**Section 302.304 Chemical Constituents**

The following levels of chemical constituents must not be exceeded:

|  |  |
| --- | --- |
|  | CONCENTRATION |
| CONSTITUENT | (mg/L) |
|  |  |
| Arsenic (total) | 0.05 |
| Barium (total) | 1.0 |
| Boron (total) | 1.0 |
| Cadmium (total) | 0.010 |
| Chloride (total) | 250 |
| Chromium | 0.05 |
| Fluoride (total) | 1.4 |
| Iron (dissolved) | 0.3 |
| Lead (total) | 0.05 |
| Manganese (total) | 1.0 |
| Nitrate-Nitrogen | 10 |
| Oil (hexane-solubles  or equivalent) | 0.1 |
|  |
| Organics |  |
| Pesticides |  |
| Chlorinated Hydro- |  |
| carbon Insecticides |  |
| Aldrin | 0.001 |
| Chlordane | 0.003 |
| DDT | 0.05 |
| Dieldrin | 0.001 |
| Endrin | 0.0002 |
| Heptachlor | 0.0001 |
| Heptachlor Expoxide | 0.0001 |
| Lindane | 0.004 |
| Methoxychlor | 0.1 |
| Toxaphene | 0.0005 |
| Organophosphate |  |
| Insecticides |  |
| Parathion | 0.1 |
| Chlorophenoxy Herbicides |  |
| 2,4-Dichlorophenoxy- |  |
| acetic acid (2,4-D) | 0.1 |
| 2-(2,4,5-Trichloro- |  |
| phenoxy)-propionic |  |
| acid (2,4,5-TP |  |
| or Silvex) | 0.01 |
| Phenols | 0.001 |
| Selenium (total) | 0.01 |
| Sulfate | 250 |
| Total Dissolved Solids | 500 |

(Source: Amended at 47 Ill. Reg. 4437, effective March 23, 2023)