

Table V
Natural Attenuation Default Concentrations

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Acenaphthene	83-32-9	20	200
Acenaphthylene	208-96-8	210	2100
Acephate	30560-19-1	4	400
Acetaldehyde	75-07-0		
Acetone	67-64-1	6300	63000
Acetonitrile	75-05-8	42	420
Acetophenone	98-86-2	700	7000
Acifluorfen, sodium [or Blazer]	62476-59-9	1	100
Acrolein	107-02-8	3.5	35
Acrylamide	79-06-1	0.008	0.8
Acrylic acid	79-10-7	3500	35000
Acrylonitrile	107-13-1	0.06	6
Alachlor	15972-60-8	*	***
Aldicarb [or Temik]	116-06-3	7	70
Aldicarb sulfone	1646-88-4	7	70
Aldicarb sulfoxide	1646-87-3	7	70
Aldrin	309-00-2	0.002	0.2
Aliphatic C 05-06	Ali-C5-6	5000	50000
Aliphatic >C 06-08	Ali-C6-8	5000	50000
Aliphatic >C 08-10	Ali-C8-10	5000	50000
Aliphatic >C 10-12	Ali-C10-12	5000	50000
Aliphatic >C 12-16	Ali-C12-16	5000	50000
Aliphatic >C16-21	Ali-C34+	5000	50000
Ally [or Metsulfuron, methyl]	74223-64-6	1800	18000
Allyl alcohol	107-18-6	35	350
Allyl chloride	107-05-1	35	350
Aluminum	7429-90-5	*	**
Aluminum phosphide	20859-73-8	2.8	28

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		(ug/L)	(ug/L)
Ametryn	834-12-8	63	630
Ammonia	7664-41-7	2800	28000
Ammonium sulfamate	7773-06-0	1400	14000
Anilazine [or Dyrene]	101-05-3	2.8	28
Aniline	62-53-3	6.1	610
Anthracene	120-12-7	2100	21000
Antimony	7440-36-0	*	**
Antimony pentoxide (as Antimony)	1314-60-9	3.5	35
Antimony potassium tartrate (as Antimony)	304-61-0	6.3	63
Antimony tetroxide (as Antimony)	1332-81-6	2.8	28
Antimony trioxide (as Antimony)	1309-64-4	2.8	28
Aramite	140-57-8	1.4	140
Aroclor mixture [see PCBs]			
Aromatic C 05-07	Aro-C5-6	5000	50000
Aromatic >C 07-08	Aro-C7-8	5000	50000
Aromatic >C 08-10	Aro-C8-10	5000	50000
Aromatic >C 10-12	Aro-C10-12	5000	50000
Aromatic >C 12-16	Aro-C12-16	5000	50000
Aromatic >C 16-21	Aro-C16-21	5000	50000
Aromatic >C 21-35	Aro-C21+	5000	50000
Arsenic	NOCAS	*	**
Atrazine	1912-24-9	*	***
Azinphos, methyl [see Guthion]			
Azobenzene	103-33-3	0.3	30
Barium (soluble salts)	7440-39-3	*	**
Baygon [or Propoxur]	114-26-1	28	280
Bayleton	43121-43-3	210	2100
Benomyl	17804-35-2	35	350

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Bensulide	741-58-2	46	460
Bentazon	25057-89-0	210	2100
Benzaldehyde	100-52-7	700	7000
Benzene	71-43-2	*	***
Benzenethiol	108-98-5	0.07	0.7
Benzidine	92-87-5	0.0002	0.02
Benzo(a)anthracene	56-55-3	0.05	5
Benzo(a)pyrene	50-32-8	*	***
Benzo(b)fluoranthene	205-99-2	0.05	5
Benzo(g,h,i)perylene	191-24-2	210	2100
Benzo(k)fluoranthene	207-08-9	0.5	50
Benzoic acid	65-85-0	28000	280000
Benzotrichloride	98-07-7	0.003	0.3
Benzyl alcohol	100-51-6	2100	21000
Benzyl chloride	100-44-7	0.2	20
Beryllium	7440-41-7	*	**
Beta radiation	NOCAS	*	**
Betanal [see Phenmedipham]			
BHC, alpha- [see Hexachlorocyclohexane, alpha-]			
BHC, beta- [see Hexachlorocyclohexane, beta-]			
BHC, delta- [see Hexachlorocyclohexane, delta-]			
BHC, gamma- [see Hexachlorocyclohexane, gamma-]			
BHC, technical [see Hexachlorocyclohexane, technical]			
Bidrin [or Dicrotophos]	141-66-2	0.7	7
Bioallethrin	28057-48-9	35	350
Biphenyl, 1,1- [or Diphenyl]	92-52-4	0.5	5
Bis(2-chloro-1-metylethyl)ether [see Bis(2-chloroisopropyl)ether]			
Bis(2-chloroethoxy)methane	111-91-1	21	210

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Bis(2-chloroethyl)ether	111-44-4	0.03	3
Bis(2-chloroisopropyl)ether [or Bis(2-chloro-1-methylethyl)ether]	39638-32-9	0.5	50
Bis(2-ethylhexyl)adipate	103-23-1	*	***
Bis(2-ethylhexyl)phthalate [or DEHP]	117-81-7	*	***
Bisphenol A	80-05-7	350	3500
Blazer [see Acifluorfen, sodium]			
Boron	7440-42-8	1400	14000
Bravo [see Chlorothalonil]			
Bromacil	314-40-9	70	700
Bromate	15541-45-4		
Bromochloromethane	74-97-5	91	910
Bromodichloromethane	75-27-4	0.6	60
Bromodiphenyl ether, p-	101-55-3	70	700
Bromoform	75-25-2	4.4	440
Bromomethane [or Methyl bromide]	74-83-9	9.8	98
Bromoxynil	1689-84-5	140	1400
Bromoxynil octanoate	1689-99-2	140	1400
Butane	106-97-8	9100	91000
Butanol, n-	71-36-3	700	7000
Butanol, tert- [see Butyl alcohol, tert-]			
Butanone, 2- [see Methyl ethyl ketone]			
Butyl acetate, n-	123-86-4	43	430
Butyl alcohol, tert- [or Butanol, tert-]	75-65-0	1400	14000
Butyl benzyl phthalate	85-68-7	140	1400
Butylate	2008-41-5	350	3500
Butylbenzene, sec	135-98-8	280	2800
Butylphthalyl butylglycolate	85-70-1	7000	70000
Cadmium	7440-43-9	*	**

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		(ug/L)	(ug/L)
Calcium cyanide	592-01-8	280	2800
Captafol	2425-06-1	4.1	410
Captan	133-06-2	10	1000
Carbaryl [or Sevin]	63-25-2	700	7000
Carbazole	86-74-8	1.8	180
Carbofuran	1563-66-2	*	**
Carbon disulfide	75-15-0	700	7000
Carbon tetrachloride	56-23-5	*	***
Carbophenothion [or Trithion]	786-19-6	0.9	9
Carboxin	5234-68-4	700	7000
CFC 113 [see Trichloro-1,2,2-trifluoroethane, 1,1,2-]			
Chloral hydrate	302-17-0	70	700
Chloramben	133-90-4	110	1100
Chlordane (total)	(a)	*	***
Chloride	16887-00-6	*	**
Chlorine	7782-50-5	700	7000
Chlorine cyanide [or Cyanogen chloride]	506-77-4	350	3500
Chlorite (sodium salt) [or Sodium chlorite]	7758-19-2	210	2100
Chloro-1,1-difluoroethane, 1-	75-68-3		
Chloro-1,3-butadiene [or Chloroprene]	126-99-8	140	1400
Chloro-3-methylphenol, 4- [see Chloro-m-cresol, p-]			
Chloroacetic acid	79-11-8	14	140
Chloroaniline, p-	106-47-8	28	280
Chlorobenzene	108-90-7	*	**
Chlorobenzilate	510-15-6	0.1	10
Chlorobenzoic acid, p-	74-11-3	1400	14000
Chlorobenzotrifluoride, 4-	98-56-6	140	1400
Chlorobutane, 1-	109-69-3	2800	28000

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Chlorodifluoromethane	75-45-6		
Chlorodiphenyl ether, p-	7005-72-3	2.1	21
Chloroethane [see Ethyl chloride]			
Chloroethyl vinyl ether, 2-	110-75-8		
Chloroform	67-66-3	70	700
Chloro-m-cresol, p- [or Chloro-3-methylphenol, 4-]	59-50-7	63	630
Chloromethane [see Methyl chloride]			
Chloronaphthalene, beta-	91-58-7	560	5600
Chloronitrobenzene, o-	88-73-3	1.4	140
Chloronitrobenzene, p-	100-00-5	1.9	190
Chlorophenol, 2-	95-57-8	35	350
Chlorophenol, 3-	108-43-0	0.1	1
Chlorophenol, 4-	106-48-9	0.1	1
Chloropicrin	76-06-2	7.3	73
Chloroprene [see Chloro-1,3-butadiene]			
Chloropropane, 2-	75-29-6		
Chlorothalonil [or Bravo]	1897-45-6	3.2	320
Chlorotoluene, o-	95-49-8	140	1400
Chlorotoluene, p-	106-43-4	140	1400
Chlorpropham	101-21-3	1400	14000
Chlorpyrifos	2921-88-2	21	210
Chlorpyrifos, methyl	5598-13-0	70	700
Chlorsulfuron	64902-72-3	350	3500
Chromium (hexavalent)	18540-29-9		
Chromium (total)	NOCAS	*	**
Chromium (trivalent)	16065-83-1		
Chrysene	218-01-9	4.8	480
Cobalt	7440-48-4	140	1400

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Copper	7440-50-8	*	**
Copper cyanide	544-92-3	35	350
Coumaphos	56-72-4	1.8	18
Cresol, m- [see Methylphenol, 3-]			
Cresol, o- [see Methylphenol, 2-]			
Cresol, p- [see Methylphenol, 4-]			
Crotonaldehyde	123-73-9	0.02	2
Cumene [or Isopropyl benzene]	98-82-8	0.8	8
Cyanazine	21725-46-2	0.04	4
Cyanide, free	57-12-5	*	**
Cyanogen	460-19-5	280	2800
Cyanogen chloride [see Chlorine cyanide]			
Cycloate	1134-23-2	35	350
Cyclohexanone	108-94-1	35000	350000
Cyclohexylamine	108-91-8	1400	14000
Cyhalothrin [or Karate]	68085-85-8	35	350
Cymene, p-	99-87-6		
Cypermethrin	52315-07-8	7	70
Dacthal [or DCPA]	1861-32-1	70	700
Dalapon	75-99-0	*	**
DB, 2,4- [see Dichlorophenoxy butyric acid, 2,4-]			
DBCP, 1,2- [see Dibromo-3-chloropropane, 1,2-]			
DCPA [see Dacthal]			
DDD, 4,4'- [see Dichlorodiphenyldichloroethane, p,p']			
DDE, 4,4'- [see Dichlorodiphenyldichloroethylene, p,p']			
DDT, 4,4'- [see Dichlorodiphenyltrichloroethane, p,p']			
Decabromodiphenyl ether	1163-19-5	7	70
DEET	134-62-3	6300	63000

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DEHP [see Bis(2-ethylhexyl)phthalate]			
Demeton	8065-48-3	0.3	3
Diallate	2303-16-4	0.6	60
Diazinon	333-41-5	6.3	63
Dibenz(a,h)anthracene	53-70-3	0.005	0.5
Dibenzofuran	132-64-9	28	280
Dibromo-3-chloropropane, 1,2- [or DBCP, 1,2-]	96-12-8	*	***
Dibromoacetonitrile	3252-43-5		
Dibromobenzene, 1,4-	106-37-6	70	700
Dibromochloromethane	124-48-1	0.4	40
Dibromoethane, 1,2- [or EDB]	106-93-4	*	***
Dibutyl phthalate	84-74-2	700	7000
Dicamba	1918-00-9	210	2100
Dichloroacetic acid	79-43-6	0.7	70
Dichloroacetonitrile	3018-12-0	5.6	56
Dichlorobenzene, 1,2-	95-50-1	*	**
Dichlorobenzene, 1,3-	541-73-1	210	2100
Dichlorobenzene, 1,4-	106-46-7	*	***
Dichlorobenzidine, 3,3'-	91-94-1	0.08	8
Dichlorobenzophenone, 4,4'-	90-98-2	210	2100
Dichlorodifluoromethane	75-71-8	1400	14000
Dichlorodiphenyldichloroethane, p,p'- [or DDD, 4,4'-]	72-54-8	0.1	10
Dichlorodiphenyldichloroethylene, p,p'- [or DDE, 4,4'-]	72-55-9	0.1	10
Dichlorodiphenyltrichloroethane, p,p'- [or DDT, 4,4'-]	50-29-3	0.1	10
Dichloroethane, 1,1-	75-34-3	70	700
Dichloroethane, 1,2- [or EDC]	107-06-2	*	***
Dichloroethene, 1,1-	75-35-4	*	**
Dichloroethene, 1,2- (mixture)	540-59-0	63	630

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		(ug/L)	(ug/L)
Dichloroethene, cis-1,2-	156-59-2	*	**
Dichloroethene, trans-1,2-	156-60-5	*	**
Dichlorophenol, 2,3-	576-24-9	0.04	0.4
Dichlorophenol, 2,4-	120-83-2	0.3	3
Dichlorophenol, 2,5-	583-78-8	0.5	5
Dichlorophenol, 2,6-	87-65-0	0.2	2
Dichlorophenol, 3,4-	95-77-2	0.3	3
Dichlorophenoxy acetic acid, 2,4-	94-75-7	*	**
Dichlorophenoxy butyric acid, 2,4- [or DB, 2,4-]	94-82-6	56	560
Dichloropropane, 1,2-	78-87-5	*	***
Dichloropropene, 1,3-	542-75-6	0.4	40
Dichlorprop	120-36-5	35	350
Dichlorvos	62-73-7	0.1	10
Dicofol [or Kelthane]	115-32-2	0.08	8
Dicrotophos [see Bidrin]			
Dieldrin	60-57-1	0.002	0.2
Diethyl phthalate	84-66-2	5600	56000
Diethylene glycol, monoethyl ether	111-90-0	14000	140000
Diethylstilbestrol	56-53-1	0.000007	0.0007
Diisopropyl methylphosphonate	1445-75-6	560	5600
Dimethoate	60-51-5	1.4	14
Dimethoxybenzidine, 3,3'-	119-90-4	2.5	250
Dimethrin	70-38-2	2100	21000
Dimethylamine	124-40-3		
Dimethylaniline, 2,4-	95-68-1	0.05	5
Dimethylaniline, N,N-	121-69-7	14	140
Dimethylbenzidine, 3,3'-	119-93-7	0.004	0.4
Dimethylformamide, N,N-	68-12-2	700	7000

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Dimethylphenol, 2,4-	105-67-9	140	1400
Dimethylphenol, 2,6-	576-26-1	4.2	42
Dimethylphenol, 3,4-	95-65-8	7	70
Dimethylphthalate	131-11-3	70000	700000
Dinitrobenzene, 1,2- (o)	528-29-0	2.8	28
Dinitrobenzene, 1,3- (m)	99-65-0	0.7	7
Dinitrobenzene, 1,4- (p)	100-25-4	2.8	28
Dinitro-o-cresol, 4,6-	534-52-1	0.7	7
Dinitro-o-cyclohexylphenol	131-89-5	14	140
Dinitrophenol, 2,4-	51-28-5	14	140
Dinitrotoluene, 2,4-	121-14-2	0.05	5
Dinitrotoluene, 2,6-	606-20-2	0.05	5
Di-n-octylphthalate	117-84-0	140	1400
Dinoseb	88-85-7	*	**
Dioxane, 1,4-	123-91-1	3.2	320
Dioxins, as total 2,3,7,8-TCDD equivalents	1746-01-6	*	***
Diphenamid	957-51-7	210	2100
Diphenyl [see Biphenyl, 1,1-]			
Diphenylamine, N,N-	122-39-4	180	1800
Diphenylhydrazine, 1,2-	122-66-7	0.04	4
Diquat	85-00-7	*	**
Disulfoton	298-04-4	0.3	3
Diuron	330-54-1	14	140
Dyrene [see Anilazine]			
EDB [see Dibromoethane, 1,2-]			
EDC [see Dichloroethane, 1,2-]			
Endosulfan (alpha+beta+sulfate)	115-29-7	42	420
Endothall	145-73-3	*	**

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Endrin	72-20-8	*	**
EPEG [see Ethylphthalyl ethylglycolate]			
Epichlorohydrin	106-89-8	3.5	350
EPN [see Ethyl p-nitrophenyl phenylphosphorothioate]			
EPTC [see Ethyl dipropylthiocarbamate, S-]			
Ethanol	64-17-5	10000	100000
Ethion	563-12-2	3.5	35
Ethoprop	13194-48-4	0.7	7
Ethoxyethanol acetate, 2-	111-15-9	2100	21000
Ethoxyethanol, 2-	110-80-5	2800	28000
Ethyl acetate	141-78-6	6300	63000
Ethyl acrylate	140-88-5	0.4	40
Ethyl chloride [or Chloroethane]	75-00-3	12	1200
Ethyl dipropylthiocarbamate, S- [or EPTC]	759-94-4	180	1800
Ethyl ether	60-29-7	750	7500
Ethyl methacrylate	97-63-2	630	6300
Ethyl p-nitrophenyl phenylphosphorothioate [or EPN]	2104-64-5	0.07	0.7
Ethylbenzene	100-41-4	*	**
Ethylene diamine	107-15-3	140	1400
Ethylene glycol	107-21-1	14000	140000
Ethylene oxide	75-21-8	0.03	3
Ethylene thiourea [or ETU]	96-45-7	0.3	30
Ethylphthalyl ethylglycolate [or EPEG]	84-72-0	21000	210000
ETU [see Ethylene thiourea]			
Famphur	52-85-7	3.5	35
Fenamiphos	22224-92-6	1.8	18
Fenamiphos metabolites	NOCAS		
Fensulfothion	115-90-2	1.8	18

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Fenvalerate [see Pydrin]			
Fluometuron	2164-17-2	91	910
Fluoranthene	206-44-0	280	2800
Fluorene	86-73-7	280	2800
Fluoride	7782-41-4	*	**
Fluoridone	59756-60-4	560	5600
Fonofos	944-22-9	14	140
Formaldehyde	50-00-0	600	6000
Formic acid	64-18-6	14000	140000
Furan	110-00-9	7	70
Furfural	98-01-1	21	210
Glycidaldehyde	765-34-4	2.8	28
Glyphosate [or Roundup]	1071-83-6	*	**
Gross alpha radiation	14127-62-9	*	**
Guthion [or Methyl azinphos]	86-50-0	11	110
Heptachlor	76-44-8	*	***
Heptachlor epoxide	1024-57-3	*	***
Hexachloro-1,3-butadiene	87-68-3	0.4	40
Hexachlorobenzene	118-74-1	*	***
Hexachlorocyclohexane, alpha- [or BHC, alpha-]	319-84-6	0.006	0.6
Hexachlorocyclohexane, beta- [BHC, beta-]	319-85-7	0.02	2
Hexachlorocyclohexane, delta- [or BHC, delta-]	319-86-8	2.1	21
Hexachlorocyclohexane, gamma- [or Lindane or BHC, gamma-]	58-89-9	*	***
Hexachlorocyclohexane, technical [or BHC, technical]	608-73-1	0.02	2
Hexachlorocyclopentadiene	77-47-4	*	**
Hexachlorodibenzo-p-dioxin (mixture)	19408-74-3	0.000006	0.0006
Hexachloroethane	67-72-1	2.5	250
Hexachlorophene	70-30-4	2.1	21

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Hexahydro-1,3,5-trinitro-1,3,5-triazine [or RDX]	121-82-4	0.3	30
Hexane, n-	110-54-3	6	60
Hexanone, 2- [or Methyl butyl ketone]	591-78-6	280	2800
Hexazinone	51235-04-2	230	2300
HMX [see Octahydro-1,3,5,7-tetranitro-tetrazocine]			
Hydrogen cyanide (as Cyanide)	74-90-8	140	1400
Hydrogen sulfide	7783-06-4	21	210
Hydroquinone	123-31-9	280	2800
Indeno(1,2,3-cd)pyrene	193-39-5	0.05	5
Iprodione	36734-19-7	280	2800
Iron	7439-89-6	*	**
Isobutyl alcohol	78-83-1	2100	21000
Isophorone	78-59-1	37	3700
Isopropanol	67-63-0		
Isopropyl benzene [see Cumene]			
Karate [see Cyhalothrin, lambda]			
Kelthane [see Dicofo]			
Kepone	143-50-0	0.004	0.4
Lead	7439-92-1	*	**
Limonene	138-86-3	700	7000
Lindane [see Hexachlorocyclohexane, gamma-]			
Linuron	330-55-2	1.4	14
Lithium	7439-93-2	140	1400
MADEP C11-C22 Aromatics	IA C11-C22 Ar	5000	50000
MADEP C19-C36 Aliphatics	IA C19-C36 A	5000	50000
MADEP C5-C8 Aliphatics	MA C5-C8 Ali	5000	50000
MADEP C9-C10 Aromatics	MA C9-C10 Arc	5000	50000
MADEP C9-C12 Aliphatics	MA C9-C12 Ali	5000	50000

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MADEP C9-C18 Aliphatics	MA C9-C18 Ali	5000	50000
Malathion	121-75-5	140	1400
Maleic anhydride	108-31-6		
Maleic hydrazide	123-33-1	3500	35000
Malonitrile	109-77-3	0.1	1
Mancozeb	8018-01-7	210	2100
Maneb	12427-38-2	35	350
Manganese	7439-96-5	50	500
MCPA [see Methyl-4-chlorophenoxy acetic acid, 2-]			
MCPPP [see Propionic acid, 2-(2-methyl-4-chlorophenoxy)]			
Mercuric chloride (as Mercury)	7487-94-7	0.2	2
Mercury	7439-97-6	*	**
Mercury, methyl- [see Methylmercury]			
Merphos	150-50-5	0.2	2
Merphos oxide	78-48-8	0.2	2
Metalaxyl	57837-19-1	420	4200
Methacrylonitrile	126-98-7	0.7	7
Methamidophos	10265-92-6	0.4	4
Methanol	67-56-1	3500	35000
Methidathion	950-37-8	0.7	7
Methomyl	16752-77-5	180	1800
Methoxy-5-nitroaniline, 2-	99-59-2	0.8	80
Methoxychlor	72-43-5	*	**
Methoxyethanol, 2-	109-86-4	7	70
Methyl acetate	79-20-9	3000	30000
Methyl acrylate	96-33-3	210	2100
Methyl azinphos [see Guthion]			
Methyl bromide [see Bromomethane]			

**Table V
Natural Attenuation Default Concentrations**

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Methyl butyl ketone [see Hexanone, 2-]			
Methyl chloride [or Chloromethane]	74-87-3	2.7	270
Methyl chloroform [see Trichloroethane, 1,1,1-]			
Methyl ethyl ketone [or Butanone, 2-]	78-93-3	4200	42000
Methyl isobutyl ketone [or MIBK]	108-10-1	560	5600
Methyl methacrylate	80-62-6	25	250
Methyl parathion [or Parathion, methyl]	298-00-0	1.8	18
Methyl styrene (mixed)	25013-15-4	42	420
Methyl styrene, alpha	98-83-9	490	4900
Methyl tert-butyl ether [or MTBE]	1634-04-4	20	200
Methyl(1,4-chlorophenoxy)propionic acid	7085-19-0		
Methyl-4-chlorophenoxy acetic acid, 2- [or MCPA]	94-74-6	3.5	35
Methyl-4-nitroaniline, 2-	99-52-5	1.1	110
Methyl-5-nitroaniline, 2-	99-55-8	1.1	110
Methylaniline, 2-	95-53-4	0.1	10
Methylene bis(2-chloroaniline), 4,4-	101-14-4	0.3	30
Methylene bromide	74-95-3	70	700
Methylene chloride	75-09-2	*	***
Methylene diphenyl diisocyanate	101-68-8		
Methylmercury [or Mercury, methyl]	22967-92-6	0.07	0.7
Methylnaphthalene, 1-	90-12-0	28	280
Methylnaphthalene, 2-	91-57-6	28	280
Methylphenol, 2- [or Cresol, o-]	95-48-7	35	350
Methylphenol, 3- [or Cresol, m-]	108-39-4	35	350
Methylphenol, 4- [or Cresol, p-]	106-44-5	3.5	35
Metolachlor	51218-45-2	110	1100
Metribuzin	21087-64-9	180	1800
Metsulfuron, methyl [see Ally]			

Table V
Natural Attenuation Default Concentrations

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Mevinphos	7786-34-7	1.8	18
MIBK [see Methyl isobutyl ketone]			
Mirex	2385-85-5	1.4	14
Molinate	2212-67-1	14	140
Molybdenum	7439-98-7	35	350
MS Aliphatics	111-84-3	980	9800
MS Aromatics	111-84-4	1400	14000
MTBE [see Methyl tert-butyl ether]			
Naled	300-76-5	14	140
Naphthalene	91-20-3	14	140
Naphthylamine, 2-	91-59-8	0.0003	0.03
Napropamide	15299-99-7	700	7000
Nickel	7440-02-0	*	**
Nickel subsulfide	12035-72-2	*	**
Nitrate	14797-55-8	*	**
Nitrate+Nitrite	NOCAS	*	**
Nitrite	14797-65-0	*	**
Nitroaniline, m-	99-09-2	1.7	170
Nitroaniline, o-	88-74-4	21	210
Nitroaniline, p-	100-01-6	1.7	170
Nitrobenzene	98-95-3	3.5	35
Nitroglycerin	55-63-0	2.5	250
Nitrophenol, 2-	88-75-5	56	560
Nitrophenol, 4-	100-02-7	56	560
Nitroso-di-ethylamine, N-	55-18-5	0.0002	0.02
Nitroso-dimethylamine, N-	62-75-9	0.0007	0.07
Nitroso-di-n-butylamine, N-	924-16-3	0.006	0.6
Nitroso-di-n-propylamine, N-	621-64-7	0.005	0.5

Table V
Natural Attenuation Default Concentrations

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Nitroso-diphenylamine, N-	86-30-6	7.1	710
Nitroso-N-methylethylamine, N-	10595-95-6	0.002	0.2
Nitrosopyrrolidine, N-	930-55-2	0.02	2
Nitrotoluene, m-	99-08-1	140	1400
Nitrotoluene, o-	88-72-2	70	700
Nitrotoluene, p-	99-99-0	70	700
Nonylphenol	25154-52-3	8.4	84
Norflurazon	27314-13-2	280	2800
Octahydro-1,3,5,7-tetranitro-tetrazocine [or HMX]	2691-41-0	350	3500
Octamethylpyrophosphoramidate	152-16-9	14	140
Oryzalin	19044-88-3	35	350
Oxadiazon	19666-30-9	35	350
Oxamyl	23135-22-0	*	**
Paraquat	1910-42-5	3.2	32
Parathion	56-38-2	4.2	42
Parathion, methyl [see Methyl parathion]			
PCBs [or Aroclor mixture]	1336-36-3	*	***
PCE [see Tetrachloroethene]			
Pebulate	1114-71-2	350	3500
Pendimethalin	40487-42-1	280	2800
Pentachlorobenzene	608-93-5	5.6	56
Pentachloronitrobenzene	82-68-8	0.1	10
Pentachlorophenol	87-86-5	*	***
Perchlorate	7601-90-3	4	40
Permethrin	52645-53-1	350	3500
Phenanthrene	85-01-8	210	2100
Phenmedipham [or Betanal]	13684-63-4	1800	18000
Phenol	108-95-2	10	100

Table V
Natural Attenuation Default Concentrations

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Phenylenediamine, m-	108-45-2	42	420
Phenylenediamine, o-	95-54-5	0.7	70
Phenylenediamine, p-	106-50-3	1300	13000
Phenylphenol, 2-	90-43-7	18	1800
Phorate	298-02-2	1.4	14
Phosmet	732-11-6	140	1400
Phosphine	7803-51-2	2.1	21
Phthalic acid, p-	100-21-0	7000	70000
Phthalic anhydride	85-44-9	14000	140000
Picloram	1918-02-1	*	**
Polychlorinated dibenzo-p-dioxins [see Dioxins]			
Polycyclic Aromatic Hydrocarbons (PAHs)			
Polysorbate 80	9005-65-6	35000	350000
Potassium cyanide	151-50-8	350	3500
Profluralin	26399-36-0	42	420
Prometon	1610-18-0	110	1100
Prometryn	7287-19-6	28	280
Pronamide	23950-58-5	53	530
Propachlor	1918-16-7	91	910
Propanil	709-98-8	35	350
Propargite	2312-35-8	140	1400
Propazine	139-40-2	14	140
Propham	122-42-9	140	1400
Propiconazole	60207-90-1	91	910
Propionic acid, 2-(2-methyl-4-chlorophenoxy) [or MCPP]	93-65-2	7	70
Propoxur [see Baygon]			
Propylene glycol	57-55-6	140000	1400000
Propylene glycol monoethyl ether	1569-02-4		

**Table V
Natural Attenuation Default Concentrations**

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Propylene glycol monomethyl ether	107-98-2	4900	49000
Propylene oxide	75-56-9	0.1	10
Pydrin [or Fenvalerate]	51630-58-1	180	1800
Pyrene	129-00-0	210	2100
Pyridine	110-86-1	7	70
Quinoline	91-22-5	0.01	1
Radium, 226 and 228 (combined)	7440-14-4	*	**
RDX [see Hexahydro-1,3,5-trinitro-1,3,5-triazine]			
Resmethrin	10453-86-8	210	2100
Ronnel	299-84-3	350	3500
Rotenone	83-79-4	28	280
Roundup [see Glyphosate]			
Selenious acid (as Selenium)	7783-00-8	35	350
Selenium	7782-49-2	*	**
Sevin [see Carbaryl]			
Silver	7440-22-4	*	**
Silvex [see Trichlorophenoxy propionic acid]			
Simazine	122-34-9	*	***
Sodium	7440-23-5	*	**
Sodium chlorite [see Chlorite (sodium salt)]			
Sodium cyanide (as Cyanide)	143-33-9	280	2800
Strontium	7440-24-6	4200	42000
Strychnine	57-24-9	2.1	21
Styrene	100-42-5	*	**
Sulfate	14808-79-8	*	**
TCDD, 2,3,7,8- [see Dioxins, as total 2,3,7,8-TCDD equivalents]			
TCE [see Trichloroethene]			
TCMTB [see Thiocyanomethylthio-benzothiazole, 2-]			

**Table V
Natural Attenuation Default Concentrations**

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
TDS [see Total dissolved solids]			
Tebuthiuron	34014-18-1	490	4900
Temephos	3383-96-8	140	1400
Temik [see Aldicarb]			
Terbacil	5902-51-2	91	910
Terbufos	13071-79-9	0.2	2
Terbutryn	886-50-0	7	70
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.1	21
Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9		
Tetrachloroethane, 1,1,1,2-	630-20-6	1.3	130
Tetrachloroethane, 1,1,2,2-	79-34-5	0.2	20
Tetrachloroethene [or PCE]	127-18-4	*	***
Tetrachlorophenol, 2,3,4,6-	58-90-2	210	2100
Tetraethyl dithiopyrophosphate	3689-24-5	3.5	35
Thallium	7440-28-0	*	**
Thallium acetate (as Thallium)	563-68-8	0.6	6
Thallium carbonate (as Thallium)	6533-73-9	0.6	6
Thallium chloride (as Thallium)	7791-12-0	0.6	6
Thallium nitrate (as Thallium)	10102-45-0		
Thallium sulfate (as Thallium)	7446-18-6	0.6	6
Thiobencarb	28249-77-6	70	700
Thiocyanomethylthio-benzothiazole, 2- [or TCMTB]	21564-17-0	2.8	28
Thiram	137-26-8	35	350
Tin	7440-31-5	4200	42000
Titanium Dioxide	13463-67-7		
Toluene	108-88-3	*	**
Toluene diisocyanate, 2,4/2,6- mixture	26471-62-5		
Toluene-2,4-diamine	95-80-7	0.01	1

**Table V
Natural Attenuation Default Concentrations**

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Toluidine, p-	106-49-0	0.2	20
Total dissolved solids [or TDS]	C-010	*	**
Toxaphene	8001-35-2	*	***
Triallate	2303-17-5	91	910
Tributyltin oxide	56-35-9	2.1	21
Trichloro-1,2,2-trifluoroethane, 1,1,2- [or CFC 113]	76-13-1	210000	2100000
Trichloroacetic acid	76-03-9	9.1	91
Trichlorobenzene, 1,2,3-	87-61-6	70	700
Trichlorobenzene, 1,2,4-	120-82-1	*	**
Trichlorobenzene, 1,3,5-	108-70-3	40	400
Trichloroethane, 1,1,1- [or Methyl chloroform]	71-55-6	*	**
Trichloroethane, 1,1,2-	79-00-5	*	***
Trichloroethene [or TCE]	79-01-6	*	***
Trichlorofluoromethane	75-69-4	2100	21000
Trichlorophenol, 2,4,5-	95-95-4	1	10
Trichlorophenol, 2,4,6-	88-06-2	3.2	320
Trichlorophenoxy acetic acid, 2,4,5-	93-76-5	70	700
Trichlorophenoxy propionic acid, 2, (2, 4, 5-) [or Silvex]	93-72-1	*	**
Trichloropropane, 1,1,2-	598-77-6	35	350
Trichloropropane, 1,2,3-	96-18-4	0.02	2
Trichloropropene, 1,2,3-	96-19-5	35	350
Triethylamine	121-44-8		
Trifluralin	1582-09-8	4.5	450
Trimethyl phosphate	512-56-1	0.9	90
Trimethylbenzene, 1,2,3-	526-73-8	10	100
Trimethylbenzene, 1,2,4-	95-63-6	10	100
Trimethylbenzene, 1,3,5-	108-67-8	10	100
Trinitrobenzene, 1,3,5-	99-35-4	210	2100

**Table V
Natural Attenuation Default Concentrations**

Contaminant	CAS#	Groundwater Criteria	Natural Attenuation Default Source
		(ug/L)	(ug/L)
Trinitrophenylmethylnitramine	479-45-8	70	700
Trinitrotoluene, 2,4,6-	118-96-7	1.2	120
Trithion [see Carbophenothion]			
TRPH	NOCAS	5000	50000
Uranium, soluble salts	7440-61-1	21	210
Vanadium	7440-62-2	49	490
Vanadium pentoxide (as Vanadium)	1314-62-1	63	630
Vanadium sulfate (as Vanadium)	36907-42-3		
Vernam	1929-77-7	7	70
Vinyl acetate	108-05-4	88	880
Vinyl chloride	75-01-4	*	***
White phosphorus	7723-14-0	0.1	1
Xylenes, total	1330-20-7	*	**
Zinc	7440-66-6	*	**
Zinc chloride	7646-85-7	2100	21000
Zinc phosphide	1314-84-7	2.1	21
Zineb	12122-67-7	350	3500

* = As provided in Chapter 62-520, F.A.C.

** = Groundwater criteria as provided in Chapter 62-520, F.A.C., multiplied by 10X.

*** = Groundwater criteria as provided in Chapter 62-520, F.A.C., multiplied by 100X.

(a) = 12789-03-6 or 57-74-9

Note: Natural Attenuation Default Source Concentrations are developed by multiplying the Groundwater Criteria by 10 for non-carcinogens and by 100 for carcinogens, except in the case of carcinogenic elements where the Groundwater Criteria are multiplied by 10. For those contaminants that have both primary and secondary groundwater standards, the Groundwater Criteria and Natural Attenuation Default Source Concentrations are based on the lower of the two standards.