**Section 811.APPENDIX C List of Leachate Monitoring Parameters**

|  |
| --- |
| pH |
| Elevation Leachate Surface |
| Bottom of Well Elevation |
| Leachate Level from Measuring Point |
| Arsenic (total) |
| Barium (total) |
| Cadmium (total) mg/l |
| Iron (total) |
| Ammonia Nitrogen – N |
| Bacteria (Fecal Coliform) |
| Biochemical Oxygen Demand (BOD5) |
| 1,1,1,2-Tetrachloroethane |
| 1,1,1-Trichloroethane |
| 1,1,2,2-Tetrachloroethane |
| 1,1,2-Trichloroethane |
| 1,1-Dichloroethane |
| 1,1-Dichloroethylene |
| 1,1-Dichloropropene |
| 1,2,3-Trichlorobenzene |
| 1,2,3-Trichloropropane |
| 1,2,4-Trichlorobenzene |
| 1,2,4-Trimethylbenzene |
| 1,2-Dibromo-3-Chloropropane |
| 1,2-Dichloroethane |
| 1,2-Dichloropropane |
| 1,3,5-Trimethylbenzene |
| 1,3-Dichloropropane |
| 1,3-Dichloropropene |
| 1,4-Dichloro-2-Butene |
| 1-Propanol |
| 2,2-Dichloropropane |
| 2,4,5-tp (Silvex) |
| 2,4,6-Trichlorophenol |
| 2,4-Dichlorophenol |
| 2,4-Dichlorophenoxyacetic Acid (2,4-D) |
| 2,4-Dimethylphenol |
| 2,4-Dinitrotoluene |
| 2,4-Dinitrophenol |
| 2,6-Dinitrotoluene |
| 2-Chloroethyl Vinyl Ether |
| 2-Chloronaphthalene |
| 2-Chlorophenol |
| 2-Hexanone |
| 2-Propanol (Isopropyl Alcohol) |
| 3,3-Dichlorobenzidine |
| 4,4-DDD |
| 4,4-DDE |
| 4,4-DDT |
| 4,6-Dinitro-o-Cresol |
| 4-Bromophenyl Phenyl Ether |
| 4-Chlorophenyl Phenyl Ether |
| 4-Methyl-2-Pentanone |
| 4-Nitrophenol |
| Acenaphthene |
| Acetone |
| Alachlor |
| Aldicarb |
| Aldrin |
| Alpha – BHC |
| Aluminum |
| Anthracene |
| Antimony |
| Atrazine |
| Benzene |
| Benzo (a) Anthracene |
| Benzo (a) Pyrene |
| Benzo (b) Fluoranthene |
| Benzo (ghi) Perylene |
| Benzo (k) Fluoranthene |
| Beryllium (total) |
| Beta – BHC |
| Bicarbonate |
| Bis (2-Chloro-1-Methylethyl) Ether |
| Bis (2-Chloroethoxy) Methane |
| Bis (2-Chloroethyl) Ether |
| Bis (2-Ethylhexyl) Ether |
| Bis (2-Ethylhexyl) Phthalate |
| Bis(Chloromethyl) Ether |
| Boron |
| Bromobenzene |
| Bromochloromethane |
| Bromodichloromethane |
| Bromoform |
| Bromomethane |
| Butanol |
| Butyl Benzyl Phthalate |
| Calcium mg/l |
| Carbofuran |
| Carbon Disulfide |
| Carbon Tetrachloride |
| Chemical Oxygen Demand (COD) |
| Chlordane |
| Chloride mg/l |
| Chlorobenzene |
| Chloroethane |
| Chloroform |
| Chloromethane |
| Chromium (hexavalent) |
| Chromium (total) |
| Chrysene |
| Cis-1,2-Dichloroethylene |
| Cobalt (total) |
| Copper (total) |
| Cyanide |
| DDT |
| Delta – BHC |
| Di-N-Butyl Phthalate |
| Di-N-Octyl Phthalate |
| Dibenzo (a,h) Anthracene |
| Dibromochloromethane |
| Dibromomethane |
| Dichlorodifluoromethane |
| Dieldrin |
| Diethyl Phthalate |
| Dimethyl Phthalate |
| Endosulfan I |
| Endosulfan II |
| Endosulfan Sulfate |
| Endrin |
| Endrin Aldehyde |
| Ethyl Acetate |
| Ethylbenzene |
| Ethylene Dibromide (EDB) |
| Fluoranthene |
| Fluorene |
| Fluoride |
| Heptachlor Epoxide |
| Heptachlor |
| Hexachlorobenzene |
| Hexachlorobutadiene |
| Hexachlorocyclopentadiene |
| Hexachloroethane |
| Ideno (1,2,3-cd) Pyrene |
| Iodomethane |
| Isopropylbenzene |
| Lead (total) |
| Lindane |
| Magnesium (total) |
| Manganese (total) |
| Mercury (total) |
| Methoxychlor |
| Methyl Chloride |
| Methyl Ethyl Ketone |
| Methylene Bromide |
| Methylene Chloride |
| Naphthalene |
| Nickel (total) |
| Nitrate-Nitrogen |
| Nitrobenzine |
| Oil. Hexane Soluble (or Equivalent) |
| Parathion |
| Pentachlorophenol |
| Phenanthrene |
| Phenols |
| Phosphorous |
| Polychlorinated Biphenyls |
| Potassium |
| Pyrene |
| Selenium |
| Silver (total) |
| Specific Conductance |
| Sodium |
| Styrene |
| Sulfate |
| Temperature of Leachate Sample (ºF) |
| tert-Butylbenzene |
| Tetrachlorodibenzo-p-Dioxins |
| Tetrachloroethylene |
| Tetrahydrofuran |
| Thallium |
| Tin |
| Toluene |
| Total Organic Carbon (TOC) |
| Total Dissolved Solids (TDS) mg/l |
| Total Suspended Solids (TSS) mg/l |
| Toxaphene |
| trans-1,2-Dichloroethylene |
| trans-1,3-Dichlorpropene |
| Trichloroethylene |
| Trichlorofluoromethane |
| Vinyl Acetate |
| Vinyl Chloride |
| Xylene |
| Zinc (total) |
| m-Dichlorobenzene |
| m-Xylene |
| n-Butylbenzene |
| n-Nitrosodimethylamine |
| n-Nitrosodiphenylamine |
| n-Nitrosodipropylamine |
| n-Propylbenzene |
| o-Chlorotoluene |
| o-Dichlorobenzene |
| o-Nitrophenol |
| o-Xylene |
| p-Chlorotoluene |
| p-Cresol |
| p-Dichlorobenzene |
| p-Isopropyltoluene |
| p-Nitrophenol |
| p-Xylene |
| sec-Butylbenzene |

Note: All parameters shall be determined from unfiltered samples.

(Source: Added at 31 Ill. Reg. 16171, effective November 27, 2007)