1.6 B	3.5 B	1.4 B
Beryllium	0.16 or SB	0 - 1.75				1.8 JU						
Calcium	SB	130 – 35,000				126 JB*						
Cadmium	10	0.1 - 1	0.037 U	0.037 U	0.038 U	0.038 U	0.037 U	0.037 U	0.041 U	0.039 U	0.038 U	0.042 U
Chromium	50	1.5 - 40	5.1 J*	2.2 J*	4.9 J*	5.2 J*	18.2 J*	3.5 J*	59.9 J*	2.7 J*	3.1 J*	1.4 J*
Cobalt	30 or SB	2.5 - 60				0.69 B						
Copper	25 or SB	1 - 50				1.6 B						
Iron	2,000 or SB	2,000 – 550,000				2600						
Lead	400	200 - 500	0.90	2.9	1.2	0.56	0.45	0.54	0.13 U	1.9	0.48	1.7
Magnesium	SB	100 – 5,000				180 JB*						
Manganese	SB	50 – 5,000				32.7						
Nickel	13 or SB	0.5 - 25				1.3 B						
Potassium	SB	8,500 – 43,000				122 JBE						
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.55 U	0.55 U	0.56 U	0.55 U	0.55 U	0.61 U	0.57 U	0.55 U	0.61 U
Silver	SB	N/A	0.36 JUN	0.36 JUN	0.37 JUN	0.37 UN	0.36 JUN	0.37 JUN	0.40 JUN	0.38 JUN	0.37 JUN	0.41 JUN
Sodium	SB	6,000 - 8,000				32.2 B						
Thallium	SB	N/A				0.52 U						
Vanadium	150 or SB	1 - 300				2.0 B						
Zinc	20 or SB	9 - 50				6.4 JE						
Chromium (VI)	50	1.5 - 40				1 U						
Cyanide	**	--				0.52 U						

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-11								
			0-2	2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			TOB033	TOB033	TOB033	TOB033	TOB033	TOB033	TOB033	TOB033	TOB033
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.053 U	0.052 U	0.058 U
Aluminum	SB	33,000			1290						
Antimony	SB	N/A			0.37 B						
Arsenic	7.5 or SB	3 - 12	1.7	2.7	0.66 B	0.65 B	0.61 B	34.6	37.9 B	9.1	2.9
Barium	300 or SB	15 - 600	8.9 B	9.3 B	3.4 B	2.6 B	5.4 B	4.6 B	7.1 U	3.8 B	4.2 B
Beryllium	0.16 or SB	0 - 1.75			1.8 JU						
Calcium	SB	130 – 35,000			175 B						
Cadmium	10	0.1 - 1	0.052 B	0.038 B	0.038 U	0.038 U	0.037 U	0.038 U	0.78 U	0.038 U	0.043 U
Chromium	50	1.5 - 40	7.3	7.6	8.6	6.4	2.2	37.0	107 B	17.3	5.2
Cobalt	30 or SB	2.5 - 60			0.96 B						
Copper	25 or SB	1 - 50			1.5 B						
Iron	2,000 or SB	2,000 – 550,000			2900 J*						
Lead	400	200 - 500	11.4	6.7	1.0	0.52	0.28 B	0.12 U	2.5 U	1.3	1.5
Magnesium	SB	100 – 5,000			166 B						
Manganese	SB	50 – 5,000			65.0 J*						
Nickel	13 or SB	0.5 - 25			1.7 B						
Potassium	SB	8,500 – 43,000			116 JBE						
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	11.4 U	0.56 U	0.63 U
Silver	SB	N/A	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	7.6 U	0.37 U	0.42 U
Sodium	SB	6,000 - 8,000			14.6 B						
Thallium	SB	N/A			0.51 U						
Vanadium	150 or SB	1 - 300			2.3 B						
Zinc	20 or SB	9 - 50			5.0						
Chromium (VI)	50	1.5 - 40			1 U						
Cyanide	**	–			0.51 U						

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-13															
			0-2		2-4		4-6		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB040		TOB040		TOB040		TOB040		TOB040		TOB040		TOB040		TOB040		TOB040	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.051	U	0.052	U	0.051	U	0.051	U	0.052	U	0.052	U	0.054	U	0.050	U	0.057	U
Aluminum	SB	33,000	2270																	
Antimony	SB	N/A	0.34	U																
Arsenic	7.5 or SB	3 - 12	5.5		2.9		2.9		0.89	B	0.79	B	1.6		4.2		19.6		2.5	
Barium	300 or SB	15 - 600	8.2	B	9.1	B	12.7	B	4.6	B	18.8	B	5.7	B	4.1	B	5.1	B	3.6	B
Beryllium	0.16 or SB	0 - 1.75	1.8	JU																
Calcium	SB	130 – 35,000	3120	J*																
Cadmium	10	0.1 - 1	0.34	B	0.47	B	0.35	B	0.038	U	0.038	U	0.038	U	0.039	U	0.040	U	0.042	U
Chromium	50	1.5 - 40	19.8		24.2		34.2		5.1		3.1	J	8.6		7.4		39.3		9.1	
Cobalt	30 or SB	2.5 - 60	6.1																	
Copper	25 or SB	1 - 50	5.4																	
Iron	2,000 or SB	2,000 – 550,000	4720																	
Lead	400	200 - 500	7.0	JNE	4.9	JNE	4.8	JNE	0.86	JNE	1.1	JNE	0.92	JNE	1.6	JNE	0.13	JNE	0.80	JNE
Magnesium	SB	100 – 5,000	715																	
Manganese	SB	50 – 5,000	59.7	JN																
Nickel	13 or SB	0.5 - 25	2.0	B																
Potassium	SB	8,500 – 43,000	265	B																
Selenium	2 or SB	0.1 - 3.9	0.55	U	0.56	U	0.55	U	0.55	U	0.56	U	0.55	U	0.56	U	0.59	U	0.61	U
Silver	SB	N/A	0.96	B	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.38	U	0.39	U	0.41	U
Sodium	SB	6,000 - 8,000	94.6	B																
Thallium	SB	N/A	0.51	U																
Vanadium	150 or SB	1 - 300	7.6																	
Zinc	20 or SB	9 - 50	19.5																	
Chromium (VI)	50	1.5 - 40	1.1																	
Cyanide	**	–	0.51	U																

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-2								Boring F-4							
			0-2		2-4		4-6		8-10		0-2		2-4		4-6		8-10	
			TOB041		TOB041		TOB041		TOB041		TOB024		TOB024		TOB024		TOB024	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.13		0.080	B	0.052	U	0.12		0.054	U	0.053	U	0.051	U	0.051	U
Aluminum	SB	33,000			7880	J							1510	*				
Antimony	SB	N/A			0.35	U							0.35	U				
Arsenic	7.5 or SB	3 - 12	6.7		4.6		2.6		2.4		3.5		1.1		1.2		0.92	B
Barium	300 or SB	15 - 600	27.4		22.1		15.0	B	14.5	B	21.2	B	17.9	B	3.2	B	5.9	B
Beryllium	0.16 or SB	0 - 1.75			1.8	JU							1.8	U				
Calcium	SB	130 – 35,000			790	J							119	BE				
Cadmium	10	0.1 - 1	1.4	JN	0.85	JN	0.61	JN	0.51	JBN	0.77		0.13	B	0.037	U	0.038	U
Chromium	50	1.5 - 40	42.7	J	39.7	J	22.9	J	25.9	J	22.8	*	2.0	*	4.7	*	13.4	*
Cobalt	30 or SB	2.5 - 60			3.7	B							4.7	B				
Copper	25 or SB	1 - 50			42.0								2.3	B				
Iron	2,000 or SB	2,000 – 550,000			10300	J							2970	*				
Lead	400	200 - 500	28.0	R	23.8	R	12.1	R	10.2	R	16.3	N*	3.8	N*	0.72	N*	0.89	N*
Magnesium	SB	100 – 5,000			1050								239	B				
Manganese	SB	50 – 5,000			114	R							172	N*				
Nickel	13 or SB	0.5 - 25			6.8								2.4	B				
Potassium	SB	8,500 – 43,000			388	JBE							127	BE				
Selenium	2 or SB	0.1 - 3.9	0.55	JUN	0.58	JUN	0.56	JUN	0.56	JUN	0.58	U	0.57	U	0.55	U	0.55	U
Silver	SB	N/A	7.0		8.4		3.8		3.0		0.70	B	0.38	U	0.36	U	0.37	U
Sodium	SB	6,000 - 8,000			26.6	B							17.1	B				
Thallium	SB	N/A			0.54	U							0.90	B				
Vanadium	150 or SB	1 - 300			15.0								2.9	B				
Zinc	20 or SB	9 - 50			37.0	JN							7.1	*				
Chromium (VI)	50	1.5 - 40			1.1	U							2.1					
Cyanide	**	–			2.8								0.53	U				

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-6				Boring F-8			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB023	TOB023	TOB023	TOB023	TOB028	TOB028	TOB028	TOB028
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.052 U	0.051 U	0.057 U
Aluminum	SB	33,000		1240			2050 J*			
Antimony	SB	N/A		0.34 U			0.34 U			
Arsenic	7.5 or SB	3 - 12	1.3 JN*	0.82 JBN*	0.98 JBN*	0.58 UJN*	1.4	0.86 B	0.83 B	0.84 B
Barium	300 or SB	15 - 600	8.8 B	4.3 JB	4.6 B	5.1 B	7.9 B	4.3 B	6.2 B	6.6 B
Beryllium	0.16 or SB	0 - 1.75		1.8 U			1.8 JU			
Calcium	SB	130 – 35,000		204 B			3040 J*			
Cadmium	10	0.1 - 1	0.051 B	0.038 U	0.038 U	0.038 U	0.068 B	0.038 U	0.039 B	0.042 U
Chromium	50	1.5 - 40	10.5 J*E	2.3 J*E	4.9 J*E	9.3 J*E	5.7	2.3	6.5	27.7
Cobalt	30 or SB	2.5 - 60		1.1 B			4.8 B			
Copper	25 or SB	1 - 50		1.8 B			4.1			
Iron	2,000 or SB	2,000 – 550,000		4320 J*			5380			
Lead	400	200 - 500	1.5 J*	0.40 J*	0.48 J*	0.69 J*	2.7 J*	0.80 J*	1.0 J*	0.54 J*
Magnesium	SB	100 – 5,000		348 B			635			
Manganese	SB	50 – 5,000		57.0 J*			88.2 J*			
Nickel	13 or SB	0.5 - 25		1.3 B			3.1 B			
Potassium	SB	8,500 – 43,000		134 B			168 B			
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.56 U	0.55 U	0.61 U
Silver	SB	N/A	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.41 U
Sodium	SB	6,000 - 8,000		21.4 B			68.9 B			
Thallium	SB	N/A		0.51 U			0.52 U			
Vanadium	150 or SB	1 - 300		3.2 B			6.4			
Zinc	20 or SB	9 - 50		5.9 *			14.9 J*E			
Chromium (VI)	50	1.5 - 40		1 U			1.7			
Cyanide	**	–		0.51 UJ			0.52 U			

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring F-10			
			0-2	2-4	4-6	8-10
			TOB032	TOB032	TOB032	TOB032
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.055 U	0.052 U	0.052 U	0.052 U
Aluminum	SB	33,000		1960		
Antimony	SB	N/A		0.34 U		
Arsenic	7.5 or SB	3 - 12	2.0	2.1	0.99 B	1.4
Barium	300 or SB	15 - 600	12.0 B	7.6 B	5.0 B	9.1 B
Beryllium	0.16 or SB	0 - 1.75		1.8 UJ		
Calcium	SB	130 – 35,000		223 B		
Cadmium	10	0.1 - 1	0.041 U	0.038 U	0.038 U	0.038 U
Chromium	50	1.5 - 40	6.1	6.5	3.5	16.4
Cobalt	30 or SB	2.5 - 60		1.4 B		
Copper	25 or SB	1 - 50		2.8		
Iron	2,000 or SB	2,000 – 550,000		11800		
Lead	400	200 - 500	3.6	0.59	0.67	1.1
Magnesium	SB	100 – 5,000		348 B		
Manganese	SB	50 – 5,000		75.5		
Nickel	13 or SB	0.5 - 25		2.0 B		
Potassium	SB	8,500 – 43,000		157 B		
Selenium	2 or SB	0.1 - 3.9	0.60 U	0.55 U	0.56 U	0.56 U
Silver	SB	N/A	0.40 U	0.37 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000		18.0 B		
Thallium	SB	N/A		0.62 B		
Vanadium	150 or SB	1 - 300		4.8 B		
Zinc	20 or SB	9 - 50		8.6		
Chromium (VI)	50	1.5 - 40		1 U		
Cyanide	**	–		0.52 U		

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N – Matrix spike sample recovery not within control limits.
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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-1					Boring G-2			
			0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6	8-10
			TOB041	TOB041	TOB041	TOB041	TOB041	TOB042	TOB042	TOB042	TOB042
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.14	0.052 U	0.052 U	0.051 U	0.052 U	0.053 U	0.053 U	0.055 B	0.052 U
Aluminum	SB	33,000			5370				4570		
Antimony	SB	N/A			0.34 U				0.35 U		
Arsenic	7.5 or SB	3 - 12	5.2	2.2	2.4	13.6	1.4	7.1	3.1	2.9	0.90 B
Barium	300 or SB	15 - 600	25.6	13.1 B	41.1	5.7 B	24.7	14.6 B	19.8 B	12.8 B	8.2 B
Beryllium	0.16 or SB	0 - 1.75			1.8 JU				1.8 JU		
Calcium	SB	130 – 35,000			2590				574		
Cadmium	10	0.1 - 1	1.6 JN	0.86 JN	0.47 JBN	0.074 JBN	0.44 JBN	0.69 RN*	13.0 RN*	1.4 RN*	2.5 RN*
Chromium	50	1.5 - 40	55.6	16.4	20.5	3.4	20.6	22.2 J*	221 J*	35.0 J*	55.2 J*
Cobalt	30 or SB	2.5 - 60			6.7				2.8 B		
Copper	25 or SB	1 - 50			57.6				23.7 JE		
Iron	2,000 or SB	2,000 – 550,000			14900				7360		
Lead	400	200 - 500	16.0	7.3	3.8	1.2	3.0	6.1	18.9	10.5	4.4
Magnesium	SB	100 – 5,000			1680				588		
Manganese	SB	50 – 5,000			105				161 JN*		
Nickel	13 or SB	0.5 - 25			5.8				7.2		
Potassium	SB	8,500 – 43,000			444 JBE				241 JBE		
Selenium	2 or SB	0.1 - 3.9	0.57 JUN	0.56 JUN	0.56 JUN	0.55 JUN	0.55 JUN	0.56 U	0.57 U	0.56 U	0.56 U
Silver	SB	N/A	6.9	1.0	1.5	0.37 U	0.93 B	1.8	2.2	2.1	0.37 U
Sodium	SB	6,000 - 8,000			315 B				21.5 B		
Thallium	SB	N/A			0.52 U				0.64 B		
Vanadium	150 or SB	1 - 300			41.1 J				8.0		
Zinc	20 or SB	9 - 50			29.2 N				117 JN*		
Chromium (VI)	50	1.5 - 40			1.1				1.3		
Cyanide	**	--			0.52 U				0.88		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-3															
			0-2		2-4		4-6		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB043		TOB043		TOB043		TOB043		TOB043		TOB043		TOB043		TOB043		TOB043	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.054	U	0.054	U	0.65		0.064	B	0.053	U	0.051	U	0.055	UN	0.054	UN
Aluminum	SB	33,000							5560											
Antimony	SB	N/A							1.6	B										
Arsenic	7.5 or SB	3 - 12	0.85	B	2.5		1.8		1.6		1.1	B	1.4		0.74	B	29.0		0.80	B
Barium	300 or SB	15 - 600	4.1	B	19.1	B	89.0		89.2		22.2		10.6	B	5.0	B	5.4	B	6.2	B
Beryllium	0.16 or SB	0 - 1.75							1.9	JU										
Calcium	SB	130 – 35,000							7340											
Cadmium	10	0.1 - 1	0.27	B	0.33	B	103		141		36.2		9.4		0.038	U	1.6		0.33	B
Chromium	50	1.5 - 40	11.1	J*E	13.3	J*E	1600	J*E	2380	J*E	658	J*E	184	J*E	7.1	J*E	78.6	J*	10.1	J*
Cobalt	30 or SB	2.5 - 60							2.8	B										
Copper	25 or SB	1 - 50							58.5											
Iron	2,000 or SB	2,000 – 550,000							4920											
Lead	400	200 - 500	1.2	JN*	5.4	JN*	71.5	JN*	81.1	JN*	22.6	JN*	6.1	JN*	0.40	JN*	7.7	JN	2.0	JN
Magnesium	SB	100 – 5,000							797	JE										
Manganese	SB	50 – 5,000							95.5											
Nickel	13 or SB	0.5 - 25							14.7											
Potassium	SB	8,500 – 43,000							220	JBE										
Selenium	2 or SB	0.1 - 3.9	0.56	U	0.58	U	0.58	U	0.59	U	0.58	U	0.57	U	0.55	U	0.98	J	0.50	JU
Silver	SB	N/A	0.37	U	0.39	U	1.5		0.88	B	0.39	U	0.38	U	0.37	U	0.15	U	0.14	U
Sodium	SB	6,000 - 8,000							35.0	B										
Thallium	SB	N/A							0.55	U										
Vanadium	150 or SB	1 - 300							6.3											
Zinc	20 or SB	9 - 50							857	JE										
Chromium (VI)	50	1.5 - 40							6.3											
Cyanide	**	--							14.4											

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-4										Boring G-5							
			0-2		2-4		4-6		8-10		12-14		0-2		2-4		4-6		8-10	
			TOB035		TOB035		TOB035		TOB035		TOB035		TOB038		TOB038		TOB038		TOB038	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.051	UN	0.067	UN	0.34	JN	1.0	JN	0.056	UN	0.051	U	0.052	U	0.053	U	0.052	U
Aluminum	SB	33,000			1560				9240		4450	J			1450	J*E				
Antimony	SB	N/A			0.78	JUN			9.0	JN	0.65	UN			0.60	U				
Arsenic	7.5 or SB	3 - 12	0.93	B	5.9		4.6		7.7		1.7		3.8		0.64	B	1.3		1.8	
Barium	300 or SB	15 - 600	10.4	B	83.7		40.6		61.1		13.8	B	81.5	JE	6.0	JBE	8.9	JBE	8.6	JBE
Beryllium	0.16 or SB	0 - 1.75			0.86				0.18	B	0.10	B			0.12	B				
Calcium	SB	130 – 35,000			643	B			162000		2320				100	B				
Cadmium	10	0.1 - 1	0.40	B	0.91		7.6		105		0.23	B	0.34	B	0.16	B	0.10	B	0.087	B
Chromium	50	1.5 - 40	16.7	JN	14.0	JN	142	JN	977	JN	14.6	JN	20.1	JN*	11.0	JN*	13.7	JN*	15.6	JN*
Cobalt	30 or SB	2.5 - 60			5.6	B			5.1	B	2.5	B			0.92	B				
Copper	25 or SB	1 - 50			31.5	J*			179	J*	4.7	J*			2.0	B				
Iron	2,000 or SB	2,000 – 550,000			3080				25800		8860				2290	JE				
Lead	400	200 - 500	2.3		6.1		112		224		6.5		3.3	JN*	1.6	JN*	2.2	JN*	2.6	JN*
Magnesium	SB	100 – 5,000			102	B			1820		629				201	JBE				
Manganese	SB	50 – 5,000			8.4	J*			214	J*	59.6	J*			23.7	JNE				
Nickel	13 or SB	0.5 - 25			11.4				22.6		3.3	B			1.6	B				
Potassium	SB	8,500 – 43,000			167	B			485	B	281	B			104	JBE				
Selenium	2 or SB	0.1 - 3.9	0.47	U	0.86	J	0.61	J	0.89	J	0.53	U	0.90	JN	0.49	JUN	0.49	JUN	0.49	JUN
Silver	SB	N/A	0.29	B	3.3		6.9		1.5		0.15	U	0.19	B	0.14	U	0.14	U	0.14	U
Sodium	SB	6,000 - 8,000			201	B			437	B	105	B			22.6	B				
Thallium	SB	N/A			0.54	U			1.6		0.50	B			0.48	B				
Vanadium	150 or SB	1 - 300			20.0				7.1		8.1				2.6	JBE				
Zinc	20 or SB	9 - 50			124				9570		30.2				5.4	J*				
Chromium (VI)	50	1.5 - 40			1.3	U			1.4	U	1.1	U			1.0	J				
Cyanide	**	--			0.67	U			84.0	E	0.9	JE			0.52	U				

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-6				Boring G-7			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB038	TOB038	TOB038	TOB038	TOB030	TOB030	TOB030	TOB030
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.055 U	0.064 B	0.14	0.17	0.053 U	0.059 B	0.053 U	0.11 B
Aluminum	SB	33,000		4290 J*E			1690 J*			
Antimony	SB	N/A		0.66 U			0.61 U			
Arsenic	7.5 or SB	3 - 12	1.1	4.9	2.1	4.8	1.7	3.9	3.4	13.8
Barium	300 or SB	15 - 600	15.6 JBE	34.3 JE	39.5 JE	30.0 JE	7.0 B	23.7	14.9 B	168
Beryllium	0.16 or SB	0 - 1.75		0.47 B			0.12 B			
Calcium	SB	130 – 35,000		12000			3160			
Cadmium	10	0.1 - 1	0.14 B	0.93	2.2	1.3	0.069 U	0.48 B	0.65	19.9
Chromium	50	1.5 - 40	19.2 JN*	29.9 JN*	97.7 JN*	49.1 JN*	6.5	41.5	38.1	904
Cobalt	30 or SB	2.5 - 60		1.6 B			2.5 B			
Copper	25 or SB	1 - 50		18.0			2.5 B			
Iron	2,000 or SB	2,000 – 550,000		3700 JE			4780 J*			
Lead	400	200 - 500	3.1 JN*	27.1 JN*	49.1 JN*	61.9 JN*	1.7	23.2	14.5	231
Magnesium	SB	100 – 5,000		5100 JE			385 B			
Manganese	SB	50 – 5,000		390 JNE			91.8			
Nickel	13 or SB	0.5 - 25		4.4 B			2.1 B			
Potassium	SB	8,500 – 43,000		449 JBE			145 B			
Selenium	2 or SB	0.1 - 3.9	0.51 JUN	0.64 JN	0.54 JUN	0.52 JUN	0.54 JN	0.75 JN	0.50 UN	2.9 JN
Silver	SB	N/A	0.15 U	1.2	2.9	0.99 B	0.14 U	4.1	3.1	6.2
Sodium	SB	6,000 - 8,000		191 B			37.1 B			
Thallium	SB	N/A		0.46 U			0.42 U			
Vanadium	150 or SB	1 - 300		9.1 JE			5.1 B			
Zinc	20 or SB	9 - 50		47.5 J*			4.7			
Chromium (VI)	50	1.5 - 40		2.3			1.7			
Cyanide	**	–		0.57 U			0.53 U			

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-8				Boring G-9				
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	6-8	8-10
			TOB032	TOB032	TOB032	TOB032	TOB032	TOB032	TOB032	TOB032	TOB032
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.22	1.5	0.67	0.052 U	0.051 U	0.052 U	0.051 U	0.051 U
Aluminum	SB	33,000	3530								1340
Antimony	SB	N/A	80.5								0.34 U
Arsenic	7.5 or SB	3 - 12	1.6	3.4	12.8	4.5	1.2	1.8	1.5	0.81 B	1.1
Barium	300 or SB	15 - 600	25.7	120	91.7	285	6.7 B	4.9 B	11.2 B	5.4 B	7.6 B
Beryllium	0.16 or SB	0 - 1.75	1.8 UJ								1.8 UJ
Calcium	SB	130 – 35,000	4280								352 B
Cadmium	10	0.1 - 1	0.045 B	2.0	0.57	1.1	0.038 U	0.037 U	0.038 U	0.037 U	0.037 U
Chromium	50	1.5 - 40	13.6	119	57.1	49.1	4.9	2.4	21.4	2.4	15.1
Cobalt	30 or SB	2.5 - 60	2.9 B								1.4 B
Copper	25 or SB	1 - 50	10.8								3.7
Iron	2,000 or SB	2,000 – 550,000	5850								5460
Lead	400	200 - 500	6.3	343	73.3	70.0	1.5	0.44	1.6	0.17 B	0.64
Magnesium	SB	100 – 5,000	964								296 B
Manganese	SB	50 – 5,000	76.9								80.5
Nickel	13 or SB	0.5 - 25	5.0								2.6 B
Potassium	SB	8,500 – 43,000	518 B								212 B
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.58 U	1.9	0.62 U	0.55 U	0.54 U	0.56 U	0.55 U	0.55 U
Silver	SB	N/A	0.38 U	1.8	1.0 B	0.42 B	0.37 U	0.36 U	0.37 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000	139 B								49.2 B
Thallium	SB	N/A	0.53 U								0.51 U
Vanadium	150 or SB	1 - 300	8.2								3.6 B
Zinc	20 or SB	9 - 50	32.0								6.8
Chromium (VI)	50	1.5 - 40	1.1 U								1.7
Cyanide	**	–	0.53 U								0.51 U

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-10				Boring G-11			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB032	TOB032	TOB032	TOB032	TOB044	TOB044	TOB044	TOB044
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.10 B	0.053 U	0.052 U	0.052 U	0.052 JUN	0.052 JUN	0.052 JUN	0.051 JUN
Aluminum	SB	33,000		1700					1500	
Antimony	SB	N/A		0.35 U					0.60 U	
Arsenic	7.5 or SB	3 - 12	8.9	2.7	1.3	1.3	1.0 B	0.50 B	0.31 U	0.83 B
Barium	300 or SB	15 - 600	21.5 B	8.2 B	11.2 B	8.5 B	5.8 B	5.4 B	5.5 B	2.7 B
Beryllium	0.16 or SB	0 - 1.75		1.8 UJ					0.082 B	
Calcium	SB	130 – 35,000		188 B					379 B	
Cadmium	10	0.1 - 1	0.11 B	0.039 U	0.038 U	0.038 U	0.068 JUE	0.068 JUE	0.092 JBE	0.067 JUE
Chromium	50	1.5 - 40	13.0	11.8	5.3	7.8	8.4	4.4	4.6	7.8
Cobalt	30 or SB	2.5 - 60		1.1 B					1.1 B	
Copper	25 or SB	1 - 50		7.4					2.5 JBE	
Iron	2,000 or SB	2,000 – 550,000		6640					2930 JE	
Lead	400	200 - 500	26.9	1.5	2.1	1.5	1.7	1.6	1.6	1.3
Magnesium	SB	100 – 5,000		267 B					247 B	
Manganese	SB	50 – 5,000		61.9					46.6	
Nickel	13 or SB	0.5 - 25		2.0 B					1.5 B	
Potassium	SB	8,500 – 43,000		134 B					156 JBE	
Selenium	2 or SB	0.1 - 3.9	0.59 U	0.57 U	0.56 U	0.56 U	0.49 JU	0.49 JU	0.48 JU	0.54 J
Silver	SB	N/A	0.49 B	0.38 U	0.37 U	0.38 U	0.14 U	0.14 U	0.14 U	0.14 U
Sodium	SB	6,000 - 8,000		15.2 B					17.3 B	
Thallium	SB	N/A		0.53 U					0.41 U	
Vanadium	150 or SB	1 - 300		5.5					3.1 B	
Zinc	20 or SB	9 - 50		6.9					7.2 JE	
Chromium (VI)	50	1.5 - 40		1.1 U					1 U	
Cyanide	**	--		0.53 U					0.52 UJN	

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring G-14			
			0-2	2-4	4-6	8-10
			TOB037	TOB037	TOB037	TOB037
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.052 U	0.051 U	0.052 U
Aluminum	SB	33,000		3200		
Antimony	SB	N/A		0.34 U		
Arsenic	7.5 or SB	3 - 12	0.93 B	1.2	1.5	1.2
Barium	300 or SB	15 - 600	7.2 B	11.2 B	5.1 B	6.3 B
Beryllium	0.16 or SB	0 - 1.75	J	1.8 U		
Calcium	SB	130 – 35,000		1540		
Cadmium	10	0.1 - 1	0.15 B	0.30 B	0.038 U	0.038 U
Chromium	50	1.5 - 40	19.0 JN	62.1 JN	4.0 JN	10.5 JN
Cobalt	30 or SB	2.5 - 60		6.9		
Copper	25 or SB	1 - 50		4.3		
Iron	2,000 or SB	2,000 – 550,000		6180		
Lead	400	200 - 500	2.7 JN	4.7 JN	1.4 JN	1.6 JN
Magnesium	SB	100 – 5,000		735		
Manganese	SB	50 – 5,000		61.5 JN		
Nickel	13 or SB	0.5 - 25		2.7 B		
Potassium	SB	8,500 – 43,000		273 B		
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.56 U	0.55 U	0.56 U
Silver	SB	N/A	0.38 U	0.37 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000		93.1 B		
Thallium	SB	N/A		0.52 U		
Vanadium	150 or SB	1 - 300		6.9		
Zinc	20 or SB	9 - 50		42.3		
Chromium (VI)	50	1.5 - 40		2.4		
Cyanide	**	–		0.52 U		

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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-1									
			0-2	2-4	4-6	6-8	8-10	18-20	28-30	38-40	48-50	58-60
			TOB031	TOB031	TOB031	TOB031	TOB031	TOB031	TOB031	TOB031	TOB031	TOB031
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.23	0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.052 U	0.057 B	0.084 B	0.11 B
Aluminum	SB	33,000	7120									
Antimony	SB	N/A	0.35 U									
Arsenic	7.5 or SB	3 - 12	7.1	0.92 B	0.95 B	0.59 B	0.58 U	13.3	0.81 B	0.96 B	1.1 B	6.4
Barium	300 or SB	15 - 600	63.0	8.0 B	15.5 B	16.4 B	4.0 B	6.8 B	8.4 B	4.9 B	4.6 B	22.1 B
Beryllium	0.16 or SB	0 - 1.75	1.8 JU									
Calcium	SB	130 – 35,000	3160									
Cadmium	10	0.1 - 1	3.2	0.71	0.41 B	0.11 B	0.037 U	0.038 U	0.038 U	0.039 U	0.061 B	0.045 U
Chromium	50	1.5 - 40	79.3	10.7	13.8	5.8	2.9	61.7	3.5	2.4	4.6	28.1
Cobalt	30 or SB	2.5 - 60	3.8 B									
Copper	25 or SB	1 - 50	44.3									
Iron	2,000 or SB	2,000 – 550,000	11800									
Lead	400	200 - 500	29.9	1.8	3.1	1.5	0.84	0.35	0.55	0.61	0.50	8.8
Magnesium	SB	100 – 5,000	1250									
Manganese	SB	50 – 5,000	158									
Nickel	13 or SB	0.5 - 25	7.5									
Potassium	SB	8,500 – 43,000	436 B									
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.55 U	0.55 U	0.55 U	0.55 U	0.56 U	0.55 U	0.58 U	0.61 U	0.66 U
Silver	SB	N/A	11.2	0.37 U	1.1	0.37 U	0.37 U	0.37 U	0.37 U	0.39 U	0.41 U	0.44 U
Sodium	SB	6,000 - 8,000	43.2 B									
Thallium	SB	N/A	0.53 U									
Vanadium	150 or SB	1 - 300	15.4									
Zinc	20 or SB	9 - 50	72.1									
Chromium (VI)	50	1.5 - 40	1.1 U									
Cyanide	**	–	0.71									

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-3															
			0-2		2-4		4-6		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB045		TOB045		TOB045		TOB045		TOB045		TOB045		TOB045		TOB045		TOB045	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.078	BN	0.051	UN	0.051	UN	0.052	UN	0.051	UN	0.052	UN	0.052	UN	0.056	UN	0.057	UN
Aluminum	SB	33,000			1050	J*	1370	J*												
Antimony	SB	N/A			0.59	U	0.59	U												
Arsenic	7.5 or SB	3 - 12	4.7		0.62	B	0.73	B	1.3		0.82	B	1.1		0.86	B	3.3		18.5	
Barium	300 or SB	15 - 600	23.6		9.5	B	6.7	B	6.9	B	6.7	B	7.5	B	7.8	B	9.9	B	7.8	B
Beryllium	0.16 or SB	0 - 1.75			0.089	B	0.099	B												
Calcium	SB	130 – 35,000			77.2	B	77.9	B												
Cadmium	10	0.1 - 1	0.78		0.096	B	0.11	B	1.3		0.38	B	0.099	B	0.068	U	1.7		0.41	B
Chromium	50	1.5 - 40	30.3	J*	4.8	J*	11.4	J*	35.7	J*	10.7	J*	6.4	J*	3.2	J*	21.5	J*	19.8	J*
Cobalt	30 or SB	2.5 - 60			2.8	B	0.95	B												
Copper	25 or SB	1 - 50			2.3	B	3.0													
Iron	2,000 or SB	2,000 – 550,000			2750		3720													
Lead	400	200 - 500	28.9	JJN	2.0	JN	2.2	JN	2.1	JN	1.4	JN	1.6	JN	0.83	JN	2.8	JN	8.7	JN
Magnesium	SB	100 – 5,000			166	B	260	B												
Manganese	SB	50 – 5,000			65.7		62.2													
Nickel	13 or SB	0.5 - 25			1.5	B	1.9	B												
Potassium	SB	8,500 – 43,000			86.6	B	137	B												
Selenium	2 or SB	0.1 - 3.9	0.52	JU	0.48	JU	0.48	JU	0.49	JU	0.48	JU	0.49	JU	0.49	JU	0.53	JU	1.4	J
Silver	SB	N/A	1.2		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.15	U
Sodium	SB	6,000 - 8,000			13.3	B	19.4	B												
Thallium	SB	N/A			0.41	U	0.41	U												
Vanadium	150 or SB	1 - 300			2.6	B	3.2	B												
Zinc	20 or SB	9 - 50			10.6		8.4													
Chromium (VI)	50	1.5 - 40			1	U	1	U												
Cyanide	**	–			0.51	U	0.51	U												

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-5								
			0-2	2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			TOB014	TOB014	TOB014	TOB014	TOB014	TOB014	TOB014	TOB014	TOB014
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.051 U	0.058 U	0.052 U	0.055 U	0.058 U	0.052 U	0.061 U	0.058 U
Aluminum	SB	33,000		2030							
Antimony	SB	N/A		0.34 U							
Arsenic	7.5 or SB	3 - 12	1.5	1.0	0.66 B	0.58 U	2.1	31.6	2.1	1.1 B	1.1 B
Barium	300 or SB	15 - 600	18.1 B	5.9 B	5.3 B	4.1 B	24.5	8.7 B	5.1 B	11.3 B	3.1 B
Beryllium	0.16 or SB	0 - 1.75		1.7 JU							
Calcium	SB	130 – 35,000		2270							
Cadmium	10	0.1 - 1	0.25 B	0.046 B	0.042 U	0.038 U	0.040 U	0.11 B	0.066 B	0.044 U	0.042 U
Chromium	50	1.5 - 40	11.6	6.9	3.8	4.2	9.5	8.9	10.6	1.2	4.9
Cobalt	30 or SB	2.5 - 60		1.9 B							
Copper	25 or SB	1 - 50		2.3 B							
Iron	2,000 or SB	2,000 – 550,000		5680							
Lead	400	200 - 500	2.0	1.0	0.99	0.69	2.6	2.5	0.28 B	3.5	0.66
Magnesium	SB	100 – 5,000		406 B							
Manganese	SB	50 – 5,000		133							
Nickel	13 or SB	0.5 - 25		2.5 B							
Potassium	SB	8,500 – 43,000		157 JBE							
Selenium	2 or SB	0.1 - 3.9	0.55 JUN	0.55 JUN	0.62 JUN	0.56 JUN	0.59 JUN	0.62 JUN	0.55 JUN	0.65 JUN	0.62 JUN
Silver	SB	N/A	0.37 U	0.37 U	0.41 U	0.37 U	0.40 U	0.42 U	0.37 U	0.44 U	0.41 U
Sodium	SB	6,000 - 8,000		33.3 B							
Thallium	SB	N/A		0.51 U							
Vanadium	150 or SB	1 - 300		3.9 B							
Zinc	20 or SB	9 - 50		9.9							
Chromium (VI)	50	1.5 - 40		1 U							
Cyanide	**	–		0.51 U							

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-7									
			0-2	2-4	4-6	6-8	8-10	18-20	28-30	38-40	48-50	58-60
			TOB039	TOB039	TOB039	TOB039	TOB039	TOB039	TOB039	TOB039	TOB039	TOB039
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.051 U	0.051 U	0.052 U	0.051 U	0.052 U	0.051 U	0.060 U	0.061 U	0.068 B
Aluminum	SB	33,000	1460								827	
Antimony	SB	N/A	0.33 U								0.40 U	
Arsenic	7.5 or SB	3 - 12	0.95 B	0.90 B	1.8	2.2	1.4	0.58 U	4.7	24.5	1.2 B	0.71 B
Barium	300 or SB	15 - 600	6.1 B	5.7 B	4.2 B	6.6 B	6.7 B	10.5 B	4.2 B	16.5 B	7.4 B	3.2 B
Beryllium	0.16 or SB	0 - 1.75	1.7 JU								2.1 JU	
Calcium	SB	130 – 35,000	1090								183 B	
Cadmium	10	0.1 - 1	0.13 B	0.074 B	0.061 B	0.074 B	0.11 B	0.038 U	0.091 B	0.19 B	0.044 U	0.046 U
Chromium	50	1.5 - 40	5.8	4.2	2.4	4.1	10.3	5.7	7.9	28.6	2.3	1.1 B
Cobalt	30 or SB	2.5 - 60	1.3 B								0.49 B	
Copper	25 or SB	1 - 50	2.1 B								2.5 B	
Iron	2,000 or SB	2,000 – 550,000	2880 J*								1400 J*	
Lead	400	200 - 500	0.98 J*	0.54 J*	0.37 J*	0.83 J*	0.35 J*	0.83 J*	0.12 JU*	9.0 J*	2.1 J*	0.72 J*
Magnesium	SB	100 – 5,000	272 B								61.3 B	
Manganese	SB	50 – 5,000	55.0 J*								6.8 J*	
Nickel	13 or SB	0.5 - 25	2.1 B								0.28 B	
Potassium	SB	8,500 – 43,000	138 B								242 B	
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	1.8	0.55 U	0.67 U
Silver	SB	N/A	0.36 U	0.36 U	0.36 U	0.37 U	0.37 U	0.37 U	0.37 U	0.43 U	0.43 U	0.45 U
Sodium	SB	6,000 - 8,000	22.3 B								42.0 B	
Thallium	SB	N/A	0.53 B								0.61 U	
Vanadium	150 or SB	1 - 300	2.8 B								4.1 B	
Zinc	20 or SB	9 - 50	5.5 J*								1.7 JB*	
Chromium (VI)	50	1.5 - 40	1 U								1.2 U	
Cyanide	**	–	0.51 U								0.61 U	

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-9																	
			0-2		2-4		4-6		6-8		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.054	U	0.053	U	0.053	U	0.053	U	0.052	U	0.052	U	0.054	U	0.054	U	0.054	U	0.059	U
Aluminum	SB	33,000											1920									
Antimony	SB	N/A											0.60	UN		J						
Arsenic	7.5 or SB	3 - 12	3.4	J	1.8	J	2.5	J	1.5	J	1.2	J	2.3		13.6	J	5.0		5.8		2.0	J
Barium	300 or SB	15 - 600	31.4		7.4	B	20.4	B	4.7	B	4.8	B	8.9	B	26.6		3.2	B	8.7	B	2.3	B
Beryllium	0.16 or SB	0 - 1.75											0.25	B								
Calcium	SB	130 – 35,000											2360	J*								
Cadmium	10	0.1 - 1	0.35	B	0.070	U	0.090	B	0.069	U	0.068	U	0.068	U	0.071	U	0.070	U	0.070	U	0.077	U
Chromium	50	1.5 - 40	23.0	JN*	5.1	JN*	11.5	JN*	2.7	JN*	3.4	JN*	16.2	JN*	29.3	JN*	4.3	JN*	8.1	JN*	1.1	BJN*
Cobalt	30 or SB	2.5 - 60											1.6	B								
Copper	25 or SB	1 - 50											4.7									
Iron	2,000 or SB	2,000 – 550,000											7980	J*								
Lead	400	200 - 500	11.4	JN	2.0	JN	7.0	JN	1.2	JN	1.8	JN	2.9	JN	6.7	JN	2.1	JN	3.3	JN	1.6	JN
Magnesium	SB	100 – 5,000											594	J*								
Manganese	SB	50 – 5,000											71.1									
Nickel	13 or SB	0.5 - 25											3.4	B								
Potassium	SB	8,500 – 43,000											140	B								
Selenium	2 or SB	0.1 - 3.9	0.51	U	0.50	U	0.49	U	0.49	U	0.49	U	0.49	U	0.51	U	0.50	U	0.50	U	0.55	U
Silver	SB	N/A	0.26	B	0.14	U	0.28	B	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U
Sodium	SB	6,000 - 8,000											72.1	B								
Thallium	SB	N/A											0.50	B								
Vanadium	150 or SB	1 - 300											6.3									
Zinc	20 or SB	9 - 50											12.7									
Chromium (VI)	50	1.5 - 40											1	U								
Cyanide	**	--											0.52	U								

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-10								
			0-2	2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			TOB036	TOB036	TOB036	TOB036	TOB036	TOB036	TOB036	TOB036	TOB036
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.052 U	0.051 U	0.051 U	0.053 U	0.052 U	0.093 B	0.054 U	0.059 U
Aluminum	SB	33,000			742 J*						
Antimony	SB	N/A			0.34 U						
Arsenic	7.5 or SB	3 - 12	0.78 B	8.85 U	0.68 B	0.74 B	0.60 U	1.2	13.9	2.8	2.3
Barium	300 or SB	15 - 600	6.5 B	60.4 U	3.3 B	5.0 B	6.0 B	4.4 B	4.1 B	4.1 B	3.5 B
Beryllium	0.16 or SB	0 - 1.75			1.7 JU						
Calcium	SB	130 – 35,000			74.6 B						
Cadmium	10	0.1 - 1	0.053 B	1.3 U	0.037 U	0.037 U	0.039 U	0.038 U	0.039 U	0.040 U	0.043 U
Chromium	50	1.5 - 40	6.1 J*	70.9 JU*	3.4 J*	5.9 J*	7.2 J*	6.6 J*	23.6 J*	11.3 J*	2.0 J*
Cobalt	30 or SB	2.5 - 60			0.59 B						
Copper	25 or SB	1 - 50			1.3 B						
Iron	2,000 or SB	2,000 – 550,000			2520						
Lead	400	200 - 500	2.0	17.4 U	0.42	0.51	1.1	0.55	0.12 U	0.94	1.2
Magnesium	SB	100 – 5,000			134 B						
Manganese	SB	50 – 5,000			48.4 JN*						
Nickel	13 or SB	0.5 - 25			0.87 B						
Potassium	SB	8,500 – 43,000			106 JBE						
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.56 U	0.55 U	0.54 U	0.57 U	0.55 U	0.57 U	0.58 U	0.63 U
Silver	SB	N/A	0.37 U	0.37 U	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U	0.39 U	0.42 U
Sodium	SB	6,000 - 8,000			28.5 B						
Thallium	SB	N/A			0.51 U						
Vanadium	150 or SB	1 - 300			2.4 B						
Zinc	20 or SB	9 - 50			3.4						
Chromium (VI)	50	1.5 - 40			1 U						
Cyanide	**	--			0.51 U						

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-13						
			0-2	2-4	4-6	8-10	18-20	38-40	58-60
			TOB039	TOB039	TOB039	TOB039	TOB039	TOB039	TOB039
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.052 U	0.053 U	0.051 U	0.052 U	0.052 U	0.058 U
Aluminum	SB	33,000							407
Antimony	SB	N/A							0.38 U
Arsenic	7.5 or SB	3 - 12	2.0	1.3	0.62 B	1.8	6.6	0.59 U	1.9
Barium	300 or SB	15 - 600	11.8 B	8.0 B	6.0 B	11.8 B	7.1 B	4.2 B	4.4 B
Beryllium	0.16 or SB	0 - 1.75							2.0 JU
Calcium	SB	130 – 35,000							60.4 B
Cadmium	10	0.1 - 1	0.24 B	0.17 B	0.099 B	0.21 B	0.082 B	0.038 U	0.042 U
Chromium	50	1.5 - 40	8.8	10.8	7.7	14.0	10.3	3.5	1.8
Cobalt	30 or SB	2.5 - 60							0.22 B
Copper	25 or SB	1 - 50							1.1 B
Iron	2,000 or SB	2,000 – 550,000							2400 J*
Lead	400	200 - 500	4.0 J*	1.6 J*	0.98 J*	2.9 J*	0.47 J*	1.3 J*	1.8 J*
Magnesium	SB	100 – 5,000							9.8 B
Manganese	SB	50 – 5,000							4.2 J*
Nickel	13 or SB	0.5 - 25							0.23 U
Potassium	SB	8,500 – 43,000							111 B
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.55 U	0.57 U	0.55 U	0.56 U	0.56 U	0.62 U
Silver	SB	N/A	0.37 U	0.37 U	0.38 U	0.37 U	0.37 U	0.38 U	0.41 U
Sodium	SB	6,000 - 8,000							11.1 B
Thallium	SB	N/A							0.58 U
Vanadium	150 or SB	1 - 300							4.3 B
Zinc	20 or SB	9 - 50							1.9 JB*
Chromium (VI)	50	1.5 - 40							1.2 U
Cyanide	**	–							0.58 U

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-2				Boring H-4			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB042	TOB042	TOB042	TOB042	TOB037	TOB037	TOB037	TOB037
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.051 U	0.051 U	0.051 U	0.11	0.17	0.051 U	0.051 U
Aluminum	SB	33,000		1030				2300		
Antimony	SB	N/A		0.33 U				0.34 U		
Arsenic	7.5 or SB	3 - 12	2.8	0.57 U	0.57 U	0.83 B	1.8	1.5	0.58 U	0.92 B
Barium	300 or SB	15 - 600	19.7 B	3.5 B	5.8 B	5.3 B	11.5 B	9.2 B	12.4 B	8.6 B
Beryllium	0.16 or SB	0 - 1.75		1.7 JU				1.8 JU		
Calcium	SB	130 – 35,000		59.6 B				501 B		
Cadmium	10	0.1 - 1	1.4 RN*	0.037 URN*	0.037 URN*	0.037 URN*	3.3	1.5	0.037 U	1.0
Chromium	50	1.5 - 40	72.0 J*	2.6 J*	3.0 J*	14.1 J*	40.8 JN	55.5 JN	5.2 JN	22.8 JN
Cobalt	30 or SB	2.5 - 60		0.96 B				1.4 B		
Copper	25 or SB	1 - 50		1.2 JBE				7.2		
Iron	2,000 or SB	2,000 – 550,000		2050				5280		
Lead	400	200 - 500	14.4	0.98	0.71	0.76	8.8 JN	4.4 JN	0.62 JN	4.2 JN
Magnesium	SB	100 – 5,000		167 B				365 B		
Manganese	SB	50 – 5,000		49.9 JN*				83.9 JN		
Nickel	13 or SB	0.5 - 25		1.5 B				2.6 B		
Potassium	SB	8,500 – 43,000		120 JBE				180 B		
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.55 U	0.55 U	0.55 U	0.57 U	0.56 U	0.55 U	0.55 U
Silver	SB	N/A	3.2	0.36 U	0.36 U	0.37 U	3.6	0.96 B	0.37 U	1.4
Sodium	SB	6,000 - 8,000		14.7 B				37.6 B		
Thallium	SB	N/A		0.51 U				0.52 U		
Vanadium	150 or SB	1 - 300		1.7 B				4.6 B		
Zinc	20 or SB	9 - 50		3.5 JN*				25.4		
Chromium (VI)	50	1.5 - 40		1 U				3.0		
Cyanide	**	–		0.51 U				1.1		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-6				Boring H-8			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB037	TOB037	TOB037	TOB037	TOB033	TOB033	TOB033	TOB033
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
Aluminum	SB	33,000		1310			1350			
Antimony	SB	N/A		0.33 U			0.33 U			
Arsenic	7.5 or SB	3 - 12	1.6	0.57 U	0.69 B	0.59 B	0.80 B	0.61 B	1.3	0.68 B
Barium	300 or SB	15 - 600	12.5 B	4.7 B	4.2 B	6.5 B	4.3 B	3.9 B	8.6 B	5.6 B
Beryllium	0.16 or SB	0 - 1.75		1.7 JU			1.7 JU			
Calcium	SB	130 – 35,000		46.5 B			102 B			
Cadmium	10	0.1 - 1	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.038 U
Chromium	50	1.5 - 40	5.7 JN	2.4 JN	2.3 JN	6.8 JN	3.3	2.2	16.1	76.9
Cobalt	30 or SB	2.5 - 60		0.97 B			1.1 B			
Copper	25 or SB	1 - 50		1.7 B			2.0 B			
Iron	2,000 or SB	2,000 – 550,000		3680			2910 J*			
Lead	400	200 - 500	1.5 JN	0.62 JN	0.45 JN	0.61 JN	0.49	0.47	0.91	0.63
Magnesium	SB	100 – 5,000		241 B			275 B			
Manganese	SB	50 – 5,000		59.8 JN			48.1 J*			
Nickel	13 or SB	0.5 - 25		1.5 B			1.8 B			
Potassium	SB	8,500 – 43,000		154 B			178 JBE			
Selenium	2 or SB	0.1 - 3.9	0.56 U	0.54 U	0.55 U	0.55 U	0.54 U	0.55 U	0.55 U	0.55 U
Silver	SB	N/A	0.37 U	0.36 U	0.37 U	0.37 U	0.36 U	0.37 U	0.37 U	0.37 U
Sodium	SB	6,000 - 8,000		19.9 B			38.3 B			
Thallium	SB	N/A		0.51 U			0.51 U			
Vanadium	150 or SB	1 - 300		3.0 B			2.5 B			
Zinc	20 or SB	9 - 50		5.1			5.6			
Chromium (VI)	50	1.5 - 40		1 U			1 U			
Cyanide	**	–		0.51 U			0.51 U			

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring H-12								Boring H-14									
			0-2		2-4		4-6		8-10		0-2		2-4		4-6		6-8		8-10	
			TOB035		TOB035		TOB035		TOB035		TOB009		TOB009		TOB009		TOB009		TOB009	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	UN	0.051	UN	0.051	UN	0.051	UN	0.053	U	0.051	U	0.061	B	0.052	U	0.052	U
Aluminum	SB	33,000			2610												1330			
Antimony	SB	N/A			0.59	JUN											0.60	UJN		
Arsenic	7.5 or SB	3 - 12	0.59	B	1.6		0.44	B	0.93	B	8.2		2.9		4.8		0.77	B	2.6	
Barium	300 or SB	15 - 600	6.2	B	8.5	B	2.4	B	7.4	B	20.9	B	8.7	B	17.8	B	6.0	B	12.6	B
Beryllium	0.16 or SB	0 - 1.75			0.14	B											0.091	B		
Calcium	SB	130 – 35,000			439	B											61.4	BEJ		
Cadmium	10	0.1 - 1	0.086	B	0.16	B	0.067	U	0.10	B	0.20	B	0.17	B	0.29	B	0.068	U	0.25	B
Chromium	50	1.5 - 40	8.8	JN	14.7	JN	2.8	JN	13.7	JN	12.6		20.3		25.6		4.5		23.9	
Cobalt	30 or SB	2.5 - 60			1.9	B											1.2	B		
Copper	25 or SB	1 - 50			3.7	J*											2.5	B		
Iron	2,000 or SB	2,000 – 550,000			5100												3920			
Lead	400	200 - 500	1.9		2.7		0.81	J	2.0		33.2		7.1		20.3		1.3		7.5	
Magnesium	SB	100 – 5,000			408	B											145	B		
Manganese	SB	50 – 5,000			76.7	J*											126	JN		
Nickel	13 or SB	0.5 - 25			2.3	B											1.3	B		
Potassium	SB	8,500 – 43,000			207	B											90.4	B		
Selenium	2 or SB	0.1 - 3.9	0.49	U	0.48	U	0.48	U	0.48	U	0.68	JN	0.71	JN	0.49	UJN	0.49	UJN	0.49	UJN
Silver	SB	N/A	2.4		0.14	U	0.14	U	0.20	B	0.18	B	0.14	U	0.14	U	0.14	U	0.14	U
Sodium	SB	8,000 - 8,000			29.4	B											12.8	B		
Thallium	SB	N/A			0.41	U											0.50	B		
Vanadium	150 or SB	1 - 300			5.6												3.8	B		
Zinc	20 or SB	9 - 50			12.6												5.4			
Chromium (VI)	50	1.5 - 40			1	U											1	U		
Cyanide	**	–			0.51	U											0.52	U		

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-1					
			0-2	2-4	4-6	6-8	8-10	18-20
			TOB041	TOB041	TOB041	TOB041	TOB041	TOB041
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.11	0.14	0.17	0.24	0.45	0.28
Aluminum	SB	33,000			8570			12500
Antimony	SB	N/A			0.53 B			2.8 B
Arsenic	7.5 or SB	3 - 12	7.3	2.3	6.4	10.7	5.8	4.1
Barium	300 or SB	15 - 600	25.8	15.0 B	31.0	39.3	44.0	36.2
Beryllium	0.16 or SB	0 - 1.75			1.9 JU			2.1 JU
Calcium	SB	130 – 35,000			1180			933
Cadmium	10	0.1 - 1	0.39 JBN	6.4 JN	7.2 JN	7.8 JN	77.4 JN	26.6 JN
Chromium	50	1.5 - 40	32.2	140	180	69.3	727	1710
Cobalt	30 or SB	2.5 - 60			3.7 B			2.7 B
Copper	25 or SB	1 - 50			60.3			153
Iron	2,000 or SB	2,000 – 550,000			11700			9540
Lead	400	200 - 500	20.4	15.5	31.6	43.7	47.8	58.8
Magnesium	SB	100 – 5,000			948			700
Manganese	SB	50 – 5,000			111			111
Nickel	13 or SB	0.5 - 25			12.9			62.2
Potassium	SB	8,500 – 43,000			381 JBE			286 JBE
Selenium	2 or SB	0.1 - 3.9	0.56 JUN	0.57 JUN	0.60 JUN	0.73 JN	0.62 JUN	0.65 JUN
Silver	SB	N/A	2.8	3.0	5.2	3.5	10.4	5.4
Sodium	SB	6,000 - 8,000			45.1 B			47.8 B
Thallium	SB	N/A			0.65 B			0.60 U
Vanadium	150 or SB	1 - 300			15.2			11.2
Zinc	20 or SB	9 - 50			132 JN			570 JN
Chromium (VI)	50	1.5 - 40			1.1 U			2.7
Cyanide	**	–			0.89			4.1

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-2							
			0-2		2-4		4-6		8-10	
			TOB042		TOB042		TOB042		TOB042	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.063	B	0.26		0.14		0.26	
Aluminum	SB	33,000			8800					
Antimony	SB	N/A			0.37	U				
Arsenic	7.5 or SB	3 - 12	5.5		5.5		5.6		4.6	
Barium	300 or SB	15 - 600	23.0		36.9		31.1		35.5	
Beryllium	0.16 or SB	0 - 1.75			1.9	JU				
Calcium	SB	130 – 35,000			2070					
Cadmium	10	0.1 - 1	1.1	RN*	5.2	RN*	6.0	RN*	48.3	RN*
Chromium	50	1.5 - 40	40.3	J*	74.7	J*	90.4	J*	869	J*
Cobalt	30 or SB	2.5 - 60			3.8	B				
Copper	25 or SB	1 - 50			22.7	JE				
Iron	2,000 or SB	2,000 – 550,000			11300					
Lead	400	200 - 500	27.7		24.1		24.5		34.7	
Magnesium	SB	100 – 5,000			1090					
Manganese	SB	50 – 5,000			140	JN*				
Nickel	13 or SB	0.5 - 25			8.8					
Potassium	SB	8,500 – 43,000			394	JBE				
Selenium	2 or SB	0.1 - 3.9	0.57	U	0.60	U	0.59	U	0.56	U
Silver	SB	N/A	9.3		4.7		6.3		0.37	U
Sodium	SB	6,000 - 8,000			41.9	B				
Thallium	SB	N/A			0.77	B				
Vanadium	150 or SB	1 - 300			15.7					
Zinc	20 or SB	9 - 50			96.9	JN*				
Chromium (VI)	50	1.5 - 40			1.1	U				
Cyanide	**	–			0.56	U				

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-3				Boring I-4			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB044	TOB044	TOB044	TOB044	TOB034	TOB034	TOB034	TOB034
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.15 JN	0.054 JUN	0.48 JN	0.051 JUN	0.17	0.051 U	0.053 U	0.054 U
Aluminum	SB	33,000		5050				988		
Antimony	SB	N/A		0.62 U				0.33 U		
Arsenic	7.5 or SB	3 - 12	8.8	2.9	2.9	0.31 U	2.5	0.72 B	0.60 U	1.7
Barium	300 or SB	15 - 600	29.1	17.3 B	21.0 B	4.7 B	23.3	3.2 B	3.8 B	17.8 B
Beryllium	0.16 or SB	0 - 1.75		0.14 B				1.7 U		
Calcium	SB	130 – 35,000		308 B				87.7 B		
Cadmium	10	0.1 - 1	1.3 JE	8.7 JE	2.4 JE	0.41 JBE	3.7	0.053 B	0.039 U	2.3
Chromium	50	1.5 - 40	50.3	12.5	16.6	5.8	47.1 J*	2.6 J*	2.3 J*	37.0 J*
Cobalt	30 or SB	2.5 - 60		2.7 B				1.5 B		
Copper	25 or SB	1 - 50		10.4 JE				2.3 B		
Iron	2,000 or SB	2,000 – 550,000		8820 JE				2900		
Lead	400	200 - 500	28.8	8.4	13.3	1.4	13.6	0.87	0.65	8.8
Magnesium	SB	100 – 5,000		570				158 B		
Manganese	SB	50 – 5,000		120				52.3		
Nickel	13 or SB	0.5 - 25		4.1 B				1.6 B		
Potassium	SB	8,500 – 43,000		215 JBE				86.6 B		
Selenium	2 or SB	0.1 - 3.9	0.64 J	0.61 J	0.59 J	0.48 JU	0.57 UN	0.54 UN	0.57 UN	0.58 UN
Silver	SB	N/A	3.4	2.2	2.0	0.14 U	3.9	0.36 U	0.38 U	2.3
Sodium	SB	6,000 - 8,000		18.6 B				13.7 B		
Thallium	SB	N/A		0.97 B				0.51 U		
Vanadium	150 or SB	1 - 300		9.8				2.2 B		
Zinc	20 or SB	9 - 50		32.3 JE				4.2		
Chromium (VI)	50	1.5 - 40		3.3				1 U		
Cyanide	**	–		1.49 N				0.51 U		

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-5				Boring I-6			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB044	TOB044	TOB044	TOB044	TOB038	TOB038	TOB038	TOB038
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.056 JUN	0.052 JUN	0.051 JUN	0.055 JUN	0.054 U	0.054 U	0.055 U	0.052 U
Aluminum	SB	33,000		2360				5520 J*E		
Antimony	SB	N/A		0.60 U				0.62 U		
Arsenic	7.5 or SB	3 - 12	2.5	0.70 B	0.30 U	1.1 B	2.5	1.8	2.7	0.76 B
Barium	300 or SB	15 - 600	27.8	6.5 B	3.6 B	20.8 B	20.0 JBE	13.6 JBE	20.9 JBE	6.4 JBE
Beryllium	0.16 or SB	0 - 1.75		0.11 JB				0.21 B		
Calcium	SB	130 – 35,000		109 B				116 B		
Cadmium	10	0.1 - 1	0.34 JBE	0.11 BE	0.067 JUE	0.37 JBE	0.25 B	0.10 B	0.19 B	0.068 U
Chromium	50	1.5 - 40	17.0	4.4	2.1	30.8	12.9 JN*	7.3 JN*	19.7 JN*	19.9 JN*
Cobalt	30 or SB	2.5 - 60		1.7 B				3.0 B		
Copper	25 or SB	1 - 50		3.1 JE				4.3		
Iron	2,000 or SB	2,000 – 550,000		4370 JE				7760 JE		
Lead	400	200 - 500	6.2	1.8	1.3	4.0	5.2 JN*	3.3 JN*	4.6 JN*	1.1 JN*
Magnesium	SB	100 – 5,000		369 B				895 JE		
Manganese	SB	50 – 5,000		84.4				80.7 JNE		
Nickel	13 or SB	0.5 - 25		1.9 B				4.8		
Potassium	SB	8,500 – 43,000		170 JBE				295 JBE		
Selenium	2 or SB	0.1 - 3.9	0.52 JU	0.48 JU	0.48 JU	0.51 JU	0.60 JN	0.70 JN	0.52 JUN	0.49 JUN
Silver	SB	N/A	0.15 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U	0.30 B	0.14 U
Sodium	SB	6,000 - 8,000		25.0 B				48.6 B		
Thallium	SB	N/A		0.41 U				0.43 U		
Vanadium	150 or SB	1 - 300		5.1 B				11.2 JE		
Zinc	20 or SB	9 - 50		6.9 JE				11.1 J*		
Chromium (VI)	50	1.5 - 40		1 U				1.1 U		
Cyanide	**	–		0.61 JN				0.54 U		

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-7					Boring I-8			
			0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6	8-10
			TOB008	TOB008	TOB008	TOB008	TOB008	TOB006	TOB008	TOB006	TOB008
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.051 U	0.051 U	0.051 U	0.052 U	0.13	0.13	0.31	0.061 U
Aluminum	SB	33,000				854 *		4320 EJ			
Antimony	SB	N/A				0.34 UJN		0.59 UNJ			
Arsenic	7.5 or SB	3 - 12	0.87 B	0.58 U	0.66 B	0.60 B	2.5	2.9	3.5	7.0	6.1
Barium	300 or SB	15 - 600	10 B	5.6 B	8.0 B	5.0 B	15.2 B	30.2 EJ	34.8 EJ	145 EJ	40.5 EJ
Beryllium	0.16 or SB	0 - 1.75				1.8 U		0.25 B			
Calcium	SB	130 – 35,000				595 J*		13700 *EJ			
Cadmium	10	0.1 - 1	0.24 BJN*	0.29 BJN*	0.21 BJN*	0.15 BJN*	0.89 JN*	1.4	1.3	5.0	1.9
Chromium	50	1.5 - 40	5.5 UJN*	4.7 UJN*	9.2 JN*	6.2 JN*	38.8 JN*	58.5 *EJ	56.9 *EJ	81.0 *EJ	95.0 *EJ
Cobalt	30 or SB	2.5 - 60				0.70 B		3.0 B			
Copper	25 or SB	1 - 50				2.1 B		17.0			
Iron	2,000 or SB	2,000 – 550,000				4290 *		7380 *EJ			
Lead	400	200 - 500	1.2	0.45	1.1	1.5	3.8	10.9 JN	25.8 JN	98.0 JN	60.9 JN
Magnesium	SB	100 – 5,000				168 B		1490 EJ			
Manganese	SB	50 – 5,000				35.2		96.4 *NEJ			
Nickel	13 or SB	0.5 - 25				1.4 B		10.5			
Potassium	SB	8,500 – 43,000				118 B		434 B			
Selenium	2 or SB	0.1 - 3.9	0.56 U	0.55 U	0.55 U	0.55 U	0.55 U	0.48 U	0.49 U	0.56 U	0.57 U
Silver	SB	N/A	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.47 B	0.42 B	1.8	0.97 B
Sodium	SB	6,000 - 8,000				26.9 B		352 B			
Thallium	SB	N/A				0.51 U		0.41 U			
Vanadium	150 or SB	1 - 300				2.7 B		44.5			
Zinc	20 or SB	9 - 50				11.2 *		72.7 EJ			
Chromium (VI)	50	1.5 - 40				1 U		1.2			
Cyanide	**	–				0.51 UJ		0.51 U			

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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-9					Boring I-10				
			0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6	6-8	8-10
			TOB008	TOB008	TOB008	TOB008	TOB008	TOB008	TOB008	TOB008	TOB008	TOB008
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.051 U	0.091 B	0.054 U	0.094 B	**0.11**
Aluminum	SB	33,000				1100 *			2290 *	1900 *	6330 *	
Antimony	SB	N/A				0.34 UJN			0.35 UJN	0.35 UJN	0.37 UJN	
Arsenic	7.5 or SB	3 - 12	1.5	0.58 UJ	0.58 U	0.82 B	0.58 U	3.0	2.1	4.8	4.5	2.9
Barium	300 or SB	15 - 600	19.1 B	5.5 BJ	4.2 B	7.3 B	5.4 B	11.5 B	10.5 B	11.7 B	71.4	20.5 B
Beryllium	0.16 or SB	0 - 1.75				1.8 U			1.8 U	1.8 U	1.9 U	
Calcium	SB	130 – 35,000				1120 J*			24500 J*	10400 J*	21700 J*	
Cadmium	10	0.1 - 1	2.2 JN*	0.17 BN*	0.16 BJN*	0.28 BJN*	0.27 BJN*	2.1 N*	4.7 JN*	7.2 JN*	564 JN*	**14.2** JN*
Chromium	50	1.5 - 40	44.4 JN*	4.8 JN*	5.7 JN*	20.1 JN*	15.8 JN*	25.4 N*	68.7 JN*	111 JN*	**2970** JN*	277 JN*
Cobalt	30 or SB	2.5 - 60				1.1 B			1.4 B	1.4 B	4.4 B	
Copper	25 or SB	1 - 50				3.6			5.3	16.0	60.8	
Iron	2,000 or SB	2,000 – 550,000				4900 *			3810 J*	3670 J*	6490 J*	
Lead	400	200 - 500	5.2	0.86	1.3	0.75	0.77	3.7	4.2	8.8	106	11.8
Magnesium	SB	100 – 5,000				255 B			1060	420 B	987	
Manganese	SB	50 – 5,000				42.0			82.6	44.8	146	
Nickel	13 or SB	0.5 - 25				2.2 B			2.9 B	3.8 B	13.0	
Potassium	SB	8,500 – 43,000				153 B			228 B	205 B	341 B	
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.86	0.55 U	0.56 U	0.56 U	0.56 U	0.58 U	0.58 U	0.61 U	0.57 U
Silver	SB	N/A	0.38 U	0.86	0.37 U	0.37 U	0.37 U	0.37 U	0.38 U	1.8	1.5	0.38 U
Sodium	SB	6,000 - 8,000				54.8 B			57.7 B	78.0 B	207 B	
Thallium	SB	N/A				0.52 U			0.54 U	0.54 U	0.57 U	
Vanadium	150 or SB	1 - 300				2.6 B			4.7 B	5.1 B	9.6	
Zinc	20 or SB	9 - 50				16.6 *			42.3 *	46.7 *	1270 *	
Chromium (VI)	50	1.5 - 40				1 U			1.1 U	9.3	5.5	
Cyanide	**	–				0.52 UJ			0.68	0.56	23.4	

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring I-11					Boring I-12				
			0-2	2-4	4-6	6-8	8-10	0-2	2-4	4-6	6-8	8-10
			TOB009	TOB009	TOB009	TOB009	TOB009	TOB009	TOB009	TOB009	TOB009	TOB009
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.053 U	0.052 U	0.052 U	0.053 U	0.051 U	0.051 U	0.052 U	0.052 U	0.053 U
Aluminum	SB	33,000				1450					1340	
Antimony	SB	N/A				0.60 UJN					0.60 UJN	
Arsenic	7.5 or SB	3 - 12	1.0 B	0.99 B	0.53 B	0.47 B	0.82 B	1.2	1.7	1.2	0.74 B	2.7
Barium	300 or SB	15 - 600	7.1 B	9.1 B	5.4 B	6.6 B	5.7 B	9.0 B	7.2 B	6.5 B	3.4 B	27.5
Beryllium	0.16 or SB	0 - 1.75				0.12 B					0.061 B	
Calcium	SB	130 – 35,000				1240 EJ					996 EJ	
Cadmium	10	0.1 - 1	0.068 U	0.069 U	0.068 U	0.068 U	0.069 U	0.067 U	0.17 B	0.068 U	0.068 U	0.069 U
Chromium	50	1.5 - 40	6.8	7.8	5.7	10.0	10.9	11.0	22.4	15.5	4.3	22.7
Cobalt	30 or SB	2.5 - 60				1.3 B					0.65 B	
Copper	25 or SB	1 - 50				3.0					1.9 B	
Iron	2,000 or SB	2,000 – 550,000				4590					2780	
Lead	400	200 - 500	1.5	1.6	0.93	1.4	1.3	2.7	2.8	2.2	0.87	5.8
Magnesium	SB	100 – 5,000				231 B					181 B	
Manganese	SB	50 – 5,000				51.4 JN					27.6 JN	
Nickel	13 or SB	0.5 - 25				1.8 B					2.0 B	
Potassium	SB	8,500 – 43,000				144 B					90.1 B	
Selenium	2 or SB	0.1 - 3.9	0.48 UJN	0.49 UJN	0.51 BJN	0.62 JN	0.68 JN	0.48 UJN	0.46 UJN	0.60 JN	0.49 UJN	0.49 UJN
Silver	SB	N/A	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Sodium	SB	6,000 - 8,000				38.9 B					20.6 B	
Thallium	SB	N/A				0.96 B					0.52 B	
Vanadium	150 or SB	1 - 300				3.0 B					2.6 B	
Zinc	20 or SB	9 - 50				10.7					7.2	
Chromium (VI)	50	1.5 - 40				1 U					1 U	
Cyanide	**	–				0.52 U					0.52 U	

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-1									
			0-2	2-4	4-6	6-8	8-10	18-20	28-30	38-40	48-50	58-60
			TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.73	0.30	0.51	0.26	0.34	0.36	0.053 U	0.057 B	0.088 B	0.061 U
Aluminum	SB	33,000									3500 J*	
Antimony	SB	N/A									0.72 U	
Arsenic	7.5 or SB	3 - 12	4.9	4.7	6.5	6.9	5.4	6.4	1.3	1.5	1.7	1.8
Barium	300 or SB	15 - 600	53.1	62.6	167	65.0	49.7	131	4.8 B	3.3 B	29.9	4.8 B
Beryllium	0.16 or SB	0 - 1.75									0.25 B	
Calcium	SB	130 – 35,000									388 B	
Cadmium	10	0.1 - 1	33.5	14.4	26.3	18.2	19.9	11.1	1.1	0.74	0.22 B	0.080 U
Chromium	50	1.5 - 40	1340	393	287	332	610	279	13.2	24.3	28.6	6.1
Cobalt	30 or SB	2.5 - 60									0.67 B	
Copper	25 or SB	1 - 50									32.0	
Iron	2,000 or SB	2,000 – 550,000									1430 J*	
Lead	400	200 - 500	63.4	52.2	61.1	48.0	44.1	419	0.86 J	1.8	16.8	3.0
Magnesium	SB	100 – 5,000									95.9 B	
Manganese	SB	50 – 5,000									8.6	
Nickel	13 or SB	0.5 - 25									2.2 B	
Potassium	SB	8,500 – 43,000									609 B	
Selenium	2 or SB	0.1 - 3.9	0.68 JN	1.2 JN	0.84 JN	1.1 JN	0.63 JN	1.3 JN	0.49 UN	0.53 UN	0.58 UN	0.57 UN
Silver	SB	N/A	4.7	3.0	2.9	8.8	3.2	2.5	0.14 U	0.15 U	0.17 U	0.16 U
Sodium	SB	6,000 - 8,000									117 B	
Thallium	SB	N/A									0.60 JB	
Vanadium	150 or SB	1 - 300									8.2	
Zinc	20 or SB	9 - 50									8.6	
Chromium (VI)	50	1.5 - 40									12 U	
Cyanide	**	–									0.62 U	

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective(1)	NYSDEC Eastern USA Background(1)	Boring J-3							
			2-4	4-6	8-10	18-20	28-30	38-40	48-50	58-60
			TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030	TOB030
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.15	0.051 U	0.051 U	0.052 U	0.051 U	0.052 U	0.054 U	0.058 U
Aluminum	SB	33,000								560 J*
Antimony	SB	N/A								0.38 U
Arsenic	7.5 or SB	3 - 12	0.70 B	3.3	1.4	1.3	0.81 B	5.1	0.71 B	0.90 B
Barium	300 or SB	15 - 600	4.9 B	26.4	12.4 B	5.5 B	4.8 B	7.6 B	2.2 B	4.5 B
Beryllium	0.16 or SB	0 - 1.75								2.0 JU
Calcium	SB	130 – 35,000								69.9 B
Cadmium	10	0.1 - 1	0.039 U	2.5	0.41 B	0.038 U	0.23 B	1.3	0.040 U	0.043 U
Chromium	50	1.5 - 40	5.6 J*	76.5 J	23.5 J	15.0 J*	4.4 J*	19.2 J*	2.2 J*	1.2 J*
Cobalt	30 or SB	2.5 - 60								0.23 B
Copper	25 or SB	1 - 50								0.52 B
Iron	2,000 or SB	2,000 – 550,000								2060
Lead	400	200 - 500	1.8	16.1	4.1	0.32	0.60	0.12 U	1.1	2.4
Magnesium	SB	100 – 5,000								23.0 B
Manganese	SB	50 – 5,000								5.5 JN*
Nickel	13 or SB	0.5 - 25								0.23 U
Potassium	SB	8,500 – 43,000								161 JBE
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.55 U	0.55 U	0.55 U	0.55 U	0.56 U	0.58 U	0.63 U
Silver	SB	N/A	0.38 U	2.3	0.46 B	0.37 U	0.37 U	0.37 U	0.39 U	0.42 U
Sodium	SB	6,000 - 8,000								17.5 B
Thallium	SB	N/A								0.58 U
Vanadium	150 or SB	1 - 300								4.8 B
Zinc	20 or SB	9 - 50								1.4 B
Chromium (VI)	50	1.5 - 40								1.2 U
Cyanide	**	–								0.58 U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-5															
			0-2		2-4		4-6		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB014		TOB014		TOB014		TOB014		TOB014		TOB014		TOB014		TOB014		TOB014	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.057	B	0.052	U	0.051	U	0.051	U	0.056	U	0.055	U	0.056	U	0.058	U
Aluminum	SB	33,000							1200											
Antimony	SB	N/A							0.34	U										
Arsenic	7.5 or SB	3 - 12	1.9		2.1		2.7		1.1		0.66	B	0.66	B	1.3		1.5		0.69	B
Barium	300 or SB	15 - 600	14.1	B	39.9		37.5		7.8	B	5.0	B	2.8	B	7.3	B	13.3	B	1.6	B
Beryllium	0.16 or SB	0 - 1.75							1.8	JU										
Calcium	SB	130 – 35,000							248	B										
Cadmium	10	0.1 - 1	0.13	B	1.5		0.70		0.10	B	0.038	U	0.041	U	0.20	B	0.041	U	0.042	U
Chromium	50	1.5 - 40	11.0		32.3		32.0		10.4		3.2		2.5		4.2		4.9		1.3	
Cobalt	30 or SB	2.5 - 60							0.98	B										
Copper	25 or SB	1 - 50							3.0											
Iron	2,000 or SB	2,000 – 550,000	2.6		11.8		8.5		3520		0.56		0.88		1.6		3.6		0.68	
Lead	400	200 - 500							1.1											
Magnesium	SB	100 – 5,000							226	B										
Manganese	SB	50 – 5,000							50.4											
Nickel	13 or SB	0.5 - 25							1.6	B										
Potassium	SB	8,500 – 43,000							159	JBE										
Selenium	2 or SB	0.1 - 3.9	0.56	JUN	0.59	JUN	0.56	JUN	0.55	JUN	0.55	JUN	0.60	JUN	0.59	JUN	0.60	JUN	0.62	JUN
Silver	SB	N/A	0.37	U	1.5		0.54	B	0.37	U	0.37	U	0.40	U	0.39	U	0.40	U	0.41	U
Sodium	SB	6,000 - 8,000							23.3	B										
Thallium	SB	N/A							0.51	U										
Vanadium	150 or SB	1 - 300							2.9	B										
Zinc	20 or SB	9 - 50							8.3											
Chromium (VI)	50	1.5 - 40							1	U										
Cyanide	**	–							0.51	U										

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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-7															
			0-2		2-4		4-6		6-8		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011		TOB011	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.078	B	0.084	B	0.051	U	0.051	U	0.052	U	0.052	U	0.052	U	0.052	U	0.055	U	0.061	U
Aluminum	SB	33,000	4050																			
Antimony	SB	N/A	0.62	JUN																		
Arsenic	7.5 or SB	3 - 12	1.8	J	5.0		1.5	J	1.8	J	1.0	JB	3.5	J	1.3	J	3.3	J	2.8	J	1.2	JB
Barium	300 or SB	15 - 600	30.2		69.5		9.2	B	5.0	B	9.3	B	5.5	B	5.6	B	9.3	B	7.2	B	2.3	B
Beryllium	0.16 or SB	0 - 1.75	0.16	B																		
Calcium	SB	130 – 35,000	3800	*																		
Cadmium	10	0.1 - 1	0.070	U	3.0		0.067	U	0.067	U	0.068	U	0.068	U	0.068	U	0.068	U	0.073	U	0.080	U
Chromium	50	1.5 - 40	28.9	JN*	82.8	JN*	4.5	JN*	2.8	JN*	10.5	JN*	3.2	JN*	3.7	JN*	31.7	JN*	3.0	JN*	1.1	JBN*
Cobalt	30 or SB	2.5 - 60	2.1	B																		
Copper	25 or SB	1 - 50	5.8																			
Iron	2,000 or SB	2,000 – 550,000	7850	J*																		
Lead	400	200 - 500	4.0	JN	117	JN	2.7	JN	1.4	JN	2.5	JN	1.6	JN	1.1	JN	3.9	JN	2.4	JN	0.87	JN
Magnesium	SB	100 – 5,000	1010	J*																		
Manganese	SB	50 – 5,000	56.0																			
Nickel	13 or SB	0.5 - 25	3.6	B																		
Potassium	SB	8,500 – 43,000	780																			
Selenium	2 or SB	0.1 - 3.9	0.50	U	0.49	U	0.48	U	0.48	U	0.48	U	0.49	U	0.49	U	0.49	U	0.52	U	0.57	U
Silver	SB	N/A	0.14	U	2.0		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.16	U
Sodium	SB	6,000 - 8,000	124	B																		
Thallium	SB	N/A	0.43	U																		
Vanadium	150 or SB	1 - 300	10.9																			
Zinc	20 or SB	9 - 50	17.0																			
Chromium (VI)	50	1.5 - 40	1.9																			
Cyanide	**	--	0.53	U																		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-9																	
			0-2		2-4		4-6		6-8		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.053	U	0.051	U	0.052	U	0.051	U	0.052	U	0.052	U	0.054	U	0.052	U	0.053	U	0.058	U
Aluminum	SB	33,000							2290													
Antimony	SB	N/A							0.59	UJN												
Arsenic	7.5 or SB	3 - 12	2.8		0.91	B	1.1		1.3		0.55	B	0.55	B	13.2		3.8		4.3		0.95	B
Barium	300 or SB	15 - 600	18.7	B	3.8	B	12.0	B	15.9	B	6.8	B	8.4	B	7.4	B	3.4	B	3.2	B	1.5	B
Beryllium	0.16 or SB	0 - 1.75							0.14	B												
Calcium	SB	130 – 35,000							5200													
Cadmium	10	0.1 - 1	0.39	B	1.6		0.61		0.30	B	0.79		2.0		0.071	U	0.24	B	0.19	B	0.077	U
Chromium	50	1.5 - 40	47.1	*	4.5	*	6.7	*	17.8	*	5.9	*	35.5	*	25.0	*	12.1	*	9.7	*	3.5	*
Cobalt	30 or SB	2.5 - 60							2.9	B												
Copper	25 or SB	1 - 50							4.8													
Iron	2,000 or SB	2,000 – 550,000							7100													
Lead	400	200 - 500	6.4		1.3		2.8		2.6		1.4		3.1		6.4		2.4		1.7		0.83	
Magnesium	SB	100 – 5,000							1830													
Manganese	SB	50 – 5,000							277	*												
Nickel	13 or SB	0.5 - 25							4.2													
Potassium	SB	8,500 – 43,000							210	BE												
Selenium	2 or SB	0.1 - 3.9	0.50	UN	0.48	UN	0.49	UN	0.48	UN	0.49	UN	0.49	UN	1.1	JN	0.49	UN	0.49	UN	0.55	UN
Silver	SB	N/A	0.86	B	0.14	U	0.14	U	0.14	U	0.14	U	0.29	B	0.15	U	0.14	U	0.14	U	0.16	U
Sodium	SB	6,000 - 8,000							87.4	B												
Thallium	SB	N/A							0.47	B												
Vanadium	150 or SB	1 - 300							5.7													
Zinc	20 or SB	9 - 50							14.3													
Chromium (VI)	50	1.5 - 40							1	U												
Cyanide	**	–							0.51	U												

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-2				Boring J-4			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB042	TOB042	TOB042	TOB042	TOB034	TOB034	TOB034	TOB034
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.23	0.47	0.092 B	0.11	0.11	0.051 U	0.10 B	0.052 U
Aluminum	SB	33,000				4560	6550			
Antimony	SB	N/A				0.37 U	1.3 B			
Arsenic	7.5 or SB	3 - 12	6.9	12.3	3.8	3.2	5.8	0.72 B	4.0	4.0
Barium	300 or SB	15 - 600	31.6	57.1	28.2	22.4 B	66.2	3.3 B	41.2	14.0 B
Beryllium	0.16 or SB	0 - 1.75				1.9 JU	1.8 U			
Calcium	SB	130 – 35,000				779	7910			
Cadmium	10	0.1 - 1	5.2 RN*	35.7 RN*	5.3 RN*	5.2 RN*	3.4	0.037 U	4.4	1.3
Chromium	50	1.5 - 40	173 J*	1290 J*	54.9 J*	49.6 J*	78.5 J*	2.8 J*	49.5 J*	46.5 J*
Cobalt	30 or SB	2.5 - 60				2.2 B	4.1 B			
Copper	25 or SB	1 - 50				16.2 JE	46.8			
Iron	2,000 or SB	2,000 – 550,000				6490	25400			
Lead	400	200 - 500	29.2	524	16.7	15.2	56.3	0.58	248	18.2
Magnesium	SB	100 – 5,000				583	1480			
Manganese	SB	50 – 5,000				91.6 JN*	169			
Nickel	13 or SB	0.5 - 25				7.5	13.7			
Potassium	SB	8,500 – 43,000				252 JBE	351 B			
Selenium	2 or SB	0.1 - 3.9	0.60 U	0.63 U	0.59 U	0.60 U	0.58 UN	0.55 UN	0.58 UN	0.56 UN
Silver	SB	N/A	3.9	6.6	5.3	5.1	3.8	0.36 U	2.5	0.50 B
Sodium	SB	6,000 - 8,000				36.8 B	104 B			
Thallium	SB	N/A				0.56 U	0.98 B			
Vanadium	150 or SB	1 - 300				8.3	25.3			
Zinc	20 or SB	9 - 50				45.3 JN*	218			
Chromium (VI)	50	1.5 - 40				1.1 U	1.1 U			
Cyanide	**	–				0.7 E	0.9 JE			

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-6				Boring J-8			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB037	TOB037	TOB037	TOB037	TOB008	TOB008	TOB008	TOB008
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.12 B	0.074 U	0.054 U	0.054 B	0.080 B	0.055 U	0.052 U
Aluminum	SB	33,000		7150			3820 *			
Antimony	SB	N/A		2.1 B			0.34 UJN			
Arsenic	7.5 or SB	3 - 12	0.80 B	6.7	14.0	3.9	2.1	2.9	2.9	0.98 B
Barium	300 or SB	15 - 600	6.8 B	125	59.6	48.3	31.0	104	62.7	7.5 B
Beryllium	0.16 or SB	0 - 1.75		2.1 JU			1.8 U			
Calcium	SB	130 – 35,000		5620			9850 J*			
Cadmium	10	0.1 - 1	0.059 B	1.5	6.4	5.1	3.1 JN*	3.9 JN*	0.71 JN*	0.34 BN*
Chromium	50	1.5 - 40	6.9 JN	54.9 JN	36.7 JN	36.6 JN	51.4 JN*	47.4 JN*	19.6 JN*	8.4 N*
Cobalt	30 or SB	2.5 - 60		6.2 B			3.3 B			
Copper	25 or SB	1 - 50		54.3			37.2			
Iron	2,000 or SB	2,000 – 550,000		15400			7780 *			
Lead	400	200 - 500	1.2 JN	54.4 JN	5.9 JN	20.4 JN	30.9	109	10.5	1.2
Magnesium	SB	100 – 5,000		895			1460			
Manganese	SB	50 – 5,000		137 JN			88.5			
Nickel	13 or SB	0.5 - 25		16.1			5.9			
Potassium	SB	8,500 – 43,000		299 B			245 B			
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.67 U	0.79 U	0.58 U	0.56 U	0.59 U	0.59 U	0.56 U
Silver	SB	N/A	0.37 U	1.3	0.53 U	0.59 B	2.0	2.4	0.39 U	0.37 U
Sodium	SB	6,000 - 8,000		122 B			84.8 B			
Thallium	SB	N/A		0.62 U			0.52 U			
Vanadium	150 or SB	1 - 300		22.5			10			
Zinc	20 or SB	9 - 50		272			101 *			
Chromium (VI)	50	1.5 - 40		1.2 U			1.1 U			
Cyanide	**	–		0.62 U			0.59 J			

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring J-10							
			0-2		2-4		4-6		8-10	
			TOBY006		TOBY006		TOBY006		TOBY006	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.052	U	0.052	U	0.052	U
Aluminum	SB	33,000	2610	EJ						
Antimony	SB	N/A	0.60	UNJ						
Arsenic	7.5 or SB	3 - 12	1.6		0.99	B	2.4		1.2	
Barium	300 or SB	15 - 600	8.7	BEJ	5.5	BEJ	5.5	BEJ	5.8	BEJ
Beryllium	0.16 or SB	0 - 1.75	0.16	B						
Calcium	SB	130 – 35,000	1830	*EJ						
Cadmium	10	0.1 - 1	0.068	U	0.068	U	0.068	U	0.68	
Chromium	50	1.5 - 40	6.5	*EJ	4.2	*EJ	17.9	*EJ	22.4	*EJ
Cobalt	30 or SB	2.5 - 60	1.8	B						
Copper	25 or SB	1 - 50	3.1							
Iron	2,000 or SB	2,000 – 550,000	5340	*EJ						
Lead	400	200 - 500	2.3	JN	1.3	JN	1.4	JN	2.7	JN
Magnesium	SB	100 – 5,000	450	BEJ						
Manganese	SB	50 – 5,000	86.1	N*EJ						
Nickel	13 or SB	0.5 - 25	2.4	B						
Potassium	SB	8,500 – 43,000	204	B						
Selenium	2 or SB	0.1 - 3.9	0.49	U	0.49	U	0.49	U	0.49	U
Silver	SB	N/A	0.14	U	0.14	U	0.14	U	0.44	B
Sodium	SB	6,000 - 8,000	34.0	B						
Thallium	SB	N/A	0.42	U						
Vanadium	150 or SB	1 - 300	5.6							
Zinc	20 or SB	9 - 50	10.3	EJ						
Chromium (VI)	50	1.5 - 40	1	U						
Cyanide	**	–	0.52	U						

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring K-4										Boring K-5									
			0-2		2-4		4-6		6-8		8-10		0-2		2-4		4-6		6-8		8-10	
			TOB004		TOB004		TOB004		TOB004		TOB004		TOB004		TOB004		TOB004		TOB004		TOB004	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.15		0.70		0.058	U	0.059	U	0.052	U	0.053	U	0.054	U	0.052	U	0.053	U	0.051	U
Aluminum	SB	33,000									952						3380				1290	
Antimony	SB	N/A									0.34	UJN					0.34	UJN			0.34	UJN
Arsenic	7.5 or SB	3 - 12	4.0		2.5		3.1		2.4		0.59	U	0.98	B	0.86	B	0.90	B	0.79	B	9.5	
Barium	300 or SB	15 - 600	538		16.2	B	32.0		49.0		5.5	B	8.6	B	12.2	B	23.3		14.9	B	7.5	B
Beryllium	0.16 or SB	0 - 1.75									1.8	U					1.8	U			1.8	U
Calcium	SB	130 – 35,000									213	B*					13500	*			1860	*
Cadmium	10	0.1 - 1	2.7		0.33	B	0.64		0.46	B	0.12	B	0.33	B	0.21	B	0.36	B	0.35	B	0.25	B
Chromium	50	1.5 - 40	41.1	JN	8.7	JN	14.2	JN	24.4	JN	3.1	JN	10.1	JN	7.9	JN	10.3	JN	17.8	JN	8.5	JN
Cobalt	30 or SB	2.5 - 60									0.44	B					2.1	B			1.1	B
Copper	25 or SB	1 - 50									1.8	B					6.0				3.1	
Iron	2,000 or SB	2,000 – 550,000									2800						5550				5710	
Lead	400	200 - 500	55.2	JN*	6.1	JN*	4.3	JN*	9.2	JN*	0.65	JN*	1.9	JN*	1.7	JN*	2.0	JN*	1.4	JN*	1.2	JN*
Magnesium	SB	100 – 5,000									174	B					3190				491	B
Manganese	SB	50 – 5,000									18.8						79.5				50.4	
Nickel	13 or SB	0.5 - 25									0.95	B					3.3	B			2.8	B
Potassium	SB	8,500 – 43,000									120	BEJ					264	BEJ			161	BEJ
Selenium	2 or SB	0.1 - 3.9	0.57	U	0.58	U	0.62	U	0.63	U	0.56	U	0.57	U	0.58	U	0.56	U	0.57	U	0.55	U
Silver	SB	N/A	2.1		0.39	U	0.41	U	0.42	U	0.37	U	0.38	U	0.39	U	0.37	U	0.38	U	0.37	U
Sodium	SB	6,000 - 8,000									20.6	B					113	B			34.4	B
Thallium	SB	N/A									0.52	U					0.52	U			0.51	U
Vanadium	150 or SB	1 - 300									1.9	B					12.1				4.2	B
Zinc	20 or SB	9 - 50									8.9	EJ					14.2	EJ			8.4	EJ
Chromium (VI)	50	1.5 - 40									1	U					1	U			1	U
Cyanide	**	–									0.52	U					0.52	U			0.51	U

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U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring K-6										Boring K-7									
			0-2		2-4		4-6		6-8		8-10		0-2		2-4		4-6		6-8		8-10	
			TOB004		TOB004		TOB004		TOB004		TOB004		TOB007		TOB007		TOB007		TOB007		TOB007	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.051	U	0.053	U	0.054	U	0.054	U	0.052	U	0.053	U	0.053	U	0.052	U	0.052	U
Aluminum	SB	33,000			3570				1540		1610								3280			
Antimony	SB	N/A			0.34	UJN			0.36	UJN	0.35	UJN							0.60	UJN		
Arsenic	7.5 or SB	3 - 12	3.5		4.0		2.1		0.92	B	0.98	B	2.2		5.6		2.2		2.3		1.3	
Barium	300 or SB	15 - 600	55.0		21.0		40.1		11.2	B	11.1	B	27.6		57.7		25.7		20.5	B	12.5	B
Beryllium	0.16 or SB	0 - 1.75			1.7	U			1.9	U	1.8	U							0.20	B		
Calcium	SB	130 – 35,000			20500	*			4760	*	5250	*							21200			
Cadmium	10	0.1 - 1	1.0		0.48	B	0.48	B	0.44	B	0.44	B	0.36	B	0.63		0.39	B	0.24	B	0.068	U
Chromium	50	1.5 - 40	20.4	JN	20.9	JN	19.7	JN	10	JN	17.8	JN	20.1	JN*	41.9	JN*	19.8	JN*	27.0	JN*	18.6	JN*
Cobalt	30 or SB	2.5 - 60			1.8	B			1.5	B	1.9	B							1.7	B		
Copper	25 or SB	1 - 50			8.1				5.7		10.2								7.8			
Iron	2,000 or SB	2,000 – 550,000			5700				5950		7320								7570			
Lead	400	200 - 500	12.9	JN*	4.1	JN*	19.5	JN*	5.6	JN*	3.1	JN*	4.0	JN*	16.3	JN*	7.2	JN*	5.4	JN*	2.9	JN*
Magnesium	SB	100 – 5,000			3920				889		1040								3920	*		
Manganese	SB	50 – 5,000			76.7				183		145								92.5	JN		
Nickel	13 or SB	0.5 - 25			4.2				3.1	B	5.0								5.2			
Potassium	SB	8,500 – 43,000			324	BEJ			165	BEJ	174	BEJ							325	B		
Selenium	2 or SB	0.1 - 3.9	0.56	U	0.55	U	0.57	U	0.58	U	0.58	U	0.49	U	2.3		0.50	U	0.49	U	0.49	U
Silver	SB	N/A	0.37	U	0.58	B	0.38	U	0.39	U	0.38	U	0.45	B	0.24	B	0.25	B	0.26	B	0.14	U
Sodium	SB	6,000 - 8,000			120	B			46.9	B	48.6	B							129	B		
Thallium	SB	N/A			0.51	U			0.54	U	0.54	U							0.72	B		
Vanadium	150 or SB	1 - 300			11.7				6.8		4.3	B							7.0			
Zinc	20 or SB	9 - 50			24.3	EJ			255	EJ	129	EJ							15.9	EJ		
Chromium (VI)	50	1.5 - 40			1	U			1.1	U	1.1								1	U		
Cyanide	**	–			0.51	U			0.54	U	0.54	U							0.52	U		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring K-8									
			0-2		2-4		4-6		6-8		8-10		18-20	
			TOB007		TOB007		TOB007		TOB007		TOB007		TOB007	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.11	B	0.057	B	0.054	U	0.055	U	0.057	U	0.053	U
Aluminum	SB	33,000											1780	
Antimony	SB	N/A											0.61	UJN
Arsenic	7.5 or SB	3 - 12	6.4		3.8		3.1		3.9		20.5		2.1	
Barium	300 or SB	15 - 600	179		37.0		26.8		26.9		57.8		8.8	B
Beryllium	0.16 or SB	0 - 1.75											0.11	B
Calcium	SB	130 – 35,000											1290	
Cadmium	10	0.1 - 1	24.2		0.74		0.46	B	0.26	B	0.76		0.070	U
Chromium	50	1.5 - 40	30.7	JN*	48.0	JN*	22.0	JN*	28.2	N*	3400	JN*	10.6	JN*
Cobalt	30 or SB	2.5 - 60											1.4	B
Copper	25 or SB	1 - 50											2.8	
Iron	2,000 or SB	2,000 – 550,000											4320	
Lead	400	200 - 500	65.7	JN*	16.6	JN*	11.1	JN*	18.6	N*	11.1	JN*	3.2	JN*
Magnesium	SB	100 – 5,000											240	B*
Manganese	SB	50 – 5,000											63.7	JN
Nickel	13 or SB	0.5 - 25											2.2	B
Potassium	SB	8,500 – 43,000											102	B
Selenium	2 or SB	0.1 - 3.9	0.82		0.49	U	0.51	U	0.51	U	17.0		0.50	U
Silver	SB	N/A	0.31	B	1.0	B	0.46	B	0.16	B	0.27	B	0.14	U
Sodium	SB	6,000 - 8,000											35.3	B
Thallium	SB	N/A											0.43	U
Vanadium	150 or SB	1 - 300											6.7	
Zinc	20 or SB	9 - 50											12.4	EJ
Chromium (VI)	50	1.5 - 40											1.1	U
Cyanide	**	–											0.53	U

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring K-9									
			0-2		2-4		4-6		6-8		8-10	
			TOB007		TOB007		TOB007		TOB007		TOB007	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.053	U	0.38		0.054	U	0.054	U	0.052	U
Aluminum	SB	33,000							1350			
Antimony	SB	N/A							0.62	UJN		
Arsenic	7.5 or SB	3 - 12	1.6		4.3		0.86	B	1.9		1.1	
Barium	300 or SB	15 - 600	13.2	B	47.0		12.9	B	12.9	B	13.2	B
Beryllium	0.16 or SB	0 - 1.75							0.12	B		
Calcium	SB	130 – 35,000							18200			
Cadmium	10	0.1 - 1	0.54		2.6		4.5		5.5		4.6	
Chromium	50	1.5 - 40	26.4	JN*	59.6	JN*	13.5	JN*	13.4	JN*	22.7	JN*
Cobalt	30 or SB	2.5 - 60							0.75	B		
Copper	25 or SB	1 - 50							9.8			
Iron	2,000 or SB	2,000 – 550,000							4670			
Lead	400	200 - 500	6.8	JN*	42.6	JN*	4.4	JN*	5.2	JN*	4.1	JN*
Magnesium	SB	100 – 5,000							8730	*		
Manganese	SB	50 – 5,000							58.2	JN		
Nickel	13 or SB	0.5 - 25							2.1	B		
Potassium	SB	8,500 – 43,000							148	B		
Selenium	2 or SB	0.1 - 3.9	0.49	U	0.54	U	0.51	U	0.50	U	0.49	U
Silver	SB	N/A	0.95	B	0.53	B	0.21	B	0.21	B	0.29	B
Sodium	SB	6,000 - 8,000							63.4	B		
Thallium	SB	N/A							0.43	U		
Vanadium	150 or SB	1 - 300							3.5	B		
Zinc	20 or SB	9 - 50							28.0	JE		
Chromium (VI)	50	1.5 - 40							1.1	U		
Cyanide	**	--							4.3	E		

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring L-5													
			0-2		2-4		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB045		TOB045		TOB045		TOB045		TOB045		TOB045		TOB045		TOB045	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.055	UN	0.052	UN	0.053	UN	0.053	UN	0.052	UN	0.052	UN	0.056	UN	0.062	UN
Aluminum	SB	33,000							2730	J*								
Antimony	SB	N/A							0.61	U								
Arsenic	7.5 or SB	3 - 12	0.51	B	0.40	B	2.1		2.2		1.3		0.89	B	7.8		0.81	B
Barium	300 or SB	15 - 600	10.8	B	12.6	B	13.2	B	14.2	B	5.9	B	4.8	B	10.7	B	2.9	B
Beryllium	0.16 or SB	0 - 1.75							0.17	B								
Calcium	SB	130 – 35,000							2090									
Cadmium	10	0.1 - 1	0.22	B	0.068	U	0.11	B	0.20	B	0.16	B	0.097	B	0.11	B	0.081	U
Chromium	50	1.5 - 40	9.5	J*	3.2	J*	22.3	J*	13.6	J*	8.2	J*	6.0	J*	66.2	J*	1.3	J*
Cobalt	30 or SB	2.5 - 60							1.8	B								
Copper	25 or SB	1 - 50							3.7									
Iron	2,000 or SB	2,000 – 550,000							5570									
Lead	400	200 - 500	4.0	JN	1.7	JN	3.5	JN	2.7	JN	1.6	JN	1.1	JN	8.5	JN	1.1	JN
Magnesium	SB	100 – 5,000							740									
Manganese	SB	50 – 5,000							68.8									
Nickel	13 or SB	0.5 - 25							3.0	B								
Potassium	SB	8,500 – 43,000							222	B								
Selenium	2 or SB	0.1 - 3.9	0.51	JU	0.49	JU	0.49	JU	0.49	JU	0.49	JU	0.49	JU	1.9		0.58	JU
Silver	SB	N/A	0.53	B	0.14	U	0.27	B	0.14	U	0.14	U	0.14	U	0.15	U	0.17	U
Sodium	SB	6,000 - 8,000							49.5	B								
Thallium	SB	N/A							0.42	U								
Vanadium	150 or SB	1 - 300							6.2									
Zinc	20 or SB	9 - 50							11.1									
Chromium (VI)	50	1.5 - 40							1.1	U								
Cyanide	**	–							0.53	U								

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring L-7													
			0-2		2-4		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB006		TOB006		TOB006		TOB006		TOB006		TOB006		TOB006		TOB006	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.054	U	0.053	U	0.051	U	0.053	U	0.052	U	0.055	U	0.053	U	0.062	U
Aluminum	SB	33,000	3450	EJ														
Antimony	SB	N/A	0.62	UNJ														
Arsenic	7.5 or SB	3 - 12	2.3		1.4		0.57	B	1.7		3.1		2.1		1.0	B	1.7	
Barium	300 or SB	15 - 600	18.7	BEJ	13.0	BEJ	6.1	BEJ	11.7	BEJ	16.1	BEJ	3.1	BEJ	2.9	BEJ	5.9	BEJ
Beryllium	0.16 or SB	0 - 1.75	0.23	B														
Calcium	SB	130 – 35,000	4260	*EJ														
Cadmium	10	0.1 - 1	0.27	B	0.070	U	0.067	U	0.069	U	0.068	U	0.071	U	0.070	U	0.081	U
Chromium	50	1.5 - 40	14.9	*EJ	21.4	*EJ	6.6	*EJ	5.3	*EJ	9.8	*EJ	2.6	*EJ	0.70	B*EJ	3.9	*EJ
Cobalt	30 or SB	2.5 - 60	3.1	B														
Copper	25 or SB	1 - 50	5.7															
Iron	2,000 or SB	2,000 – 550,000	6190	*EJ														
Lead	400	200 - 500	4.7	JN	5.6	JN	0.76	JN	1.8	JN	2.3	JN	1.5	JN	0.78	JN	5.3	JN
Magnesium	SB	100 – 5,000	624	EJ														
Manganese	SB	50 – 5,000	110	N*EJ														
Nickel	13 or SB	0.5 - 25	3.8	B														
Potassium	SB	8,500 – 43,000	171	B														
Selenium	2 or SB	0.1 - 3.9	0.50	U	0.50	U	0.48	U	0.50	U	0.48	U	0.51	U	0.50	U	0.58	U
Silver	SB	N/A	0.27	B	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.17	U
Sodium	SB	6,000 - 8,000	48.7	B														
Thallium	SB	N/A	0.56	B														
Vanadium	150 or SB	1 - 300	8.3															
Zinc	20 or SB	9 - 50	16.6	EJ														
Chromium (VI)	50	1.5 - 40	1.1	U														
Cyanide	**	–	0.54	U														

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring L-9							
			0-2	2-4	8-10	18-20	28-30	38-40	48-50	58-60
			TOB005	TOB005	TOB005	TOB005	TOB005	TOB005	TOB005	TOB005
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.062 B	0.060 U	0.052 U	0.052 U	0.051 U	0.053 U	0.052 U	0.058 U
Aluminum	SB	33,000	4180							
Antimony	SB	N/A	0.35 UJN							
Arsenic	7.5 or SB	3 - 12	1.2	3.8	0.58 U	0.64 B	14.9	0.60 U	0.58 B	0.66 U
Barium	300 or SB	15 - 600	16.9 B	51.8	4.0 B	4.3 B	6.9 B	3.3 B	1.0 B	1.2 B
Beryllium	0.16 or SB	0 - 1.75	1.8 U							
Calcium	SB	130 – 35,000	4200							
Cadmium	10	0.1 - 1	0.61	0.81	0.24 B	0.10 B	1.6	0.075 B	0.038 U	0.043 U
Chromium	50	1.5 - 40	20.1	19.9	4.1	3.1	83.0	3.1	0.62 B	1.3
Cobalt	30 or SB	2.5 - 60	2.2 B							
Copper	25 or SB	1 - 50	7.8							
Iron	2,000 or SB	2,000 – 550,000	5440							
Lead	400	200 - 500	3.6	6.8	0.59	1.0	0.12 U	0.97	0.38	1.0
Magnesium	SB	100 – 5,000	833							
Manganese	SB	50 – 5,000	62.4							
Nickel	13 or SB	0.5 - 25	4.6							
Potassium	SB	8,500 – 43,000	291 BEJ							
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.65 U	0.55 U	0.56 U	0.55 U	0.57 U	0.55 U	0.63 U
Silver	SB	N/A	0.50 B	0.43 U	0.37 U	0.37 U	0.37 U	0.38 U	0.37 U	0.42 U
Sodium	SB	6,000 - 8,000	96.8 B							
Thallium	SB	N/A	0.53 U							
Vanadium	150 or SB	1 - 300	7.5							
Zinc	20 or SB	9 - 50	33.9 EJ							
Chromium (VI)	50	1.5 - 40	1.5							
Cyanide	**	–	0.53 U							

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring L-4								Boring L-6									
			0-2		2-4		4-6		8-10		0-2		2-4		4-6		8-10		10-12	
			TOB003		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.25	U	0.054	U	0.057	U	0.052	U	0.052	U	0.052	U	0.054	U	0.052	U	0.052	U
Aluminum	SB	33,000	6190								2310									
Antimony	SB	N/A	0.33	U							0.34	U								
Arsenic	7.5 or SB	3 - 12	1.6		2.1		2.4		2.4		1.3	JN*	1.4	JN*	0.61	UJN*	0.66	BJN*	0.59	JN*
Barium	300 or SB	15 - 600	14.9	B	11.0	B	13.6	B	4.4	B	6.9	B	6.9	B	3.9	B	9.7	B	6.2	B
Beryllium	0.16 or SB	0 - 1.75	1.7	U							1.6	U								
Calcium	SB	130 – 35,000	3530								1520									
Cadmium	10	0.1 - 1	0.35	B	0.28	B	0.37	B	0.98	B	0.20	B	0.30	B	0.072	B	0.33	B	0.10	B
Chromium	50	1.5 - 40	21.3		10.3		10.6		2.8	B	9.2		11.1		5.8		53.7		6.3	
Cobalt	30 or SB	2.5 - 60	2.7	B							1.1	B								
Copper	25 or SB	1 - 50	5.6	*							2.0	JBN								
Iron	2,000 or SB	2,000 – 550,000	8780								4530	*								
Lead	400	200 - 500	3.2		2.7		2.4		1.5		1.1		1.5		0.39		0.66		0.51	
Magnesium	SB	100 – 5,000	1190	B							274	B								
Manganese	SB	50 – 5,000	77.1	JN*							46.1									
Nickel	13 or SB	0.5 - 25	5.7								1.7	B								
Potassium	SB	8,500 – 43,000	391	B							122	BEJ								
Selenium	2 or SB	0.1 - 3.9	0.54	U	0.58	U	0.61	U	0.55	U	0.56	U	0.56	U	0.58	U	0.56	U	0.56	U
Silver	SB	N/A	0.36	U	0.38	U	0.40	U	0.37	U	0.37	U	0.37	U	0.38	U	0.37	U	0.37	U
Sodium	SB	6,000 - 8,000	85.2	B							33.0	B								
Thallium	SB	N/A	0.51	U							0.52	U								
Vanadium	150 or SB	1 - 300	9.9								4.1	B								
Zinc	20 or SB	9 - 50	15.4								6.7									
Chromium (VI)	50	1.5 - 40	1	U							1	U								
Cyanide	**	--	0.51	U							0.52	UJ								

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring L-8							
			0-2		2-4		4-6		8-10	
			TOB003		TOB003		TOB003		TOB003	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.050	U	0.052	U	0.052	U	0.052	U
Aluminum	SB	33,000	2960							
Antimony	SB	N/A	0.33	U						
Arsenic	7.5 or SB	3 - 12	1.9	JN*	0.59	UJN*	1.4	JN*	1.0	BJN*
Barium	300 or SB	15 - 600	9.9	B	6.4	B	8.7	B	12.6	B
Beryllium	0.16 or SB	0 - 1.75	1.7	U						
Calcium	SB	130 – 35,000	1770							
Cadmium	10	0.1 - 1	0.64		0.084	B	0.76		0.43	B
Chromium	50	1.5 - 40	21.1		6.3		465		48.7	
Cobalt	30 or SB	2.5 - 60	2.1	B						
Copper	25 or SB	1 - 50	5.9	JN						
Iron	2,000 or SB	2,000 – 550,000	7100	*						
Lead	400	200 - 500	2.4		0.89		0.12	U	1.3	
Magnesium	SB	100 – 5,000	617							
Manganese	SB	50 – 5,000	57.9							
Nickel	13 or SB	0.5 - 25	4.0							
Potassium	SB	8,500 – 43,000	244	BEJ						
Selenium	2 or SB	0.1 - 3.9	0.54	U	0.56	U	0.56	U	0.56	U
Silver	SB	N/A	0.36	U	0.37	U	0.37	U	0.37	U
Sodium	SB	6,000 - 8,000	44.3	B						
Thallium	SB	N/A	0.50	U						
Vanadium	150 or SB	1 - 300	6.6							
Zinc	20 or SB	9 - 50	20.7							
Chromium (VI)	50	1.5 - 40	1	U						
Cyanide	**	–	0.50	UJ						

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U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring M-4				Boring M-5			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB002	TOB002	TOB002	TOB002	TOB002	TOB002	TOB002	TOB002
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.051 U	0.054 U	0.051 U	0.053 U	0.081 B	0.051 U	0.051 U	0.053 U
Aluminum	SB	33,000	2980				4660			
Antimony	SB	N/A	0.34 U				0.34 U			
Arsenic	7.5 or SB	3 - 12	1.2	0.61 U	0.69 B	1.9	3.6	0.58 U	1.1	0.87 B
Barium	300 or SB	15 - 600	14.9 B	6.6 B	11.9 B	8.7 B	23.2	13.7 B	11.6 B	7.0 B
Beryllium	0.16 or SB	0 - 1.75	1.7 U				1.8 U			
Calcium	SB	130 – 35,000	7010				596			
Cadmium	10	0.1 - 1	0.57	0.95	0.23 B	0.20 B	4.4	0.11 B	0.76	0.22 B
Chromium	50	1.5 - 40	15.7	3.2	3.8	7.2	50.9	1.0	1.8	9.1
Cobalt	30 or SB	2.5 - 60	1.3 B				1.9 B			
Copper	25 or SB	1 - 50	4.5 *				21.7 *			
Iron	2,000 or SB	2,000 – 550,000	3800				6460			
Lead	400	200 - 500	3.2	0.85	1.4	0.81	17.9	2.5	0.12 U	0.78
Magnesium	SB	100 – 5,000	638				506 B			
Manganese	SB	50 – 5,000	58.0 JN*				70.4 JN*			
Nickel	13 or SB	0.5 - 25	2.4 B				4.7			
Potassium	SB	8,500 – 43,000	279 B				269 B			
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.58 U	0.55 U	0.57 U	0.56 U	0.55 U	0.55 U	0.56 U
Silver	SB	N/A	0.49 B	0.38 U	0.37 U	0.38 U	4.5	0.37 U	0.37 U	0.38 U
Sodium	SB	6,000 - 8,000	106 B				43.9 B			
Thallium	SB	N/A	0.51 U				0.52 U			
Vanadium	150 or SB	1 - 300	6.4				10.7			
Zinc	20 or SB	9 - 50	14.1				51.0			
Chromium (VI)	50	1.5 - 40	1.7				3.0			
Cyanide	**	–	0.51 U				0.52 U			

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* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring M-6				Boring M-7			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB002	TOB002	TOB002	TOB002	TOB001	TOB001	TOB001	TOB001
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.053 U	0.058 U	0.052 U	0.052 U	0.052 U	0.057 U	0.051 U	0.10 B
Aluminum	SB	33,000	1990				3880			
Antimony	SB	N/A	0.35 U				0.34 U			
Arsenic	7.5 or SB	3 - 12	0.90 B	0.97 B	0.59 U	0.60 B	1.7 *	1.9 *	0.57 U*	0.60 U*
Barium	300 or SB	15 - 600	6.0 B	18.0 B	4.3 B	4.2 B	11.8 B	26.1	7.0 B	8.5 B
Beryllium	0.16 or SB	0 - 1.75	1.8 U				1.8 U			
Calcium	SB	130 – 35,000	863				725			
Cadmium	10	0.1 - 1	0.14 B	0.30 B	0.13 B	0.16 B	0.68	0.24 B	0.12 B	0.22 B
Chromium	50	1.5 - 40	12.7	10.4	6.3	3.7	27.3 *	7.6 *	6.2 *	26.8 *
Cobalt	30 or SB	2.5 - 60	0.83 B				2.0 B			
Copper	25 or SB	1 - 50	2.1 B*				8.2			
Iron	2,000 or SB	2,000 – 550,000	3130				6120 *			
Lead	400	200 - 500	1.1	4.0	0.92	0.54	5.2	3.0	0.62	0.37
Magnesium	SB	100 – 5,000	253 B				557			
Manganese	SB	50 – 5,000	27.6 JN*				64.5			
Nickel	13 or SB	0.5 - 25	2.0 B				3.3 B			
Potassium	SB	8,500 – 43,000	151 B				214 BEJ			
Selenium	2 or SB	0.1 - 3.9	0.57 U	0.62 U	0.56 U	0.56 U	0.56 U	0.61 U	0.55 U	0.57 U
Silver	SB	N/A	0.38 U	0.41 U	0.37 U	0.37 U	0.76 B	0.41 U	0.36 U	0.38 U
Sodium	SB	6,000 - 8,000	26.4 B				48.5 B			
Thallium	SB	N/A	0.53 U				0.52 U			
Vanadium	150 or SB	1 - 300	4.4 B				7.6			
Zinc	20 or SB	9 - 50	5.7				21.5			
Chromium (VI)	50	1.5 - 40	1.1 U				2.4			
Cyanide	**	--	0.53 U				0.52 U			

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** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring M-8				Boring M-9			
			0-2	2-4	4-6	8-10	0-2	2-4	4-6	8-10
			TOB001	TOB001	TOB001	TOB001	TOB001	TOB001	TOB001	TOB001
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.056 U	0.051 U	0.052 U	0.051 U	0.053 U	0.051 U	0.052 U	0.051 U
Aluminum	SB	33,000	15200						1250	
Antimony	SB	N/A	0.37 U						0.34 U	
Arsenic	7.5 or SB	3 - 12	4.7 *	0.83 B*	1.2 *	1.4 *	1.4 *	0.85 B*	0.58 U*	10.2 *
Barium	300 or SB	15 - 600	39.3	4.8 B	6.6 B	7.8 B	13.0 B	8.8 B	4.3 B	4.7 B
Beryllium	0.16 or SB	0 - 1.75	1.9 U						1.8 U	
Calcium	SB	130 – 35,000	592						444 B	
Cadmium	10	0.1 - 1	0.59	0.11 B	0.18 B	0.20 B	2.5	0.13 B	0.14 B	0.13 B
Chromium	50	1.5 - 40	16.6 *	2.2 *	10.8 *	13.7 *	74.9 *	13.7 *	4.6 *	6.5 *
Cobalt	30 or SB	2.5 - 60	6.7						1.0 B	
Copper	25 or SB	1 - 50	10.2						2.1 B	
Iron	2,000 or SB	2,000 – 550,000	17900 *						2660 *	
Lead	400	200 - 500	6.8	1.0	1.0	1.2	3.8	0.79	0.81	0.89
Magnesium	SB	100 – 5,000	2130						248 B	
Manganese	SB	50 – 5,000	148						48.9	
Nickel	13 or SB	0.5 - 25	9.5						1.9 B	
Potassium	SB	8,500 – 43,000	516 BEJ						145 BEJ	
Selenium	2 or SB	0.1 - 3.9	0.60 U	0.54 U	0.56 U	0.55 U	0.56 U	0.55 U	0.55 U	0.55 U
Silver	SB	N/A	0.40 U	0.36 U	0.37 U	0.37 U	3.0	0.36 U	0.37 U	0.36 U
Sodium	SB	6,000 - 8,000	202 B						27.5 B	
Thallium	SB	N/A	0.56 U						0.52 U	
Vanadium	150 or SB	1 - 300	25.8						2.5 B	
Zinc	20 or SB	9 - 50	39.6						9.5	
Chromium (VI)	50	1.5 - 40	1.1 U						1 U	
Cyanide	**	–	0.56 U						0.52 U	

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring N-5							
			0-2	2-4	8-10	18-20	28-30	38-40	48-50	58-60
			TOB005	TOB005	TOB005	TOB005	TOB005	TOB005	TOB005	TOB005
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	0.1	0.001 - 0.2	0.052 U	0.053 U	0.052 U	0.052 U	0.052 U	0.054 U	0.053 U*	0.060 U
Aluminum	SB	33,000	4400							
Antimony	SB	N/A	0.34 UJN							
Arsenic	7.5 or SB	3 - 12	2.8	1.2	1.2	1.1	1.5	1.2	0.60 U	0.67 U
Barium	300 or SB	15 - 600	23.0	7.7 B	8.5 B	10.1 B	12.0 B	4.8 B	2.5 B	1.8 B
Beryllium	0.16 or SB	0 - 1.75	1.8 U							
Calcium	SB	130 – 35,000	1470							
Cadmium	10	0.1 - 1	2.9	0.24 B	0.49 B	0.32 B	0.44 B	0.17 B	0.051 B	0.045 B
Chromium	50	1.5 - 40	52.1	3.4	56.9	13.7	20.0	5.0	0.73 B	2.4
Cobalt	30 or SB	2.5 - 60	2.6 B							
Copper	25 or SB	1 - 50	18.5							
Iron	2,000 or SB	2,000 – 550,000	6460							
Lead	400	200 - 500	24.6	1.7	1.0	4.1	6.8	1.2	1.5	1.3
Magnesium	SB	100 – 5,000	595							
Manganese	SB	50 – 5,000	84.3							
Nickel	13 or SB	0.5 - 25	5.3							
Potassium	SB	8,500 – 43,000	309 BEJ							
Selenium	2 or SB	0.1 - 3.9	0.55 U	0.56 U	0.56 U	0.56 U	0.56 U	0.57 U	0.57 U	0.64 U
Silver	SB	N/A	2.7	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.43 U
Sodium	SB	6,000 - 8,000	46.8 B							
Thallium	SB	N/A	0.52 U							
Vanadium	150 or SB	1 - 300	12.3							
Zinc	20 or SB	9 - 50	77.7 EJ							
Chromium (VI)	50	1.5 - 40	1.6							
Cyanide	**	–	0.52 U							

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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring N-7													
			0-2		2-4		8-10		18-20		28-30		38-40		48-50		58-60	
			TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010		TOB010	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.053	U	0.082	B	0.052	U	0.055	U	0.054	U	0.053	U	0.052	U	0.059	U
Aluminum	SB	33,000	4220															
Antimony	SB	N/A	0.61	UJN														
Arsenic	7.5 or SB	3 - 12	4.7		3.2		4.4		2.1		1.6		6.1		1.1		2.2	
Barium	300 or SB	15 - 600	18.0	B	855		60.2		68.5		9.9	B	43.8		2.3	B	2.6	B
Beryllium	0.16 or SB	0 - 1.75	0.16	B														
Calcium	SB	130 – 35,000	15200															
Cadmium	10	0.1 - 1	0.53		0.65		0.25	B	0.19	B	0.071	U	0.37	B	0.071	B	0.077	U
Chromium	50	1.5 - 40	22.6	*	55.9	*	89.6	*	31.8	*	9.2	*	84.8	*	2.1	*	6.1	*
Cobalt	30 or SB	2.5 - 60	1.5	B														
Copper	25 or SB	1 - 50	4.7															
Iron	2,000 or SB	2,000 – 550,000	5390															
Lead	400	200 - 500	2.7		22.3		13.7		9.2		2.0		14.5		0.88		2.5	
Magnesium	SB	100 – 5,000	1240															
Manganese	SB	50 – 5,000	64.8	*														
Nickel	13 or SB	0.5 - 25	3.0	B														
Potassium	SB	8,500 – 43,000	215	BE														
Selenium	2 or SB	0.1 - 3.9	0.50	UN	0.86	N	0.49	UN	0.51	UN	0.51	UN	0.95	JN	0.49	UN	0.55	UN
Silver	SB	N/A	0.14	U	0.15	U	0.14	U	0.15	U	0.15	U	0.14	U	0.14	U	0.16	U
Sodium	SB	6,000 - 8,000	84.1	B														
Thallium	SB	N/A	0.46	B														
Vanadium	150 or SB	1 - 300	5.9															
Zinc	20 or SB	9 - 50	16.8															
Chromium (VI)	50	1.5 - 40	1.1	U														
Cyanide	**	--	0.53	U														

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring N-9																	
			0-2		2-4		8-10		10-12		18-20		28-30		38-40		48-50		58-60	
			TOB010		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003		TOB003	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	U	0.070	B	0.052	U	0.20		0.11		0.052	U	0.052	U	0.052	U	0.058	U
Aluminum	SB	33,000							1610										158	
Antimony	SB	N/A							0.35	U									0.38	U
Arsenic	7.5 or SB	3 - 12	1.2		1.4	JN*	0.59	UJN*	4.2	JN*	2.8	JN*	1.8	JN*	1.5	JN*	9.4	JN*	1.1	BJN*
Barium	300 or SB	15 - 600	14.1	B	21.5	B	4.9	B	19.9	B	18.1	B	6.8	B	4.3	B	9.0	B	2.0	B
Beryllium	0.16 or SB	0 - 1.75							1.8	U									2.0	U
Calcium	SB	130 – 35,000							3690										64.3	B
Cadmium	10	0.1 - 1	0.50	B	1.1		0.17	B	0.75		0.92		0.22	B	0.18	B	0.61		0.069	B
Chromium	50	1.5 - 40	24.1	*	14.5		10.5		34.1		42.9		16.9		7.8		20.6		3.6	
Cobalt	30 or SB	2.5 - 60							1.8	B									0.21	B
Copper	25 or SB	1 - 50							15.5	JN									0.45	BJN
Iron	2,000 or SB	2,000 – 550,000							7860	*									1540	*
Lead	400	200 - 500	13.1		143		1.9		13.3		8.3		1.6		1.7		0.86		1.1	
Magnesium	SB	100 – 5,000							395	B									6.5	B
Manganese	SB	50 – 5,000							57.1										9.0	
Nickel	13 or SB	0.5 - 25							5.6										0.32	B
Potassium	SB	8,500 – 43,000							140	BEJ									53.3	BEJ
Selenium	2 or SB	0.1 - 3.9	0.49	UN	0.60	U	0.56	U	0.57	U	0.58	U	0.56	U	0.55	U	0.56	U	0.62	U
Silver	SB	N/A	0.14	U	0.40	U	0.37	U	0.38	U	0.39	U	0.37	U	0.37	U	0.37	U	0.41	U
Sodium	SB	6,000 - 8,000							57.9	B									32.5	B
Thallium	SB	N/A							0.53	U									0.58	U
Vanadium	150 or SB	1 - 300							4.5	B									1.8	B
Zinc	20 or SB	9 - 50							92.1										2.7	
Chromium (VI)	50	1.5 - 40							1.1	U									1.2	U
Cyanide	**	--							0.53	UJ									0.58	UJ

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring N-4										Boring N-6							
			0-2		2-4		4-6		8-10		10-12		0-2		2-4		4-6		8-10	
			TOB035		TOB035		TOB035		TOB035		TOB035		TOB004		TOB004		TOB004		TOB004	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.052	UN	0.056	UN	0.051	UN	0.052	UN	0.051	UN	0.073	B	0.054	U	0.053	U	0.052	U
Aluminum	SB	33,000	2950								1530		3950							
Antimony	SB	N/A	0.72	JBN							0.59	JUN	0.34	UJN						
Arsenic	7.5 or SB	3 - 12	2.3		1.1	B	0.31	B	0.75	B	1.1		2.6		3.6		1.1		1.1	
Barium	300 or SB	15 - 600	15.5	B	10	B	4.1	B	10.1	B	8.4	B	16.6	B	84.1		11.6	B	14.6	B
Beryllium	0.16 or SB	0 - 1.75	0.15	B							0.095	B	1.8	U						
Calcium	SB	130 – 35,000	916								986		4810	*						
Cadmium	10	0.1 - 1	1.2		0.11	B	0.066	U	0.068	U	0.11	B	0.77		1.3		0.26	B	0.30	B
Chromium	50	1.5 - 40	38.5	JN	6.5	JN	2.0	JN	5.2	JN	23.8	JN	20.3	JN	14.6	JN	8.4	JN	15.0	JN
Cobalt	30 or SB	2.5 - 60	1.5	B							2.5	B	2.1	B						
Copper	25 or SB	1 - 50	19.0	J*							5.6	J*	6.0							
Iron	2,000 or SB	2,000 – 550,000	5870								6760		7390							
Lead	400	200 - 500	9.9		3.7		0.99	J	2.7		2.1		7.0	JN*	21.8	JN*	1.8	JN*	1.2	JN*
Magnesium	SB	100 – 5,000	358	B							269	B	839							
Manganese	SB	50 – 5,000	67.6	J*							138	J*	80.0							
Nickel	13 or SB	0.5 - 25	2.9	B							2.5	B	3.5	B						
Potassium	SB	8,500 – 43,000	170	B							155	B	336	BE						
Selenium	2 or SB	0.1 - 3.9	0.49	U	0.53	U	0.48	U	0.49	U	0.48	U	0.56	U	0.58	U	0.57	U	0.56	U
Silver	SB	N/A	1.5		0.15	U	0.14	U	0.14	U	0.14	U	0.37	U	0.38	U	0.38	U	0.37	U
Sodium	SB	6,000 - 8,000	35.6	B							39.4	B	59.5	B						
Thallium	SB	N/A	0.42	U							0.41	U	0.52	U						
Vanadium	150 or SB	1 - 300	7.0								3.9	B	6.6							
Zinc	20 or SB	9 - 50	35.7								9.9		36.4	EJ						
Chromium (VI)	50	1.5 - 40	1.8								1	U	1	U						
Cyanide	**	–	0.52	U							0.51	U	0.52	U						

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.2 (continued). METAL SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	NYSDEC Eastern USA Background[1]	Boring N-8							
			0-2		2-4		4-6		8-10	
			TOB001		TOB001		TOB001		TOB001	
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)	
Mercury	0.1	0.001 - 0.2	0.056	U	0.056	U	0.051	U	0.052	U
Aluminum	SB	33,000	10800							
Antimony	SB	N/A	0.37	U						
Arsenic	7.5 or SB	3 - 12	10.0	*	2.5	*	0.97	B*	0.58	U*
Barium	300 or SB	15 - 600	28.0		27.4		9.1	B	6.6	B
Beryllium	0.16 or SB	0 - 1.75	1.9	U						
Calcium	SB	130 – 35,000	569							
Cadmium	10	0.1 - 1	0.64		0.27	B	0.14	B	0.11	B
Chromium	50	1.5 - 40	17.0	*	12.1	*	2.9	*	4.0	*
Cobalt	30 or SB	2.5 - 60	3.5	B						
Copper	25 or SB	1 - 50	12.8							
Iron	2,000 or SB	2,000 – 550,000	27900	*						
Lead	400	200 - 500	3.5		4.0		0.65		0.51	
Magnesium	SB	100 – 5,000	1340							
Manganese	SB	50 – 5,000	164							
Nickel	13 or SB	0.5 - 25	5.9							
Potassium	SB	8,500 – 43,000	499	BEJ						
Selenium	2 or SB	0.1 - 3.9	0.60	U	0.60	U	0.55	U	0.55	U
Silver	SB	N/A	0.40	U	0.40	U	0.37	U	0.37	U
Sodium	SB	6,000 - 8,000	92.4	B						
Thallium	SB	N/A	0.56	U						
Vanadium	150 or SB	1 - 300	50.6							
Zinc	20 or SB	9 - 50	26.4							
Chromium (VI)	50	1.5 - 40	1.1	U						
Cyanide	**	–	0.56	U						

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Parameter detected less than the Contract Required Detection Limit (CRDL) but greater than Instrumentation Detection Limit (IDL).
E – Reported value is estimated due to the presence of interference.
N – Matrix spike sample recovery not within control limits.
U – Parameter was analyzed for but not detected, i.e., less than IDL.
* - Duplicate analysis is not within control limits.
** - Soil cleanup objective should consider the site specific form(s) of cyanide.

TABLE 4.2.3. VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10
		0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	600	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2 Trichloroethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	200	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	400	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	100	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene	300	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2 Dichloropropane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2-Butanone	300	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-Pentanone	1000	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	200	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	60	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon Disulfide	2700	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon Tetrachloride	600	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	1700	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	1900	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	300	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloromethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3 Dichloropropene		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	5500	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	100	11 U	11 U	12 U	18 U	22 U	19 U	20 U	11 U	11 U	11 U
Styrene		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	1400	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	1500	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
trans-1,3 Dichloropropene		11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	700	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	200	11 U	11 U	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Xylenes	1200	11 U	11 U	12 U	11 U	3 J	11 U	2 J	11 U	11 U	11 U
Total	10000	U	U	U	U	U	U	U	U	U	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	A-11	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
		0-2 ft	8-10 ft	2-4 ft	58-60 ft	2-4 ft	0-2 ft	2-4 ft	0-2 ft	0-2 ft	4-6 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,1,2,2-Tetrachloroethane	600	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,1,2 Trichloroethane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,1-Dichloroethane	200	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,1-Dichloroethene	400	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,2-Dichloroethane	100	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,2-Dichloroethene	300	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
1,2 Dichloropropane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
2-Butanone	300	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
2-Hexanone		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
4-Methyl-2-Pentanone	1000	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Acetone	200	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Benzene	60	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Bromodichloromethane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Bromoform		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Bromomethane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Carbon Disulfide	2700	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Carbon Tetrachloride	600	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Chlorobenzene	1700	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Chloroethane	1900	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Chloroform	300	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Chloromethane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
cis-1,3 Dichloropropene		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Dibromochloromethane		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Ethylbenzene	5500	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Methylene chloride	100	33 R	10 U	10 U	11 U	10 U	39 R	24 U	11 U	47 UR	11 U
Styrene		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Tetrachloroethene	1400	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Toluene	1500	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
trans-1,3 Dichloropropene		10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Trichloroethene	700	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	2 J	11 U
Vinyl chloride	200	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Xylenes	1200	10 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	10 U	11 U
Total	10000	U	U	U	U	U	U	U	U	2	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	B-10	B-11	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8
		0-2 ft	0-2 ft	0-2 ft	2-4 ft	2-4 ft	2-4 ft	2-4 ft	2-4 ft	0-2 ft	0-2 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,1,2,2-Tetrachloroethane	600	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,1,2 Trichloroethane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,1-Dichloroethane	200	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,1-Dichloroethene	400	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,2-Dichloroethane	100	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,2-Dichloroethene	300	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
1,2 Dichloropropane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
2-Butanone	300	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
2-Hexanone		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
4-Methyl-2-Pentanone	1000	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Acetone	200	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Benzene	60	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Bromodichloromethane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Bromoform		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Bromomethane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Carbon Disulfide	2700	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Carbon Tetrachloride	600	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Chlorobenzene	1700	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Chloroethane	1900	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Chloroform	300	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Chloromethane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
cis-1,3 Dichloropropene		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Dibromochloromethane		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Ethylbenzene	5500	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Methylene chloride	100	10 U	11 U	10 U	11 U	10 U	11 U	11 U	23 U	19 U	45 UR
Styrene		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Tetrachloroethene	1400	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Toluene	1500	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
trans-1,3 Dichloropropene		10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Trichloroethene	700	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Vinyl chloride	200	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Xylenes	1200	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U
Total	10000	U	U	U	U	U	U	U	U	U	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	C-9	C-10	C-11	C-12	D-1	D-2	D-3	D-4	D-5	D-6
		0-2 ft	0-2 ft	0-2 ft	0-2 ft	4-6 ft	2-4 ft	28-30 ft	2-4 ft	2-4 ft	4-6 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	600	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,1,2 Trichloroethane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,1-Dichloroethane	200	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,1-Dichloroethene	400	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,2-Dichloroethane	100	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,2-Dichloroethene	300	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
1,2 Dichloropropane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
2-Butanone	300	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
2-Hexanone		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
4-Methyl-2-Pentanone	1000	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Acetone	200	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Benzene	60	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Bromodichloromethane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Bromoform		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Bromomethane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Carbon Disulfide	2700	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Carbon Tetrachloride	600	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Chlorobenzene	1700	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Chloroethane	1900	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Chloroform	300	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Chloromethane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
cis-1,3 Dichloropropene		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Dibromochloromethane		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Ethylbenzene	5500	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Methylene chloride	100	55 R	64 BR	68 JB	41 JU	10 U	10 U	10 U	11 U	10 U	26 U
Styrene		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Tetrachloroethene	1400	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Toluene	1500	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
trans-1,3 Dichloropropene		10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Trichloroethene	700	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Vinyl chloride	200	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Xylenes	1200	10 U	11 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	11 U
Total	10000	U	U	U	U	U	U	U	U	U	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	D-7	D-8	D-9	D-10	D-11	D-12	E-1	E-2	E-3	E-4
		28-30 ft	0-2 ft	48-50 ft	0-2 ft	4-6 ft	2-4 ft	2-4 ft	2-4 ft	4-6 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	600	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,1,2 Trichloroethane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,1-Dichloroethane	200	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,1-Dichloroethene	400	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,2-Dichloroethane	100	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,2-Dichloroethene	300	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
1,2 Dichloropropane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
2-Butanone	300	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
2-Hexanone		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
4-Methyl-2-Pentanone	1000	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Acetone	200	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Benzene	60	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Bromodichloromethane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Bromoform		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Bromomethane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Carbon Disulfide	2700	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Carbon Tetrachloride	600	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Chlorobenzene	1700	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Chloroethane	1900	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Chloroform	300	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Chloromethane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
cis-1,3 Dichloropropene		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Dibromochloromethane		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Ethylbenzene	5500	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Methylene chloride	100	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Styrene		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Tetrachloroethene	1400	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Toluene	1500	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
trans-1,3 Dichloropropene		11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Trichloroethene	700	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Vinyl chloride	200	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Xylenes	1200	11 U	11 U	10 U	10 U	11 U	10 U	10 U	11 U	11 U	11 U
Total	10000	U	U	U	U	U	U	U	U	U	U

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
B – Analyte found in associated blank as well as sample and may indicate blank contamination.
D – Analyte detected in an analysis at a secondary dilution factor.
J – Estimated value.
U – Parameter was analyzed but was not detected.

TABLE 4.2.3 (continued). VOLATILE ORGANIC COMPOUND (VOC) SOIL SAMPLING RESULTS

Parameter	NYSDEC Recommended Soil Cleanup Objective[1]	E-5	E-6	E-7	E-8	E-9	E-10	E-11	E-13	F-1	F-2
		2-4 ft	2-4 ft	0-2 ft	8-10 ft	6-8 ft	0-2 ft	2-4 ft	2-4 ft	18-20 ft	2-4 ft
	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
1,1,1 Trichloroethane	800	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,1,2,2-Tetrachloroethane	600	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,1,2 Trichloroethane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethane	200	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethene	400	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichloroethane	100	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichloroethene	300	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
1,2 Dichloropropane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
2-Butanone	300	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
2-Hexanone		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
4-Methyl-2-Pentanone	1000	11 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ	11 U
Acetone	200	32	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Benzene	60	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Bromodichloromethane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Bromoform		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Bromomethane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Carbon Disulfide	2700	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Carbon Tetrachloride	600	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Chlorobenzene	1700	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Chloroethane	1900	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Chloroform	300	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Chloromethane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
cis-1,3 Dichloropropene		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Dibromochloromethane		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Ethylbenzene	5500	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Methylene chloride	100	11 U	17 U	10 U	10 U	10 U	10 U	10 U	48 R	10 U	11 U
Styrene		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Tetrachloroethene	1400	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Toluene	1500	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
trans-1,3 Dichloropropene		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Trichloroethene	700	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J
Vinyl chloride	200	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Xylenes	1200	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11 U
Total	10000	32 U	U	U	U	U	U	U	U	U	4

(1): New York State Department of Environmental Conservation (NYSDEC) Technical & Administrative Guidance Memorandum (TAGM) #4046.
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J – Estimated value.
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