

Appendix I

Compound: ¹	CAS RN: ²
1) Antimony ³	7440-36-0
2) Arsenic ³	7440-38-2
3) Barium ³	7440-39-3
4) Beryllium ³	7440-41-7
5) Cadmium ³	7440-43-9
6) Chromium ³	7440-47-3
7) Cobalt ³	Total
8) Copper ³	7440-50-8
9) Lead ³	7439-92-1
10) Nickel ³	7440-02-0
11) Selenium ³	7782-49-2
12) Silver ³	Total
13) Thallium ³	7440-28-0
14) Vanadium ³	7440-62-2
15) Zinc ³	7440-66-6
16) Acetone	67-64-1
17) Acrylonitrile	107-13-1
18) Benzene	71-43-2
19) Bromochloromethane	74-97-5
20) Bromodichloromethane	75-27-4
21) Bromoform; Tribromomethane	75-25-2
22) Carbon disulfide	75-15-0
23) Carbon tetrachloride	56-23-5
24) Chlorobenzene	108-90-7
25) Chloroethane; Ethyl chloride	75-00-3
26) Chloroform; Trichloromethane	67-66-3
27) Dibromochloromethane; Chlorodibromomethane	124-48-1
28) 1,2-Dibromo-3-chloropropane; DBCP	96-12-8
29) 1,2 Dibromoethane; Ethylene dibromide; EDB	106-93-4
30) o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1
31) p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7
32) trans-1,4-Dichloro-2-butene	110-57-6
33) 1,1-Dichloroethane; Ethylidene chloride	75-34-3

34) 1,2-Dichloroethane; Ethylidene dichloride	107-06-2
35) 1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride	75-35-4
36) cis-1,2-Dichloroethylene; cis-1,2-Dichloro- ethene	156-59-2
37) trans-1,2-Dichloroethylene; trans-1,2-Dichloro- ethene	156-60-5
38) 1,2-Dichloropropane; Propylene dichloride	78-87-5
39) cis-1,3-Dichloropropene	10061-01-5
40) trans-1,3-Dichloropropene	10061-02-6
41) Ethylbenzene	100-41-4
42) 2-Hexanone; Methyl butyl ketone	591-78-6
43) Methyl bromide; Bromomethane	74-83-9
44) Methyl chloride; Chloromethane	74-87-3
45) Methylene bromide; Dibromomethane	74-95-3
46) Methylene chloride; Dichloromethane	75-09-2
47) Methyl ethyl ketone; MEK; 2-Butanone	78-93-3
48) Methyl iodide; iodomethane	74-88-4
49) 4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1
50) Styrene	100-42-5
51) 1,1,1,2-Tetrachloroethane	630-20-6
52) 1,1,2,2-Tetrachloroethane	79-34-5
53) Tetrachloroethylene; Tetrachloroethene; Perchloroethylene	127-18-4
54) Toluene	108-88-3
55) 1,1,1-Trichloroethane; Methylchloroform	71-55-6
56) 1,1,2-Trichloroethane	79-00-5
57) Trichloroethylene; Trichloroethene	79-01-6
58) Trichlorofluoromethane; CFC-11	75-69-4
59) 1,2,3-Trichloropropane	96-18-4
60) Vinyl acetate	108-05-4
61) Vinyl chloride	75-01-4
62) Xylenes	1330-20-7
63) Ammonia	7664-41-7
64) Chloride	
65) Sodium	
66) Potassium	
67) Temperature	
68) pH	

69) Specific conductance	
70) Total dissolved solids	
71) Total alkalinity	
72) Nitrate-nitrite	
73) Sulfate	14808-79-8
74) Magnesium	7439-95-4
75) Calcium	7440-70-2
76) Turbidity	
77) Iron	7439-89-6
78) Manganese	7439-96-5

Note 1: Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.

Note 2: Chemical Abstract Service registry number.

Note 3: 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 4: 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).