

APPENDIX 2 Appendix II to Part 258 - List of Hazardous Inorganic and Organic Constituents [1] Common Name2 CAS RN3 CASI Suggested PQL methods 3 (τ /L)6

Common Name	CAS RN	Chemical abstracts service index name	Suggested Methods; PQL (τ/L)
Acenaphthene	83-32-9	Acenaphthylene, 1,2-dihydro-	8100 200; 8270 10
Acenaphthylene	208-96-8	Acenaphthylene	8100 200; 8270 10
Acetone	67-64-1	2-Propanone	8260 100
Acetonitrile; Methyl cyanide	75-05-8	Acetonitrile	8015 100
Acetophenone	98-86-2	Ethanone1-phenyl-	8270 10
2-Acetylaminofluorene, 2-AAF	53-96-3	Acetamide N-9H- fluoren-2-yl	8270 20
Acrolein	107-02-8	2-Propenal	8030 5; 8260 100
Acrylonitrile	107-13-1	2-Propenenitrile	8030 5; 8260 200
Aldrin	309-00-2	1,4:5,8- Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1,4,4a,5,8,8a)-	8080 0.05; 8270 10
Allyl chloride	107-05-1	Propene, 3-chloro-	8010 5; 8260 10
4-Aminobiphenyl	92-67-1	1,1 [^] 11-Biphenyl]- 4-amine	8270 20
Anthracene	120-12-7	Anthracene	8100 200; 8270 10
Antimony	(Total)	Antimony	6010 300; 7040 2000; 7041 30
Arsenic	(Total)	Arsenic	6010 500; 7060 10; 7061 20
Barium	(Total)	Barium	6010 20; 7080 1000
Benzene	71-43-2	Benzene	8020 2; 8021 0.1; 8260 5
Benzo[a]anthracene	56-55-3	Benz[a]anthracene	8100 200; 8270 10
Benzanthracene			
Benzo[b]fluoranthene;	205-99-2	Benz[e]acephenanthrylene	8100 200; 8270 10
Benzo[k]fluoranthene	207-08-9	Benzo[k]fluoranthene	8100 200; 8270 10
Benzo[ghi]perylene	191-24-2	Benzo[ghi]perylene	8100 200; 8270 10
Benzo[a]pyrene	50-32-8	Benzo[a]pyrene	8100 200; 8270 10
Benzyl alcohol	100-51-6	Benzenemethanol	8270 20
Beryllium	(Total)	Beryllium	6010 3; 7090 50; 7091 2
alpha-BHC	319-84-6	Cyclohexane, 1,2,3,4,5,6- hexachloro-, (1,2,3,4,5,6)-	8080 0.05; 8270 10
beta-BHC	319-85-7	Cyclohexane, 1,2,3,4,5,6- hexachloro-, (1,2,3,4,5,6)-	8080 0.05; 8270 20
delta-BHC	319-86-8	Cyclohexane, 1,2,3,4,5,6- hexachloro-, (1,2,3,4,5,6)-	8080 0.1; 8270 20
gamma-BHC; Lindane	58-89-9	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1,2,3,4,5,6)-	8080 0.05; 8270 20
Bis-(2-chloroethoxy)methane	111-91-1	Ethane, 1,1 [^] 1- [methylenebis(oxy)] bis[2-chloro-	8110 5; 8270 10
Bis(2-chloroethyl)	111-44-4	Ethane, 1,1 [^] 1- oxybis[2-chloro-	8110 3 8270 10
ether; Dichloroethyl ether			
Bis-(2-chloro-1 -methylethyl)	108-60-1	Propane, 2,2 [^] 1- 1- oxybis[1-chloro-	8110 10; 8270 10
ether; 2,2 [^] 1-Dichlorodiisopro			
pyl ether; DCIP, See note 7			
Bis(2-ethylhexyl) phthalate	117-81-7	1,2- Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	8060 20
Bromochloromethane	74-97-5	Methane, bromochloro-	8021 0.1/ 8260 5
Chlorobromomethane			
Bromodichloromethane;	75-27-4	Methane, bromodichloro-	8010 1; 8021 0.2; 8260 5
Dibromochloromethane			
Bromoform; Tribromomethane	75-25-2	Methane tribromo-	8010 2; 8021 15; 8260 5
4-Bromophenyl phenyl ether	101-55-3	Benzene, 1-bromo-4-phenoxy-	8110 25; 8270 10
Butyl benzyl phthalate; Benzyl	85-68-7	1,2- Benzenedicarboxyli c acid, butyl phenylmethyl	8060 5; 8270 10
butyl phthalate		ester	
Cadmium	(Total)	Cadmium	6010 40; 7130 50; 7131 1
Carbon disulfide	75-15-0	Carbon disulfide	8260 100
Carbon tetrachloride	56-23-5	Methane, tetrachloro-	8010 1; 8021 0.1; 8260 10
Chlordane	See Note 8	4,7-Methano-1H- indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a - hexahydro	8080 0.1; 8270 50;
p-Chloroaniline	106-47-8	Benzenamine, 4-chloro-	8270 20
Chlorobenzene	108-90-7	Benzene, chloro-	8010 2; 8020 2; 8021 0.1; 8260 5
Chlorobenzilate	510-15-6	Benzenecetic acid, 4-chloro—(4-chlorophenyl)—hydroxy-, ethyl ester	8270 10
p-Chloro-m- cresol; 4-Chloro-3	59-50-7	Phenol, 4-chloro- 3-methyl-	8040 5; 8270 20

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methylphenol			
Chloroethane; Ethyl chloride	75-00-3	Ethane, chloro-	8010 5; 8021 1; 8260 10
Chloroform; Trichloromethane	67-66-3	Methane, trichloro-	8010 0.5; 8021 0.2; 8260 5
2- Chloronaphthalene	91-58-7	Naphthalene, 2-chloro-	8120 10; 8270 10
2- Chlorophenol	95-57-8	Phenol, 2-chloro-	8040 5; 8270 10
4- Chlorophenyl phenyl ether	7005-72-3	Benzene, 1-chloro-4-phenoxy-	8110 40; 8270 10
Chloroprene	126-99-8	1,3-Butadiene, 2- chloro-	8010 50; 8260 20
Chromium	(Total)	Chromium	6010 70; 7190 500; 7191 10
Chrysene	218-01-9	Chrysene	8100 200; 8270 10
Cobalt	(Total)	Cobalt	6010 70; 7200 500; 7201 10
Copper	(Total)	Copper	6010 60; 7210 200; 7211 10
m-Cresol; 3- methylphenol	108-39-4	Phenol, 3-methyl-	8270 10
o-Cresol; 2- methylphenol	95-48-7	Phenol, 2-methyl-	8270 10
p-Cresol; 4- methylphenol	106-44-5	Phenol, 4-methyl-	8270 10
Cyanide	57-12-5	Cyanide	9010 200
2,4-D; 2,4- Dichlorophenoxyacetic acid	94-75-7	Acetic acid, (2,4- dichlorophenoxy-	8150 10
4,4 ¹ -DDD	72-54-8	Benzene 1,1 ¹ - (2,2- dichloroethylidene)bis[4-chloro-	8080 0.1; 8270 10
4,4 ¹ -DDE	72-55-9	Benzene, 1,1 ¹ - (dichloroethenylidene)bis[4-chloro-	8080 0.05; 8270 10
4,4 ¹ -DDT	50-29-3	Benzene, 1,1 ¹ -(2,2,2- trichloroethylidene)bis[4-chloro-	8080 0.1; 8270 10
Diallate	2303-16-4	Carbamothioic acid, bis(1-methylethyl)-,S-(2,3-dichloro-2-propenyl) ester	8270 10
Dibenz[a,h]anthracene	53-70-3	Dibenz[a,h]anthracene	8100 200; 8270 10
Dibenzofuran	132-64-9	Dibenzofuran	8270 10
Dibromochloromethane;	124-48-1	Methane, dibromochloro-	8010 1; 8021 0.3; 8260 5
Chlorodibromomethane			
1,2-Dibromo-3- chloropropane;	96-12-8	Propane, 1,2- dibromo-3-chloro-	8011 0.1; 8021 30; 8260 25
DBCP			
1,2- Dibromoethane; Ethylene	106-93-4	Ethane, 1,2- dibromo-	8011 0.1; 8021 10; 8260 5
dibromide; EDB			
Di-n-butyl phthalate	84-74-2	1,2- Benzenedicarboxylic acid, dibutyl ester	8060 5; 8270 10
o- Dichlorobenzene;1,2-	95-50-1	Benzene, 1,2- dichloro1-	8010 2; 8020 5; 8021 0.5; 8120 10; 8260 5; 8270 10
Dichlorobenzene			
m- Dichlorobenzene; 1,3-	541-73-1	Benzene, 1,3- Dichloro-	8010 5; 8020 5; 8021 0.2; 8120 10; 8260 5; 8270 10
Dichlorobenzene			
p - Dichlorobenzene; 1,4-	106-46-7	Benzene, 1,4- dichloro-	8010 2; 8020 5; 8021 0.1; 8120 15 260 5; 8270 10
Dichlorobenzene			
3,3 ¹ - Dichlorobenzidine	91-94-1	[1,1 ¹ -Biphenyl]- 4,4 ¹ -diamine, 3,3 ¹ -dichloro-	8270 20
trans-1,4- Dichloro-2- butene	110-57-6	2-Butene, 1,4- dichloro-, (E)-	8260 100
Dichlorodifluoro methane; CFC	75-71-8	Methane, dichlorodifluoro-	8021 0.5; 8260 5
12;			
1,1-Dichloroethane; Ethyldiene chloride	75-34-3	Ethane, 1,1- dichloro-	8010 1; 8021 0.5; 8260 5
1,2 - Dichloroethane; Ethylene dichloride	107-06-2	Ethane, 1,1- dichloro-	8010 0.5; 8021 0.3; 8260 5
1,1- Dichloroethylene; 1,1-	75-35-4	Ethene, 1,1- dichloro-	8010 1; 8021 0.5; 8260 5
Dichloroethene; Vinylidene chloride			
cis-1,2- Dichloroethylene; cis-1,2-	156-59-2	Ethene, 1,2- dichloro-, (Z)-	8021 0.2; 8260 5
Dichloroethene			
trans-1,2- Dichloroethylene trans-	156-60-5	Ethene, 1,2- dichloro-, (E)-	8010 1; 8021 0.5; 8260 5
1,2- Dichloroethene			
2,4- Dichlorophenol	120-83-2	Phenol, 2,4- dichloro-	8040 5; 8270 10
2,6- Dichlorophenol	87-65-0	Phenol, 2,6- dichloro-	8270 10
1,2- Dichloropropane; Propylene	78-87-5	Propane, 1,2- dichloro-	8010 0.5; 8021 0.05; 8260 5

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dichloride			
1,3- Dichloropropane;	142-28-9	Propane, 1,3- dichloro-	8021 0.3; 8260 5
Trimethylene dichloride			
2,2- Dichloropropane;	594-20-7	Propane, 2,2- dichloro-	8021 0.5; 8260 15
Isopropylidene chloride			
1,1- Dichloropropene	563-58-6	1-Propene, 1,1- dichloro-	8021 0.2; 8260 5
cis-1,3- Dichloropropene	10061-01-5	1-Propene, 1,3- dichloro-, (Z)-	8010 20; 8260 10
trans-1,3- Dichloropropene	10061-02-6	1-Propene, 1,3- dichloro-, (E)-	8010 5; 8260 10
Dieldrin	60-57-1	2,7:3,6- Dimethanonaphth[2, 3-b]oxirene, 3,4,5,6,9,9-hexa, chloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1a,2,2a,3,6,6a ,7,7a)-	8080 0.05; 8270 10
Diethyl phthalate	84-66-2	1,2- Benzenedicarboxylic acid, diethyl ester	8060 5; 8270 10
0,0-Diethyl 0-2- pyrazinyl phosphorothioate; Thionazin	297-97-2	Phosphorothioic acid, 0,0-diethyl 0-pyrazinyl ester	8141 5; 8270 20
Dimethoate	60-51-5	Phosphorodithioic acid, 0,0-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	8141 3; 8270 20
p- (Dimethylamino) azobenzene	60-11-7	Benzenamine, N,N- dimethyl-4- (phenylazo)-	8270 10
7,12- Dimethylbenz[a]anthracene	57-97-6	Benz[a]anthracene, 7,12-dimethyl-	8270 10
3,3^1- Dimethylbenzidine	119-93-7	[1,1^1-Biphenyl]- 4,4^1-diamine,3,3^1-dimethyl-	8270 10
2,4- Dimethylphenol; m-Xylenol	105-67-9	Phenol, 2,4- dimethyl-	8040 5; 8270 10
Dimethyl phthalate	131-11-3	1,2- Benzenedicarboxylic acid, dimethyl ester	8060 5; 8270 10
m-Dinitrobenzene	99-65-0	Benzene, 1,3- dinitro-	8270 20
4,6-Dinitro-o- cresol 4,6- Dinitro-2- methylphenol	534-52-1	Phenol, 2-methyl-4,6-dinitro	8040 150; 8270 50
2,4- Dinitrophenol;	51-28-5	Phenol, 2,4- dinitro-	8040 150; 8270 50
2,4- Dinitrotoluene	121-14-2	Benzene, 1-methyl-2,4-dinitro-	8090 0.2; 8270 10
2,6- Dinitrotoluene	606-20-2	Benzene, 2-methyl-1,3-dinitro-	8090 0.1; 8270 10
Dinoseb; DNBP; 2- sec-Butyl-4,6-dinitrophenol	88-85-7	Phenol, 2-(1- methylpropyl)-4,6- dinitro-	8150 1; 8270 20
Di-n-octyl phthalate	117-84-0	1,2- Benzenedicarboxylic acid, dioctyl ester	8060 30; 8270 10
Diphenylamine	122-39-4	Benzenamine, N- phenyl-	8270 10
Disulfoton	298-04-4	Phosphorodithioic acid, 0,0-diethyl S-[2- (ethylthio)ethyl ester	8140 2; 8141 0.5; 8270 10
Endosulfan I	959-98-8	6,9-Methano-2,4,3- benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a hexahydro-,3-oxide,	8080 0.1; 8270 20
Endosulfan II	33213-65-9	6,9-Methano-2,4,3- benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a hexahydro-, 3-oxide, (3,5a,6,9,9a)-	8080 0.05; 8270 20
Endosulfan sulfate	1031-07-8	6,9-Methano-2,4,3- benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a hexahydro-,3-3-dioxide	8080 0.5; 8270 10
Endrin	72-20-8	2,7:3,6- Dimethanonaphth[2, 3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7 a-octahydro-, (1a, 2,2a,3,6,6a,7,7a)-	8080 0.1; 8270 20
Endrin aldehyde	7421-93-4	1,2,4- Methenocyclopenta[cd]pentalene-5-carboxaldehyde,2,2a,3,3,4,7-hexachlorodecahydro-, (1,2,2a,4,4a,5,6a,6b,7R*)-	8080 0.2; 8270 10
Ethylbenzene	100-41-4	Benzene, ethyl-	8020 2; 8221 0.05; 8260 5
Ethyl methacrylate	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester	8015 5; 8260 10; 8270 10
Ethyl methanesulfonate	62-50-0	Methanesulfonic acid, ethyl ester	8270 20
Famphur	52-85-7	Phosphorothioic acid, 0-[4-[(dimethylamino)sulfonyl]phenyl] 0,0-dimethyl ester	8270 20
Fluoranthene	206-44-0	Fluoranthene	8100 200; 8270 10

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Fluorene	86-73-7	9H-Fluorene	8100 200; 8270 10
Heptachlor	76-44-8	4,7-Methano-1H- indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a tetrahydro-	8080 0.05; 8270 10
Heptachlor epoxide	1024-57-3	2,5-Methano-2H- indeno[1,2- b]oxirene,2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a hexahydro-,(1a,1b, 2, 5, 5a, 6, 6a)	8080 1; 8270 10
Hexachlorobenzene	118-74-1	Benzene, hexachloro-	8120 0.5; 8270 10
Hexachlorobutadiene	87-68-3	1,3-Butadiene, 1,1,2,3,4,4- hexachloro-	8021 0.5; 8120 5; 8260 10; 8270 10
Hexachlorocyclopentadiene	77-47-4	1,3- Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	8120 5; 8270 10
Hexachloroethane	67-72-1	Ethane, hexachloro-	8120 0.5; 8260 10; 8270 10
Hexachloropropene	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-	8270 10
2-Hexanone; Methyl butyl ketone	591-78-6	2-Hexanone	8260 50
Indeno(1,2,3- cd)pyrene	193-39-5	Indeno(1,2,3- cd)pyrene	8100 200; 8270 10
Isobutyl alcohol	78-83-1	1-Propanol, 2- methyl-	8015 50; 8240 100
Isodrin	465-73-6	1,4,5,8- Dimethanonaphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a hexahydro-(1,4,4a,5,8,8a)-	8270 20; 8260 10
Isophorone	78-59-1	2-Cyclohexen-1- one, 3,5,5- trimethyl-	8090 60; 8270 10
Isosafrole	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-	8270 10
Kepone	143-50-0	1,3,4-Metheno-2H- cyclobuta[cd]pentalen-2-one,1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	8270 20
Lead	(Total)	Lead	6010 400; 7420 1000 7421 10
Mercury	(Total)	Mercury	7470 2
Methacrylonitrile	126-98-7	2-Propenenitrile, 2-methyl-	8015 5; 8260 100
Methapyrilene	91-80-5	1,2- Ethanedi-amine, N,Ndimethyl-N^1-2-pyridinyl-N1/2-thienylmethyl)-	8270 100
Methoxychlor	72-43-5	Benzene,1,1^1- (2,2,2,trichloroet hydridene)bis[4-methoxy-	8080 2; 8270 10
Methyl bromide; Bromomethane	74-83-9	Methane, bromo-	8010 20; 8021 10
Methyl chloride; Chloromethane	74-87-3	Methane, chloro-	8010 1; 8021 0.3
3- Methylcholanthrene	56-49-5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	8270 10
Methyl ethyl ketone; MEK; 2- Butanone	78-93-3	2-Butanone	8015 10; 8260 100
Methyl iodide; Iodomethane	74-88-4	Methane, iodo-	8010 40; 8260 10
Methyl methacrylate	80-62-6	2-Propenoic acid, 2-methyl-, methyl ester	8015 2; 8260 30
Methyl methanesulfonate	66-27-3	Methanesulfonic acid, methyl ester	8270 10
2- Methyl-naphthalene	91-57-6	Naphthalene, 2- methyl-	8270 10
Methyl parathion; Parathion methyl	298-00-0	Phosphorothioic acid, 0,0-dimethyl	8140 0.5; 8141 1; 8270 10
4-Methyl-2- pentanone; Methyl isobutyl ketone	108-10-1	2-Pentanone, 4- methyl-	8015 5; 8260 100
Methylene bromide; Dibromomethane	74-95-3	Methane, dibromo-	8010 15; 8021 20; 8260 10
Methylene chloride; Dichloromethane	75-09-2	Methane, dichloro-	8010 5; 8021 0.2; 8260 10
Naphthalene	91-20-3	Naphthalene	8021 0.5; 8100 200; 8260 5; 8270 10
1,4- Naphthoquinone	130-15-4	1,4- Naphthalenedione	8270 10
1-Naphthylamine	134-32-7	1-Naphthalenamine	8270 10

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2-Naphthylamine	91-59-8	2-Naphthalenamine	8270 10
Nickel	(Total)	Nickel	6010 150; 7520 400
o-Nitroaniline; 2-Nitroaniline	88-74-4	Benzenamine, 2- nitro	8270 50
m-Nitroaniline; 3-Nitroaniline	99-09-2	Benzenamine, 3- nitro	8270 50
p-Nitroaniline; 4-Nitroaniline	100-01-6	Benzenamine, 4- nitro	8270 20
Nitrobenzene	98-95-3	Benzene, nitro-	8090 40; 8270 10
o-Nitrophenol; 2- Nitrophenol	88-75-5	Phenol, 2-nitro-	8040 5; 8270 10
p-Nitrophenol; 4- Nitrophenol	100-02-7	Phenol, 4-nitro-	8040 10; 8270 50
N-Nitrosodi-n- butylamine	924-16-3	1-Butanamine, N- butyl-N-nitroso-	8270 10
N- Nitrosodiethylamine	55-18-5	Ethanamine, N- ethyl-N-nitroso-	8270 20
N- Nitrosodimethylamine	62-75-9	Methanamine, N- methyl-N-nitroso	8070 2
N- Nitrosodiphenylamine	86-30-6	Benzenamine, N- nitroso-N-phenyl-	8070 5
N- Nitrosodipropylamine N- Nitroso-N-dipropylamine;Di-n-propylnitrosamine	621-64-7	1-Propanamine, N- nitroso-N-propyl;	8070 10
N- Nitrosomethylethylamine	10595-95-6	Ethanamine, N- methyl-N-nitroso	8270 10
N- Nitrosopiperidine	100-75-4	Piperidine, 1- nitroso-	8270 20
N- Nitrosopyrrolidine	930-55-2	Pyrrolidine, 1- nitroso-	8270 40
5-Nitro-o- toluidine	99-55-8	Benzenamine, 2- methyl-5-nitro-	8270 10
Parathion	56-38-2	Phosphorothioic acid, 0,0-diethyl 0-(4-nitrophenyl) ester	8141 0.5; 8270 10
Pentachlorobenzene	608-93-5	Benzene, pentachloro-	8270 10
Pentachloronitro benzene	82-68-8	Benzene, pentachloronitro	8270 20
Pentachlorophenol	87-86-5	Phenol, pentachloro-	8040 5; 8270 50
Phenacetin	62-44-2	Acetamide, N-(4- ethoxyphenyl)	8270 20
Phenanthrene	85-01-8	Phenanthrene	8100 200; 8270 10
Phenol	108-95-2	Phenol	8040 1
p- Phenylenediamine	106-50-3	1,4- Benzenediamine	8270 10
Phorate	298-02-2	Phosphorodithioic acid, 0,0-diethyl S-[(ethylthio)methyl] ester	8140 2; 8141 0.5; 8270 10
Polychlorinated biphenyls; PCBs; Aroclors	See Note 9	1,1'-Biphenyl, chloro derivatives	8080 50; 8270 200
Pronamide	23950-58-5	Benzamide, 3,5- dichloro-N-(1,1-dimethyl-2-propynyl)-	8270 10
Propionitrile; Ethyl cyanide	107-12-0	Propanenitrile	8015 60; 8260 150
Pyrene	129-00-0	Pyrene	8100 200; 8270 10
Safrrole	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-	8270 10
Selenium	(Total)	Selenium	6010 750; 7740 20; 7741 20
Silver	(Total)	Silver	6010 70; 7760 100; 7761 10
Silvex; 2,4,5-TP	93-72-1	Propanoic acid, 2- (2,4,5-trichlorophenoxy)-	8150 2
Styrene	100-42-5	Benzene, ethenyl-	8020 1; 8021 0.1; 8260 10
Sulfide	18496-25-8	Sulfide	9030 4000
2,4,5-T; 2,4,5- Trichlorophenoxy acetic acid	93-76-5	Acetic acid, (2,4,5- trichlorophenoxy)-	8150 2
1,2,4,5- Tetrachlorobenzene	95-94-3	Benzene, 1,2,4,5- tetrachloro-	8270 10
1,1,1,2- Tetrachloroethane	630-20-6	Ethane, 1,1,1,2- tetrachloro-	8010 5; 8021 0.05; 8260 5
1,1,2,2- Tetrachloroethne	79-34-5	Ethane, 1,1,2,2- tetrachloro-	8010 0.5; 8021 0.1; 8260 5
Tetrachloroethylene	127-18-4	Ethene, tetrachloro-	8010 0.5; 8021 0.5; 8260 5
Tetrachloroethene; Perchloroethylene			
2,3,4,6- Tetrachlorophenol	58-90-2	Phenol, 2,3,4,6- tetrachloro-	8270 10
Thallium	(Total)	Thallium	6010 400; 7840 1000; 7841 10
Tin	(Total)	Tin	6010 40
Toluene	108-88-3	Benzene, methyl-	8020 2; 8021 0.1; 8260 5
o-Toluidine	95-53-4	Benzenamine, 2- methyl-	8270 10
Toxaphene	See Note 10	Toxaphene	8080 2
1,2,4- Trichlorobenzene	120-82-1	Benzene, 1,2,4- trichloro-	8021 0.3; 8120 0.5; 8260 10; 8270 10
1,1,1- Trichloroethane;	71-55-6	Ethane, 1,1,1- trichloro-	8010 0.3; 8021 0.3; 8260 5

APPENDIX 2 Appendix II to Part 258 - List of Hazardous Inorganic and Organic Constituents [1] Common Name

2 CAS RN3 CASI Suggested PQL methods 3 (τ /L)6

Common Name	CAS RN	Chemical abstracts service index name	Suggested Methods; PQL (τ/L)
Methylchloroform			
1,1,2- Trichloroethane	79-00-5	Ethane, 1,1,2- trichloro-	8010 0.2; 8260 5
Trichloroethylene;	79-01-6	Ethene, trichloro-	8010 1; 8021 0.2; 8260 5
Trichloroethene			
Trichlorofluoromethane; CFC-11	75-69-4	Methane, trichlorofluoro-	8010 10; 8021 0.3; 8260 5
2,4,5- Trichlorophenol	95-95-4	Phenol, 2,4,5- trichloro-	8270 10
2,4,6- Trichlorophenol	88-06-2	Phenol, 2,4,6- trichloro-	8040 5; 8270 10
1,2,3- Trichloropropane	96-18-4	Propane, 1,2,3- trichloro-	8010 10; 8021 5; 8260 15
0,0,0- Triethyl phosphorothioate	126-68-1	Phosphorothioic acid, 0,0,0-triethylester	8270 10
sym- Trinitrobenzene	99-35-4	Benzene, 1,3,5- trinitro-	8270 10
Vanadium	(Total)	Vanadium	6010 80; 7910 2000; 7911 40
Vinyl acetate	108-05-4	Acetic acid, ethenyl ester	8260 50
Vinyl chloride; Chloroethene	75-01-4	Ethene, chloro-	8010 2; 8021 0.4; 8260 10
Xylene(total)	See Note11	Benzene, dimethyl-	8020 5; 8021 0.2; 8260 5
Zinc	(Total)	Zinc	6010 20; 7950 50; 7951 0.5

Notes

1. The regulatory requirements pertain only to the list of substances; the right hand columns (Methods and PQL) are given for informational purposes only. See also footnotes 5 and 6.
2. Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.
3. Chemical Abstracts Service registry number. Where Total is entered, all species in the ground water that contain this element are included.
4. CAS index are those used in the 9th Collective Index.
5. Suggested Methods refer to analytical procedure numbers used in EPA Report SW-846 Test Methods for Evaluating Solid Waste, third edition, November 1986, as revised, December 1987. Analytical details can be found in SW-846 and in documentation on file at the agency. CAUTION: The methods listed are representative SW-846 procedures and may not always be the most suitable method(s) for monitoring an analyte under the regulations.
6. Practical Quantitation Limits (PQLs) are the lowest concentrations of analytes in ground waters that can be reliably determined within specified limits of precision and accuracy by the indicated methods under routine laboratory operating conditions. The PQLs listed are generally stated to one significant figure. PQLs are based on 5 mL samples for volatile organics and 1 L samples for semivolatile organics. CAUTION: The PQL values in many cases are based only on a general estimate for the method and not on a determination for individual compounds; PQLs are not a part of the regulation.
7. This substance is often called Bis(2-chloroisopropyl) ether, the name Chemical Abstracts Service applies to its noncommercial isomer, Propane, 2,2-oxybis[2-chloro- (CAS RN 39638-32-9).
8. Chlordane: This entry includes alpha-chlordane (CAS RN 5103- 71-9), beta-chlordane (CAS RN 5103-74-2), gamma-chlordane (CAS RN 5566-34-7), and constituents of chlordane (CAS RN 57-74-9 and CAS RN 12789-03-6). PQL shown is for technical chlordane. PQLs of specific isomers are about 20 (r)g/L by method 8270.
9. Polychlorinated biphenyls (CAS RN 1336-36-3); this category contains congener chemicals, including constituents of Aroclor 1016 CAS RN 12674-11-2), Aroclor 1221 (CAS RN 11104-28-2), Aroclor 1232 (CAS RN 11141-16-5), Aroclor 1242 (CAS RN 53469-21-9), Aroclor 1248 (CAS RN 12672-29-6), Aroclor 1254 (CAS RN 11097- 69-1), and Aroclor 1260 (CAS RN 11096-82-5). The PQL shown is an average value for PCB congeners.
10. Toxaphene: This entry includes congener chemicals contained in technical toxaphene (CAS RN 8001-35-2), i.e., chlorinated camphene.
11. Xylene (total): This entry includes o-xylene (CAS RN 96-47-6), m-xylene (CAS RN 108-38-3), p-xylene (CAS RN 106-42-3), and unspecified xylenes (dimethylbenzenes) (CAS RN 1330-20-7). PQLs for method 8021 are 0.2 for o-xylene and 0.1 for m- or p-xylene. The PQL for m- xylene is 2.0 (r)g/L by method 8020 or 8260.