

Appendix
B

Compound	CAS RN2
1) Acenaphthene; 1,2-Dihydroacenaphthylene	83-32-9
2) Acenaphthylene	208-96-8
3) Acetone; 2-Propanone	67-64-1
4) Acetonitrile; Methyl cyanide	75-05-8
5) Acetophenone; 1-Phenylethanone	98-86-2
6) 2-Acetylaminoflourene; 2-AAF; N-9H-flouren-2-yl-acetamide	53-96-3
7) Acrolein; 2-Propenal	107-02-8
8) Acrylonitrile; 2-Propenenitrile	107-13-1
9) Aldrin; 1,2,3,4,10,10-hexachlora-1,4,4a,5,8,8a-hexahydro(1a,4a,4ab,5a,8a,8ab)-1,4:5,8-Dimethanonaphthalene	309-00-23
10) Allyl chloride; 3-Chloro-1-propene	107-05-1
11) 4-Aminobiphenyl; [1,1'-Biphenyl]-4-amine	92-67-1
12) Anthracene	120-12-7
13) Antimony	See note 4
14) Arsenic	See note 4
15) Barium	See note 4
16) Benzene	71-43-2
17) Benzo[a]anthracene; Benzanthracene	56-55-3
18) Benzo[b]flouranthene; Benz[e]acephenanthylene	205-99-2
19) Benzo[k]flouranthene	207-08-9
20) Benzo[ghi]perylene	191-24-2
21) Benzo[a]pyrene	50-32-8
22) Benzyl alcohol; Benzenemethanol	100-51-6
23) Beryllium	See note 4
24) alpha-BHC; 1,2,3,4,5,6-Hexachlorocyclohexane, (1a,2a,3b,4a,5b,6b)	319-84-63
25) beta-BHC; 1,2,3,4,5,6-Hexachlorocyclohexane, (1a,2b,3a,4b,5a,6b)	319-85-73
26) delta-BHC; 1,2,3,4,5,6-Hexachlorocyclohexane, (1a,2a,3a,4b,5a,6b)	319-86-83
27) gamma-BHC; Lindane; 1,2,3,4,5,6-Hexachlorocyclohexane, (1a,2a,3b,4a,5a,6b)	58-89-93
28) bis(2-Chloroethoxy)methane; 1,1'-[methylenebis(oxy)]bis[2-chloroethane]	111-91-1
29) bis(2-Chloroethyl) ether; Dichloroethyl ether; 1,1'-oxybis[2-Chloroethane]	111-44-4
30) bis-(2-Chloro-1-methylethyl) Ether; 2,2'-Dichlorodiisopropyl ether; DCIP; 2,2'-oxybis[1-Chloropropane]	108-60-15
31) bis(2-Ethylhexyl) Phthalate; 1,2-Benzenedicarboxylic acid, bis(2-Ethylhexyl) ester	117-81-7
32) Bromochloromethane; Chlorobromomethane	74-97-5
33) Bromodichloromethane; Dibromochloromethane	75-27-4
34) Bromoform; Tribromomethane	75-25-2
35) 4-Bromophenyl phenyl ether; 1-Bromo-4-phenoxy-benzene	101-55-3
36) Butyl benzyl phthalate; Benzyl butyl phthalate; 1,2-Benzenedicarboxylic acid, Butyl phenylmethyl ester	85-68-7
37) Cadmium	See note 4

38)	Carbon disulfide	75-15-0
39)	Carbon tetrachloride; Tetrachloromethane	56-23-5
40)	Chlordane; 1,2,4,5,6,8,8-octochloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene.	See note 6
41)	p-Chloroaniline; 4-Chlorobenzenamine.....	106-47-8
42)	Chlorobenzene.....	108-90-7
43)	Chlorobenzilate; 4-Chloro-a-(4-Chlorophenyl)-a-Hydroxybenzeneacetic acid, Ethyl ester	510-15-6
44)	p-Chloro-m-Cresol; 4-Chloro-3-Methylphenol.....	59-50-7
45)	Chloroethane; Ethyl chloride.....	75-00-3
46)	Chloroform; Trichloromethane.....	67-66-3
47)	2-Chloronaphthalene.....	91-58-7
48)	2-Chlorophenol.....	95-57-8
49)	4-Chlorophenyl phenyl ether; 1-Chloro-4-phenoxy benzene...7005-72-3	
50)	Chloroprene; 2-Chloro-1,3-butadiene.....	126-99-8
51)	Chromium	See note 4
52)	Chrysene.....	218-01-9
53)	Cobalt	See note 4
54)	Copper	See note 4
55)	m-Cresol; 3-Methylphenol.....	108-39-4
56)	o-Cresol; 2-Methylphenol.....	95-48-7
57)	p-Cresol; 4-Methylphenol.....	106-44-5
58)	Cyanide.....	57-12-5
59)	2,4-D; 2,4-Dichlorophenoxyacetic acid.....	94-75-7
60)	4,4'-DDD; 1,1'-(2,2-Dichloroethylidene)bis [4-chlorobenzene].....	72-54-8
61)	4,4'-DDE; 1,1'-(2,2-Dichloroethenylidene)bis [4-chlorobenzene].....	72-55-9
62)	4,4'-DDT; 1,1'-(2,2,2-Trichloroethylidene)bis [4-chlorobenzene].....	50-29-3
63)	Diallate; bis(1-Methylethyl)-carbamoic acid S-(2,3-Dichloro-2-propenyl) ester.....	2303-16-4
64)	Dibenz[a,h]anthracene.....	53-70-3
65)	Dibenzofuran.....	132-64-9
66)	Dibromocholormethane; Chlorodibromomethane.....	124-48-1
67)	1,2-Dibromo-3-chloropropane; DBCP.....	96-12-8
68)	1,2-Dibromoethane; Ethylene dibromide; EDB	106-93-4
69)	Di-n-butyl phthalate; 1,2-Benzenedicarboxylic acid dibutyl ester.....	84-74-2
70)	o-Dichlorobenzene; 1,2-Dichlorobenzene.....	95-50-1
71)	m-Dichlorobenzene; 1,3-Dichlorobenzene.....	541-73-1
72)	p-Dichlorobenzene; 1,4-Dichlorobenzene.....	106-46-7
73)	3,3'-Dichlorobenzidine; 3,3'-Dichloro-[1,1'-bi phenyl]-4,4'-diamine.....	91-94-1
74)	trans-1,4-Dichloro-2-butene.....	110-57-6
75)	Dichlorodifluoromethane; CFC 12.....	75-71-8
76)	1,1-Dichloroethane; Ethylidene chloride.....	75-34-3
77)	1,2-Dichloroethane; Ethylene dichloride.....	107-06-2
78)	1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride.....	75-35-4
79)	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene.....	156-59-2
80)	trans-1,2-Dichloroethylene; trans-1,2-Dichloro ethene	156-60-5

81)	2,4-Dichlorophenol.....	120-83-2
82)	2,6-Dichlorophenol.....	87-65-0
83)	1,2-Dichloropropane; Propylene dichloride.....	78-87-5
84)	1,3-Dichloropropane; Trimethylene dichloride.....	142-28-9
85)	2,2-Dichloropropane; Isopropylidene chloride.....	594-20-7
86)	1,1-Dichloropropene; 1,1-Dichloro-1-propene.....	563-58-6
87)	cis-1,3-Dichloropropene;.....	10061-01-5
88)	trans-1,3-Dichloropropene.....	10061-02-6
89)	Dieldrin; 3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a, 7,7a-octahydro-2,7:3,6-dimethanonaphthalene [2,3-b]oxirene, (1aa,2b,2aa,3b,6b,6aa,7b,7aa).....	60-57-13
90)	Diethyl phthalate; 1,2-Benzenedicarboxylic acid, Diethyl ester.....	84-66-2
91)	O,O-Diethyl O-2-Pyrazinyl phosphorothioate; Thionazin. . .	297-97-2
92)	Dimethoate; Phosphorodithioic acid O,O-Dimethyl-S- [2-(methylamino)-2-oxoethyl] ester.....	60-51-5
93)	p-(Dimethylamino)azobenzene; N,N-Dimethyl-4- (phenylazo)benzenamine.....	60-11-7
94)	7,12-Dimethylbenz[a]anthracene.....	57-97-6
95)	3,3'-Dimethylbenzidine; 3,3'-Dimethyl[1,1'bi phenyl]-4,4'-diamine.....	119-93-7
96)	2,4-Dimethylphenol; m-Xylenol.....	105-67-9
97)	Dimethyl phthalate; 1,2-Benzenedicarboxylic acid, dimethyl ester.....	131-11-3
98)	m-Dinitrobenzene.....	99-65-0
99)	4,6-Dinitro-o-cresol; 4,6-Dinitro-2-methylphenol; 2-Methyl-4,6-dinitrophenol.....	534-52-1
100)	2,4-Dinitrophenol.....	51-28-5
101)	2,4-Dinitrotoluene; 1-Methyl-2,4-dinitrobenzene.....	121-14-2
102)	2,6-Dinitrotoluene; 2-Methyl-1,3-dinitrobenzene.....	606-20-2
103)	Dinoseb; DMBP; 2-sec-Butyl-4,6-dinitrophenol; 2-(1-Methylpropyl)-4,5-dinitrophenol.....	88-85-7
104)	Di-n-octyl phthalate; 1,2-Benzenedicarboxylic acid, Dioctyl ester.....	117-84-0
105)	Diphenylamine; N-phenylbenzenamine.....	122-39-4
106)	Disulfoton; Phosphorodithioic acid O,O-diethyl S-[2-(ethylthio)ethyl] ester.....	298-04-4
107)	Endosulfan I; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9, 9a-hexahydro-6,9-methano-2,4,3-benzodioxo thiepin, 3-oxide.....	959-98-8
108)	Endosulfan II; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9, 9a-hexahydro-6,9-methano-2,4,3-benzodioxo thiepin, 3-oxide (3a,5aa,6b,9b,9aa).....	33213-65-93
109)	Endosulfan sulfate; 6,7,8,9,10,10-hexachloro-1,5,5a,6,9, 9a-hexahydro-6,9-methano-2,4,3-benzodioxo thiepin, 3-3-dioxide.....	1031-07-8
110)	Endrin; 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-2,7:3,6-dimethanonaphth[2,3- b]oxirene, (1aa,2b,2ab,3a,6a,6ab,7b,7aa).....	72-20-83
111)	Endrin aldehyde; 2,2a,3,3,4,7-hexachlorodecahydro- 1,2,4-methenocyclopenta[cd]pentalene-5-carboxaldehyde, (1a,2b,2ab,4b,4ab,5b,6ab,6bb,7r*).....	7421-93-43

112)	Ethylbenzene.....	100-41-4
113)	Ethyl methacrylate; 2-Methyl-2-propenoic acid, ethyl ester.....	97-63-2
114)	Ethyl methanesulfonate; Methanesulfonic acid, ethyl ester.....	62-50-0
115)	Famphur; Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl]0,0-dimethyl ester.....	52-85-7
116)	Flouranthene.....	206-44-0
117)	Flourene; 9H-flourene.....	86-73-7
118)	Heptachlor; 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene.....	76-44-8
119)	Heptachlor epoxide; 2,3,4,5,6,7,7-Heptachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2h-indeno [1,2-b]oxirene, (1aa,1bb,2a,5a,5ab,6b,6aa).....	1024-57-33
120)	Hexachorobenzene.....	118-74-1
121)	Hexachlorobutadiene; 1,1,2,3,4,4-Hexachloro-1,3-butadiene.....	87-68-3
122)	Hexachlorocyclopentadiene; 1,2,3,4,5,5-Hexachloro-1,3-cyclopentadiene.....	77-47-4
123)	Hexachloroethane.....	67-72-1
124)	Hexachloropropene; 1,1,2,3,3,3-Hexachloro-1-propene.....	1888-71-7
125)	2-Hexanone; Methyl butyl ketone.....	591-78-6
126)	Indeno(1,2,3-cd)pyrene.....	193-39-5
127)	Isobutyl alcohol; 2-Methyl-1-propanol.....	78-83-1
128)	Isodrin; 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-dimethanonaphthalene, (1a,4a,4ab,5b,8b,8ab).....	465-73-63
129)	Isophorone; 3,5,5-Trimethyl-2-cyclohexen-1-one.....	78-59-1
130)	Isosafrole; 5-(1-Propenyl)-1,3-benzodioxole.....	120-58-1
131)	Kepone; 1,1a,3,3a,4,5,5a,5b,6-decachlorocta hydro-1,3,4-methano-2H-cyclobuta[cd9]pentalen-2-one.....	143-50-0
132)	Lead.....	See note 4
133)	Mercury.....	See note 4
134)	Methacrylonitrile; 2-Methyl-2-propenenitrile.....	126-98-7
135)	Methapyrilene; N,N-dimethyl-N'-2-pyridinyl-N'-(1/2-thienylmethyl)-1,2-ethanediamine.....	91-80-5
136)	Methoxychlor; 1,1'-(2,2,2-Trichloroethylidene)bis [4-Methoxybenzene].....	72-43-5
137)	Methyl bromide; Bromomethane.....	74-83-9
138)	Methyl chloride; Chloromethane.....	74-87-3
139)	3-Methylcholanthrene; 1,2-Dihydro-3-methylbenze[j]aceanthrylene.....	56-49-5
140)	Methyl ethyl ketone; MEK; 2-Butanone.....	78-93-3
141)	Methyl iodide; Iodomethane.....	74-88-4
142)	Methyl methacrylate; 2-Methyl-2-propenoic acid, methyl ester.....	80-62-6
143)	Methyl methanesulfonate; Methanesulfonic acid, methyl ester.....	66-27-3
144)	2-Methylnaphthalene.....	91-57-6
145)	Methyl parathion; Parathion methyl; Phosphorothioic acid, 0,0-dimethyl 0-(4-nitrophenyl) ester.....	298-00-0
146)	4-Methyl-2-pentanone; Methyl isobutyl ketone.....	108-10-1

147)	Methylene bromide; Dibromomethane.....	74-95-3
148)	Methylene chloride; Dichloromethane.....	75-09-2
149)	Naphthalene.....	91-20-3
150)	1,4-Naphthoquinone; 1,4-Naphthalenedione.....	130-15-4
151)	1-Naphthylamine; 1-Naphthalenamine.....	134-32-7
152)	2-Naphthylamine; 2-Naphthalenamine.....	91-59-8
153)	Nickel	See note 4
154)	o-Nitroaniline; 2-Nitroaniline; 2-Nitrobenzenamine	88-74-4
155)	m-Nitroaniline; 3-Nitroaniline; 3-Nitrobenzenamine	99-09-2
156)	p-Nitroaniline; 4-Nitroaniline; 4-Nitrobenzenamine . . .	100-01-6
157)	Nitrobenzene	98-95-3
158)	o-Nitrophenol; 2-Nitrophenol.....	88-75-5
159)	p-Nitrophenol; 4-Nitrophenol.....	100-02-7
160)	N-Nitrosodi-n-butylamine; N-Butyl-N-Nitroso-1-butanamine. .	924-16-3
161)	N-Nitrosodiethylamine; N-Ethyl-N-nitroso ethanamine	55-18-5
162)	N-Nitrosodimethylamine; N-Methyl-N-nitroso methanamine .	62-75-9
163)	N-Nitrosodiphenylamine; N-Nitroso-N-phenyl benzenamine.	86-30-6
164)	N-Nitrosodipropylamine; N-Nitroso-N-dipropylamine; di-n-propylnitrosamine; N-Nitroso-N-propyl- 1-propanamine..	621-64-7
165)	N-Nitrosomethylethylamine; N-Methyl-N-nitroso ethanamine.....	10595-95-6
166)	N-Nitrosopiperidine; 1-Nitrosopiperidine.....	100-75-4
167)	N-Nitrosopyrrolidine; 1-Nitrosopyrrolidine.....	930-55-2
168)	5-Nitro-o-toluidine; 2-Methyl-5-nitrobenzenamine	99-55-8
169)	Parathion; Phosphorothioic acid, O,O-diethyl O- (4-nitrophenyl) ester.....	56-38-2
170)	Pentachlorobenzene.....	608-93-5
171)	Pentachloronitrobenzene.....	82-68-8
172)	Pentachlorophenol.....	87-86-5
173)	Phenacetin; N-(4-Ethoxyphenyl)acetamide.....	62-44-2
174)	Phenanthrene.....	85-01-8
175)	Phenol.....	108-95-2
176)	p-Phenylenediamine; 1,4-Benzenediamine.....	106-50-3
177)	Phorate; Phosphorodithioic acid, O,O-Diethyl S- [(ethylthio)methyl] ester.....	298-02-2
178)	Polychlorinated biphenyls; PCBs; aroclors; 1,1'-Biphenyl, chloro derivatives	See note 7
179)	Pronamide; 3,5-Dichloro-N-(1,1-dimethyl-2- propynyl)benzamide.....	23950-58-5
180)	Propionitrile; Ethyl cyanide.....	107-12-0
181)	Pyrene.....	129-00-0
182)	Safrole; 5-(2-Propenyl)-1,3-benzodioxole.....	94-59-1
183)	Selenium	See note 4
184)	Silver	See note 4
185)	Silvex; 2,4,5-TP; 2-(2,4,5-Trichlorophenoxy)propanoic acid.....	93-72-1
186)	Styrene; Ethenylbenzene.....	100-42-5
187)	Sulfide.....	18496-25-8
188)	2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid.....	93-76-5
189)	1,2,4,5-Tetrachlorobenzene.....	95-94-3
190)	1,1,1,2-Tetrachloroethane.....	630-20-6
191)	1,1,2,2-Tetrachloroethane.....	79-34-5

192)	Tetrachloroethylene; Tetrachloroethene; Perchloroethylene.....	127-18-4
193)	2,3,4,6-Tetrachlorophenol.....	58-90-2
194)	Thallium	See note 4
195)	Tin	See note 4
196)	Toluene; Methylbenzene	108-88-3
197)	o-Toluidine; 2-Methylbenzenamine.....	95-53-4
198)	Toxaphene	See note 8
199)	1,2,4-Trichlorobenzene.....	120-82-1
200)	1,1,1-Trichloroethane; Methylchloroform.....	71-55-6
201)	1,1,2-Trichloroethane.....	79-00-5
202)	Trichloroethylene; Trichloroethene.....	79-01-6
203)	Trichlorofluoromethane; CFC-11.....	75-69-4
204)	2,4,5-Trichlorophenol.....	95-95-4
205)	2,4,6-Trichlorophenol.....	88-06-2
206)	1,2,3-Trichloropropane.....	96-18-4
207)	o,o,o-Triethyl phosphorothioate; Phosphorothioic acid, o,o,o-triethyl ester	126-68-1
208)	sym-Trinitrobenzene; 1,3,5-Trinitrobenzene	99-35-4
209)	Vanadium	See note 4
210)	Vinyl acetate; Acetic acid, ethenyl ester	108-05-4
211)	Vinyl chloride; Chloroethene.....	75-01-4
212)	Xylene (total); Dimethylbenzene	See note 9
213)	Zinc	See note 4

- Note 1: Common names are those widely used in government regulation, scientific publications, and commerce; synonyms exist for many chemicals.
- Note 2: Chemical Abstract Service registry number. Where "total" is entered, all species in ground water that contain this element are included.
- Note 3: When numbers and letters appear in this form at the end of a chemical name, i.E. (1a,4a,4aB,5a,8a,8aB), the following applies: "a" = small case "a"; "a" (italic) = alpha; "b" = small case "b"; and "B" (italic) = beta.
- Note 4: Analysis for these compounds shall be representative of the quality background ground water that has not been affected by past or present operations at the sanitary landfill facility and representative of the quality of ground water passing directly downgradient of the limits of solid waste placement.
- Note 5: CAS No. 108-60-1. This substance is often called bis(2-Chloroisopropyl) ether, the name Chemical Abstracts Service applies to its commercial isomer, propane, 2,2"-oxybis[2-Chloro-(CAS RN 39638-32-9)].
- Note 6: 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 54-74-9 and CAS RN 12789-03-06).
- Note 7: Polychlorinated biphenols (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).

Note 8: Toxaphene: This entry includes congener chemicals contained in technical toxaphene (CAS RN 8001-35-2, i.e., chlorinated camphene).

Note 9: 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).