GZA GeoEnvironmental of New York

Engineers and

June 18, 2007 File No. 21.0056196.20

Mr. Eugene Melnyk NYSDEC Region 9 Division of Environmental Remediation 270 Michigan Avenue Buffalo, New York 14203

GZ

Re: IRM Work Plan Addendum #2

Special Metals Corporation 100 Willowbrook Avenue Dunkirk, New York

Site # 907031

Order on Consent and Administrative Settlement (Index# B9-0737-07-02)

364 Nagel Drive Buffalo New York 14225

Dear Mr. Melnyk:

716-685-2300 Fax: 716-685-3629 www.gza.com

GZA GeoEnvironmental of New York (GZA), on behalf of Special Metals Corporation (SMC), prepared this second addendum letter to the Interim Remedial Measures (IRM) Work Plan¹ for the above referenced Site. The IRM is being done under an Order on Consent (# B9-0737-0702; Site # 907031) between NYSDEC and SMC to address soil impacted with polychlorinated biphenyls (PCBs) and was approved in a NYSDEC letter dated April 5, 2006. An IRM addendum letter was submitted on April 6, 2007 and approved by NYSDEC on April 16, 2007.

Upon completion of the five excavation areas (Excavation 1 through Excavation 5), as defined in the April 6, 2007 IRM Addendum letter and shown on Figure 1, SMC completed the Remedial Investigation portion of required work, which included:

- Installation, soil and groundwater sampling of eight monitoring wells;
- Collection of two sediment samples from the drainage swale along Willowbrook Avenue;
- Collection of soil samples from seven spilt spoon probes in the area of the southern trench. Based on field conditions, an additional spilt spoon probe was done (seven instead of six as defined in the Remedial Investigation and Feasibility Work Plan).

The location of the monitoring wells, sediment samples and split spoon probes are shown on the attached Figure 1. Table 1 is a summary of the groundwater analytical results, Table 2 is a summary of the monitoring well soil sample analytical results and Table 3 is a summary split spoon soil sample and sediment sample analytical results.

¹ "Interim Remedial Measures Work Plan, PCB Contaminated Soil Excavation and Removal, Special Metals Corporation, 100 Willowbrook Avenue, Dunkirk, New York, Site # 903071", prepared for Special Metal Corporation, by GZA GeoEnvironmental of New York, dated February 22, 2007.

Special Metals Corporation IRM Addendum Letter #2 21.0056196.20

Based on the findings of the RI work, additional PCB impacted soil was identified with concentrations above TAGM 4046² recommended soil cleanup objectives that SMC would like to remove as part of the IRM. Figure 1 identifies the approximate limits of the area to be address, identified as Excavation #6.



The procedures and protocols discussed in the February 2007 IRM Work Plan associated with the excavation and disposal of soil, field screening, confirmatory sampling, backfilling of excavations, health and safety, monitoring and reporting will be followed for the additional excavation area (Excavation #6).

The soil to be excavated will be disposed of as hazardous waste at the landfill facility operated by CWM Chemical Services in Model City, NY (CMW).

Due to a public open house scheduled for mid-July, SMC would like to begin the additional IRM activities in late July. SMC is currently in the process of preparing the Site (i.e., landscaping and resurfacing) for the open house. Please confirm our understanding from our June 6th telephone conversation that SMC has the Department's approval to perform this additional IRM work under the terms of the referenced Order on Consent.

Please contact the undersigned if you have any questions or require any additional information.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Christopher Boron
Project Manager

Project Manager

Ernest R. Hanna, P.E.

Principal

Attachments: Table 1 through 3

Figure 1

cc: Mr. Martin Doster (NYSDEC)

Mr. Joseph J. Hausbeck, Esq. (NYSDEC)

Mr. Gary Litwin (NYSDOH)

Mr. Dave Murray (PCC) – electronic version Mr. Robert DiFondi (SMC) – electronic version

Mr. Barry Kogut (BS&K) - electronic version

NYSDEC, Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994 and revised December 20, 2000

TABLE 1

Summary of Monitoring Well Groundwater Sample Analytical Results Remedial Investigation/Feasibility Study **Special Metals Corporation** Dunkirk, New York

Site No. 907031

Sample Location	Class GA Criteria	MW-1 5/17/07	MW 5/17/		MW-3 5/17/07		MW-4 5/17/07		MW-5 5/17/07		MW-6 5/17/07		MW-′ 5/17/0	3	MW-8 5/17/07		
	Criteria		o l	Q		Q		Q		Q		Q	·	Q			
olatile Organics (ug/L)													4.0	l -			
cetone	50*		2.9	J	4.1	J	3.5	J	13				4.9	J	<u> </u>	+	
Cyclohexane	NV						3.6		46		3.6		11			+	
Carbon disulfide	NV		.,						1.2				<u> </u>	<u> </u>	**	+	
rans-1,2-Dichloroethene	5	2.4			0.59	J					0.51	T.		ļ			
is-1,2-Dichloroethene	5	220 D			49		1.3		8.7		0.74	J		ļ			
Benzene	1								5.1				0.64		ļ .	+	
richloroethene	5	92			0.87	J								 	 	+	
oluene	5						1.3		8.2				0.85	1,	 	+	
Ethylbenzene	5								3.7				0.69]			
otal Xylenes	5						1	J	23				4.8				
sopropylbenzene	5								1.2				1.5				
Methylcyclohexane	NV		2.5		7.4		3.7		43		7		15				
Semi-Volatile Organics (ug/L)		9.0							, 			r	Υ	1			
Biphenyl	5								0.2 J								
Caprolactam	NV						***************************************	,	8				5	ļ			
Naphthalene	10		4	J					0.3 J					 			
-Methylnaphthalene	NV		0.2	J					0.7 J		a		0.4	<u> </u>			
Acenaphthene	20		0.4	J	0.4	J								· ·	 	+	
Phenanthrene	50		0.4	J	<u> </u>				0.7 J			<u> </u>	0.2	<u> </u>			
Carbazole	NV		0.6	J		·											
Pyrene	50				1	J		www									
Benzo(a)anthracene	0.002		0.2	BJ		BJ										-	
Di-n-octylphthalate	50	0.3 BJ	0.4		0.4	BJ											
PCB (ug/L)	240	·				T					1	T	T	Т	_		
	0.09**					9 (ALL THE SAME		AND CONTRACTOR						-	
Total PCBs norganics (ug/L)	0.09**	1					<u> </u>				1			·			
	1,000	31	150	Т	51		28.9		105		92.3		1,570		152		
Barium Calaine	1,000 NV	125,000	140,000	-	155,000	 	149,000	***************************************	134,000		127,000	 	268,000		232,000		
Calcium	NV	9	140,000		133,000	†	112,000		1 2 2,72 2								
Cobalt	300	1 2			180	 			70.5			<u> </u>	8,140		228		
ron As consisten	35,000 *	46,100	14,000		51,200		44,300		36,300		37,200		77,600		74,800		
Magnesium	35,000 **	160	110		150	 	103		570		130	-	789		446		
Manganese	NV	4,600	8,000		7,200	 		E		Е	3,170	Е	7,150		7,460	Е	
Potassium	20,000	122,000	1,240,000		157.000		168,000	<u> </u>	23,400		50,300	1	284,000	<u> </u>	162,000		

Notes:

- 1. Only compounds detected in one or more of the groundwater samples are presented in this table.
- 2. Blank indicates compound was not detected.
- 3. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
- 4. NV = no value
- 5. Concentrations that are bold exceed Class GA criteria.
- 6. Results presented for MW-3 are the higher of this sample and its respective duplicate.
- 7. ug/L = parts per billion.
- 8. D = diluted sample result; J = estimated concentration; B = compound was detected in method blank; E = estimated concentration above quality control limits.

TABLE 2

Summary of Monitoring Well Soil Sample Analytical Results Remedial Investigation/Feasibility Study **Special Metals Corporation** Dunkirk, New York

Site # 907031

											Site #	7070	-							_						_				_
Sample Location Sample Date	TAGM #4046	Published	MW- 5/10/20	007	MW- 5/10/20	07	MW- 5/10/20	007	MW- 5/10/2	007	MW- 5/10/2	007	MW- 5/10/20	007	MW- 5/10/2	007	MW- 5/11/2	007	MW- 5/14/20	07	MW-5 5/14/20 4 - 6	07	MW-6 5/14/20 0 - 2	07	MW- 5/14/20 0 - 2	007	MW-8 5/16/200 0 - 2		MW-8 5/16/200 2 - 4	07
Sample Depth (ft bgs)	RSCO ⁹	Background ¹⁰	0 - 2	Q	2 - 4	Q	0 - 2	Q	2 - 4	Q	11-	Q	0 - 2	Q	2 - 4	Q	2 - 4	Q	0 - 2	Q	4-0	Q		Q	0-2	Q		Q		Q
Volatile Organics (ug/kg)		93000		т —				T	100	7/	T		6.2		19213	L	ı		944	Т	202	П		I. T		Т	100			
Acetone	200	NV		-	1 200		22	J	23	J			10	J	21	1		\vdash	65		43	\vdash	8	J		1.				\vdash
Carbon disulfide	2,700	NV	2	J	2	J	2	J	2	J	1	J	2	J	2	1	2	J	4	J	3	J	3	J -	2	1	_	-		\vdash
Methylene Chloride	100	NV	8	\vdash	9		12	-	10	+	8	-	12		- 11	+	6	В	16	В .	15	В	14	В	10	В		\vdash		\vdash
2-Butanone	300	NV																	10	J										
Semi-Volatile Organics (ug/kg)	2,000.0					1			T		T		Ι		1	т —	630	To 1								Т				$\overline{}$
Naphthalene	13,000	NV		-		\vdash	3,000	-		+				_		+-	17	BJ	12	J	23	J		\vdash		+		-		\vdash
2-Methylnaphthalene	36,400	NV		\vdash		\vdash	920	J	68993	-	9	J		-	-	+	-	\vdash	35	BJ	54	BJ		\vdash		+				\vdash
Acenaphthene	50,000	NV		\vdash	1	\vdash	6,800	\vdash	210	J	ļ.,	\vdash		-		-		\vdash		Н		\vdash				+				\vdash
Dibenzofuran	6,200	NV		\vdash		\vdash	4,900	\vdash	84	J		-					-	\vdash		\vdash		Н				+		_		\vdash
Fluorene	50,000	NV		\vdash	5	\vdash	7,800	-	200	J	8	J				-			8	J		\vdash				+ +				-
Phenanthrene	50,000	NV		-		\vdash	50,000	D	2,100	\vdash	41	J		-	-	-	10	BJ	33	J	8	J	-		10	1		_	20	J
Anthracene	50,000	NV		-		\vdash	14,000	-	510	J	10	J		-		-		\vdash		\vdash		Н				+		-		\vdash
Carbazole	NV	NV				\vdash	6,400	-	240	J		-	1,160		-	+-				1		\vdash		-		+			0.121.00	-
Fluoranthene	50,000	NV	46	J		\vdash	43,000	D	3,100	+	35	J	45	J		+	15	BJ	8	J		Н		\vdash	19	J			32	J
Pyrene	50,000	NV	40	J		\sqcup	33,000	D	2,400	_	31	J	40	J		+	12	BJ	9	J		Н			17	J			28	J
Benzo(a)anthracene	224 or MDL	NV	54	J	9	J	15,000		1,300		22	J	56	J		-			13	J		\vdash			22	J	150	J	18	J
Chrysene	400	NV	43	J			14,000		1,200		53	J					9	J	21	J		Н		\vdash	13	J			15	J
bis(2-Ethylhexyl)phthalate	50,000	NV			200	В	330	BJ	470	BJ	120	BJ			120	BJ	530		75	J	160	J	67	J	70	J	750	J	91	J
Benzo(b)fluoranthene	1,100	NV	48	J		\sqcup	15,000		1,400		20	J	40	J		-	10	J		\vdash					23	J			19	J
Benzo(k)fluoranthene	1,100	NV					3,700		510	J						-				\sqcup		Ш				\perp				-
Benzo(a)pyrene	61 or MDL	NV					12,000		1,100		12	J						\sqcup		Ш		Ш			-11	J			15	J
Indeno(1,2,3-cd)pyrene	3,200	NV					5,400		490	J																\sqcup			11	J
Dibenzo(a,h)anthracene	14 or MDL	NV					1,600		150	J												Ш								_
Benzo(g,h,i)perylene	50,000	NV	48	J			6,000		560	J	8	J													10	J			14	J
Biphenyl	NV	NV					320	J		\perp	1	\sqcup		_		_		\sqcup		\sqcup		Ш				\vdash				_
Di-n-octylphthalate		NV																	180	В	190	В	200	В	200	В				
PCB (ug/kg)			. 19					,	H LE		100											_								
Aroclor-1242	NV	NV														-	110	J		\sqcup		\square								_
Aroclor-1248	NV	NV	65	J		\vdash		-		+			140	J	89	J		\vdash	130	J					660	+	250	J		⊢
Total PCBs	10,000	NV	65		0		0		0		0		140		89				130		0		0		660		250		0	
Inorganics (mg/kg)				_				-		-	Т		_	_		_	_									10.01				_
Aluminum	SB	33,000	14,700	E	10,200	Е	10,000	E	9,390	E	8,630	E	18,900	E	13,200	E	13,100		14,700	\vdash	11,600	\vdash	14,600		14,200		14,100	-	12,900	
Arsenic	7.5 or SB	3-12	20.6	N	7.8	N	15.9	N	13.3	N	9.5	N	10.4	N	10.8	N	8.8		8.5		12.8	Ш	19.5		12.8	\vdash	8.6		6.8	-
Barium	300 or SB	15-600	221	E	92.1	E	69.8	E	71.2	E	180	E	71	E	175	E	162		60.7		178	\vdash	96.9		56.7	\perp	93.6		79.8	\vdash
Beryllium	0.16 or SB	0-1.75	1.1		0.48		0.49	<u> </u>	0.65	-	0.42	_	0.61		0.51	₩	0.53		0.33		0.49	Н	1.1		0.46	\vdash	0.71		0.48	-
Cadmium	1 or SB	0.1-1	0.26			\sqcup		_		_								\vdash	0.29	\vdash	0.47	-	1		0.64	\vdash				\vdash
Calcium	SB	130-35,000	2,220	EN	50,400	EN	6,290	EN	14,200	EN	28,200	EN	780	EN	1,440	EN	3,210		1,210		2,550	Ш	1,670		1,710	\vdash	8,510		2,160	\vdash
Chromium	10 or SB	1.5-40	17.2	E	13.5	E	1,200	Е	1,150	Е	20.9		22	Е	20	E	17.5		13.2		30.4		103		26.6	\vdash	58.8		25.2	\vdash
Cobalt	30 or SB	2.5-60	20.2	EN	8	EN	46.9	EN	51.3	EN	10.5	EN	6.8	EN	10	EN	10.4		4.8	\square	13.4		28		6.7	\perp	18.8		7.8	_
Copper	25 or SB	1-50	34.8	Е	26.1	E	108	E	136	E	33.2	E	9.8	Е	36	E	25.7		14.9	Ш	43.2	Ш	56.9		29.2		21.2		17.5	L
Iron	2,000 or SB	2,000-550,000	37,100	Е	21,000	Е	42,600	E	37,800	E	21,500	Е	27,900	Е	33,500	E	26,300		23,400	Ш	28,900	Ш	37,600		28,900		23,500		19,000	\vdash
Lead	SB	20-500 10	16		9.9		30.5		36	1	13.7		19.2		14.1	_	12.2	\sqcup	15.9	Ш	18.1	Ш	28.8		18.6	\sqcup	31		16.3	L
Magnesium	SB	100-5,000	4,280	EN	6,270	EN	3,820	EN	4,810	EN	7,980	EN	2,470	EN	4,760	EN	4,650	\sqcup	2,310	Ш	4,200		4,450		3,160	\sqcup	4,140		2,440	1
Magnesium			100000000000000000000000000000000000000	E*	271	E*	502	E*	668	E*	309	E*	109	E*	202	E*	304	\Box	162	Ш	399		482		128		400		247	_
72.2	SB	50-5,000	471	E.								1		1			0.031	N	0.045	ler I		1 1		1 1		1	J. Direction of the Control of the C		0.035	
Manganese Mercury		50-5,000 0.001-0.2	471	E.					0.023				0.038	_		-	0,031	17.4	0.045	N		\perp			0.036	N	0.032		0.000	-
Manganese Mercury	SB		39.2	EN	22,5	EN	836	EN	0.023 1,040	EN	36	EN	0.038 18.6	EN	32.7	EN	30.8		14	N	52.7		53.5		28.9	N	90		23	
Manganese Mercury	SB 0.1	0.001-0.2				EN N	836 986	EN N	COLUMN TO SERVICE STATE OF THE PARTY OF THE	EN N	36 1,720	EN N		EN N	32.7 1,750	EN N				N	52.7 1,070		53.5 1,040			N				
Manganese Mercury Nickel Potassium	SB 0.1 13 or SB	0.001-0.2 0.5-25	39,2		22,5	EN N		EN N	1,040	EN N		EN N	18.6	EN N		EN N	30.8		14	N					28.9	N	90		23	
Manganese Mercury Nickel Potassium Selenium	SB 0.1 13 or SB SB	0.001-0.2 0.5-25 8,500-43,000	39,2		22,5	EN N		EN N	1,040 959	EN N		EN N	18.6	EN N		EN N	30.8		14	Z					28.9	N	90		23	
Manganese Mercury Nickel	SB 0.1 13 or SB SB 2 or SB	0.001-0.2 0.5-25 8,500-43,000 0.1-3.9	39,2 1,070		22.5 1,190	EN N	986	EN N	1,040 959 8.2	EN N	1,720	EN N	18.6 1,080	EN N E	1,750	EN N	30.8 900		14	N					28.9 993	N	90		23	

- Notes:

 1. Only compounds detected in one or more soil samples are presented in this table.

 2. Blank indicates compound was not detected.

 3. TAGM # 4046 RSCO are Recommended Soil Cleanup Criteria from NYSDEC Technical and Administrative Guidance Memorandum No. HWR-94-4046.

 4. NV = no value; SB = site background; MDL = method detection limit

 5. Concentrations that are bold exceed RSCO.

 6. Published background as noted in NYSDEC Technical and Administrative Guidance Memorandum No HWR-94-4046.

 7. D = diluted sample result; J = estimated concentration; B = compound was detected in method blank; E = estimated concentration above quality control limits; N = compound is a tentative identification.

TABLE 3

Summary of Parkinging Lot Soil Boring Soil Sample Analytical Results Remedial Investigation/Feasibility Study

edial Investigation/Feasibility Stud Special Metals Corporation

Dunkirk, New York Site # 907031

Sample Location Sample Date Sample Depth (ft bgs)	TAGM #4046 RSCO ⁹	Published Background ¹⁰	SPR-2 5/15/200 0.5 - 2)7	SPR 5/15/2 2	007	SPR- 5/15/20 0.5 -	007	SPR-4 5/15/20 2 - 4	07	SPR- 5/15/20 0.5 -	007	SPR-5 5/15/200' 4 - 6	7 Q	SPR-6 5/15/200 0.5 - 2	07	SPR 5/15/2 2 -	2007	SPR-7 5/15/2007 PURPLE LAYE		7 5/17	S-7 7/2007 0.3
Volatile Organics (ug/kg)			175				12.3										135			(B)		
Acetone	200	NV	45		27	J	31			_	52	_	32		63		36	-	NT	NT	NT	+
Carbon disulfide	2,700	NV	2	J	2	J	2	J	2	J	2	J	2 J		3	J	2	J	NT	NT	NT	+
Methylene Chloride	100	NV	12	В	12	В	10	В	11	В	12	В	14 B	3	13	В	- 11	В	NT	NT	NT	+
Toluene	1,500								2	J		_						_	NT	NT	NT	+
2-Butanone	300	NV													7	J			NT	NT	NT	
Semi-Volatile Organics (ug/kg)			Harris I		9.85		35.5				100			B-16/2					A Albania	110,504		
2-Methylnaphthalene	36,400	NV									12	J						_	NT	NT	NT	\perp
Phenanthrene	50,000	NV	77	J							24	J							NT	NT	NT	
Fluoranthene	50,000	NV	140	J					87	J	32	J							NT	NT	NT	
Pyrene	50,000	NV	120	J					73	J	30	J							NT	NT	NT	
Benzo(a)anthracene	224 or MDL	NV	65	J			10	J	43	J	19	J							NT	NT	NT	
Chrysene	400	NV	63	J					47	J	32	J							NT	NT	NT	
bis(2-Ethylhexyl)phthalate	50,000	NV	370	J	8						440		2,000				100	J	NT	NT	NT	
Benzo(b)fluoranthene	1,100	NV	100	J							29	J							NT	NT	NT	
Benzo(k)fluoranthene	1,100	NV									10	J							NT	NT	NT	
Benzo(a)pyrene	61 or MDL	NV	53	J							20	J							NT	NT	NT	\perp
Indeno(1,2,3-cd)pyrene	3,200	NV	38	J			X				14	J							NT	NT	NT	
Benzo(g,h,i)perylene	50,000	NV	53	J							21	J							NT	NT	NT	
Di-n-octylphthalate	50000	NV			200	В	200	BJ			190	В					190	В	NT	NT	NT	
PCB (ug/kg)					660				3.1-1													
Aroclor-1242	NV	NV	1,200,000		57	J					6,200		940	17	70,000							
Aroclor-1248	NV	NV					3,000		210	J	7,100								2,600,000			
Total PCBs	10,000	NV	1,200,000		57		3,000		210		13,300		940	17	70,000		0		2,600,000	0	0	
Inorganics (mg/kg)							20												#E			
Aluminum	SB	33,000	NT		NT		17,000		12,800		11,800		10,800		NT		9,930		NT	NT	NT	
Arsenic	7.5 or SB	3-12	NT		NT		14.9		11.8		10		7.1		NT		9.9		NT	NT	NT	
Barium	300 or SB	15-600	NT		NT		67.1		159		112		134		NT		121		NT	NT	NT	
Beryllium	0.16 or SB	0-1.75	NT		NT		0.8		0.76		0.64		0.5		NT	-	0.48		NT	NT	NT	
Cadmium	1 or SB	0.1-1	NT		NT						0.27				NT				NT	NT	NT	
Calcium	SB	130-35,000	NT		NT		1,460		3,850		1,520		6,170		NT		16,700		NT	NT	NT	
Chromium	10 or SB	1.5-40	NT		NT		21.2		15.9		60.5		22.1		NT		14.4		NT	NT	NT	
Cobalt	30 or SB	2.5-60	NT		NT		16		20.2		14.2		10.1		NT		12.4		NT	NT	NT	
			NT		NT		34.9		35.3		30.1		24		NT		35.3		NT	NT	NT	
Copper	25 or SB	1-50	111						00.000		23,400		22,300		NT		25,100		NT	NT	NT	
Copper Iron	25 or SB 2,000 or SB	1-50 2,000-550,000	NT		NT		38,700		29,500		23,400		22,000									$\overline{}$
	2,000 or SB				NT NT		38,700 25.2		29,500		17.7		12		NT		13.8		NT	NT	NT	
Iron Lead	2,000 or SB SB	2,000-550,000 20-500 ¹⁰	NT		NT		25.2						1		NT NT						NT NT	
Iron Lead Magnesium	2,000 or SB SB SB	2,000-550,000 20-500 ¹⁰ 100-5,000	NT NT						20		17.7		12				13.8		NT	NT		
Iron Lead Magnesium Manganese	2,000 or SB SB SB SB	2,000-550,000 20-500 ¹⁰ 100-5,000 50-5,000	NT NT NT		NT NT NT		25.2 3,390	N	20 4,500		17.7 3,110	N	12 3,950		NT		13.8 6,360		NT NT	NT NT	NT	
Iron Lead Magnesium Manganese Mercury	2,000 or SB	2,000-550,000 20-500 ¹⁰ 100-5,000 50-5,000 0.001-0.2	NT NT NT NT		NT NT NT NT		25.2 3,390 194 0.059	N	20 4,500		17.7 3,110 224	N	12 3,950 311		NT NT		13.8 6,360		NT NT NT	NT NT NT	NT NT	
Iron Lead Magnesium Manganese Mercury Nickel	2,000 or SB	2,000-550,000 20-500 ¹⁰ 100-5,000 50-5,000 0.001-0.2 0.5-25	NT NT NT NT NT NT NT NT		NT NT NT NT		25.2 3,390 194 0.059 32.8	N	20 4,500 277		17.7 3,110 224 0.035	N	12 3,950 311 39.3		NT NT NT		13.8 6,360 396		NT NT NT NT	NT NT NT NT	NT NT NT	
Iron Lead Magnesium Manganese Mercury Nickel Potassium	2,000 or SB	2,000-550,000 20-500 ¹⁰ 100-5,000 50-5,000 0.001-0.2 0.5-25 8,500-43,000	NT NT NT NT NT NT NT NT NT		NT NT NT NT NT NT NT		25.2 3,390 194 0.059 32.8 1410	N	20 4,500 277 41.2		17.7 3,110 224 0.035 100	N	12 3,950 311 39.3 1,340		NT NT NT NT		13.8 6,360 396		NT NT NT NT NT	NT NT NT NT NT	NT NT NT	
Iron Lead Magnesium Manganese Mercury Nickel	2,000 or SB	2,000-550,000 20-500 ¹⁰ 100-5,000 50-5,000 0.001-0.2 0.5-25	NT NT NT NT NT NT NT NT		NT NT NT NT		25.2 3,390 194 0.059 32.8	N	20 4,500 277 41.2 1,400		17.7 3,110 224 0.035 100 1,390	N	12 3,950 311 39.3		NT NT NT NT NT NT		13.8 6,360 396		NT NT NT NT NT NT NT	NT NT NT NT NT NT NT NT	NT NT NT NT	

Notes:

- 1. Only compounds detected in one or more soil samples are presented in this table.
- 2. Blank indicates compound was not detected.
- 3. TAGM # 4046 RSCO are Recommended Soil Cleanup Criteria from NYSDEC Technical and Administrative Guidance Memorandum No. HWR-94-4046.
- 3. NT indicates compound was not tested.
- 4. NV = no value; SB = site background; MDL = method detection limit
- 5. Concentrations that are shaded exceed RSCO.
- 6. Published background as noted in NYSDEC Technical and Administrative Guidance Memorandum No HWR-94-4046.
- 7. J = estimated concentration; B = compound was detected in method blank; N = compound is a tentative identification.

