

Number	Parameter	CAS RN	Note
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		1
14	Arsenic		1
15	Barium		1
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		1
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)	58-89-9	
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'-Dichlorodiisopropylether; DCIP; 2,2'-oxybis[1-Chloropropane]	108-60-1	2
31	bis(2-Ethylhexyl) Phthalate; 1,2-Benzenedicarboxylicacid, 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	

Number	Parameter	CAS RN	Note
36	Butyl benzyl phthalate; Benzyl butyl phthalate; 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7	
37	Cadmium		1
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		3
41	p-Chloroaniline; 4-Chlorobenzenamine	106-47-8	
42	Chlorobenzene	108-90-7	
43	Chlorobenzilate; 4-Chloro-a-(4-Chlorophenyl)-a-Hydroxybenzeneaceticacid, 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		1
52	Chrysene	218-01-9	
53	Cobalt		1
54	Copper		1
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-Dichloroethylenylidene)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)-carbamoithic 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	Dibromochloromethane; Chlorodibromomethane	124-48-1	
67	Di-n-butyl phthalate; 1,2-Benzenedicarboxylicacid dibutyl ester	84-74-2	
68	o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1	
69	m-Dichlorobenzene; 1,3-Dichlorobenzene	541-73-1	
70	p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7	
71	3,3'-Dichlorobenzidine; 3,3'-Dichloro-[1,1'-biphenyl]-4,4'-diamine	91-94-1	
72	trans-1,4-Dichloro-2-butene	110-57-6	
73	Dichlorodifluoromethane; CFC 12	75-71-8	
74	1,1-Dichloroethane; Ethylidene chloride	75-34-3	

Number	Parameter	CAS RN	Note
75	1,2-Dichloroethane; Ethylene dichloride	107-06-2	
76	1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride	75-35-4	
77	cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2	
78	trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	156-60-5	
79	2,4-Dichlorophenol	120-83-2	
80	2,6-Dichlorophenol	87-65-0	
81	1,2-Dichloropropane; Propylene dichloride	78-87-5	
82	1,3-Dichloropropane; Trimethylene dichloride	142-28-9	
83	2,2-Dichloropropane; Isopropylidene chloride	594-20-7	
84	1,1-Dichloropropene; 1,1-Dichloro-1-propene	563-58-6	
85	cis-1,3-Dichloropropene;	10061-01-5	
86	trans-1,3-Dichloropropene	10061-02-6	
87	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)	60-57-1	
88	Diethyl phthalate; 1,2-Benzenedicarboxylicacid, diethyl ester	84-66-2	
89	O,O-Diethyl O-2-Pyrazinyl phosphorothioate; Thionazin	297-97-2	
90	Dimethoate; Phosphorodithioic acid O,O-Dimethyl-S[2-(methylamino)-2-oxoethyl]ester	60-51-5	
91	p-(Dimethylamino)azobenzene; N,N-Dimethyl-4-(phenylazo)benzenamine	60-11-7	
92	7,12-Dimethylbenz[a]anthracene	57-97-6	
93	3,3'-Dimethylbenzidine; 3,3'-Dimethyl[1,1'biphenyl]-4,4'-diamine	119-93-7	
94	2,4-Dimethylphenol; m-Xylenol	105-67-9	
95	Dimethyl phthalate; 1,2-Benzenedicarboxylicacid, dimethyl ester	131-11-3	
96	m-Dinitrobenzene	99-65-0	
97	4,6-Dinitro-o-cresol; 4,6-Dinitro-2-methylphenol; 2-Methyl-4,6-dinitrophenol	534-52-1	
98	2,4-Dinitrophenol	51-28-5	
99	2,4-Dinitrotoluene; 1-Methyl-2,4-dinitrobenzene	121-14-2	
100	2,6-Dinitrotoluene; 2-Methyl-1,3-dinitrobenzene	606-20-2	
101	Dinoseb; DMBP; 2-sec-Butyl-4,6-dinitrophenol; 2-(1-Methylpropyl)-4,5-dinitrophenol	88-85-7	
102	Di-n-octyl phthalate; 1,2-Benzenedicarboxylicacid, dioctyl ester	117-84-0	
103	Diphenylamine; N-phenylbenzenamine	122-39-4	
104	Disulfoton; Phosphorodithioic acid O,O-diethylS-[2-(ethylthio)ethyl] ester	298-04-4	
105	Endosulfan I; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin, 3-oxide	959-98-8	
106	Endosulfan II; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin, 3-oxide (3a,5aa,6b,9b,9aa)	33213-65-93	
107	Endosulfan sulfate; 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin, 3-3-dioxide	1031-07-8	

Number	Parameter	CAS RN	Note
108	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)	72-20-8	
109	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*)	7421-93-4	
110	Ethylbenzene	100-41-4	
111	Ethyl methacrylate; 2-Methyl-2-propenoic acid, ethyl ester	97-63-2	
112	Ethyl methanesulfonate; Methanesulfonic acid, ethyl ester	62-50-0	
113	Famphur; Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl]0,0-dimethyl ester	52-85-7	
114	Flouranthene	206-44-0	
115	Flourene; 9H-flourene	86-73-7	
116	Heptachlor; 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene	76-44-8	
117	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	
118	Hexachorobenzene	118-74-1	
119	Hexachlorobutadiene; 1,1,2,3,4,4-Hexachloro-1,3-butadiene	87-68-3	
120	Hexachlorocyclopentadiene; 1,2,3,4,5,5-Hexachloro-1,3-cyclopentadiene	77-47-4	
121	Hexachloroethane	67-72-1	
122	Hexachloropropene; 1,1,2,3,3,3-Hexachloro-1-propene	1888-71-7	
123	2-Hexanone; Methyl butyl ketone	591-78-6	
124	Indeno(1,2,3-cd)pyrene	193-39-5	
125	Isobutyl alcohol; 2-Methyl-1-propanol	78-83-1	
126	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)	465-73-6	
127	Isophorone; 3,5,5-Trimethyl-2-cyclohexen-1-one	78-59-1	
128	Isosafrole; 5-(1-Propenyl)-1,3-benzodioxole	120-58-1	
129	Kepone; 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-1,3,4-methano-2H-cyclobuta[cd9]pentalen-2-one	143-50-0	
130	Lead		1
131	Mercury		1
132	Methacrylonitrile; 2-Methyl-2-propenenitrile	126-98-7	
133	Methapyrilene; N,N-dimethyl-N'-2-pyridinyl-N'-(1/2-thienylmethyl)-1,2-ethanediamine	91-80-5	
134	Methoxychlor; 1,1'-(2,2,2-Trichloroethylidene)bis[4-Methoxybenzene]	72-43-5	
135	Methyl bromide; Bromomethane	74-83-9	
136	Methyl chloride; Chloromethane	74-87-3	
137	3-Methylcholanthrene; 1,2-Dihydro-3-methylbenze[j]aceanthrylene	56-49-5	
138	Methyl ethyl ketone; MEK; 2-Butanone	78-93-3	
139	Methyl iodide; Iodomethane	74-88-4	
140	Methyl methacrylate; 2-Methyl-2-propenoic acid, methylester	80-62-6	

Number	Parameter	CAS RN	Note
141	Methyl methanesulfonate; Methanesulfonic acid, methylester	66-27-3	
142	2-Methylnaphthalene	91-57-6	
143	Methyl parathion; Parathion methyl; Phosphorothioic acid, 0,0-dimethyl 0-(4-nitrophenyl) ester	298-00-0	
144	4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1	
145	Methylene bromide; Dibromomethane	74-95-3	
146	Methylene chloride; Dichloromethane	75-09-2	
147	Naphthalene	91-20-3	
148	1,4-Naphthoquinone; 1,4-Naphthalenedione	130-15-4	
149	1-Naphthylamine; 1-Naphthalenamine	134-32-7	
150	2-Naphthylamine; 2-Naphthalenamine	91-59-8	
151	Nickel		1
152	o-Nitroaniline; 2-Nitroaniline; 2-Nitrobenzenamine	88-74-4	
153	m-Nitroaniline; 3-Nitroaniline; 3-Nitrobenzenamine	99-09-2	
154	p-Nitroaniline; 4-Nitroaniline; 4-Nitrobenzenamine	100-01-6	
155	Nitrobenzene	98-95-3	
156	o-Nitrophenol; 2-Nitrophenol	88-75-5	
157	p-Nitrophenol; 4-Nitrophenol	100-02-7	
158	N-Nitrosodi-n-butylamine; N-Butyl-N-Nitroso-1-butanamine	924-16-3	
159	N-Nitrosodiethylamine; N-Ethyl-N-nitroso ethanamine	55-18-5	
160	N-Nitrosodimethylamine; N-Methyl-N-nitroso methanamine	62-75-9	
161	N-Nitrosodiphenylamine; N-Nitroso-N-phenyl benzenamine	86-30-6	
162	N-Nitrosodipropylamine; N-Nitroso-N-dipropylamine; di-n-propylnitrosamine; N-Nitroso-N-propyl-1-propanamine	621-64-7	
163	N-Nitroso(methyl)ethylamine; N-Methyl-N-nitrosoethanamine	10595-95-6	
164	N-Nitrosopiperidine; 1-Nitrosopiperidine	100-75-4	
165	N-Nitrosopyrrolidine; 1-Nitrosopyrrolidine	930-55-2	
166	5-Nitro-o-toluidine; 2-Methyl-5-nitrobenzenamine	99-55-8	
167	Parathion; Phosphorothioic acid, O,O-diethyl O(4-nitrophenyl)ester	56-38-2	
168	Pentachlorobenzene	608-93-5	
169	Pentachloronitrobenzene	82-68-8	
170	Pentachlorophenol	87-86-5	
171	Phenacetin; N-(4-Ethoxyphenyl)acetamide	62-44-2	
172	Phenanthrene	85-01-8	
173	Phenol	108-95-2	
174	p-Phenylenediamine; 1,4-Benzenediamine	106-50-3	
175	Phorate; Phosphorodithioic acid, O,O-Diethyl S[(ethylthio)methyl]ester	298-02-2	
176	Polychlorinated biphenyls; PCBs; aroclors; 1,1'-Biphenyl, chloro derivatives		4
177	Pronamide; 3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide	23950-58-5	
178	Propionitrile; Ethyl cyanide	107-12-0	
179	Pyrene	129-00-0	

Number	Parameter	CAS RN	Note
180	Safrole; 5-(2-Propenyl)-1,3-benzodioxole	94-59-7	
181	Selenium		1
182	Silver		1
183	Silvex; 2,4,5-TP; 2-(2,4,5-Trichlorophenoxy)propanoic acid	93-72-1	
184	Styrene; Ethenylbenzene	100-42-5	
185	Sulfide	18496-25-8	
186	2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid	93-76-5	
187	1,2,4,5-Tetrachlorobenzene	95-94-3	
188	1,1,1,2-Tetrachloroethane	630-20-6	
189	1,1,2,2-Tetrachloroethane	79-34-5	
190	Tetrachloroethylene; Tetrachloroethene; Perchloroethylene	127-18-4	
191	2,3,4,6-Tetrachlorophenol	58-90-2	
192	Thallium		1
193	Tin		1
194	Toluene; Methylbenzene	108-88-3	
195	o-Toluidine; 2-Methylbenzenamine	95-53-4	
196	Toxaphene		5
197	1,2,4-Trichlorobenzene	120-82-1	
198	1,1,1-Trichloroethane; Methylchloroform	71-55-6	
199	1,1,2-Trichloroethane	79-00-5	
200	Trichloroethylene; Trichloroethene	79-01-6	
201	Trichlorofluoromethane; CFC-11	75-69-4	
202	2,4,5-Trichlorophenol	95-95-4	
203	2,4,6-Trichlorophenol	88-06-2	
204	1,2,3-Trichloropropane	96-18-4	
205	o,o,o-Triethyl phosphorothioate; Phosphorothioic acid,o,o,o-triethyl ester	126-68-1	
206	sym-Trinitrobenzene; 1,3,5-Trinitrobenzene	99-35-4	
207	Vanadium		1
208	Vinyl acetate; Acetic acid, ethenyl ester	108-05-4	
209	Vinyl chloride; Chloroethene	75-01-4	
210	Xylene (total); Dimethylbenzene		6
211	Zinc		1

Note 1: 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 2: 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 3: 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 4: 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 5: Toxaphene: This entry includes congener chemicals contained in technical toxaphene (CAS RN 8001-35-2, i.e., chlorinated camphene).

Note 6: 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).