Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
VOCs											
1,1,1-Trichloroethane	200,000	nc	NL	c,e	1,200,000	d	3,876	A,E	**3,876**	ND	ND
1,1,2,2-Tetrachloroethane	410	ca	16,000	c,e	1,000	e	2,907	A,E	**410**	ND	ND
1,1,2-Trichloroethane	730	ca	56,000	c,e	2,000	e	NL	A	**730**	ND	ND
1,1,2-Tricholoro-1,2,2-trifluoroethane	NL		NL		NL		13,778	A,E,V	**13,778**	ND	ND
1,1-Dichloroethane	51,000	nc	110,000,000	b,c	1,700,000	d	969	A,E	**969**	ND	ND
1,1-Dichloroethene	12,000	nc	5,000	c,e	100	e	1,938	A,E	**100**	ND	ND
1,2,3-Trichlorobenzene	NL		NL		NL		NL	A	**NA**	ND	ND
1,2,4-Trichlorobenzene	6,200	nc	6,800,000	b	3,200,000	d	13,778	A,E,V	**6,200**	ND	ND
1,2-Dibromo-3-chloropropane	210	nc	NL		NL		NL	A	**210**	ND	ND
1,2-Dibromoethane	32	ca	NL		NL		NL	A	**32**	ND	ND
1,2-Dichlorobenzene	110,000	nc	62,000,000	b	600,000	d	13,778	A,E,V	**13,778**	ND	ND
1,2-Dichloroethane	280	ca	35,000	c,e	600	e	484	A,E	**280**	ND	ND
1,2-Dichloropropane	340	ca	47,000	c,e	21,000	b	NL	A,E	**340**	ND	ND
1,3-Dichlorobenzene	53,000	nc	NL		NL		7,751	A,E	**7,751**	ND	ND
1,4-Dichlorobenzene	3,400	ca	80,000	e	NL	g	13,778	A,E,V	**3,400**	ND	ND
2-Butanone	2,200,000	nc	NL		NL		1,453	A,E	**1,453**	ND	ND
2-Hexanone	NL		NL		NL		NL	A	**NA**	ND	ND
4-Methyl-2-pentanone	NL		NL		NL		4,844	A,E	**4,844**	ND	ND
Acetone	1,400,000	nc	110,000,000	b,c	NL	c	969	A,E	**969**	5 J	ND
Benzene	640	ca	58,000	c,e	1,000	e	291	A,E	**291**	ND	ND
Bromochloromethane	NL		NL		NL		NL	A	**NA**	ND	ND
Bromodichloromethane	820	ca	51,000	c,e	NL	c	NL	A	**820**	ND	ND
Bromoform	62,000	ca	400,000	c,e	88,000	e	NL	A	**62,000**	ND	ND
Bromomethane	390	nc	1,600,000	b,c	13,000	b	NL	A	**390**	ND	ND
Carbon Disulfide	36,000	nc	110,000,000	b,c	720,000	d	13,080	A,E,V	**13,080**	ND	ND
Carbon Tetrachloride	220	nc	24,000	c,e	600	e	2,907	A,E	**220**	ND	ND
Chlorobenzene	15,000	nc	23,000,000	b,c	180,000	b	8,236	A,E	**8,236**	ND	ND
Chloroethane	3,000	ca	NL		NL		9,205	A,E	**3,000**	ND	ND
Chloroform	220	ca	520,000	c,e	500	e	1,453	A,E	**220**	ND	ND

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
Chloromethane	4,700	nc	NL		NL		NL	A	**4,700**	ND	ND
cis-1,2-Dichloroethene	4,300	nc	11,000,000	b,c	NL	c	NL	A	**4,300**	7	3 J
cis-1,3-Dichloropropene	780	ca	NL		NL		NL	A	**780**	ND	ND
Cyclohexane	140,000	sat	NL		NL		NL	A	**140,000**	ND	ND
Dibromochloromethane	1,100	ca	38,000	c,e	NL	c	NL	A	**1,100**	ND	ND
Dichlorodifluoromethane	9,400	nc	NL		NL		NL	A	**9,400**	ND	ND
Ethylbenzene	190,000	nc	110,000,000	b,c	400,000	d	13,778	A,E,V	**13,778**	ND	ND
Isopropylbenzene	57,000	nc	NL		NL		NL	A	**57,000**	ND	ND
Methyl Acetate	2,200,000	nc	NL		NL		NL	A	**2,200,000**	ND	ND
Methyl Tert-Butyl Ether	17,000	ca	NL		NL		NL	A	**17,000**	ND	ND
Methylcyclohexane	260,000	nc	NL		NL		NL	A	**260,000**	ND	ND
Methylene Chloride	9,100	ca	420,000	c,e	22,000	e	484	A,E	**484**	7	ND
Styrene	440,000	nc	230,000,000	b,c	1,500,000	d	NL	A	**440,000**	ND	ND
Tetrachloroethene	480	ca	61,000	c,e	18,000	e	6,782	A,E	**480**	7 J	2 J
Toluene	66,000	nc	230,000,000	b,c	650,000	d	7,267	A,E	**7,267**	ND	ND
trans-1,2-Dichloroethene	6,900	nc	23,000,000	b,c	NL	c	1,453	A,E	**1,453**	ND	ND
trans-1,3-Dichloropropene	780	ca	NL		NL		NL	A	**780**	ND	ND
Trichloroethene	53	ca	290,000	c,e	8,000	e	3,391	A,E	**53**	8 J	2 J
Trichlorofluoromethane	39,000	nc	NL		NL		NL	A	**39,000**	ND	ND
Vinyl Chloride	79	ca	4,000	c,e	1,000	e	969	A,E	**79**	ND	ND
Xylenes (Total)	27,000	nc	1,000,000,000	b,c	NL	c	5,813	A,E	**5,813**	ND	ND
SVOCs											
1,1-Biphenyl	300,000	nc	NL		NL		NL	D	**300,000**	ND	110 J
1,2,4,5-Tetrachlorobenzene	1,800	nc	NL		NL		NL	D	**1,800**	ND	ND
2,2'-oxybis(1-Chloropropane)	NL		NL		NL		NL	D	**NA**	ND	ND
2,4,5-Trichlorophenol	610,000	nc	68,000,000	b	NL	c	484	D,E	**484**	ND	ND
2,4,6-Trichlorophenol	610	nc	170,000	e	340,000	e	NL	D	**610**	ND	ND
2,4-Dichlorophenol	18,000	nc	2,100,000	b	NL	c	1,938	D,E	**1,938**	ND	ND
2,4-Dimethylphenol	120,000	nc	14,000,000	b	NL	c	NL	D	**120,000**	ND	ND
2,4-Dinitrophenol	12,000	nc	1,400,000	b	NL	c	969	D,E	**969**	ND	ND

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
2,4-Dinitrotoluene	12,000	nc	3,000	e	NL	c	NL	D	**3,000**	ND	ND
2,6-Dinitrotoluene	6,100	nc	3,000	e	NL	c	4,844	D,E	**3,000**	ND	ND
2-Chloronaphthalene	490,000	nc	NL		NL		NL	D	**490,000**	ND	ND
2-Chlorophenol	6,300	nc	3,400,000	b	NL	c	3,876	D,E	**3,876**	ND	ND
2-Methylnaphthalene	NL		NL		NL		68,892	D,E,S	**68,892**	ND	450
2-Methylphenol	310,000	nc	34,000,000	b	NL	c	484	D,E	**484**	ND	ND
2-Nitroaniline	18,000	nc	NL		NL		2,083	D,E	**2,083**	ND	ND
2-Nitrophenol	NL		NL		NL		1,599	D,E	**1,599**	ND	ND
3,3'-Dichlorobenzidine	1,100	ca	4,000	e	NL	c	NL	D	**1,100**	ND	ND
3-Nitroaniline	1,800	nc	NL		NL		2,422	D,E	**1,800**	ND	ND
4,6-Dinitro-2-methylphenol	NL		NL		NL		NL	D	**NA**	ND	ND
4-Bromophenyl-phenylether	NL		NL		NL		NL	D	**NA**	ND	ND
4-Chloro-3-methylphenol	NL		NL		NL		1,163	D,E	**1,163**	ND	ND
4-Chloroaniline	24,000	nc	2,700,000	bb	NL	c	1,066	D,E	**1,066**	ND	ND
4-Chlorophenyl-phenylether	NL		NL		NL		NL	D	**NA**	ND	ND
4-Methylphenol	31,000	nc	NL		NL		4,360	D,E	**4,360**	ND	ND
4-Nitroaniline	18,000	nc	NL		NL		NL	D	**NA**	ND	ND
4-Nitrophenol	NL		NL		NL		484	D,E	**484**	ND	ND
Acenaphthene	370,000	nc	37,000,000	b	NL	c	68,892	D,E,S	**68,892**	190 J	1,100
Acenaphthylene	NL		NL		NL		68,892	D,E,S	**68,892**	771	744
Acetophenone	NL		NL		NL		NL	D	**NA**	ND	ND
Anthracene	2,200,000	nc	180,000,000	b	NL	c	68,892	D,E,S	**68,892**	527	790
Atrazine	2,200	ca	NL		NL		NL	D	**2,200**	ND	ND
Benzaldehyde	610,000	nc	NL		NL		NL	D	**610,000**	ND	ND
Benzo(a)anthracene	620	ca	2,000	e	NL	c	1,085	D,E	**620**	2,230	4,854
Benzo(a)pyrene	62	ca	200	e	NL	c	296	D,E	**62**	1,715	2,180
Benzo(b)fluoranthene	620	ca	2,000	e	NL	c	5,329	D,E	**620**	2,651	4,268
Benzo(g,h,i)perylene	NL		NL		NL		68,892	D,E,S	**68,892**	410 J	535
Benzo(k)fluoranthene	6,200	ca	23,000	e	NL	c	5,329	D,E	**5,329**	2,416	3,620
bis(2-Chloroethoxy)methane	NL		NL		NL		NL	D	**NA**	ND	ND

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
bis(2-Chloroethyl)ether	220	ca	2,000	e	400	e	NL	D	**220**	ND	ND
bis-(2-Ethylhexyl)phthalate	35,000	ca	140,000	e	NL	c	68,892	D,E,S	**35,000**	2,930	270 J
Butylbenzylphthalate	1,200,000	nc	140,000,000	b	NL	c	68,892	D,E,S	**68,892**	88 J	43 J
Caprolactam	3,100,000	nc	NL		NL		NL	D	**3,100,000**	ND	ND
Carbazole	24,000	ca	96,000	e	NL	c	NL	D	**24,000**	150 J	1,200
Chrysene	62,000	ca	230,000	e	NL	c	1,938	D,E	**1,938**	2,460	5,071
Dibenzo(a,h)anthracene	62	ca	200	e	NL	c	68	D,E	**62**	957	993
Dibenzofuran	15,000	nc	NL		NL		30,036	D,E	**15,000**	74 J	890
Diethylphthalate	4,900,000	nc	550,000,000	b	NL	c	34,396	D,E	**34,396**	ND	ND
Dimethylphthalate	61,000,000	nc	NL		NL		9,689	D,E	**9,689**	ND	ND
Di-n-butylphthalate	610,000	nc	68,000,000	b	NL	c	39,240	D,E	**39,240**	ND	ND
Di-n-octylphthalate	240,000	nc	14,000,000	b	NL	c	68,892	D,E,S	**68,892**	ND	ND
Fluoranthene	230,000	nc	24,000,000	b	NL	c	68,892	D,E,S	**68,892**	2,882	8,579
Fluorene	160,000	sat	24,000,000	b	NL	c	68,892	D,E,S	**68,892**	110 J	1,469
Hexachlorobenzene	300	ca	1,000	e	2,000	e	1,986	D,E	**1,986**	ND	ND
Hexachlorobutadiene	1,800	nc	25,000	e	13,000	e	NL	D	**1,800**	ND	ND
Hexachlorocyclopentadiene	37,000	nc	4,800,000	b	14,000	b	NL	D	**14,000**	ND	ND
Hexachloroethane	6,100	nc	140,000	e	92,000	e	NL	D	**6,100**	ND	ND
Indeno(1,2,3-cd)pyrene	620	ca	2,000	e	NL	c	15,502	D,E	**620**	1,321	2,258
Isophorone	510,000	ca	2,000,000	e	NL	c	21,316	D,E	**21,316**	ND	ND
Naphthalene	5,600	nc	12,000,000	b	240,000	b	62,978	D,E,S	**5,600**	ND	540
Nitrobenzene	2,000	nc	340,000	b	130,000	b	969	D,E	**969**	ND	ND
N-Nitroso-di-n-propylamine	69	ca	300	e	NL	c	NL	D	**69**	ND	ND
N-Nitrosodiphenylamine	99,000	ca	390,000	e	NL	c	NL	D	**99,000**	ND	ND
Pentachlorophenol	3,000	ca	10,000	e	NL	c	4,844	D,E	**3,000**	ND	ND
Phenanthrene	NL		NL		NL		68,892	D,E,S	**68,892**	1,000	5,860
Phenol	1,800,000	nc	410,000,000	b	NL	c	145	D,E	**145**	ND	ND
Pyrene	230,000	nc	18,000,000	b	NL	c	68,892	D,E,S	**68,892**	3,448	7,819
P/PCBs											
4,4'-DDD	2,400	ca	13,000	c,e	NL	c	2,813	E,F,P	**2,400**	52 J	ND

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
4,4'-DDE	1,700	ca	9,000	c,e	NL	c	2,037	E,F,P	**1,700**	590	85
4,4'-DDT	1,700	ca	8,000	e	NL	g	2,037	E,F,P	**1,700**	103	57
Aldrin	29	ca	200	c,e	6,000	e	39.7	E,F	**29**	ND	ND
alpha-BHC	90	ca	500	c,e	1,000	e	106.7	E,F	**90**	ND	2
alpha-Chlordane	NL		7,000	e,H	120,000	e,H	523.8	E,F	**523.8**	2.5 J	ND
Aroclor-1016	390	nc	NL		NL		970	G	**390**	ND	ND
Aroclor-1221	NL		NL		NL		970	G	**970**	ND	ND
Aroclor-1232	NL		NL		NL		970	G	**970**	ND	ND
Aroclor-1242	NL		NL		NL		970	G	**970**	ND	ND
Aroclor-1248	NL		NL		NL		970	G	**970**	ND	100
Aroclor-1254	110	nc	NL		NL		970	G	**110**	102	110
Aroclor-1260	NL		NL		NL		970	G	**970**	62	62
beta-BHC	320	ca	2,000	c,e	NL	g	194	E,F	**194**	2	3
delta-BHC	NL		NL		NL		291	E,F	**291**	ND	ND
Dieldrin	30	ca	200	c,e	2,000	e	42.7	E,F	**30**	12	6.5 JN
Endosulfan I	NL		6,800,000	b,c	NL	c	873	E,F	**873**	2	ND
Endosulfan II	NL		6,800,000	b,c	NL	c	873	E,F	**873**	ND	ND
Endosulfan Sulfate	NL		NL		NL		970	E,F	**970**	6	6
Endrin	1,800	nc	340,000	b,c	NL	c	97	E,F	**97**	ND	ND
Endrin aldehyde	NL		NL		NL		NL	F	**NA**	4	14
Endrin ketone	NL		NL		NL		NL	F	**NA**	39 J	70 J
gamma-BHC (Lindane)	440	ca	2,000	e	NL	c	58.2	E,F	**58.2**	ND	ND
gamma-Chlordane	NL		7,000	e,H	120,000	e,H	523.8	E,F	**523.8**	16	16
Heptachlor	110	ca	700	c,e	7,000	e	97	E,F	**110**	ND	1
Heptachlor epoxide	53	ca	300	c,e	8,000	e	97	E,F	**53**	7.6 J	ND
Methoxychlor	31,000	nc	5,700,000	b,c	NL	c	NL	F	**31,000**	ND	ND
Toxaphene	440	ca	3,000	c,e	150,000	e	NL	F	**440**	ND	ND
Inorganics											
Aluminum	7,600	nc	NL		NL		NL	B	**7,600**	9,058	9,436
Antimony	3.10	nc	450	b,c	NL	c	NL	B	**3.10**	1.4 J	0.96 J

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)		EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal		EPA Generic SSLs for Commercial/ Industrial - Inhalation		NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)		Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
										Surface Soil	Subsurface Soil
Arsenic	0.39	ca	2	e	1,400	e	7.5	**	**0.39**	7	6
Barium	540	nc	79,000	b,c	1,000,000	b	300	**	**300**	94	85
Beryllium	15	nc	2,300	c,e	2,600	e	0.16	**	**0.16**	0	0
Cadmium	3.70	nc	900	b,h	3,400	e	1	**	**1.00**	2	1
Calcium	NL		NL		NL		NL	B	**NA**	11,810	22,749
Chromium	210	ca	3,400	b,c	510	e	10	**	**10**	26	21
Chromium (hexavalent)	22	nc	3,400	b,c	510	e	NL		**22**	NA	NA
Cobalt	140	nc	NL		NL		30	**	**30**	10	11
Copper	310	nc	NL		NL		25	**	**25**	154	184
Cyanide	120	nc	23,000	b,c	NL	c	NL	C	**120**	ND	0.17 J
Iron	2,300	nc	NL		NL		2,000	**	**2,000**	25,962	24,031
Lead	400	nc	750	j	NL	j	NL	B	**400**	365	206
Magnesium	NL		NL		NL		NL	B	**NA**	4,936	6,918
Manganese	180	nc	NL		NL		NL	B	**180**	635	667
Mercury	2.3		340	b,c	14	b	0.1		**0.10**	1	0
Nickel	160	nc	23,000	b,c	26,000	e	13	**	**13**	22.9 J	21 J
Potassium	NL		NL		NL		NL	B	**NA**	764	810
Selenium	39	nc	5,700	b,c	NL	c	2	**	**2.76**	ND	ND
Silver	39	nc	5,700	b,c	NL	c	NL	B	**39**	1	0
Sodium	NL		NL		NL		NL	B	**NA**	135	154
Thallium	0.52	nc	91	b,c	NL	c	NL	B	**1**	ND	ND
Vanadium	7.80	nc	7,900	b,c	NL	c	150	**	**8**	23	19
Zinc	2,300	nc	340,000	b,c	NL	c	20	**	**20**	152	147

Notes:

Site-specific screening criteria was approved by EPA during the March 18, 2005 conference call. Please see Section 4.1.1 for a discussion of the screening criteria selection process.

All VOC, SVOC, and P/PCB values are in micrograms per kilogram (ug/kg); inorganic values are in milligrams per kilogram (mg/kg)

EPA = Environmental Protection Agency

NA =not available

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)	EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal	EPA Generic SSLs for Commercial/ Industrial - Inhalation	NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)	Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
						Surface Soil	Subsurface Soil

ND = non detect
NL = chemical name not listed or screening value of this type not listed for the chemical
NYSDEC = New York State Department of Environmental Conservation
P/PCB = pesticide and polychlorinated biphenyls
PRG = preliminary remedial goal
RSCO = recommended soil cleanup objectives
SSSSC = site-specific soil screening criteria
SSL = soil screening level
SVOC = semi-volatile organic compound
VOC = volatile organic compound
TOC = total organic carbon

(1) EPA Region 9 PRGs adjusted to a cancer risk of 1 X 10-6 and a non-cancer hazard index of 0.1.
(2) NY State Recommended Soil Cleanup Objectives (TAGM #4046, January 1994). Organic values are adjusted to site TOC content. Inorganic values are not subject to this adjustment. See note E.
(3) SSSSC values are the lowest of the listed EPA and NYSDEC screening values.
(4) Site-specific background concentrations for surface and subsurface soil are the lower of the calculated 95% UCL and the maximum detected sample result, as shown on Table 4-6 (surface soil) and Table 4-7 (subsurface soil). Background values are provided for comparison purposes only.

A Total VOCs <10,000 ug/kg
B Use site background
C Must be calculated on a site specific basis dependent upon the site specific form of cyanide
D Total SVOCs <500,000 ug/kg, individual SVOCs <50,000 ug/kg
E Values are calculated using the site average organic carbon content: 4.85 % OC 48.5 g OC/kg soil
F Total Pesticides <10,000 ug/kg
G NYSDEC RSCO for PCBs is based on a soil organic carbon content of 5%
H Value applies to the sum of alpha- and gamma-Chlordane
I No SSL or RSCO available. Value is the EPA Region 9 Preliminary Remediation Goal for Residential Soil.
P Value capped at the NYSDEC limit on total pesticides (10 mg/kg)
S Value capped at the NYSDEC limit on individual SVOCs (50,000 mg/kg)

Table 1-3
Surface and Subsurface Soil Screening Criteria
Consolidated Iron and Metal Superfund Site
Newburgh, New York

Chemical Name	Adjusted EPA Region IX PRGs: Residential Soil (1)	EPA Generic SSLs for Commercial/ Industrial - Ingestion/ Dermal	EPA Generic SSLs for Commercial/ Industrial - Inhalation	NYSDEC RSCO Adjusted for Site TOC of 4.85% (2)	Site-Specific Soil Screening Criteria (SSSSC) (3)	Site-Specific Background Value (4)	
						Surface Soil	Subsurface Soil

V Value capped at the NYSDEC limit on total VOCs (10,000 mg/kg)
** Use this value or site background

b Value corresponds to a noncancer hazard quotient of 1.
c Ingestion-Dermal pathway: calculated based on ingestion data only. Inhalation pathway: no toxicity criteria available.
ca Value from EPA Region IX human health criteria; based on cancer risk of 1E-06.
d Soil saturation limit
e Calculated values correspond to a cancer risk of 1 in 1,000,000
h SSL is based on dietary RfD
j EPA set a screening level of 750 mg/kg for lead based on conservative inputs to the Adult Pb model
nc Value from EPA Region IX human health criteria; based on noncancer hazard index of 0.1.