

# Minneapolis Water Works

## Monthly Plant Effluent Water Analysis

April 2026



In this report, parts per million is shortened to ppm.

### Physical and Chemical Water Quality

Physical state or chemical	Plant effluent average value
Temperature, River Water Average (°C)	12.8
Total Organic Carbon (ppm as C)	3.40
Total Dissolved Solids (ppm)	169
Turbidity (NTU)	0.04
Alkalinity-Total (ppm as CaCO <sub>3</sub> )	65
Ammonia Nitrogen (ppm as N)	0.87
Total Chloramine Residual (ppm as NH <sub>2</sub> Cl)	3.8
Fluoride-F (ppm as F)	0.66
pH	9.06
Nitrate - NO <sub>3</sub> (ppm as N)	0.52
Nitrite - NO <sub>2</sub> (ppm as N)	<0.015
Phosphate-PO <sub>4</sub> (ppm as PO <sub>4</sub> )	0.83
Sulfate - SO <sub>4</sub> (ppm as SO <sub>4</sub> )	31.7
Total Hardness (grains per gallon) EDTA method	5.8
Total Hardness (ppm as CaCO <sub>3</sub> ) EDTA method	99

### Chemical Water Quality

Chemical element	Plant effluent average volume
Aluminum-Al (ppm as Al)	Not Detected
Arsenic-As (ppm as As)	Not Detected
Cadmium-Cd (ppm as Cd)	Not Detected
Calcium-Ca (ppm as Ca)	36.9
Chloride-Cl (ppm as Cl)	31.9
Chromium (ppm as Cr)	<0.01
Copper-Cu (ppm as Cu)	<0.01
Iron-Fe (ppm as Fe)	Not Detected
Lead-Pb (ppm as Pb)	Not Detected
Magnesium-Mg (ppm as Mg)	1.68
Manganese-Mn (ppm as Mn)	<0.01
Silica-Si (ppm as SiO <sub>2</sub> )	6.5
Sodium-Na (ppm as Na)	18.1
Zinc-Zn (ppm as Zn)	<0.01