



Fernway

Typical Water Quality Information

PWSID Number: IL0315030

Area Served: Orland Hills

Where Does My Water Come From?

Lake Michigan

Average amount of water supplied to customers on a daily basis

525,000 gallons per day

Parameter	Average or Range	Comments
pH	7.71	measure of the acid/base properties of water
Total Hardness (as CaCO ₃)	99-117 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	Less than 10 grains per gallon	Naturally occurring
Fluoride	0.76-1.01 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	8.48 mg/L	No MCL – Informational only
Iron	0.15 mg/L	Secondary Standard Limit = 0.3 mg/L
Manganese	0.091 mg/L	Naturally occurring from erosion of natural deposits

Parameter	Average or Range	Comments
Chlorine	0.4-1.0	Added for disinfection
Lead [90 th percentile result]	No Detect	Corrosion of household plumbing; erosion of natural deposits
Copper [90 th percentile result]	0.62 mg/L	Corrosion of household plumbing; erosion of natural deposits
Nitrate	0.30 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Arsenic	0.77 ug/L	MCL = 10 ug/L
Chromium-6	0.34 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit http://www.amwater.com/ilaw/Ensuring-Water-Quality/Chromium-6

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days
- ug/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations

For a complete report of your water quality, please refer to the Water Quality Report located on the American Water web site

For more information, please contact Tom Chinske at (630)739-8849