EGLE

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Acenaphthene	83,329	1300	3,800	38	4,200 (S)	4,200 (S)	4,240	ID
Acenaphthylene	208,968	52	150	ID	3,900 (S)	3,900 (S)	3,930	ID
Acetaldehyde (I)	75,070	950	2,700	130	1.10E+06	2.30E+06	1.00E+09	8.90E+06
Acetate	71,501	4,200	12,000	(G)	ID	ID	ID	ID
Acetic acid	64,197	4,200	12,000	(G)	NLV	NLV	6.00E+09	1.0E+9 (D)
Acetone (I)	67,641	730	2,100	1,700	1.0E+9 (D,S)	1.0E+9 (D,S)	1.00E+09	1.50E+07
Acetonitrile	75,058	140	400	13,000 (X)	2.40E+07	4.50E+07	2.00E+08	2.10E+07
Acetophenone	98,862	1,500	4,400	ID	6.1E+6 (S)	6.1E+6 (S)	6.10E+06	ID
Acrolein (I)	107,028	120	330	NA	2,100	4,200	2.10E+08	6.70E+06
Acrylamide	79,061	0.5 (A)	0.5 (A)	10 (X)	NLV	NLV	2.20E+09	NA
Acrylic acid	79,107	3,900	11,000	NA	1.20E+07	2.80E+07	1.00E+09	1.0E+9 (D)
Acrylonitrile (I)	107,131	3	11	2.0 (M); 1.2	34,000	1.90E+05	7.50E+07	6.40E+06
Alachlor	15,972,608	2.0 (A)	2.0 (A)	11 (X)	NLV	NLV	1.83E+05	ID
Aldicarb	116,063	3.0 (A)	3.0 (A)	NA	NLV	NLV	6.00E+06	ID
Aldicarb sulfone	1,646,884	2.0 (A)	2.0 (A)	NA	NLV	NLV	7.80E+06	ID
Aldicarb sulfoxide	1,646,873	4.0 (A)	4.0 (A)	NA	NLV	NLV	2.80E+07	ID
Aldrin	309,002	0.098	0.4	0.01 (M); 8.7E-6	180 (S)	180 (S)	180	ID
Aluminum (B)	7,429,905	50 (V)	50 (V)	NA	NLV	NLV	NA	ID
Ammonia	7,664,417	10,000 (N)	10,000 (N)	(CC)	3.20E+06	7.10E+06	5.30E+08	ID
t-Amyl methyl ether (TAME)	994,058	190 (E)	190 (E)	NA	2.60E+05	5.70E+05	2.64E+06	NA
Aniline	62,533	53	220	4.0 (M); 3.0	NLV	NLV	3.60E+07	NA
Anthracene	120,127	43 (S)	43 (S)	ID	43 (S)	43 (S)	43.4	ID
Antimony	7,440,360	6.0 (A)	6.0 (A)	130 (X)	NLV	NLV	NA	ID
Arsenic	7,440,382	10 (A)	10 (A)	10	NLV	NLV	NA	ID
Asbestos (BB)	1,332,214	7.0 MFL (A)	7.0 MFL (A)	NA	NLV	NLV	NA	NA
Atrazine	1,912,249	3.0 (A)	3.0 (A)	7.3	NLV	NLV	70,000	ID
Azobenzene	103,333	23	94	ID	6,400 (S)	6,400 (S)	6,400	ID

EGLE

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Barium (B)	7,440,393	2,000 (A)	2,000 (A)	(G)	NLV	NLV	NA	ID
Benzene (I)	71,432	5.0 (A)	5.0 (A)	200 (X)	5,600	35,000	1.75E+06	68,000
Benzidine	92,875	0.3 (M); 0.0037	0.3 (M); 0.015	0.3 (M); 0.073	NLV	NLV	5.20E+05	ID
Benzo(a)anthracene (Q)	56,553	2.1	8.5	ID	NLV	NLV	9.4	ID
Benzo(b)fluoranthene (Q)	205,992	1.5 (S,AA)	1.5 (S,AA)	ID	ID	ID	1.5	ID
Benzo(k)fluoranthene (Q)	207,089	1.0 (M); 0.8 (S)	1.0 (M); 0.8 (S)	NA	NLV	NLV	0.8	ID
Benzo(g,h,i)perylene	191,242	1.0 (M); 0.26 (S)	1.0 (M); 0.26 (S)	ID	NLV	NLV	0.26	ID
Benzo(a)pyrene (Q)	50,328	5.0 (A)	5.0 (A)	ID	NLV	NLV	1.62	ID
Benzoic acid	65,850	32,000	92,000	NA	NLV	NLV	3.50E+06	ID
Benzyl alcohol	100,516	10,000	29,000	NA	NLV	NLV	4.40E+07	ID
Benzyl chloride	100,447	7.7	32	NA	12,000	77,000	4.90E+05	NA
Beryllium	7,440,417	4.0 (A)	4.0 (A)	(G)	NLV	NLV	NA	ID
bis(2-Chloroethoxy)ethane	112,265	ID	ID	ID	NLV	NLV	1.89E+07	ID
bis(2-Chloroethyl)ether (I)	111,444	2	8.3	1.0 (M); 0.79	38,000	2.10E+05	1.72E+07	1.7E+7 (S)
bis(2-Ethylhexyl)phthalate	117,817	6.0 (A)	6.0 (A)	14	NLV	NLV	340	NA
Boron (B)	7,440,428	500 (F)	500 (F)	7,200 (X)	NLV	NLV	NA	ID
Bromate	15,541,454	10 (A)	10 (A)	40 (X)	NLV	NLV	38,000	ID
Bromobenzene (I)	108,861	18	50	NA	1.80E+05	3.90E+05	4.13E+05	ID
Bromodichloromethane	75,274	80 (A,W)	80 (A,W)	ID	4,800	37,000	6.74E+06	ID
Bromoform	75,252	80 (A,W)	80 (A,W)	ID	4.70E+05	3.1E+6 (S)	3.10E+06	ID
Bromomethane	74,839	10	29	5.0 (M); 4.2	4,000	9,000	1.45E+07	ID
n-Butanol (I)	71,363	950	2,700	9,800 (X)	NLV	NLV	7.40E+07	4.70E+07
2-Butanone (MEK) (I)	78,933	13,000	38,000	2,200	2.4E+8 (S)	2.4E+8 (S)	2.40E+08	ID
n-Butyl acetate	123,864	550	1,600	NA	6.7E+6 (S)	6.7E+6 (S)	6.70E+06	2.50E+06
t-Butyl alcohol	75,650	3,900	11,000	NA	1.0E+9 (D,S)	1.0E+9 (D,S)	1.00E+09	6.10E+07
Butyl benzyl phthalate	85,687	1,200	2,700 (S)	67 (X)	NLV	NLV	2,690	ID
n-Butylbenzene	104,518	80	230	ID	ID	ID	NA	ID

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
sec-Butylbenzene	135,988	80	230	ID	ID	ID	NA	ID
t-Butylbenzene (I)	98,066	80	230	ID	ID	ID	NA	ID
Cadmium (B)	7,440,439	5.0 (A)	5.0 (A)	(G,X)	NLV	NLV	NA	ID
Camphene (I)	79,925	ID	ID	NA	440	1,000	33,400	ID
Caprolactam	105,602	5,800	17,000	NA	NLV	NLV	5.25E+09	NA
Carbaryl	63,252	700	2,000	ID	ID	ID	1.26E+05	ID
Carbazole	86,748	85	350	10 (M); 4.0	NLV	NLV	7,480	ID
Carbofuran	1,563,662	40 (A)	40 (A)	NA	NLV	NLV	7.00E+05	ID
Carbon disulfide (I,R)	75,150	800	2,300	ID	2.50E+05	5.50E+05	1.19E+06	13,000
Carbon tetrachloride	56,235	5.0 (A)	5.0 (A)	38 (X)	370	2,400	7.93E+05	ID
Chlordane (J)	57,749	2.0 (A)	2.0 (A)	2.0 (M);0.00025	56 (S)	56 (S)	56	ID
Chloride	16,887,006	2.5E+5 (E)	2.5E+5 (E)	(FF)	NLV	NLV	NA	ID
Chlorobenzene (I)	108,907	100 (A)	100 (A)	25	2.10E+05	4.7E+5 (S)	4.72E+05	1.60E+05
p-Chlorobenzene sulfonic acid	98,668	7,300	21,000	ID	ID	ID	NA	ID
1-Chloro-1,1-difluoroethane	75,683	15,000	44,000	NA	3.9E+6 (S)	3.9E+6 (S)	3.90E+06	NA
Chloroethane	75,003	430	1,700	1,100 (X)	5.7E+6 (S)	5.7E+6 (S)	5.74E+06	1.10E+05
2-Chloroethyl vinyl ether	110,758	ID	ID	NA	ID	ID	1.50E+07	ID
Chloroform	67,663	80 (A,W)	80 (A,W)	350	28,000	1.80E+05	7.92E+06	ID
Chloromethane (I)	74,873	260	1,100	ID	8,600	45,000	6.34E+06	36,000
4-Chloro-3-methylphenol	59,507	150	420	7.4	NLV	NLV	3.90E+06	ID
beta-Chloronaphthalene	91,587	1,800	5,200	NA	ID	ID	6,740	ID
2-Chlorophenol	95,578	45	130	18	4.90E+05	1.10E+06	2.20E+07	ID
o-Chlorotoluene (I)	95,498	150	420	ID	2.20E+05	3.7E+5 (S)	3.73E+05	ID
Chlorpyrifos	2,921,882	22	63	2.0 (M); 0.002	2.9	6.6	1,120	ID
Chromium (III) (B,H)	16,065,831	100 (A)	100 (A)	(G,X)	NLV	NLV	NA	ID
Chromium (VI)	18,540,299	100 (A)	100 (A)	11	NLV	NLV	NA	ID
Chrysene (Q)	218,019	1.6 (S)	1.6 (S)	ID	ID	ID	1.6	ID

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Cobalt	7,440,484	40	100	100	NLV	NLV	NA	ID
Copper (B)	7,440,508	1,000 (E)	1,000 (E)	(G)	NLV	NLV	NA	ID
Cyanazine	21,725,462	2.3	9.4	56 (X)	NLV	NLV	1.70E+05	ID
Cyanide (P,R)	57,125	200 (A)	200 (A)	5.2	NLV	NLV	NA	ID
Cyclohexanone	108,941	33,000	94,000	NA	1,500	3,300	2.30E+07	NA
Dacthal	1,861,321	73	210	NA	NLV	NLV	500	ID
Dalapon	75,990	200 (A)	200 (A)	NA	NLV	NLV	5.02E+08	ID
4-4'-DDD	72,548	9.1	37	NA	NLV	NLV	90	ID
4-4'-DDE	72,559	4.3	15	NA	NLV	NLV	120	ID
4-4'-DDT	50,293	3.6	10	0.02 (M); 1.1E-5	NLV	NLV	25	NA
Decabromodiphenyl ether	1,163,195	30 (S)	30 (S)	NA	30 (S)	30 (S)	30	ID
Di-n-butyl phthalate	84,742	880	2,500	9.7	NLV	NLV	11,200	NA
Di(2-ethylhexyl) adipate	103,231	400 (A)	400 (A)	ID	NLV	NLV	471	ID
Di-n-octyl phthalate	117,840	130	380	ID	NLV	NLV	3,000	ID
Diacetone alcohol (I)	123,422	ID	ID	NA	NLV	NLV	1.00E+09	1.0E+9 (S)
Diazinon	333,415	1.3	3.8	1.0 (M); 0.004	NLV	NLV	68,800	NA
Dibenzo(a,h)anthracene (Q)	53,703	2.0 (M); 0.21	2.0 (M); 0.85	ID	NLV	NLV	2.49	ID
Dibenzofuran	132,649	ID	ID	4	10,000 (S)	10,000 (S)	10,000	ID
Dibromochloromethane	124,481	80 (A,W)	80 (A,W)	ID	14,000	1.10E+05	2.60E+06	ID
Dibromochloropropane	96,128	0.2 (A)	0.2 (A)	ID	220	1,200 (S)	1,230	NA
Dibromomethane	74,953	80	230	NA	ID	ID	1.10E+07	ID
Dicamba	1,918,009	220	630	NA	NLV	NLV	4.50E+06	ID
1,2-Dichlorobenzene	95,501	600 (A)	600 (A)	13	1.6E+5 (S)	1.6E+5 (S)	1.56E+05	NA
1,3-Dichlorobenzene	541,731	6.6	19	28	18,000	41,000	1.11E+05	ID
1,4-Dichlorobenzene	106,467	75 (A)	75 (A)	17	16,000	74,000 (S)	73,800	NA
3,3'-Dichlorobenzidine	91,941	1.1	4.3	0.3 (M); 0.2	NLV	NLV	3,110	ID
Dichlorodifluoromethane	75,718	1,700	4,800	ID	2.20E+05	3.0E+5 (S)	3.00E+05	ID

EGLE

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
1,1-Dichloroethane	75,343	880	2,500	740	1.00E+06	2.30E+06	5.06E+06	3.80E+05
1,2-Dichloroethane (I)	107,062	5.0 (A)	5.0 (A)	360 (X)	9,600	59,000	8.52E+06	2.50E+06
1,1-Dichloroethylene (I)	75,354	7.0 (A)	7.0 (A)	130	200	1,300	2.25E+06	97,000
cis-1,2-Dichloroethylene	156,592	70 (A)	70 (A)	620	93,000	2.10E+05	3.50E+06	5.30E+05
trans-1,2-Dichloroethylene	156,605	100 (A)	100 (A)	1,500 (X)	85,000	2.00E+05	6.30E+06	2.30E+05
2,6-Dichloro-4-nitroaniline	99,309	2,200	6,300	NA	NLV	NLV	7,000	ID
2,4-Dichlorophenol	120,832	73	210	11	NLV	NLV	4.50E+06	ID
2,4-Dichlorophenoxyacetic acid	94,757	70 (A)	70 (A)	220	NLV	NLV	6.80E+05	ID
1,2-Dichloropropane (I)	78,875	5.0 (A)	5.0 (A)	230 (X)	16,000	36,000	2.80E+06	5.50E+05
1,3-Dichloropropene	542,756	8.5	35	9.0 (X)	3,900	26,000	2.80E+06	1.30E+05
Dichlorovos	62,737	1.6	6.7	ID	NLV	NLV	1.60E+07	NA
Dicyclohexyl phthalate	84,617	ID	ID	NA	ID	ID	4,000	ID
Dieldrin	60,571	0.11	0.43	0.02 (M); 6.5E-6	200 (S)	200 (S)	195	ID
Diethyl ether	60,297	10 (E)	10 (E)	ID	6.1E+7 (S)	6.1E+7 (S)	6.10E+07	6.50E+05
Diethyl phthalate	84,662	5,500	16,000	110	NLV	NLV	1.08E+06	NA
Diethylene glycol monobutyl ether	112,345	88	250	NA	NLV	NLV	1.00E+09	ID
Diisopropyl ether	108,203	30	86	ID	8,000 (S)	8,000 (S)	8,041	8,000 (S)
Diisopropylamine (I)	108,189	5.6	16	NA	2.10E+07	3.7E+7 (S)	3.69E+07	4.60E+06
Dimethyl phthalate	131,113	73,000	2.10E+05	NA	NLV	NLV	4.19E+06	NA
N,N-Dimethylacetamide	127,195	180	520	4,100 (X)	NLV	NLV	1.00E+09	NA
N,N-Dimethylaniline	121,697	16	46	NA	2.40E+05	1.3E+6 (S)	1.27E+06	NA
Dimethylformamide (I)	68,122	700	2,000	NA	NLV	NLV	1.00E+09	ID
2,4-Dimethylphenol	105,679	370	1,000	380	NLV	NLV	7.87E+06	ID
2,6-Dimethylphenol	576,261	4.4	13	NA	NLV	NLV	6.14E+06	ID
3,4-Dimethylphenol	95,658	10	29	25	NLV	NLV	4.93E+06	ID
Dimethylsulfoxide	67,685	2.20E+05	6.30E+05	1.90E+05	NLV	NLV	1.66E+08	ID
2,4-Dinitrotoluene	121,142	7.7	32	NA	NLV	NLV	2.70E+05	ID

EGLE

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Dinoseb	88,857	7.0 (A)	7.0 (A)	1.0 (M); 0.48	NLV	NLV	52,000	ID
1,4-Dioxane (I)	123,911	7.2 (II)	350	280 (X)	NLV	NLV	9.00E+08	1.40E+08
Diquat	85,007	20 (A)	20 (A)	20 (M); 6.0	NLV	NLV	7.00E+05	ID
Dissolved oxygen (DO)	NA	ID	ID	(EE)	ID	ID	NA	NA
Diuron	330,541	31	90	NA	NLV	NLV	37,300	ID
Endosulfan (J)	115,297	44	130	0.03 (M); 0.029	ID	ID	510	ID
Endothall	145,733	100 (A)	100 (A)	NA	NLV	NLV	1.00E+08	ID
Endrin	72,208	2.0 (A)	2.0 (A)	ID	NLV	NLV	250	ID
Epichlorohydrin (I)	106,898	5.0 (M); 2.0 (A)	5.0 (M); 2.0 (A)	NA	3.20E+05	6.30E+05	6.60E+07	4.70E+07
Ethanol (I)	64,175	1.90E+06	3.80E+06	ID	NLV	NLV	1.00E+09	9.70E+07
Ethyl acetate (I)	141,786	6,600	19,000	NA	6.4E+7 (S)	6.4E+7 (S)	6.40E+07	4.20E+06
Ethyl-tert-butyl ether (ETBE)	637,923	49 (E)	49 (E)	ID	2.90E+06	5.6E+6 (S)	5.63E+06	ID
Ethylbenzene (I)	100,414	74 (E)	74 (E)	18	1.10E+05	1.7E+5 (S)	1.69E+05	43,000
Ethylene dibromide	106,934	0.05 (A)	0.05 (A)	5.7 (X)	2,400	15,000	4.20E+06	ID
Ethylene glycol	107,211	15,000	42,000	1.9E+5 (X)	NLV	NLV	1.00E+09	NA
Ethylene glycol monobutyl ether	111,762	3,700	10,000	NA	2.90E+06	6.50E+06	2.24E+08	NA
Fluoranthene	206,440	210 (S)	210 (S)	1.6	210 (S)	210 (S)	206	ID
Fluorene	86,737	880	2,000 (S)	12	2,000 (S)	2,000 (S)	1,980	ID
Fluorine (soluble fluoride) (B)	7,782,414	2,000 (E)	2,000 (E)	ID	NLV	NLV	NA	ID
Formaldehyde	50,000	1,300	3,800	180	63,000	3.60E+05	5.50E+08	ID
Formic acid (I,U)	64,186	10,000	29,000	ID	7.70E+06	1.50E+07	1.00E+09	1.0E+9 (D)
1-Formylpiperidine	2,591,868	80	230	NA	ID	ID	NA	ID
Gentian violet	548,629	15	63	NA	NLV	NLV	1.00E+06	ID
Glyphosate	1,071,836	700 (A)	700 (A)	NA	NLV	NLV	1.16E+07	ID
Heptachlor	76,448	0.4 (A)	0.4 (A)	0.01 (M); 0.0018	180 (S)	180 (S)	180	ID
Heptachlor epoxide	1,024,573	0.2 (A)	0.2 (A)	ID	NLV	NLV	200	ID
n-Heptane	142,825	2,700 (S)	2,700 (S)	NA	2,700 (S)	2,700 (S)	2,690	200

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Hexabromobenzene	87,821	0.17 (S); 20	0.17 (S); 58	ID	ID	ID	0.17	ID
Hexachlorobenzene (C-66)	118,741	1.0 (A)	1.0 (A)	0.2 (M); 0.0003	440	3,000	6,200	ID
Hexachlorobutadiene (C-46)	87,683	15	42	0.053	1,600	3,200 (S)	3,230	ID
alpha-Hexachlorocyclohexane	319,846	0.43	1.7	ID	2,000 (S)	2,000 (S)	2,000	ID
beta-Hexachlorocyclohexane	319,857	0.88	3.6	ID	NLV	NLV	240	ID
Hexachlorocyclopentadiene (C-56)	77,474	50 (A)	50 (A)	ID	130	420	1,800	ID
Hexachloroethane	67,721	7.3	21	6.7 (X)	27,000	50,000 (S)	50,000	ID
Hexafluoropropylene oxide dimer acid	13,252,136	0.37 (A)	0.37 (A)	NA	ID	ID	NA	NA
n-Hexane	110,543	3,000	8,600	NA	12,000 (S)	12,000 (S)	12,000	12,000 (S)
2-Hexanone	591,786	1,000	2,900	ID	4.20E+06	8.70E+06	1.60E+07	NA
Indeno(1,2,3-cd)pyrene (Q)	193,395	2.0 (M); 0.022 (S)	2.0 (M); 0.022 (S)	ID	NLV	NLV	0.022	ID
Iron (B)	7,439,896	300 (E)	300 (E)	NA	NLV	NLV	NA	ID
Isobutyl alcohol (I)	78,831	2,300	6,700	NA	7.6E+7 (S)	7.6E+7 (S)	7.60E+07	ID
Isophorone	78,591	770	3,100	1,300 (X)	NLV	NLV	1.20E+07	ID
Isopropyl alcohol (I)	67,630	470	1,300	57,000 (X)	NLV	NLV	1.00E+09	6.00E+07
Isopropyl benzene	98,828	800	2,300	28	56,000 (S)	56,000 (S)	56,000	29,000
Lead (B)	7,439,921	4.0 (L)	4.0 (L)	(G,X)	NLV	NLV	NA	ID
Lindane	58,899	0.2 (A)	0.2 (A)	0.03 (M); 0.026	ID	ID	6,800	ID
Lithium (B)	7,439,932	170	350	440	NLV	NLV	NA	ID
Magnesium (B)	7,439,954	4.00E+05	1.10E+06	NA	NLV	NLV	NA	ID
Manganese (B)	7,439,965	50 (E)	50 (E)	(G,X)	NLV	NLV	NA	ID
Mercury (Total) (B,Z)	Varies	2.0 (A)	2.0 (A)	0.0013	56 (S)	56 (S)	56	ID
Methane	74,828	ID	ID	NA	(K)	(K)	NA	(AA)
Methanol	67,561	3,700	10,000	5.9E+5 (X)	2.9E+7 (S)	2.9E+7 (S)	2.90E+07	4.50E+06
Methoxychlor	72,435	40 (A)	40 (A)	NA	ID	ID	45	ID
2-Methoxyethanol (I)	109,864	7.3	21	NA	NLV	NLV	1.00E+09	ID
2-Methyl-4-chlorophenoxyacetic acid	94,746	7.3	21	NA	NLV	NLV	9.24E+05	ID

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
2-Methyl-4,6-dinitrophenol	534,521	20 (M); 2.6	20 (M); 7.3	NA	NLV	NLV	2.00E+05	ID
N-Methyl-morpholine (I)	109,024	20	56	NA	NLV	NLV	1.00E+09	ID
Methyl parathion	298,000	1.8	5.2	NA	NLV	NLV	50,000	ID
4-Methyl-2-pentanone (MIBK) (I)	108,101	1,800	5,200	ID	2.0E+7 (S)	2.0E+7 (S)	2.00E+07	ID
Methyl-tert-butyl ether (MTBE)	1,634,044	40 (E)	40 (E)	7,100 (X)	4.7E+7 (S)	4.7E+7 (S)	4.68E+07	ID
Methylcyclopentane (I)	96,377	ID	ID	NA	22,000	49,000	73,890	ID
4,4'-Methylene-bis-2- chloroaniline	101,144	1.1	4.5	NA	NLV	NLV	14,000	ID
Methylene chloride	75,092	5.0 (A)	5.0 (A)	1,500 (X)	2.20E+05	1.40E+06	1.70E+07	ID
2-Methylnaphthalene	91,576	260	750	19	25,000 (S)	25,000 (S)	24,600	ID
Methylphenols (J)	1,319,773	370	1,000	30 (M); 25	NLV	NLV	2.80E+07	NA
Metolachlor	51,218,452	240	990	15	NLV	NLV	5.30E+05	ID
Metribuzin	21,087,649	180	520	NA	ID	ID	1.20E+06	ID
Mirex	2,385,855	0.02 (M); 6.8E-6 (S)	0.02 (M); 6.8E-6 (S)	0.02 (M); 6.8E-6 (S)	ID	ID	6.80E-06	NA
Molybdenum (B)	7,439,987	73	210	3,200 (X)	NLV	NLV	NA	ID
Naphthalene	91,203	520	1,500	11	31,000 (S)	31,000 (S)	31,000	NA
Nickel (B)	7,440,020	100 (A)	100 (A)	(G)	NLV	NLV	NA	ID
Nitrate (B,N)	14,797,558	10,000 (A,N)	10,000 (A,N)	ID	NLV	NLV	NA	ID
Nitrite (B,N)	14,797,650	1,000 (A,N)	1,000 (A,N)	NA	NLV	NLV	NA	ID
Nitrobenzene (I)	98,953	3.4	9.6	180 (X)	2.80E+05	5.50E+05	2.09E+06	NA
2-Nitrophenol	88,755	20	58	ID	NLV	NLV	2.50E+06	ID
n-Nitroso-di-n-propylamine	621,647	5.0 (M); 0.19	5.0 (M); 0.77	NA	NLV	NLV	9.89E+06	ID
N-Nitrosodiphenylamine	86,306	270	1,100	NA	NLV	NLV	35,100	ID
Oxamyl	23,135,220	200 (A)	200 (A)	NA	NLV	NLV	2.80E+08	ID
Oxo-hexyl acetate	88,230,357	73	210	NA	ID	ID	NA	ID
Pendimethalin	40,487,421	280 (S)	280 (S)	NA	NLV	NLV	275	ID
Pentachlorobenzene	608,935	6.1	17	5.0 (M); 0.019	ID	ID	650	ID
Pentachloronitrobenzene	82,688	32 (S)	32 (S)	NA	32 (S)	32 (S)	32	ID

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Pentachlorophenol	87,865	1.0 (A)	1.0 (A)	(G,X)	NLV	NLV	1.85E+06	ID
Pentane	109,660	ID	ID	NA	38,000 (S)	38,000 (S)	38,200	340
2-Pentene (I)	109,682	ID	ID	NA	ID	ID	2.03E+05	ID
Perfluorobutane sulfonic acid	375,735	0.42 (A)	0.42 (A)	670 (X)	ID	ID	NA	NA
Perfluorohexane sulfonic acid	355,464	0.051 (A)	0.051 (A)	0.21 (X)	ID	ID	NA	NA
Perfluorohexanoic acid	307,244	400 (A)	400 (A)	NA	ID	ID	NA	NA
Perfluorononanoic acid	375,951	0.006 (A)	0.006 (A)	0.03 (X)	ID	ID	NA	NA
Perfluorooctanoic acid (DD)	335,671	0.008 (A)	0.008 (A)	0.17 (X)	ID	ID	9.50E+06	NA
Perfluorooctane sulfonic acid (DD)	1,763,231	0.016 (A)	0.016 (A)	0.012 (X)	NLV	NLV	3.1	NA
pH	NA	6.5 to 8.5 (E)	6.5 to 8.5 (E)	6.5 to 9.0	ID	ID	NA	NA
Phenanthrene	85,018	52	150	2.0 (M); 1.7	1,000 (S)	1,000 (S)	1,000	ID
Phenol	108,952	4,400	13,000	450	NLV	NLV	8.28E+07	NA
Phenytoin	57,410	17	68	89 (X)	NLV	NLV	32,000	ID
Phosphorus (Total)	7,723,140	63,000	2.40E+05	(EE)	NLV	NLV	NA	ID
Phthalic acid	88,993	14,000	40,000	NA	NLV	NLV	1.42E+07	ID
Phthalic anhydride	85,449	15,000	44,000	NA	NLV	NLV	6.20E+06	NA
Picloram	1,918,021	500 (A)	500 (A)	46	NLV	NLV	4.30E+05	ID
Piperidine	110,894	3.2	9.2	NA	NLV	NLV	1.00E+09	ID
Polybrominated biphenyls (J)	67,774,327	0.03	0.09	ID	NLV	NLV	1.66E+07	ID
Polychlorinated biphenyls (PCBs) (J,T)	1,336,363	0.5 (A)	0.5 (A)	0.2 (M); 2.6E-5	45 (S)	45 (S)	44.7	ID
Prometon	1,610,180	160	460	NA	NLV	NLV	7.50E+05	ID
Propachlor	1,918,167	95	270	NA	NLV	NLV	6.55E+05	ID
Propazine	139,402	200	560	NA	NLV	NLV	8,600	ID
Propionic acid	79,094	12,000	35,000	ID	NLV	NLV	1.00E+09	1.0E+9 (D)
Propyl alcohol (I)	71,238	1,400	4,000	NA	NLV	NLV	1.00E+09	7.10E+07
n-Propylbenzene (I)	103,651	80	230	ID	ID	ID	NA	ID
Propylene glycol	57,556	1.50E+05	4.20E+05	2.90E+05	NLV	NLV	1.00E+09	ID

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
Pyrene	129,000	140 (S)	140 (S)	ID	140 (S)	140 (S)	135	ID
Pyridine (I)	110,861	20 (M); 7.3	21	NA	5,500	12,000	3.00E+05	81,000
Selenium (B)	7,782,492	50 (A)	50 (A)	5	NLV	NLV	NA	ID
Silver (B)	7,440,224	34	98	0.2 (M); 0.06	NLV	NLV	NA	ID
Silvex (2,4,5-TP)	93,721	50 (A)	50 (A)	30	NLV	NLV	1.40E+05	ID
Simazine	122,349	4.0 (A)	4.0 (A)	17	NLV	NLV	4,470	ID
Sodium	17,341,252	2.3E+5(HH)	3.50E+05	NA	NLV	NLV	NA	ID
Sodium azide	26,628,228	88	250	50 (M); 7.3	ID	ID	NA	ID
Strontium (B)	7,440,246	4,600	13,000	21,000	NLV	NLV	NA	ID
Styrene	100,425	100 (A)	100 (A)	80 (X)	1.70E+05	3.1E+5 (S)	3.10E+05	1.40E+05
Sulfate	14,808,798	2.5E+5 (E)	2.5E+5 (E)	NA	NLV	NLV	NA	ID
Tebuthiuron	34,014,181	510	1,500	NA	NLV	NLV	2.50E+06	ID
2,3,7,8-Tetrabromodibenzo-p-dioxin (O)	50,585,416	(O)	(O)	(O)	NLV	NLV	0.00996	ID
1,2,4,5-Tetrachlorobenzene	95,943	1,300 (S)	1,300 (S)	2.9 (X)	1,300 (S)	1,300 (S)	1,300	ID
2,3,7,8-Tetrachlorodibenzo-p-dioxin (O)	1,746,016	3.0E-5 (A)	3.0E-5 (A)	1.0E-5 (M); 3.1E-9	NLV	NLV	0.019	ID
1,1,1,2-Tetrachloroethane	630,206	77	320	ID	15,000	96,000	1.10E+06	ID
1,1,2,2-Tetrachloroethane	79,345	8.5	35	78 (X)	12,000	77,000	2.97E+06	ID
Tetrachloroethylene	127,184	5.0 (A)	5.0 (A)	60 (X)	25,000	1.70E+05	2.00E+05	ID
Tetrahydrofuran	109,999	95	270	11,000 (X)	6.90E+06	1.60E+07	1.00E+09	60,000
Tetranitromethane	509,148	ID	ID	NA	580	3,200	85,000	ID
Thallium (B)	7,440,280	2.0 (A)	2.0 (A)	3.7 (X)	NLV	NLV	NA	ID
Toluene (I)	108,883	790 (E)	790 (E)	270	5.3E+5 (S)	5.3E+5 (S)	5.26E+05	61,000
p-Toluidine	106,490	15	62	NA	NLV	NLV	7.60E+06	NA
Total dissolved solids (TDS)	NA	5.0E+5 (E)	5.0E+5 (E)	(EE)	ID	ID	NA	NA
Toxaphene	8,001,352	3.0 (A)	3.0 (A)	1.0 (M); 6.8E-5	NLV	NLV	740	ID
Triallate	2,303,175	95	270	NA	ID	ID	4,000	ID
Tributylamine	102,829	10	29	ID	14,000	32,000	75,400	ID

EGLE

TABLE 1. GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). 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 or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flamability and Explosivity Screening Level
1,2,4-Trichlorobenzene	120,821	70 (A)	70 (A)	99 (X)	3.0E+5 (S)	3.0E+5 (S)	3.00E+05	NA
1,1,1-Trichloroethane	71,556	200 (A)	200 (A)	89	6.60E+05	1.3E+6 (S)	1.33E+06	ID
1,1,2-Trichloroethane	79,005	5.0 (A)	5.0 (A)	330 (X)	17,000	1.10E+05	4.42E+06	NA
Trichloroethylene	79,016	5.0 (A)	5.0 (A)	200 (X)	2,200	4,900	1.10E+06	ID
Trichlorofluoromethane	75,694	2,600	7,300	NA	1.1E+6 (S)	1.1E+6 (S)	1.10E+06	ID
2,4,5-Trichlorophenol	95,954	730	2,100	NA	NLV	NLV	1.20E+06	ID
2,4,6-Trichlorophenol	88,062	120	470	5	NLV	NLV	8.00E+05	ID
1,2,3-Trichloropropane	96,184	42	120	NA	8,300	18,000	1.90E+06	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	76,131	1.7E+5 (S)	1.7E+5 (S)	32	1.7E+5 (S)	1.7E+5 (S)	1.70E+05	ID
Triethanolamine	102,716	3,700	10,000	NA	NLV	NLV	1.00E+09	ID
Triethylene glycol	112,276	4,300	12,000	NA	NLV	NLV	1.00E+06	ID
3-Trifluoromethyl-4-nitrophenol	88,302	4,500	13,000	NA	NLV	NLV	5.00E+06	ID
Trifluralin	1,582,098	37	110	NA	ID	ID	8,100	ID
2,2,4-Trimethyl pentane	540,841	ID	ID	NA	2,300 (S)	2,300 (S)	2,330	160
2,4,4-Trimethyl-2-pentene (I)	107,404	ID	ID	NA	ID	ID	11,900	ID
1,2,4-Trimethylbenzene (I)	95,636	63 (E)	63 (E)	17	56,000 (S)	56,000 (S)	55,890	56,000 (S)
1,3,5-Trimethylbenzene (I)	108,678	72 (E)	72 (E)	45	61,000 (S)	61,000 (S)	61,150	ID
Triphenyl phosphate	115,866	1,200	1,400 (S)	NA	NLV	NLV	1,430	ID
tris(2,3-Dibromopropyl)phosphate	126,727	10 (M); 0.71	10 (M); 2.9	ID	4,700 (S)	4,700 (S)	4,700	ID
Urea	57,136	ID	ID	NA	NLV	NLV	NA	ID
Vanadium	7,440,622	4.5	62	27	NLV	NLV	NA	ID
Vinyl acetate (I)	108,054	640	1,800	NA	4.10E+06	8.90E+06	2.00E+07	1.80E+06
Vinyl chloride	75,014	2.0 (A)	2.0 (A)	13 (X)	1,100	13,000	2.76E+06	33,000
White phosphorus (R)	12,185,103	0.11	0.31	NA	NLV	NLV	NA	ID
Xylenes (I)	1,330,207	280 (E)	280 (E)	49	1.9E+5 (S)	1.9E+5 (S)	1.86E+05	70,000
Zinc (B)	7,440,666	2,400	5,000 (E)	(G)	NLV	NLV	NA	ID