Analyte	CAS.NO	Units	Residential Soil	Residential Soil	ICP-MS: ISM02.2 CRQL	ICP-AES: ISM02.2 CRQL	Residential water ug/L	Residential Water ug/L	ICP-MS: ISM02.2 CRQL
Metals			**HI=1**	**1.00E-06**	**Soil (mg/kg)**	**Soil (mg/kg)**	**HI=1**	**1.00E-06**	**Water (ug/kg)**
Aluminum	7429-90-5	mg/kg	77000		--	20	20000		20
Antimony	7440-36-0	mg/kg	31		1		7.8		2
Arsenic	7440-38-2	mg/kg	0.67	0.67	0.5		0.05	0.05	1
Barium	7440-39-3	mg/kg	15000		5		3800		10
Beryllium	7440-41-7	mg/kg	160		0.5		25		1
Cadmium	7440-43-9	mg/kg	70		0.5		9.2		1
Calcium	7440-70-2	mg/kg	NP		--	500			500
Chromium	7440-47-3	mg/kg	120000		1		22000		2
Chromium +6	18540-29-9	mg/kg	0.3	0.3			0.035	0.035	
Cobalt	7440-48-4	mg/kg	23		0.5		6		1
Copper	7440-50-8	mg/kg	3100		1		800		2
Iron	7439-89-6	mg/kg	55000		--	10	14000		200
Lead	7439-92-1	mg/kg	400		0.5		15		1
Magnesium	7439-95-4	mg/kg	NP		--	500			500
Manganese	7439-96-5	mg/kg	1800		0.5		430		1
Mercury	7439-97-6	mg/kg	9.4		0.1		0.63		0.2
Nickel	7440-02-0	mg/kg	1500		0.5		390		1
Potassium	7440-09-7	mg/kg	NP		500				500
Selenium	7782-49-2	mg/kg	390		2.5		100		5
Silver	7440-22-4	mg/kg	390		0.5		94		1
Sodium	7440-23-5	mg/kg	NP		500				500
Thallium	7440-28-0	mg/kg	0.78		0.5		0.2		1
Vanadium	7440-62-2	mg/kg	390		2.5		86		5
Zinc	7440-66-6	mg/kg	23000		1		6000		2
Cyanide	57-12-5	mg/kg	2.7		0.5		1.5		10
tetraethyl lead	78-00-2	mg/kg	0.0078				0.0013		
Analyte	**CAS.NO**	**Units**	**Residential Soil**	**Residential Soil**	**ISM01.2 CRQL**	**Residential water ug/L**	**Residential Water ug/L**	**Water MCL**	**ISM01.2 CRQL**
PCB			**HI=1**	**1.00E-06**	ug/kg	**HI=1**	**1.00E-06**		ug/kg
Aroclor-1016	12674-11-2	mg/kg	4.1		33		0.22		1
Aroclor-1221	11104-28-2	mg/kg		0.17	33		0.0046		1
Aroclor-1232	11141-16-5	mg/kg		0.17	33		0.0046		1
Aroclor-1242	53469-21-9	mg/kg		0.23	33		0.0078		1
Aroclor-1248	12672-29-6	mg/kg		0.23	33		0.0078		1
Aroclor-1254	11097-69-1	mg/kg		0.24	33		0.0078		1
Aroclor-1260	11096-82-5	mg/kg		0.24	33		0.0078		1
Aroclor-1262	37324-23-5	mg/kg	NP		33				1
Aroclor-1268	11100-14-4	mg/kg	NP		33				1
Total PCBs	T_PCB	mg/kg	NP						

Analyte	CAS.NO	Units	Residential Soil	Residential Soil	ISM01.2 CRQL	Residential water ug/L	Residential Water ug/L	Water MCL	ISM01.2 CRQL
Pesticides			**HI=1**	**1.00E-06**	**Soil (ug/kg)**	**HI=1**	**1.00E-06**		**Water (ug/kg)**
4,4'-DDD	72-54-8	mg/kg		2.3	3.3		0.031		0.1
4,4'-DDE	72-55-9	mg/kg		2	3.3		0.046		0.1
4,4'-DDT	50-29-3	mg/kg		1.9	3.3		0.23		0.1
Aldrin	309-00-2	mg/kg		0.039	1.7		0.00092		0.1
alpha-BHC	319-84-6	mg/kg		0.086	1.7		0.0071		0.05
alpha-Chlordane	5103-71-9	mg/kg	NP		1.7				0.05
beta-BHC	319-85-7	mg/kg		0.3	1.7		0.025		0.05
delta-BHC	319-86-8	mg/kg	NP		1.7				0.05
Dieldrin	60-57-1	mg/kg		0.034	3.3		0.0017		0.1
Endosulfan I	959-98-8	mg/kg	NP		1.7				0.1
Endosulfan II	33213-65-9	mg/kg	NP		3.3				0.1
Endosulfan sulfate	1031-07-8	mg/kg	NP		3.3				0.1
Endrin	72-20-8	mg/kg	19		3.3	2.3			0.1
Endrin aldehyde	7421-93-4	mg/kg	NP		3.3				0.1
Endrin ketone	53494-70-5	mg/kg	NP		3.3				0.1
gamma-BHC (Lindane)	58-89-9	mg/kg		0.57	1.7		0.041	0.2	0.05
gamma-Chlordane	5103-74-2	mg/kg	NP		1.7				0.05
Heptachlor	76-44-8	mg/kg		0.13	1.7		0.0014	0.4	0.1
Heptachlor epoxide	1024-57-3	mg/kg		0.07	1.7		0.0014	0.2	0.1
Methoxychlor	72-43-5	mg/kg	320		17			40	0.5
Toxaphene	8001-35-2	mg/kg		0.49	170		0.015	3	5

Analyte	CAS.NO	Units	Residential Soil	Residential Soil	ISM02.2 CRQL-low	ISM02.2 CRQL-med	Residential water ug/L	Residential Water ug/L	Water MCL	ICP-MS: ISM02.2 CRQL
SVOA			**HI=1**	**1.00E-06**	**Soil (ug/kg)**	**Soil (ug/kg)**	**HI=1**	**1.00E-06**		**Water (ug/kg)**
1,1'-Biphenyl	92-52-4	mg/kg	47		170	5,000	0.83			5
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	23		170	5,000	1.7			5
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg		4.9	170	5,000		0.36		5
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	1900		170	5,000	240			5
2,4,5-Trichlorophenol	95-95-4	mg/kg	6300		170	5,000	1200			5
2,4,6-Trichlorophenol	88-06-2	mg/kg		49	170	5,000		4		5
2,4-Dichlorophenol	120-83-2	mg/kg	190		170	5,000	46			5
2,4-Dimethylphenol	105-67-9	mg/kg	1300		170	5,000	360			5
2,4-Dinitrophenol	51-28-5	mg/kg	130		330	10,000	39			10
2,4-Dinitrotoluene	121-14-2	mg/kg		1.7	170	5,000		0.24		5
2,6-Dinitrotoluene	606-20-2	mg/kg		0.36	170	5,000		0.048		5
2-Chloronaphthalene	91-58-7	mg/kg	4800		170	5,000	750			5
2-Chlorophenol	95-57-8	mg/kg	390		170	5,000	91			5
2-Methylphenol	95-48-7	mg/kg	3200		170	5,000	930			5
2-Nitroaniline	88-74-4	mg/kg	630		330	10,000	190			10
2-Nitrophenol	88-75-5	mg/kg	NP		170	5,000				5
3,3'-Dichlorobenzidine	91-94-1	mg/kg		1.2	170	5,000		0.12		5
3-Nitroaniline	99-09-2	mg/kg	NP		330	10,000				10
4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	5.1		330	10,000	1.5			10
4-Bromophenyl-phenylether	101-55-3	mg/kg	NP		170	5,000				5
4-Chloro-3-methylphenol	59-50-7	mg/kg	6300		170	5,000	1400			5
4-Chloroaniline	106-47-8	mg/kg		2.7	170	5,000		0.36		5
4-Chlorophenyl-phenylether	7005-72-3	mg/kg	NP		170	5,000				5
4-Methylphenol	106-44-5	mg/kg	6300		170	5,000	1900			5
4-Nitroaniline	100-01-6	mg/kg		27	330	10,000		3.8		10
4-Nitrophenol	100-02-7	mg/kg	NP		330	10,000				10
Acetophenone	98-86-2	mg/kg	7800		170	5,000	1900			5
Atrazine	1912-24-9	mg/kg		2.4	170	5,000		0.3	3	5
Benzaldehyde	100-52-7	mg/kg	7800		170	5,000	1900			5
Benzo(a)pyrene	50-32-8	mg/kg		0.016	170	5,000		0.0034	0.2	5
Benzo(a)anthracene	56-55-3	mg/kg		0.16	170	5,000		0.012		5
Benzo(b)fluoranthene	205-99-2	mg/kg		0.16	170	5,000		0.034	0.2	5
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	190		170	5,000	59			5
Bis(2-chloroethyl)ether	111-44-4	mg/kg		0.23	170	5,000		0.014		5
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	38		170	5,000				5
Butylbenzylphthalate	85-68-7	mg/kg		290	170	5,000		16		5
Caprolactam	105-60-2	mg/kg	31000		170	5,000	9900			5
Carbazole	86-74-8	mg/kg	NP		170	5,000				5
Chrysene	218-01-9	mg/kg	15		170	5,000		3.4		5
Dibenzofuran	132-64-9	mg/kg	73		170	5,000	7.9			5
Diethylphthalate	84-66-2	mg/kg	51000		170	5,000	15000			5
Dimethylphthalate	131-11-3	mg/kg	NP		170	5,000				5
Di-n-butylphthalate	84-74-2	mg/kg	6300		170	5,000	900			5
Di-n-octylphthalate	117-84-0	mg/kg	630		170	5,000	200			5
Fluoranthene	206-44-0	mg/kg	2400		170	5,000	800			5
Hexachlorobenzene	118-74-1	mg/kg		0.21	170	5,000		0.0098	1	5
Hexachlorobutadiene	87-68-3	mg/kg		1.2	170	5,000		0.14		5
Hexachlorocyclopentadiene	77-47-4	mg/kg	1.8		170	5,000	0.41		50	5
Hexachloroethane	67-72-1	mg/kg		1.8	170	5,000		0.33		5
Isophorone	78-59-1	mg/kg		570	170	5,000		78		5
Nitrobenzene	98-95-3	mg/kg		5.1	170	5,000		0.14		5
N-Nitroso-di-n-propylamine	621-64-7	mg/kg		0.078	170	5,000		0.011		5
N-Nitrosodiphenylamine	86-30-6	mg/kg		110	170	5,000		12		5
Pentachlorophenol	87-86-5	mg/kg		1	330	10,000		0.04	1	10
Phenanthrene	85-01-8	mg/kg	NP		170	5,000				5
Phenol	108-95-2	mg/kg	19000		170	5,000	5800			5
Pyrene	129-00-0	mg/kg	1800		170	5,000	120			5
1,4-Dioxane	123-91-1	mg/kg		5.3	67	2000		0.46		2
3-Methylphenol	108-39-4	mg/kg	3200				930			5

1,2,4-Trichlorobenzene	120-82-1	mg/kg	24					4		1.1	70	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	40000					55000				