

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 40

List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring
 52 FR 25942-25953
 July 9, 1987
 (non-HSWA Cluster IV)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

DETECTION MONITORING PROGRAM

replace Appendix VIII, Part 261 reference with reference to Appendix IX, Part 264	264.98(h)(2)	210 -	Equivalent
remove Appendix VIII reference	264.98(h)(3)	210 -	Equivalent
remove Appendix VIII reference	264.98(h)(4)(i)	210 -	Equivalent

COMPLIANCE MONITORING PROGRAM

presence/concentration of Appendix IX constituents; remove 261, Appendix VIII reference	264.99(f)	210 -	Equivalent
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APPENDIX IX - GROUND-WATER MONITORING LIST

add new appendix	Appendix IX	210 -	Equivalent
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APPENDIX IX—GROUND-WATER MONITORING LIST¹

Common name ²	CAS RN ³	Chemical abstracts service index name ⁴	Sug- gested meth- ods ⁵	PQL (µg/L) ⁶
Acenaphthene	83-32-9	Acenaphthylene, 1,2-dihydro-	8100	200
Acenaphthylene	208-96-8	Acenaphthylene	8270	10
Acetone	67-64-1	2-Propanone	8100	200
Acetophenone	98-86-2	Ethanone, 1-phenyl-	8270	10
Acetonitrile, Methyl cyanide	75-05-8	Acetonitrile	8240	100
2-Acetylaminofluorene, 2-AAF	53-96-3	Acetamide, N-9H-fluoren-2-yl-	8015	100
Acrolein	107-02-8	2-Propenal	8270	10
Acrylonitrile	107-13-1	2-Propenenitrile	8030	5
			8240	5
Aldrin	309-00-2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-	8080	0.05
		1,4,4a,5,8,8a-hexahydro- (1a,4a,4aβ,5a,8a,8aβ)-	9270	10
Allyl chloride	107-05-1	1-Propene, 3-chloro-	9010	5
			8240	100

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		STATUTE	REGULATION		
Common name ¹	CAS RN ²	Chemical abstracts service index name ⁴		Sug- gested meth- ods ³	PCL (µg/L) ⁴
4-Aminobiphenyl.....	92-67-1	[1,1'-Biphenyl]-4-amine.....		8270	10
Aniline.....	62-53-3	Benzenamine.....		8270	10
Anthracene.....	120-12-7	Anthracene.....		8100	200
Antimony.....	(Total)	Antimony.....		8270	10
				6010	300
				7040	2,000
				7041	30
				8270	10
Aramite.....	140-57-8	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester		8270	10
Arsenic.....	(Total)	Arsenic.....		6010	500
				7060	10
				7061	20
				6010	20
				7080	1,000
Barium.....	(Total)	Barium.....		8020	2
				8240	5
Benzene.....	71-43-2	Benzene.....		8100	200
Benzo[a]anthracene: Benzanthracene.....	56-55-3	Benz[a]anthracene.....		8270	10
Benzo[b]fluoranthene.....	205-99-2	Benz[e]acephenanthrylene.....		8100	200
Benzo[k]fluoranthene.....	207-08-9	Benzo[k]fluoranthene.....		8270	10
Benzo[ghi]perylene.....	191-24-2	Benzo[ghi]perylene.....		8100	200
Benzo[a]pyrene.....	50-32-8	Benzo[a]pyrene.....		8270	10
				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-(1α,2α,3β,4α,5β,6β)-		8080	0.05
				8250	10
beta-BHC.....	319-85-7	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1α,2β,3α,4β,5α,6β)-		8080	0.05
				8250	40
delta-BHC.....	319-86-8	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1α,2α,3α,4β,5α,6β)-		8080	0.1
				8250	30
gamma-BHC; Lindane.....	58-89-0	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1α,2α,3β,4α,5α,6β)-		8080	0.05
				8250	10
				8270	10
Bis(2-chloroethoxy)methane.....	111-91-1	Ethane, 1,1'-(methylenbis(oxy))bis(2-chloro-		8270	10
Bis(2-chloroethyl)ether.....	111-44-4	Ethane, 1,1'-oxybis(2-chloro-		8270	10
Bis(2-chloro-1-methylethyl) ether; 2,2'-Di-chlorodisopropyl ether.....	108-60-1	Propane, 2,2'-oxybis(1-chloro-		8010	100
				8270	10
Bis(2-ethylhexyl) phthalate.....	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)ester.....		8050	20
				8270	10
Bromodichloromethane.....	75-27-4	Methane, bromodichloro-.....		8010	1
				8240	5
Bromoform; Tribromomethane.....	75-25-2	Methane, tribromo-.....		8010	2
				8240	5
4-Bromophenyl phenyl ether.....	101-55-3	Benzene, 1-bromo-4-phenoxy-.....		8270	10
Butyl benzyl phthalate; Benzyl butyl phthalate.....	85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester.....		8060	5
				8270	10
Cadmium.....	(Total)	Cadmium.....		6010	40
				7130	50
				7131	1
				8240	5
Carbon disulfide.....	75-15-0	Carbon disulfide.....		8010	1
Carbon tetrachloride.....	56-23-5	Methane, tetrachloro-.....		8240	5
				8080	0.1
Chlordane.....	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-		8250	10
				8270	20
p-Chloroaniline.....	106-47-8	Benzenamine, 4-chloro-.....		8010	2
Chlorobenzene.....	108-90-7	Benzene, chloro-.....		8020	2
				8240	5
				8270	10
Chlorobenzilate.....	510-15-6	Benzenoacetic acid, 4-chloro-α-(4-chlorophenyl)-α-hydroxy-ethyl ester.....		8040	5
p-Chloro-m-cresol.....	59-50-7	Phenol, 4-chloro-3-methyl-.....		8270	20
				8010	5
Chloroethane; Ethyl chloride.....	75-00-3	Ethane, chloro-.....		8240	10

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		STATUTE	REGULATION		
Common name ²	CAS RN ³	Chemical abstracts service index name ⁴		Sug- gested meth- ods ⁵	PQL (µg/L) ⁶
Chloroform.....	67-86-3	Methane, trichloro-.....		8010 8240	0.5 5
2-Chloronaphthalene.....	91-58-7	Naphthalene, 2-chloro-.....		8120 8270	10 10
2-Chlorophenol.....	95-57-8	Phenol, 2-chloro-.....		8040 8270	5 10
4-Chlorophenyl phenyl ether.....	7005-72-3	Benzene, 1-chloro-4-phenoxy-.....		8270	10
Chloroprene.....	126-99-8	1,3-Butadiene, 2-chloro-.....		8010 8240	50 5
Chromium.....	(Total)	Chromium.....		6010 7190 7191	70 500 10
Chrysene.....	218-01-9	Chrysene.....		8100 8270	200 10
Cobalt.....	(Total)	Cobalt.....		6010 7200 7201	70 500 10
Copper.....	(Total)	Copper.....		6010 7210	60 200
m-Cresol.....	108-39-4	Phenol, 3-methyl-.....		8270	10
o-Cresol.....	95-48-7	Phenol, 2-methyl-.....		8270	10
p-Cresol.....	106-44-5	Phenol, 4-methyl-.....		8270	10
Cyanide.....	57-12-5	Cyanide.....		9010	40
2,4-D; 2,4-Dichlorophenoxyacetic acid.....	94-75-7	Acetic acid, (2,4-dichlorophenoxy)-.....		8150	10
4,4'-DDD.....	72-54-8	Benzene 1,1'-(2,2-dichloroethylidene)bis(4-chloro-.....		8080 8270	0.1 10
4,4'-DDE.....	72-55-9	Benzene 1,1'-(dichloroethylidene)bis(4-chloro-.....		8080 8270	0.05 10
4,4'-DDT.....	50-29-3	Benzene 1,1'-(2,2,2-trichloroethylidene)bis(4-chloro-.....		8080 8270	0.1 10
Diallate.....	2303-18-4	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 8270	200 10
Dibenzofuran.....	132-64-9	Dibenzofuran.....		8270	10
Dibromochloromethane; Chlorodibromo- methane.....	124-48-1	Methane, dibromochloro-.....		8010 8240	1 5
1,2-Dibromo-3-chloropropane; DBCP.....	96-12-6	Propane, 1,2-dibromo-3-chloro-.....		9010 8240 8270	100 5 10
1,2-Dibromoethane; Ethylene dibromide.....	106-93-4	Ethane, 1,2-dibromo-.....		9010 8240	10 5
Di-n-butyl phthalate.....	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester.....		8060 8270	5 10
o-Dichlorobenzene.....	95-50-1	Benzene, 1,2-dichloro-.....		8010 8020 8120 8270	2 5 10 10
m-Dichlorobenzene.....	541-73-1	Benzene, 1,3-dichloro-.....		8010 8020 8120 8270	5 5 10 10
p-Dichlorobenzene.....	106-46-7	Benzene, 1,4-dichloro-.....		8010 8020 8120 8270	2 5 15 10
3,3'-Dichlorobenzidine.....	91-94-1	[1,1'-Biphenyl]-4,4'-diamine 3,3'-dichloro-.....		8270	20
trans-1,4-Dichloro-2-butene.....	110-57-6	2-Butene, 1,4-dichloro-, (E)-.....		8240	5
Dichlorodifluoromethane.....	75-71-8	Methane, dichlorodifluoro-.....		8010 8240	10 5
1,1-Dichloroethane.....	75-34-3	Ethane, 1,1-dichloro-.....		8010 8240	1 5

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Common name ²	CAS RN ³	Chemical abstracts service index name ⁴		Sug- gested meth- ods ⁵	PQL (µg/L) ⁶
1,2-Dichloroethane; Ethylene dichloride	107-06-2	Ethane, 1,2-dichloro-.....		8010	0.5
1,1-Dichloroethylene; Vinylidene chloride.....	75-35-4	Ethene, 1,1-dichloro-.....		8240	5
trans-1,2-Dichloroethylene.....	156-60-5	Ethene, 1,2-dichloro-, (E)-.....		8010	1
2,4-Dichlorophenol.....	120-83-2	Phenol, 2,4-dichloro-.....		8240	5
2,6-Dichlorophenol.....	87-65-0	Phenol, 2,6-dichloro-.....		8040	5
1,2-Dichloropropane	78-87-5	Propane, 1,2-dichloro-.....		8270	10
cis-1,3-Dichloropropene	10081-01-5	1-Propene, 1,3-dichloro-, (Z)-.....		8010	0.5
trans-1,3-Dichloropropene	10081-02-6	1-Propene, 1,3-dichloro-, (E)-.....		8240	5
Dieldrin	60-57-1	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hex- achloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1α,2β,2α,3β ,6β,6α,7β,7α)-.....		8010	20
Diethyl phthalate.....	84-66-2	1,2-Benzenedicarboxylic acid, diethyl ester.....		8240	5
O,O-Diethyl O-2-pyrazinyl phosphorothioate; Thionazin	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.....		8080	0.05
Dimethoate.....	60-51-5	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2- oxoethyl] ester.....		8270	10
p-(Dimethylamino)azobenzene.....	60-11-7	Benzenamine, N,N-dimethyl-4-(phenylazo)-.....		8060	5
7,12-Dimethylbenz[a]anthracene.....	57-97-6	Benz[a]anthracene, 7,12-dimethyl-.....		8270	10
3,3'-Dimethylbenzidine	119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-.....		8270	10
alpha, alpha-Dimethylphenethylamine.....	122-09-8	Benzenoethanamine, α,α-dimethyl-.....		8270	10
2,4-Dimethylphenol.....	105-67-9	Phenol, 2,4-dimethyl-.....		8040	5
Dimethyl phthalate.....	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester.....		8270	10
m-Dinitrobenzene.....	99-85-0	Benzene, 1,3-dinitro-.....		8060	5
4,6-Dinitro-o-cresol	534-52-1	Phenol, 2-methyl-4,6-dinitro-.....		8270	10
2,4-Dinitrophenol.....	51-28-5	Phenol, 2,4-dinitro-.....		8040	150
2,4-Dinitrotoluene.....	121-14-2	Benzene, 1-methyl-2,4-dinitro-.....		8270	50
2,6-Dinitrotoluene.....	606-20-2	Benzene, 2-methyl-1,3-dinitro-.....		8090	0.2
Dinoseb; DNBP; 2-sec-Butyl-4,6-dinitro- phenol	88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-.....		8270	10
Di-n-octyl phthalate	117-84-0	1,2-Benzenedicarboxylic acid, dioctyl ester.....		8150	1
1,4-Dioxane	123-91-1	1,4-Dioxane.....		8270	10
Diphenylamine.....	122-39-4	Benzenamine, N-phenyl-.....		8060	30
Disulfoton.....	298-04-4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)- ethyl]ester.....		8270	10
Endosulfan I	959-98-8	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hex- achloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide, (3α,5αβ,6α,9α ,9aβ)-.....		8080	0.1
Endosulfan II	33213-65-9	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hex- achloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide, (3α,5αα,6β,9β,9αα)-.....		8250	10
Endosulfan sulfate.....	1031-07-8	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hex- achloro-1,5,5a,6,9,9a-hexahydro-, 3,3-dioxide.....		8080	0.5
Endrin.....	72-20-8	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hex- achloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1α, 2β,2αβ,3α,6α, 6aβ,7β,7αα)-.....		8270	10
				8080	0.1
				8250	10

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Common name ²	CAS RN ³	Chemical abstract service index name ⁴		Sig- gested meth- ods ⁵	POL (µg/L) ⁶
Endrin aldehyde.....	7421-93-4	1,2,4-Methenocyclopenta[cd]pentalene-5-carboxaldehyde, 2,2a,3,3,4,7-hexachlorodecahydro-, (1α,2β,2aβ,4β, 4aβ,5β,6aβ,6bβ,7R*)-		8080 8270	v.2 10
Ethylbenzene.....	100-41-4	Benzene, ethyl.....		8020 8240	2 5
Ethyl methacrylate.....	97-83-2	2-Propenoic acid, 2-methyl-, ethyl ester.....		8015 8240 8270	10 5 10
Ethyl methanesulfonate.....	62-50-0	Methanesulfonic acid, ethyl ester.....		8270	10
Famphur.....	52-85-7	Phosphorothioic acid, O-[4- [(dimethylamino)sulfonyl]phenyl]-O,O-dimethyl ester		8270	10
Fluoranthene.....	206-44-0	Fluoranthene.....		8100 8270	200 10
Fluorene.....	86-73-7	9H-Fluorene.....		8100 8270	200 10
Heptachlor.....	76-44-8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro- 3a,4,7,7a-tetrahydro-		8080 8270	0.05 10
Heptachlor epoxide.....	1024-57-3	2,5-Methano-2H-indeno[1,2-b]oxirene, 2,3,4,5,6,7,7-hep- tachloro-1a,1b,5,5a,6,6a,-hexahydro-, (1α,1bβ,2α,5α, 5aβ,6β,6aα)		8080 8270	1 10
Hexachlorobenzene.....	118-74-1	Benzene, hexachloro.....		8120 8270	0.5 10
Hexachlorobutadiene.....	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro.....		8120 8270	5 10
Hexachlorocyclopentadiene.....	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro.....		8120 8270	5 10
Hexachloroethane.....	87-72-1	Ethane, hexachloro.....		8120 8270	0.5 10
Hexachlorophene.....	70-30-4	Phenol, 2,2'-methylenebis[3,4,6-trichloro-.....		8270	10
Hexachloropropene.....	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro.....		8270	10
2-Hexanone.....	591-78-6	2-Hexanone.....		8240	50
Indeno(1,2,3-cd)pyrene.....	193-39-5	Indeno[1,2,3-cd]pyrene.....		8100 8270	200 10
Isobutyl alcohol.....	78-83-1	1-Propanol, 2-methyl-.....		8015	50
Isodrin.....	465-73-6	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro- 1,4,4a,5,8,8a hexahydro-(1α,4α,4aβ,5β,8β,8aβ)-		8270	10
Isophorone.....	78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-.....		8090 8270	60 10
Isosafrole.....	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-.....		8270	10
Kepono.....	143-50-0	1,3,4-Metheno-2H-cyclobuta- [cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-		8270	10
Lead.....	(Total)	Lead.....		6010 7420 7421	40 1,000 10
Mercury.....	(Total)	Mercury.....		7470	2
Methacrylonitrile.....	126-98-7	2-Propenenitrile, 2-methyl-.....		8015 8240	5 5
Methapyrilene.....	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thien- ylmethyl)-		8270	10
Methoxychlor.....	72-43-5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-.....		8080 8270	2 10
Methyl bromide; Bromomethane.....	74-83-9	Methane, bromo.....		8010 8240	20 10
Methyl chloride; Chloromethane.....	74-87-3	Methane, chloro.....		8010 8240	1 10
3-Methylcholanthrene.....	56-49-5	Benz[<i>j</i>]aceanthrylene, 1,2-dihydro-3-methyl-.....		8270	10
Methylene bromide; Dibromomethane.....	74-95-3	Methane, dibromo.....		8010 8240	15 5
Methylene chloride; Dichloromethane.....	75-09-2	Methane, dichloro.....		8010 8240	5 5
Methyl ethyl ketone; MEK.....	78-93-3	2-Butanone.....		8015 8240	10 100
Methyl iodide; Iodomethane.....	74-88-4	Methane, iodo.....		8010 8240	40 5

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		STATUTE	REGULATION		
Common name ²	CAS RN ³	Chemical abstracts service index name ⁴		Sug- gested meth- ods ⁵	PQL (µg/L) ⁶
Methyl methacrylate	80-62-8	2-Propenoic acid, 2-methyl-, methyl ester		8015 8240	2 5
Methyl methanesulfonate	66-27-3	Methanesulfonic acid, methyl ester		8270	10
2-Methylnaphthalene	91-57-6	Naphthalene, 2-methyl		8270	10
Methyl parathion; Parathion methyl	298-00-0	Phosphorothioic acid, O,O-dimethyl O (4-nitrophenyl) ester		8140 8270	0.5 10
4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1	2-Pentanone, 4-methyl		8015 8240	5 50
Naphthalene	91-20-3	Naphthalene		8100 8270	200 10
1,4-Naphthoquinone	130-15-4	1,4-Naphthalenedione		8270	10
1-Naphthylamine	134-32-7	1-Naphthalenamine		8270	10
2-Naphthylamine	91-59-8	2-Naphthalenamine		8270	10
Nickel	(Total)	Nickel		6010 7520	50 400
o-Nitroaniline	88-74-4	Benzenamine, 2-nitro		8270	50
m-Nitroaniline	99-09-2	Benzenamine, 3-nitro		8270	50
p-Nitroaniline	100-01-6	Benzenamine, 4-nitro		8270	50
Nitrobenzene	98-95-3	Benzene, nitro		8090 8270	40 10
o-Nitrophenol	88-75-5	Phenol, 2-nitro		8040 8270	5 10
p-Nitrophenol	100-02-7	Phenol, 4-nitro		8040 8270	10 50
4-Nitroquinoline 1-oxide	56-57-5	Quinoline, 4-nitro-, 1-oxide		8270	10
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	10
N-Nitrosodimethylamine	62-75-9	Methanamine, N-methyl, N-nitroso		8270	10
N-Nitrosodiphenylamine	86-30-6	Benzenamine, N-nitroso-N-phenyl		8270	10
N-Nitrosodipropylamine; Di-n-propylnitrosamine	621-64-7	1-Propanamine, N-nitroso-N-propyl		8270	10
N-Nitrosomethylethylamine	10595-95-6	Ethanamine, N-methyl, N-nitroso		8270	10
N-Nitrosomorpholine	59-89-2	Morpholine, 4-nitroso		8270	10
N-Nitrosopiperidine	100-75-4	Piperidine, 1-nitroso		8270	10
N-Nitrosopyrrolidine	930-55-2	Pyrrolidine, 1-nitroso		8270	10
5-Nitro-o-toluidine	99-55-8	Benzenamine, 2-methyl-5-nitro		8270	10
Parathion	56-38-2	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester		8270	10
Polychlorinated biphenyls; PCBs	See Note 7	1,1'-Biphenyl, chloro derivatives		8080 8250	50 100
Polychlorinated dibenzo-p-dioxins; PCDDs	See Note 8	Dibenzo[b,e][1,4]dioxin, chloro derivatives		8280	0.01
Polychlorinated dibenzofurans; PCDFs	See Note 9	Dibenzofuran, chloro derivatives		8280	0.01
Pentachlorobenzene	808-93-5	Benzene, pentachloro		8270	10
Pentachloroethane	76-01-7	Ethane, pentachloro		8240 8270	5 10
Pentachloronitrobenzene	82-68-8	Benzene, pentachloronitro		8270	10
Pentachlorophenol	87-86-5	Phenol, pentachloro		8040 8270	5 50
Phenacetin	62-44-2	Acetamide, N-(4-ethoxyphenyl)		8270	10
Phenanthrene	85-01-8	Phenanthrene		8100 8270	200 10
Phenol	108-95-2	Phenol		8040 8270	1 10
p-Phenylenediamine	106-50-3	1,4-Benzenediamine		8270	10
Phorate	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester		8140 8270	2 10
2-Picoline	109-06-8	Pyridine, 2-methyl		8240 8270	5 10
Pronamide	23960-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)		8270	10
Propionitrile; Ethyl cyanide	107-12-0	Propanenitrile		8015 8240	60 5
Pyrene	128-00-0	Pyrene		8100 8270	200 10
Pyridine	110-86-1	Pyridine		8240 8270	5 10

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN	
		STATUTE	REGULATION		
Common name ²	CAS RN ²	Chemical abstracts service index name ²		Sug- gested meth- ods ²	PQL (µg/L) ²
Safrole.....	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
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
				8240	5
Sulfide.....	18496-25-8	Sulfide.....		9030	10,000
2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid.....	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-.....		8150	2
2,3,7,8-TCDD; 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-.....		8280	0.005
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
				8240	5
1,1,1,2,2-Tetrachloroethane.....	79-34-5	Ethane, 1,1,1,2,2-tetrachloro-.....		8010	0.5
				8240	5
Tetrachloroethylene; Perchloroethylene; Tetrachloroethene	127-18-4	Ethene, tetrachloro-.....		8010	0.5
				8240	5
2,3,4,6-Tetrachlorophenol.....	58-90-2	Phenol, 2,3,4,6-tetrachloro-.....		8270	10
Tetraethyl dithiopyrophosphate; Sulfotep.....	3689-24-5	Thiodiphosphoric acid [(HO) ₂ P(S)] ₂ O, tetraethyl ester		8270	10
Thallium.....	(Total)	Thallium.....		6010	400
				7840	1,000
				7841	10
Tin.....	(Total)	Tin.....		7870	8,000
Toluene.....	108-88-3	Benzene, methyl-.....		8020	2
				8240	5
o-Toluidine.....	95-53-4	Benzenamine, 2-methyl-.....		8270	10
Toxaphene.....	8001-35-2	Toxaphene.....		8080	2
				8250	10
1,2,4-Trichlorobenzene.....	120-82-1	Benzene, 1,2,4-trichloro-.....		8270	10
1,1,1-Trichloroethane; Methylchloroform.....	71-55-6	Ethane, 1,1,1-trichloro-.....		8240	5
1,1,2-Trichloroethane.....	79-00-5	Ethane, 1,1,2-trichloro-.....		8010	0.2
				8240	5
Trichloroethylene; Trichloroethene.....	79-01-6	Ethene, trichloro-.....		8010	1
				8240	5
Trichlorofluoromethane.....	75-69-4	Methane, trichlorofluoro-.....		8010	10
				8240	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
				8240	5
O,O,O-Triethyl phosphorothioate.....	126-68-1	Phosphorothioic acid, O,O,O-triethyl ester.....		8270	10
sym-Trinitrobenzene.....	99-35-4	Benzene, 1,3,5-trinitro-.....		8270	10
Vanadium.....	(Total)	Vanadium.....		6010	80
				7910	2,000
				7911	40
Vinyl acetate.....	108-05-4	Acetic acid, ethenyl ester.....		8240	5
Vinyl chloride.....	75-01-4	Ethene, chloro-.....		8010	2
				8240	10
Xylene (total).....	1330-20-7	Benzene, dimethyl-.....		8020	5
				8240	5
Zinc.....	(Total)	Zinc.....		6010	20
				7950	50

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.

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

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 names are those used in the 9th Cumulative 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. 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. 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 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 53459-21-9), Aroclor-1248 (CAS RN 12672-29-6), Aroclor-1254 (CAS RN 11097-59-1), and Aroclor-1260 (CAS RN 11096-82-5). The PQL shown is an average value for PCB congeners.

⁸ This category contains congener chemicals, including tetrachlorodibenzo-p-dioxins (see also 2,3,7,8-TCDD), pentachlorodibenzo-p-dioxins, and hexachlorodibenzo-p-dioxins. The PQL shown is an average value for PCDD congeners.

⁹ This category contains congener chemicals, including tetrachlorodibenzofurans, pentachlorodibenzofurans, and hexachlorodibenzofurans. The PQL shown is an average value for PCDF congeners.

PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE
PERMIT PROGRAM

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

remove Appendix VIII, Part 261 reference; replace with Appendix IX, Part 264 reference	270.14(c)(4)(ii)	210 ✓	Equivalent
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RCRA REVISION CHECKLIST 41

Identification and Listing of Hazardous Waste

52 FR 26012

July 10, 1987

(non-HSWA Cluster IV)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES,
CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

container/inner liner residues	261.33(c)	210	Equivalent
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