West Lafayette

Typical Water Quality Information

PWSID Number: 5279020

Area Served: City of West Lafayette and Wabash and Tippecanoe townships

Where Does My Water Come From?

Groundwater from eight total wells in two well fields

Average amount of water supplied to customers on a daily basis

4.0 million gallons per day

Parameter	Average or Range	Comments
pH	7.1 – 7.5	
Total Hardness (as CaCO3)	280 - 440 mg/L	Naturally occurring
Total Hardness (as CaCO3)	16 - 26 grains per gallon	Naturally occurring
Fluoride	0.6 – 0.8 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	16-26 mg/L	No MCL – Informational only
Iron	ND – 0.05 mg/L	Secondary Standard Limit = 0.3 mg/L
Manganese	ND - 0.02 mg/L	Secondary Standard Limit = 0.05 mg/L

Parameter	Average or Range	Comments
Type of disinfection	N/A	Free Chlorine
Disinfectant residual level leaving the treatment plant	0.9 - 1.4 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.8 – 1.1 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90th percentile result]	ND	Action Level = 15 ug/L
Copper [90th percentile result]	0.564 mg/L	Action Level = 1.3 mg/L
Nitrate	0.66 – 1.76 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 ug/L
Chromium-6	ND – 0.14 ug/L (ppb)	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit http://www.amwater.com/inaw/Ensuring-Water-Quality/Chromium-6

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million (ppm), 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 (ppb), 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 on your water quality, please contact Kim Brown at 812-232-1400 ext. 4206

Other inquiries should be directed to our Customer Service Center at 800-492-8373