



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Acenaphthene	83329	NA	3.00E+05	8.80E+05	8,700	3.50E+08	9.70E+07	9.70E+07	9.70E+07	6.20E+09	1.30E+08	NA
Acenaphthylene	208968	NA	5,900	17,000	ID	3.00E+06	2.70E+06	2.70E+06	2.70E+06	1.00E+09	5.20E+06	NA
Acetaldehyde (I)	75070	NA	19,000	54,000	2,600	4.00E+05	2.10E+05	2.10E+05	2.90E+05	2.60E+08	9.50E+07	1.10E+08
Acetate	71501	NA	ID	ID	(G)	ID	ID	ID	ID	ID	ID	ID
Acetic acid	64197	NA	84,000	2.40E+05	(G)	NLV	NLV	NLV	NLV	7.40E+09	4.20E+08	6.50E+08
Acetone (I)	67641	NA	15,000	42,000	34,000	5.4E+8 (C)	1.60E+08	1.60E+08	2.00E+08	1.70E+11	7.30E+07	1.10E+08
Acetonitrile	75058	NA	2,800	8,000	2.60E+05	8.80E+06	1.90E+06	1.90E+06	2.20E+06	1.80E+09	1.40E+07	2.20E+07
Acetophenone	98862	NA	30,000	88,000	ID	2.1E+8 (C)	5.20E+07	5.20E+07	5.20E+07	1.40E+10	1.5E+8 (C)	1.10E+06
Acrolein (I)	107028	NA	2,400	6,600	NA	760	370	370	630	5.90E+05	1.20E+07	2.30E+07
Acrylamide	79061	NA	10	10	200 (X)	NLV	NLV	NLV	NLV	3.00E+06	8,700	NA
Acrylic acid	79107	NA	78,000	2.20E+05	NA	5.50E+06	2.20E+05	2.70E+05	2.70E+05	2.90E+07	2.1E+8 (C,DD)	1.10E+08
Acrylonitrile (I)	107131	NA	100 (M); 52	220	100 (M); 40	35,000	17,000	17,000	31,000	5.80E+07	74,000	8.30E+06
Alachlor	15972608	NA	52	52	290 (X)	NLV	NLV	NLV	NLV	ID	3.90E+05	NA
Aldicarb	116063	NA	60	60	NA	NLV	NLV	NLV	NLV	ID	7.30E+05	NA
Aldicarb sulfone	1646884	NA	200 (M); 40	200 (M); 40	NA	NLV	NLV	NLV	NLV	ID	8.00E+05	NA
Aldicarb sulfoxide	1646873	NA	200(M); 80	200 (M); 80	NA	NLV	NLV	NLV	NLV	ID	9.50E+05	NA
Aldrin	309002	NA	NLL	NLL	NLL	7.10E+06	2.00E+05	2.00E+05	2.00E+05	8.00E+05	4,300	NA
Aluminum (B)	7429905	6.90E+06	1,000	1,000	NA	NLV	NLV	NLV	NLV	ID	3.7E+8 (DD)	NA
Ammonia	7664417	NA	ID	ID	(CC)	ID	ID	ID	ID	2.90E+09	ID	1.00E+07
t-Amyl methyl ether (TAME)	994058	NA	3,900	3,900	NA	1.10E+05	4.00E+05	7.80E+05	1.80E+06	1.80E+09	9.5E+7 (C)	4.40E+05
Aniline	62533	NA	1,100	4,400	330 (M); 80	NLV	NLV	NLV	NLV	2.90E+07	1.50E+06	4.50E+06
Anthracene	120127	NA	41,000	41,000	ID	1.0E+9 (D)	1.60E+09	1.60E+09	1.60E+09	2.90E+10	7.30E+08	NA
Antimony	7440360	NA	4,300	4,300	94,000 (X)	NLV	NLV	NLV	NLV	5.90E+06	6.70E+05	NA
Arsenic	7440382	5,800	4,600	4,600	4,600	NLV	NLV	NLV	NLV	9.10E+05	37,000	NA
Asbestos (BB)	1332214	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.0E+7 (M); 85,000	ID	NA
Atrazine	1912249	NA	60	60	150	NLV	NLV	NLV	NLV	ID	3.3E+5 (DD)	NA
Azobenzene	103333	NA	4,200	17,000	ID	3.20E+07	2.10E+06	2.10E+06	2.10E+06	1.30E+08	6.60E+05	NA



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)			Contact	Csat	
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Barium (B)	7440393	75,000	1.30E+06	1.30E+06	(G)	NLV	NLV	NLV	NLV	1.50E+08	1.30E+08	NA
Benzene (I)	71432	NA	100	100	4,000 (X)	8,400	45,000	99,000	2.30E+05	4.70E+08	8.4E+5 (C)	4.00E+05
Benidine	92875	NA	1,000 (M); 6.0	1,000 (M); 6.0	1,000 (M); 6.0	NLV	NLV	NLV	NLV	59,000	1,000 (M); 110	NA
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	80,000	NA
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	80,000	NA
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	8.00E+05	NA
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	3.50E+08	7.00E+06	NA
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.90E+06	8,000	NA
Benzoic acid	65850	NA	6.40E+05	1.80E+06	NA	NLV	NLV	NLV	NLV	ID	1.0E+9 (D)	NA
Benzyl alcohol	100516	NA	2.00E+05	5.80E+05	NA	NLV	NLV	NLV	NLV	1.50E+11	1.0E+9 (C,D)	5.80E+06
Benzyl chloride	100447	NA	150	640	NA	33,000	48,000	48,000	52,000	7.80E+07	2.20E+05	2.30E+05
Beryllium	7440417	NA	51,000	51,000	(G)	NLV	NLV	NLV	NLV	5.90E+05	1.60E+06	NA
bis(2-Chloroethoxy)ethane	112265	NA	ID	ID	ID	NLV	NLV	NLV	NLV	ID	ID	2.70E+06
bis(2-Chloroethyl)ether (I)	111444	NA	100	170	100 (M); 20	44,000	13,000	13,000	13,000	1.20E+07	58,000	2.20E+06
bis(2-Ethylhexyl)phthalate	117817	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.90E+08	1.2E+7 (C)	1.00E+07
Boron (B)	7440428	NA	10,000	10,000	1.4E+5 (X)	NLV	NLV	NLV	NLV	ID	3.5E+8 (DD)	NA
Bromate	15541454	NA	200	200	800 (X)	NLV	NLV	NLV	NLV	ID	91,000	NA
Bromobenzene (I)	108861	NA	550	1,500	NA	5.80E+05	5.40E+05	5.40E+05	5.40E+05	2.40E+08	1.7E+6 (C)	7.60E+05
Bromodichloromethane	75274	NA	1,600 (W)	1,600 (W)	ID	6,400	31,000	31,000	57,000	1.10E+08	4.90E+05	1.50E+06
Bromoform	75252	NA	1,600 (W)	1,600 (W)	ID	7.70E+05	3.10E+06	3.10E+06	3.10E+06	3.60E+09	3.8E+6 (C)	8.70E+05
Bromomethane	74839	NA	200	580	100	1,600	13,000	57,000	1.40E+05	1.50E+08	1.00E+06	2.20E+06
n-Butanol (I)	71363	NA	19,000	54,000	2.00E+05	NLV	NLV	NLV	NLV	1.00E+10	9.5E+7 (C)	8.70E+06
2-Butanone (MEK) (I)	78933	NA	2.60E+05	7.60E+05	44,000	9.9E+7 (C)	3.50E+07	3.50E+07	3.60E+07	2.90E+10	7.0E+8 (C,DD)	2.70E+07
n-Butyl acetate	123864	NA	11,000	32,000	NA	1.0E+8 (C)	1.40E+08	3.10E+08	3.50E+08	2.10E+11	5.5E+7 (C)	1.10E+06
t-Butyl alcohol	75650	NA	78,000	2.20E+05	NA	5.8E+8 (C)	1.20E+08	2.40E+08	2.40E+08	5.60E+10	3.9E+8 (C)	1.10E+08
Butyl benzyl phthalate	85687	NA	2.2E+6 (C)	5.0E+6 (C)	1.2E+5 (X)	NLV	NLV	NLV	NLV	2.10E+10	1.2E+8 (C)	3.10E+05
n-Butylbenzene	104518	NA	1,600	4,600	ID	ID	ID	ID	ID	8.80E+08	8.00E+06	1.00E+07



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)			Contact	Csat	
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
sec-Butylbenzene	135988	NA	1,600	4,600	ID	ID	ID	ID	ID	1.80E+08	8.00E+06	1.00E+07
t-Butylbenzene (I)	98066	NA	1,600	4,600	ID	ID	ID	ID	ID	2.90E+08	8.00E+06	1.00E+07
Cadmium (B)	7440439	1,200	6,000	6,000	(G,X)	NLV	NLV	NLV	NLV	2.20E+06	2.10E+06	NA
Camphene (I)	79925	NA	ID	ID	NA	6,700	1.80E+05	9.10E+05	2.20E+06	2.40E+09	ID	NA
Caprolactam	105602	NA	1.20E+05	3.40E+05	NA	NLV	NLV	NLV	NLV	2.90E+08	3.1E+8 (DD)	NA
Carbaryl	63252	NA	14,000	40,000	ID	ID	ID	ID	ID	ID	7.00E+07	NA
Carbazole	86748	NA	9,400	39,000	1,100	NLV	NLV	NLV	NLV	7.80E+07	2.40E+06	NA
Carbofuran	1563662	NA	800	800	NA	NLV	NLV	NLV	NLV	ID	3.60E+06	NA
Carbon disulfide (I,R)	75150	NA	16,000	46,000	ID	1.40E+05	1.60E+06	8.00E+06	1.90E+07	2.10E+10	4.3E+7 (C,DD)	2.80E+05
Carbon tetrachloride	56235	NA	100	100	760 (X)	990	12,000	34,000	79,000	1.70E+08	4.4E+5 (C)	3.90E+05
Chlordane (J)	57749	NA	NLL	NLL	NLL	5.90E+07	4.20E+06	4.20E+06	4.20E+06	2.10E+07	1.50E+05	NA
Chloride	16887006	NA	5.00E+06	5.00E+06	(X)	NLV	NLV	NLV	NLV	ID	5.0E+5 (F)	NA
Chlorobenzene (I)	108907	NA	2,000	2,000	500	2.20E+05	9.20E+05	1.10E+06	2.10E+06	2.10E+09	1.4E+7 (C)	2.60E+05
p-Chlorobenzene sulfonic acid	98668	NA	1.50E+05	4.20E+05	ID	ID	ID	ID	ID	ID	7.30E+08	ID
1-Chloro-1,1-difluoroethane	75683	NA	3.00E+05	8.80E+05	NA	5.4E+6 (C)	9.40E+07	5.70E+08	1.40E+09	1.50E+12	1.0E+9 (C,D)	9.60E+05
Chloroethane	75003	NA	8,600	34,000	22,000 (X)	5.3E+6 (C)	3.60E+07	1.20E+08	2.80E+08	2.90E+11	1.2E+7 (C)	9.50E+05
2-Chloroethyl vinyl ether	110758	NA	ID	ID	NA	ID	ID	ID	ID	ID	ID	1.90E+06
Chloroform	67663	NA	1,600 (W)	1,600 (W)	7,000	38,000	1.50E+05	3.40E+05	7.90E+05	1.60E+09	5.5E+6 (C)	1.50E+06
Chloromethane (I)	74873	NA	5,200	22,000	ID	10,000	1.20E+05	1.00E+06	2.50E+06	2.60E+09	7.4E+6 (C)	1.10E+06
4-Chloro-3-methylphenol	59507	NA	5,800	16,000	280	NLV	NLV	NLV	NLV	ID	1.50E+07	NA
beta-Chloronaphthalene	91587	NA	6.20E+05	1.80E+06	NA	ID	ID	ID	ID	ID	1.80E+08	NA
2-Chlorophenol	95578	NA	900	2,600	360	8.00E+05	1.10E+06	1.10E+06	1.10E+06	5.30E+08	4.50E+06	1.90E+07
o-Chlorotoluene (I)	95498	NA	3,300	9,300	ID	5.00E+05	1.50E+06	3.10E+06	6.40E+06	2.10E+09	1.5E+7 (C)	5.00E+05
Chlorpyrifos	2921882	NA	17,000	48,000	1,500	240	5,500	23,000	56,000	5.90E+07	3.40E+07	NA
Chromium (III) (B,H)	16065831	18,000 (total)	1.0E+9 (D)	1.0E+9 (D)	(G,X)	NLV	NLV	NLV	NLV	1.50E+08	1.0E+9 (D)	NA
Chromium (VI)	18540299	NA	30,000	30,000	3,300	NLV	NLV	NLV	NLV	2.40E+05	9.20E+06	NA
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	8.00E+06	NA



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)			Contact	Csat	
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Cobalt	7440484	6,800	800	2,000	2,000	NLV	NLV	NLV	NLV	5.90E+06	9.00E+06	NA
Copper (B)	7440508	32,000	5.80E+06	5.80E+06	(G)	NLV	NLV	NLV	NLV	5.90E+07	7.30E+07	NA
Cyanazine	21725462	NA	200	200	1,100 (X)	NLV	NLV	NLV	NLV	ID	66,000	NA
Cyanide (P,R)	57125	390 (total)	4,000	4,000	100	NLV	NLV	NLV	NLV	2.50E+05	2.50E+05	NA
Cyclohexanone	108941	NA	5.20E+06	1.50E+07	NA	32,000	1.30E+06	1.10E+07	2.70E+07	2.90E+10	1.0E+9 (C,D)	2.20E+08
Dacthal	1861321	NA	50,000	1.40E+05	NA	NLV	NLV	NLV	NLV	ID	7.30E+06	NA
Dalapon	75990	NA	4,000	4,000	NA	NLV	NLV	NLV	NLV	ID	6.2E+7 (C)	5.90E+07
4-4'-DDD	72548	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	5.60E+07	4.00E+05	NA
4-4'-DDE	72559	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	4.00E+07	1.90E+05	NA
4-4'-DDT	50293	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	4.00E+07	2.80E+05	NA
Decabromodiphenyl ether	1163195	NA	1.40E+05	1.40E+05	NA	1.0E+9 (D)	1.00E+08	1.00E+08	1.00E+08	1.00E+09	1.10E+07	NA
Di-n-butyl phthalate	84742	NA	9.6E+5 (C)	2.7E+6 (C)	11,000	NLV	NLV	NLV	NLV	1.50E+09	8.7E+7 (C)	7.60E+05
Di(2-ethylhexyl) adipate	103231	NA	1.3E+7 (C)	1.3E+7 (C)	ID	NLV	NLV	NLV	NLV	1.20E+10	6.3E+7 (C,DD)	9.60E+05
Di-n-octyl phthalate	117840	NA	1.00E+08	2.9E+8 (C)	ID	NLV	NLV	NLV	NLV	1.40E+10	2.00E+07	1.40E+08
Diacetone alcohol (I)	123422	NA	ID	ID	NA	NLV	NLV	NLV	NLV	7.10E+10	ID	1.10E+08
Diazinon	333415	NA	95	280	72	NLV	NLV	NLV	NLV	ID	70,000 (DD)	3.10E+05
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	8,000	NA
Dibenzofuran	132649	NA	ID	ID	1,700	3.60E+06	1.60E+05	1.60E+05	1.60E+05	2.90E+06	ID	NA
Dibromochloromethane	124481	NA	1,600 (W)	1,600 (W)	ID	21,000	80,000	80,000	98,000	1.60E+08	5.00E+05	6.10E+05
Dibromochloropropane	96128	NA	10 (M); 4.0	10 (M); 4.0	ID	1,200	900	900	900	7.00E+05	20,000 (C)	1,200
Dibromomethane	74953	NA	1,600	4,600	NA	ID	ID	ID	ID	ID	8.0E+6 (C)	2.00E+06
Dicamba	1918009	NA	4,400	13,000	NA	NLV	NLV	NLV	NLV	ID	1.70E+07	NA
1,2-Dichlorobenzene	95501	NA	14,000	14,000	280	2.0E+7 (C)	4.60E+07	4.60E+07	5.50E+07	4.40E+10	6.3E+7 (C)	2.10E+05
1,3-Dichlorobenzene	541731	NA	170	480	680	48,000	94,000	94,000	1.10E+05	8.80E+07	6.6E+5 (C)	1.70E+05
1,4-Dichlorobenzene	106467	NA	1,700	1,700	360	1.00E+05	2.60E+05	2.60E+05	3.40E+05	5.70E+08	1.90E+06	NA
3,3'-Dichlorobenzidine	91941	NA	2,000 (M); 28	2,000 (M); 110	2,000 (M); 7.4	NLV	NLV	NLV	NLV	8.20E+06	30,000	NA
Dichlorodifluoromethane	75718	NA	95,000	2.70E+05	ID	1.70E+06	6.30E+07	5.50E+08	1.40E+09	1.50E+12	1.7E+8 (C)	1.00E+06
1,1-Dichloroethane	75343	NA	18,000	50,000	15,000	4.30E+05	2.50E+06	6.00E+06	1.40E+07	1.50E+10	8.7E+7 (C)	8.90E+05



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
1,2-Dichloroethane (I)	107062	NA	100	100	7,200 (X)	11,000	21,000	33,000	74,000	1.50E+08	4.20E+05	1.20E+06
1,1-Dichloroethylene (I)	75354	NA	140	140	2,600	330	3,700	15,000	37,000	7.80E+07	6.6E+5 (C)	5.70E+05
cis-1,2-Dichloroethylene	156592	NA	1,400	1,400	12,000	41,000	2.10E+05	4.30E+05	1.00E+06	1.00E+09	8.0E+6 (C)	6.40E+05
trans-1,2-Dichloroethylene	156605	NA	2,000	2,000	30,000 (X)	43,000	3.30E+05	8.40E+05	2.00E+06	2.10E+09	1.2E+7 (C)	1.40E+06
2,6-Dichloro-4-nitroaniline	99309	NA	44,000	1.30E+05	NA	NLV	NLV	NLV	NLV	ID	2.20E+08	NA
2,4-Dichlorophenol	120832	NA	1,500	4,200	330 (M); 220	NLV	NLV	NLV	NLV	2.30E+09	3.9E+6 (C,DD)	1.80E+06
2,4-Dichlorophenoxyacetic acid	94757	NA	1,400	1,400	4,400	NLV	NLV	NLV	NLV	2.90E+09	8.60E+06	NA
1,2-Dichloropropane (I)	78875	NA	100	100	4,600 (X)	7,400	30,000	51,000	1.20E+05	1.20E+08	6.6E+5 (C)	5.50E+05
1,3-Dichloropropene	542756	NA	170	700	180 (X)	5,400	60,000	2.00E+05	4.70E+05	5.90E+08	2.40E+05	6.20E+05
Dichlorovos	62737	NA	50 (M); 32	130	ID	NLV	NLV	NLV	NLV	1.50E+07	47,000	2.20E+06
Dicyclohexyl phthalate	84617	NA	ID	ID	NA	ID	ID	ID	ID	ID	ID	NA
Dieldrin	60571	NA	NLL	NLL	NLL	7.20E+05	64,000	64,000	64,000	8.50E+05	4,700	NA
Diethyl ether	60297	NA	200	200	ID	5.2E+7 (C)	1.00E+08	1.60E+08	3.50E+08	3.50E+11	3.6E+8 (C)	7.40E+06
Diethyl phthalate	84662	NA	1.10E+05	3.20E+05	2,200	NLV	NLV	NLV	NLV	1.50E+09	5.5E+8 (C)	7.40E+05
Diethylene glycol monobutyl ether	112345	NA	1,800	5,000	NA	NLV	NLV	NLV	NLV	5.90E+08	8.70E+06	1.10E+08
Diisopropyl ether	108203	NA	600	1,700 (C)	ID	1.2E+6 (C)	3.20E+06	4.80E+06	1.00E+07	1.10E+10	3.0E+6 (C)	1,300
Diisopropylamine (I)	108189	NA	110	320	NA	1.0E+7 (C)	7.40E+06	7.40E+06	7.70E+06	5.90E+09	5.60E+05	6.70E+06
Dimethyl phthalate	131113	NA	1.5E+6 (C)	4.2E+6 (C)	NA	NLV	NLV	NLV	NLV	1.50E+09	1.0E+9 (C,D)	7.90E+05
N,N-Dimethylacetamide	127195	NA	3,600	10,000	82,000 (X)	NLV	NLV	NLV	NLV	ID	1.80E+07	1.10E+08
N,N-Dimethylaniline	121697	NA	320	920	NA	8.9E+5 (C)	5.20E+05	5.20E+05	5.20E+05	3.30E+08	1.6E+6 (C)	8.00E+05
Dimethylformamide (I)	68122	NA	14,000	40,000	NA	NLV	NLV	NLV	NLV	8.80E+08	7.00E+07	1.10E+08
2,4-Dimethylphenol	105679	NA	7,400	20,000	7,600	NLV	NLV	NLV	NLV	2.10E+09	3.60E+07	NA
2,6-Dimethylphenol	576261	NA	330 (M); 88	330 (M); 260	NA	NLV	NLV	NLV	NLV	5.90E+07	4.40E+05	NA
3,4-Dimethylphenol	95658	NA	330 (M); 200	580	500	NLV	NLV	NLV	NLV	1.00E+08	1.00E+06	NA
Dimethylsulfoxide	67685	NA	4.40E+06	1.30E+07	3.80E+06	NLV	NLV	NLV	NLV	5.90E+08	1.0E+9 (C,D)	1.80E+07
2,4-Dinitrotoluene	121142	NA	430	640	NA	NLV	NLV	NLV	NLV	2.00E+07	2.20E+05	NA
Dinoseb	88857	NA	300	300	200 (M); 43	NLV	NLV	NLV	NLV	1.20E+08	3.9E+5 (C,DD)	1.40E+05



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
1,4-Dioxane (I)	123911	NA	1,700	7,000	5,600 (X)	NLV	NLV	NLV	NLV	7.10E+08	2.40E+06	9.70E+07
Diquat	85007	NA	400	400	400	NLV	NLV	NLV	NLV	ID	1.60E+06	NA
Diuron	330541	NA	620	1,800	NA	NLV	NLV	NLV	NLV	2.10E+08	3.10E+06	NA
Endosulfan (J)	115297	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	4.40E+06	NA
Endothall	145733	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.00E+09	1.20E+07	NA
Endrin	72208	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	1.90E+05	NA
Epichlorohydrin (I)	106898	NA	100	100	NA	1.20E+05	37,000	37,000	37,000	2.90E+07	41,000	7.30E+06
Ethanol (I)	64175	NA	3.80E+07	7.60E+07	ID	NLV	NLV	NLV	NLV	5.60E+11	1.0E+9 (C,D,DDD)	1.10E+08
Ethyl acetate (I)	141786	NA	1.30E+05	3.80E+05	NA	7.0E+7 (C)	5.90E+07	5.90E+07	1.00E+08	9.40E+10	6.6E+8 (C)	7.50E+06
Ethyl-tert-butyl ether (ETBE)	637923	NA	980	980	ID	1.7E+6 (C)	2.30E+06	4.60E+06	1.10E+07	1.10E+10	ID	6.50E+05
Ethylbenzene (I)	100414	NA	1,500	1,500	360	4.6E+5 (C)	2.40E+06	3.10E+06	6.50E+06	1.30E+10	7.1E+7 (C)	1.40E+05
Ethylene dibromide	106934	NA	20 (M); 1.0	20 (M); 1.0	110 (X)	3,600	5,800	5,800	9,800	1.80E+07	430	8.90E+05
Ethylene glycol	107211	NA	3.00E+05	8.40E+05	3.8E+6 (X)	NLV	NLV	NLV	NLV	2.90E+10	1.0E+9 (C,D)	1.10E+08
Ethylene glycol monobutyl ether	111762	NA	74,000	2.00E+05	NA	1.40E+06	2.10E+07	1.50E+08	3.60E+08	3.80E+11	3.6E+8 (C)	4.10E+07
Fluoranthene	206440	NA	7.30E+05	7.30E+05	5,500	1.0E+9 (D)	8.90E+08	8.80E+08	8.80E+08	4.10E+09	1.30E+08	NA
Fluorene	86737	NA	3.90E+05	8.90E+05	5,300	1.0E+9 (D)	1.50E+08	1.50E+08	1.50E+08	4.10E+09	8.70E+07	NA
Fluorine (soluble fluoride) (B)	7782414	NA	40,000	40,000	ID	NLV	NLV	NLV	NLV	ID	6.7E+7 (DD)	NA
Formaldehyde	50000	NA	26,000	76,000	3,600	65,000	43,000	69,000	1.50E+05	2.60E+08	1.3E+8 (C)	6.00E+07
Formic acid (I,U)	64186	NA	2.00E+05	5.80E+05	ID	2.80E+06	2.60E+05	1.60E+05	1.60E+05	5.90E+07	1.0E+9 (C,D)	1.10E+08
1-Formylpiperidine	2591868	NA	1,600	4,600	NA	ID	ID	ID	ID	ID	8.00E+06	1.00E+07
Gentian violet	548629	NA	300	1,300	NA	NLV	NLV	NLV	NLV	ID	4.40E+05	NA
Glyphosate	1071836	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	5.7E+7 (DD)	NA
Heptachlor	76448	NA	NLL	NLL	NLL	1.90E+06	2.10E+05	2.10E+05	2.10E+05	3.00E+06	23,000	NA
Heptachlor epoxide	1024573	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	9,500	NA
n-Heptane	142825	NA	4.6E+7 (C)	1.3E+8 (C)	NA	2.7E+6 (C)	2.50E+07	4.50E+07	1.00E+08	1.00E+11	1.0E+9 (C,D)	2.40E+05
Hexabromobenzene	87821	NA	5,400	5,400	ID	ID	ID	ID	ID	ID	3.10E+06	NA



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)			Contact	Csat	
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Hexachlorobenzene (C-66)	118741	NA	1,800	1,800	350	2.20E+05	56,000	56,000	56,000	8.50E+06	37,000	NA
Hexachlorobutadiene (C-46)	87683	NA	26,000	72,000	91	7.1E+5 (C)	4.60E+05	4.60E+05	4.60E+05	1.80E+08	4.7E+5 (C)	3.50E+05
alpha-Hexachlorocyclohexane	319846	NA	18	71	ID	1.60E+05	41,000	86,000	86,000	2.10E+06	12,000	NA
beta-Hexachlorocyclohexane	319857	NA	37	150	ID	NLV	NLV	NLV	NLV	7.40E+06	25,000	NA
Hexachlorocyclopentadiene (C-56)	77474	NA	3.20E+05	3.20E+05	ID	56,000	60,000	60,000	60,000	5.90E+06	6.7E+6 (C)	7.20E+05
Hexachloroethane	67721	NA	430	1,200	1,800 (X)	79,000	6.60E+05	1.40E+06	1.40E+06	1.00E+08	7.30E+05	NA
n-Hexane	110543	NA	1.8E+5 (C)	5.1E+5 (C)	NA	9.5E+5 (C)	3.50E+06	3.50E+06	6.40E+06	5.90E+09	3.0E+8 (C)	44,000
2-Hexanone	591786	NA	20,000	58,000	ID	1.80E+06	1.30E+06	1.30E+06	1.50E+06	1.20E+09	1.0E+8 (C)	2.50E+06
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	80,000	NA
Iron (B)	7439896	1.20E+07	6,000	6,000	NA	NLV	NLV	NLV	NLV	ID	5.80E+08	NA
Isobutyl alcohol (I)	78831	NA	46,000	1.30E+05	NA	4.3E+8 (C)	9.50E+07	9.50E+07	9.50E+07	4.40E+10	2.3E+8 (C)	8.90E+06
Isophorone	78591	NA	15,000	62,000	26,000 (X)	NLV	NLV	NLV	NLV	8.20E+09	2.2E+7 (C)	2.40E+06
Isopropyl alcohol (I)	67630	NA	9,400	26,000	1.1E+6 (X)	NLV	NLV	NLV	NLV	6.50E+09	4.70E+07	1.10E+08
Isopropyl benzene	98828	NA	91,000	2.60E+05	3,200	7.3E+5 (C)	2.00E+06	2.00E+06	3.00E+06	2.60E+09	8.0E+7 (C)	3.90E+05
Lead (B)	7439921	21,000	7.00E+05	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	4.40E+07	9.0E+5 (DD)	NA
Lindane	58899	NA	20 (M); 7.0	20 (M); 7.0	20 (M); 1.1	ID	ID	ID	ID	ID	42,000	NA
Lithium (B)	7439932	9,800	3,400	7,000	8,800	NLV	NLV	NLV	NLV	1.00E+09	3.1E+7 (DD)	NA
Magnesium (B)	7439954	NA	8.00E+06	2.20E+07	NA	NLV	NLV	NLV	NLV	2.90E+09	1.0E+9 (D)	NA
Manganese (B)	7439965	4.40E+05	1,000	1,000	(G,X)	NLV	NLV	NLV	NLV	1.50E+06	9.00E+07	NA
Mercury (Total) (B,Z)	Varies	130	1,700	1,700	50 (M); 1.2	89,000	62,000	62,000	62,000	8.80E+06	5.80E+05	NA
Methane	74828	NA	ID	ID	NA	8.4E+6 ug/m <sup>3</sup> (GG)	ID	ID	ID	ID	ID	ID
Methanol	67561	NA	74,000	2.00E+05	1.2E+7 (C)	6.7E+7 (C)	3.70E+07	4.60E+07	9.70E+07	9.60E+10	3.6E+8 (C)	3.10E+06
Methoxychlor	72435	NA	16,000	16,000	NA	ID	ID	ID	ID	ID	5.60E+06	NA
2-Methoxyethanol (I)	109864	NA	150	420	NA	NLV	NLV	NLV	NLV	5.90E+08	7.30E+05	1.10E+08
2-Methyl-4-chlorophenoxyacetic acid	94746	NA	390	1,100	NA	NLV	NLV	NLV	NLV	ID	7.30E+05	NA
2-Methyl-4,6-dinitrophenol	534521	NA	830 (M); 400	830 (M); 400	NA	NLV	NLV	NLV	NLV	5.90E+07	2.60E+05	NA
N-Methyl-morpholine (I)	109024	NA	400	1,100	NA	NLV	NLV	NLV	NLV	ID	2.00E+06	1.10E+08



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Methyl parathion	298000	NA	46	130	NA	NLV	NLV	NLV	NLV	ID	1.80E+05	NA
4-Methyl-2-pentanone (MIBK) (I)	108101	NA	36,000	1.00E+05	ID	6.9E+7 (C)	5.30E+07	5.30E+07	7.00E+07	6.00E+10	1.8E+8 (C)	2.70E+06
Methyl-tert-butyl ether (MTBE)	1634044	NA	800	800	1.4E+5 (X)	1.8E+7 (C)	3.00E+07	4.10E+07	8.90E+07	8.80E+10	7.1E+6 (C)	5.90E+06
Methylcyclopentane (I)	96377	NA	ID	ID	NA	1.70E+05	2.80E+06	8.30E+06	2.00E+07	2.10E+10	ID	3.50E+05
4,4'-Methylene-bis-2- chloroaniline	101144	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.10E+08	32,000	NA
Methylene chloride	75092	NA	100	100	30,000 (X)	2.40E+05	7.00E+05	1.70E+06	4.00E+06	8.30E+09	5.8E+6 (C)	2.30E+06
2-Methylnaphthalene	91576	NA	57,000	1.70E+05	4,200	4.90E+06	1.80E+06	1.80E+06	1.80E+06	2.90E+08	2.60E+07	NA
Methylphenols (J)	1319773	NA	7,400	20,000	1,000 (M); 600	NLV	NLV	NLV	NLV	2.90E+09	3.60E+07	NA
Metolachlor	51218452	NA	4,800	20,000	300	NLV	NLV	NLV	NLV	ID	6.9E+6 (C,DD)	4.40E+05
Metribuzin	21087649	NA	3,600	10,000	NA	ID	ID	ID	ID	ID	2.80E+07	NA
Mirex	2385855	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	40,000	NA
Molybdenum (B)	7439987	NA	1,500	4,200	64,000 (X)	NLV	NLV	NLV	NLV	ID	9.60E+06	NA
Naphthalene	91203	NA	35,000	1.00E+05	730	4.70E+05	3.50E+05	3.50E+05	3.50E+05	8.80E+07	5.20E+07	NA
Nickel (B)	7440020	20,000	1.00E+05	1.00E+05	(G)	NLV	NLV	NLV	NLV	1.60E+07	1.50E+08	NA
Nitrate (B,N)	14797558	NA	2.0E+5 (N)	2.0E+5 (N)	ID	NLV	NLV	NLV	NLV	ID	ID	NA
Nitrite (B,N)	14797650	NA	20,000 (N)	20,000 (N)	NA	NLV	NLV	NLV	NLV	ID	ID	NA
Nitrobenzene (I)	98953	NA	330 (M); 68	330 (M); 190	3,600 (X)	1.70E+05	64,000	64,000	64,000	2.10E+07	3.40E+05	4.90E+05
2-Nitrophenol	88755	NA	400	1,200	ID	NLV	NLV	NLV	NLV	ID	2.00E+06	NA
n-Nitroso-di-n-propylamine	621647	NA	330 (M); 100	330 (M); 100	NA	NLV	NLV	NLV	NLV	2.00E+06	5,400	1.50E+06
N-Nitrosodiphenylamine	86306	NA	5,400	22,000	NA	NLV	NLV	NLV	NLV	2.80E+09	7.80E+06	NA
Oxamyl	23135220	NA	4,000	4,000	NA	NLV	NLV	NLV	NLV	ID	2.80E+07	NA
Oxo-hexyl acetate	88230357	NA	1,500	4,200	NA	ID	ID	ID	ID	2.40E+09	7.30E+06	1.00E+07
Pendimethalin	40487421	NA	1.10E+06	1.10E+06	NA	NLV	NLV	NLV	NLV	ID	1.30E+08	NA
Pentachlorobenzene	608935	NA	29,000	81,000	9,500	ID	ID	ID	ID	ID	9.3E+5 (C)	1.90E+05
Pentachloronitrobenzene	82688	NA	37,000	37,000	NA	2.20E+05	2.80E+05	2.80E+05	2.80E+05	1.50E+08	5.50E+06	NA
Pentachlorophenol	87865	NA	22	22	(G,X)	NLV	NLV	NLV	NLV	1.30E+08	3.20E+05	NA





**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Pentane	109660	NA	ID	ID	NA	1.80E+05	4.40E+07	3.40E+08	6.00E+08	5.30E+11	ID	2.40E+05
2-Pentene (I)	109682	NA	ID	ID	NA	ID	ID	ID	ID	ID	ID	2.20E+05
Perfluorooctanoic acid (DD)	335671	NA	NA	NA	10,000 (X)	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonic acid (DD)	1763231	NA	NA	NA	0.24 (X)	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	56,000	1.60E+05	2,100	5.10E+06	1.90E+05	1.90E+05	1.90E+05	2.90E+06	5.20E+06	NA
Phenol	108952	NA	88,000	2.60E+05	9,000	NLV	NLV	NLV	NLV	1.80E+10	2.3E+8 (C,DD)	1.20E+07
Phenytoin	57410	NA	830	3300	4300 (X)	NLV	NLV	NLV	NLV	2.80E+08	4.80E+05	NA
Phosphorus (Total)	7723140	NA	1.30E+06	4.80E+06	(EE)	NLV	NLV	NLV	NLV	2.90E+07	1.0E+9 (D)	NA
Phthalic acid	88993	NA	2.80E+05	8.00E+05	NA	NLV	NLV	NLV	NLV	ID	1.0E+9 (C,D)	1.70E+06
Phthalic anhydride	85449	NA	3.00E+05	8.80E+05	NA	NLV	NLV	NLV	NLV	ID	1.0E+9 (C,D)	1.10E+06
Picloram	1918021	NA	10,000	10,000	920	NLV	NLV	NLV	NLV	ID	5.10E+07	NA
Piperidine	110894	NA	64	180	NA	NLV	NLV	NLV	NLV	4.10E+09	3.20E+05	1.20E+08
Polybrominated biphenyls (J)	67774327	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	4,800	NA
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	1.60E+07	8.10E+05	2.80E+07	2.80E+07	6.50E+06	(T)	NA
Prometon	1610180	NA	4,900	14,000	NA	NLV	NLV	NLV	NLV	ID	1.60E+07	NA
Propachlor	1918167	NA	1,900	5,400	NA	NLV	NLV	NLV	NLV	ID	9.50E+06	NA
Propazine	139402	NA	4,000	11,000	NA	NLV	NLV	NLV	NLV	ID	2.00E+07	NA
Propionic acid	79094	NA	2.40E+05	7.00E+05	ID	NLV	NLV	NLV	NLV	8.80E+09	1.0E+9 (C,D)	1.10E+08
Propyl alcohol (I)	71238	NA	28,000	80,000	NA	NLV	NLV	NLV	NLV	2.10E+10	7.4E+7 (DD)	1.10E+08
n-Propylbenzene (I)	103651	NA	1,600	4,600	ID	ID	ID	ID	ID	5.90E+08	8.00E+06	1.00E+07
Propylene glycol	57556	NA	3.00E+06	8.40E+06	5.80E+06	NLV	NLV	NLV	NLV	1.80E+11	1.0E+9 (C,D)	1.10E+08
Pyrene	129000	NA	4.80E+05	4.80E+05	ID	1.0E+9 (D)	7.80E+08	7.80E+08	7.80E+08	2.90E+09	8.40E+07	NA
Pyridine (I)	110861	NA	400	420	NA	2,000	9,800	40,000	97,000	1.00E+08	7.3E+5 (C)	37,000
Selenium (B)	7782492	410	4,000	4,000	400	NLV	NLV	NLV	NLV	5.90E+07	9.60E+06	NA
Silver (B)	7440224	1,000	4,500	13,000	100 (M); 27	NLV	NLV	NLV	NLV	2.90E+06	9.00E+06	NA
Silvex (2,4,5-TP)	93721	NA	3,600	3,600	2,200	NLV	NLV	NLV	NLV	ID	5.50E+06	NA
Simazine	122349	NA	80	80	340	NLV	NLV	NLV	NLV	ID	3.80E+06	NA



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)				Contact	Csat
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
Sodium	17341252	NA	4.60E+06	7.00E+06	NA	NLV	NLV	NLV	NLV	ID	1.0E+9 (D)	NA
Sodium azide	26628228	NA	1,800	5,000	1,000	ID	ID	ID	ID	ID	8.70E+06	NA
Strontium (B)	7440246	NA	92,000	2.60E+05	4.20E+05	NLV	NLV	NLV	NLV	ID	1.0E+9 (D)	NA
Styrene	100425	NA	2,700	2,700	2,100 (X)	1.3E+6 (C)	3.30E+06	3.30E+06	4.20E+06	6.90E+09	1.9E+6 (C)	5.20E+05
Sulfate	14808798	NA	5.00E+06	5.00E+06	NA	NLV	NLV	NLV	NLV	ID	ID	NA
Tebuthiuron	34014181	NA	10,000	30,000	NA	NLV	NLV	NLV	NLV	ID	2.7E+7 (DD)	NA
2,3,7,8-Tetrabromodibenzo-p-dioxin (O)	50585416	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	(O)	(O)	NA
1,2,4,5-Tetrachlorobenzene	95943	NA	1.50E+06	1.50E+06	3,400 (X)	1.10E+06	2.70E+05	2.70E+05	2.70E+05	2.90E+07	2.50E+08	NA
2,3,7,8-Tetrachlorodibenzo-p-dioxin (O)	1746016	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	59 (O)	0.99 (O)	NA
1,1,1,2-Tetrachloroethane	630206	NA	1,500	6,400	ID	33,000	1.20E+05	2.10E+05	3.30E+05	5.30E+08	2.2E+6 (C)	4.40E+05
1,1,2,2-Tetrachloroethane	79345	NA	170	700	1,600 (X)	23,000	34,000	34,000	34,000	6.80E+07	2.40E+05	8.70E+05
Tetrachloroethylene	127184	NA	100	100	1,200 (X)	21,000	2.10E+05	4.90E+05	1.10E+06	1.20E+09	9.3E+5 (C)	88,000
Tetrahydrofuran	109999	NA	1,900	5,400	2.2E+5 (X)	2.40E+06	1.50E+07	6.70E+07	1.60E+08	1.70E+11	9.50E+06	1.20E+08
Tetranitromethane	509148	NA	ID	ID	NA	600	500 (M); 180	ID	ID	2.60E+05	ID	ID
Thallium (B)	7440280	NA	2,300	2,300	4,200 (X)	NLV	NLV	NLV	NLV	5.90E+06	1.30E+05	NA
Toluene (I)	108883	NA	16,000	16,000	5,400	6.1E+5 (C)	3.30E+06	3.60E+07	3.60E+07	1.20E+10	1.6E+8 (C)	2.50E+05
p-Toluidine	106490	NA	660 (M); 300	1,200	NA	NLV	NLV	NLV	NLV	1.30E+08	4.30E+05	1.20E+06
Toxaphene	8001352	NA	24,000	24,000	8,200	NLV	NLV	NLV	NLV	1.20E+07	85,000	NA
Triallate	2303175	NA	95,000	2.7E+5 (C)	NA	ID	ID	ID	ID	ID	9.5E+6 (C)	2.50E+05
Tributylamine	102829	NA	7,800	23,000	ID	1.10E+06	7.20E+05	7.20E+05	7.20E+05	2.10E+08	2.60E+06	3.70E+06
1,2,4-Trichlorobenzene	120821	NA	4,200	4,200	5,900 (X)	1.8E+7 (C)	3.40E+07	3.40E+07	3.40E+07	1.10E+10	5.8E+6 (C,DD)	1.10E+06
1,1,1-Trichloroethane	71556	NA	4,000	4,000	1,800	4.60E+05	4.50E+06	1.50E+07	3.10E+07	2.90E+10	1.0E+9 (C,D)	4.60E+05
1,1,2-Trichloroethane	79005	NA	100	100	6,600 (X)	24,000	57,000	57,000	1.20E+05	2.50E+08	8.40E+05	9.20E+05
Trichloroethylene	79016	NA	100	100	4,000 (X)	1,900	14,000	25,000	58,000	5.90E+07	6.6E+5 (C,DD)	5.00E+05
Trichlorofluoromethane	75694	NA	52,000	1.50E+05	NA	5.1E+6(C)	1.10E+08	1.40E+11	1.40E+11	1.70E+12	2.6E+8 (C)	5.60E+05
2,4,5-Trichlorophenol	95954	NA	39,000	1.10E+05	NA	NLV	NLV	NLV	NLV	1.00E+10	7.30E+07	NA
2,4,6-Trichlorophenol	88062	NA	2,400	9,400	330 (M); 100	NLV	NLV	NLV	NLV	1.30E+09	3.30E+06	NA



**TABLE 3. SOIL: NONRESIDENTIAL**  
**PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS/PART 213 RISK-BASED SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per kilogram (ug/kg). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. When the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion (§324.20120a(10)). In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based value.

Hazardous Substance	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y) (C)			Contact	Csat	
			Residential Drinking Water Protection Criteria	Nonresidential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels
1,2,3-Trichloropropane	96184	NA	840	2,400	NA	7,500	11,000	11,000	12,000	8.80E+06	4.2E+6 (C)	8.30E+05
1,1,2-Trichloro-1,2,2-trifluoroethane	76131	NA	9.0E+6 (C)	9.0E+6 (C)	1,700	9.3E+6 (C)	2.10E+08	8.90E+08	2.10E+09	2.30E+12	1.0E+9 (C,D)	5.50E+05
Triethanolamine	102716	NA	74,000	2.00E+05	NA	NLV	NLV	NLV	NLV	1.50E+09	3.6E+8 (C)	1.10E+08
Triethylene glycol	112276	NA	86,000	2.4E+5 (C)	NA	NLV	NLV	NLV	NLV	ID	2.3E+8 (C,DD)	1.10E+05
3-Trifluoromethyl-4-nitrophenol	88302	NA	1.10E+05	3.10E+05	NA	NLV	NLV	NLV	NLV	ID	2.4E+8 (DD)	NA
Trifluralin	1582098	NA	1.90E+05	5.70E+05	NA	ID	ID	ID	ID	ID	5.70E+06	NA
2,2,4-Trimethyl pentane	540841	NA	ID	ID	NA	2.0E+5 (C)	6.30E+06	4.00E+07	9.60E+07	1.00E+11	ID	19,000
2,4,4-Trimethyl-2-pentene (I)	107404	NA	ID	ID	NA	ID	ID	ID	ID	ID	ID	56,000
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	2,100	570	8.0E+6 (C)	2.50E+07	6.00E+08	6.00E+08	3.60E+10	1.0E+8 (C)	1.10E+05
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,800	1,100	4.8E+6 (C)	1.90E+07	4.60E+08	4.60E+08	3.60E+10	1.0E+8 (C)	94,000
Triphenyl phosphate	115866	NA	1.5E+6 (C)	1.8E+6 (C)	NA	NLV	NLV	NLV	NLV	ID	1.2E+8 (C)	1.10E+05
tris(2,3-Dibromopropyl)phosphate	126727	NA	930	930	ID	4.3E+5 (C)	60,000	60,000	60,000	7.40E+06	20,000	27,000
Urea	57136	NA	ID	ID	NA	NLV	NLV	NLV	NLV	ID	ID	NA
Vanadium	7440622	NA	72,000	9.90E+05	4.30E+05	NLV	NLV	NLV	NLV	ID	5.5E+6 (DD)	NA
Vinyl acetate (I)	108054	NA	13,000	36,000	NA	1.50E+06	2.00E+06	2.70E+06	5.90E+06	5.90E+09	3.4E+7 (C,DD)	2.40E+06
Vinyl chloride	75014	NA	40	40	260 (X)	2,800	29,000	1.70E+05	4.20E+05	8.90E+08	34,000	4.90E+05
White phosphorus (R)	12185103	NA	2.2	6	NA	NLV	NLV	NLV	NLV	ID	17,000 (DD)	NA
Xylenes (I)	1330207	NA	5,600	5,600	980	1.2E+7 (C)	5.40E+07	6.50E+07	1.30E+08	1.30E+11	1.0E+9 (C,D)	1.50E+05
Zinc (B)	7440666	47,000	2.40E+06	5.00E+06	(G)	NLV	NLV	NLV	NLV	ID	6.30E+08	NA