



# Liberty Ridge West

## Typical Water Quality Information

**PWSID Number:** IL0435650

**Area Served:** Winfield

**Where Does My Water Come From?**

Lake Michigan

**Average amount of water supplied to customers on a daily basis**

525,000 gallons per day

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
pH	7.9	measure of the acid/base properties of water
Total Hardness (as CaCO <sub>3</sub> )	99-117 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	Less than 10 grains per gallon	Naturally occurring
Fluoride	0.59-0.75 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	8.06 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

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Chlorine	0.5-1.0 mg/L	Added by City of Chicago for disinfection
Lead [90 <sup>th</sup> percentile result]	No Detect	Corrosion of household plumbing; erosion of natural deposits
Copper [90 <sup>th</sup> percentile result]	0.148 mg/L	Corrosion of household plumbing; erosion of natural deposits
Nitrate	0.31 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	0.22 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit <a href="http://www.amwater.com/ilaw/Ensuring-Water-Quality/Chromium-6">http://www.amwater.com/ilaw/Ensuring-Water-Quality/Chromium-6</a>

#### **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 Laura Marcasciano at 630-739-8846 or [laura.marcasciano@amwater.com](mailto:laura.marcasciano@amwater.com).