



Walnut Grove System

Typical Water Quality Information

PWSID Number: 3410047

Area Served: Walnut Grove area

Where Does My Water Come From?

Water in the Walnut Grove system comes from wells that tap groundwater aquifers in the Walnut Grove area. The water supply is distributed for residential and commercial use.

Average amount of water supplied to customers on a daily basis
89,643 gallons

Parameter	Average or Range	Comments
pH	Average = 8.1	A measurement of water acidity or alkalinity; 7.0 is neutral
Total Hardness (as CaCO ₃)	Average= 24 mg/L or 1.4 gpg	No MCL - Naturally occurring
Fluoride	Average= 0.3 mg/L	Naturally occurring; MCL = 2.0 mg/L
Sodium	Average = 109 mg/L	No MCL – Informational only
Iron	Average = ND (< 100 – 700 µg/L)	Secondary Standard Limit = 300 µg/L Major component of treatment chemical used to remove arsenic and manganese.
Manganese	Average = ND (< 20 µg/L)	Secondary Standard Limit = 50 µg/L

Parameter	Average or Range	Comments
Type of disinfection	N/A	Sodium Hypochlorite (chlorine)
Disinfectant residual level in the distribution system (average)	Average = 0.83 mg/L	Max Residual Disinfectant Level Running Annual Avg. < or = 4.0 mg/L
Lead [90 th percentile result]	8.0 µg/L	Action Level = 15 µg/L
Copper [90 th percentile result]	0.24 mg/L	Action Level = 1.3 mg/L
Nitrate (as Nitrogen)	Average = ND (< 0.4 mg/L)	MCL = 10 mg/L
Arsenic	Range = <2 - 8 µg/L	MCL = 10 µg/L

Definitions

- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment of other requirements which a water system must follow.
- gpg- grains per gallon; other units used to express water hardness (as Calcium Carbonate hardness) to convert gpg to mg/L; multiple gpg by 17.1.
- 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
- µg/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 Annual Water Quality Report for your system on the American Water web site

For more information about water quality in your area, please contact:

Victoria Kunda at 916-568-4278
or
Rachel Kennard at 916-568-4220

Other inquiries should be directed to our Customer Service Center at 1-888-237-1333