

*** DRAFT – NOT FOR FILING ***

3745-506-803 [Sanitary landfill facility - ground water monitoring parameter list.](#)

[This rule contains the common names of parameters that are widely used in government regulation, scientific publications, and commerce. However, synonyms may exist for many parameters. The chemical abstract service registry number \(CAS RN\) for each parameter has been provided.](#)

[\(A\) Metals. The metals include all species in ground water that contain the element.](#)

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<u>Parameter:</u>	<u>CAS RN:</u>
<u>1) Antimony</u>	<u>7440-36-0</u>
<u>2) Arsenic</u>	<u>7440-38-2</u>
<u>3) Barium</u>	<u>7440-39-3</u>
<u>4) Beryllium</u>	<u>7440-41-7</u>
<u>5) Cadmium</u>	<u>7440-43-9</u>
<u>6) Chromium</u>	<u>7440-47-3</u>
<u>7) Cobalt</u>	<u>7440-48-4</u>
<u>8) Copper</u>	<u>7440-50-8</u>
<u>9) Lead</u>	<u>7439-92-1</u>
<u>10) Nickel</u>	<u>7440-02-0</u>
<u>11) Selenium</u>	<u>7782-49-2</u>
<u>12) Silver</u>	<u>7440-22-4</u>
<u>13) Thallium</u>	<u>7440-28-0</u>
<u>14) Vanadium</u>	<u>7440-62-2</u>
<u>15) Zinc</u>	<u>7440-66-6</u>

[\(B\) Other inorganic parameters. The metals include all species in ground water that contain the element.](#)

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<u>Parameter:</u>	<u>CAS RN:</u>
<u>16) Ammonia</u>	<u>7664-41-7</u>
<u>17) Calcium</u>	<u>7440-70-2</u>
<u>18) Chloride</u>	<u>16887-00-6</u>
<u>19) Iron</u>	<u>7439-89-6</u>
<u>20) Magnesium</u>	<u>7439-95-2</u>
<u>21) Manganese</u>	<u>7439-96-5</u>
<u>22) Nitrate/Nitrite</u>	
<u>23) Potassium</u>	<u>7440-09-7</u>
<u>24) Sodium</u>	<u>7440-23-5</u>
<u>25) Sulfate</u>	<u>14808-79-8</u>

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(C) [Other parameters.](#)

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Parameter:	
26) pH	
27) Specific conductance	
28) Temperature	
29) Total alkalinity	
30) Total dissolved solids	
31) Turbidity	

(D) [Volatile organic compounds.](#)

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Parameter:	CAS RN:
32) Acetone; 2-Propanone	67-64-1
33) Acrylonitrile	107-13-1
34) Benzene	71-43-2
35) Bromochloromethane	74-97-5
36) Bromodichloromethane; Dibromochloromethane	75-27-4
37) Bromoform; Tribromomethane	75-25-2
38) Carbon disulfide	75-15-0
39) Carbon tetrachloride; Tetrachloromethane	56-23-5
40) Chlorobenzene	108-90-7
41) Chloroethane; Ethyl chloride	75-00-3
42) Chloroform; Trichloromethane	67-66-3
43) Dibromochloromethane; Chlorodibromomethane	124-48-1
44) 1,2-Dibromo-3-chloropropane; DBCP	96-12-8
45) 1,2-Dibromomethane; Ethylene dibromide; EDB	106-93-4
46) o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1
47) p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7
48) trans-1,4-Dichloro-2-butene	110-57-6
49) 1,1-Dichloroethane; Ethylidene chloride	75-34-3
50) 1,2-Dichloroethane; Ethylene dichloride	107-06-2
51) 1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride	75-35-4
52) cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2
53) trans-1,2-Dichloroethylene; trans-1,2-Dichloro ethene	156-60-5
54) 1,2-Dichloropropane; Propylene dichloride	78-87-5
55) cis-1,3-Dichloropropene	10061-01-5
56) trans-1,3-Dichloropropene	10061-02-6
57) Ethylbenzene	100-41-4
58) 2-Hexanone; Methyl butyl ketone	591-78-6
59) Methyl bromide; Bromomethane	74-83-9
60) Methyl chloride; Chloromethane	74-87-3

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61) Methyl ethyl ketone; MEK; 2-Butanone	78-93-3
62) Methyl iodide; iodomethane	74-88-4
63) 4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1
64) Methylene bromide; Dibromomethane	74-95-3
65) Methylene chloride; Dichloromethane	75-09-2
66) Styrene; Ethenylbenzene	100-42-5
67) 1,1,1,2-Tetrachloroethane	630-20-6
68) 1,1,2,2-Tetrachloroethane	79-34-5
69) Tetrachloroethylene; Tetrachloroethene; Perchloroethylene	127-18-4
70) Toluene; Methylbenzene	108-88-3
71) 1,1,1-Trichloroethane; Methylchloroform	71-55-6
72) 1,1,2-Trichloroethane	79-00-5
73) Trichloroethylene; Trichloroethene	79-01-6
74) Trichlorofluoromethane; CFC-11	75-69-4
75) 1,2,3-Trichloropropane	96-18-4
76) Vinyl acetate	108-05-4
77) Vinyl chloride; Chloroethene	75-01-4
78) Xylene (total); Dimethylbenzene	Note 1

[Note 1: Xylene \(total\): Where "total" is entered, all species in ground water that contain this element are included. 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 \(dimethylbenzenes\) \(CAS RN 1330-20-7\).](#)