



# Arden System

## Typical Water Quality Information

**PWSID Number:** 3410045

**Area Served:** Arden area

### Where Does My Water Come From?

Water in the Arden system comes from deep wells that pump groundwater from aquifers in the Sacramento Valley. In 2012 the water in the Arden system was also supplemented by purchased water from Sac Suburban Water District (SSWD). The water supply is distributed for residential and commercial use.

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

1.23 million gallons

The following data does not include purchased water from SSWD

| Parameter                              | Average or Range              | Comments   |
|--|-------------------------------|--|
| pH                                     | Average = 7.7                 | A measurement of water acidity or alkalinity; 7.0 is neutral                   |
| Total Hardness (as CaCO <sub>3</sub> ) | Average = 120 mg/L or 7.0 gpg | No MCL - Naturally occurring   |
| Fluoride                               | Average = 0.83 mg/L           | Water additive that promotes strong teeth; Control Range= 0.6 mg/L to 1.2 mg/L |
| Sodium                                 | Average = 12 mg/L             | No MCL – Informational only  |
| Iron                                   | Average = ND (< 100 µg/L)     | Secondary Standard Limit = 300 µg/L  |

| <b>Parameter</b>   | <b>Average or Range</b>    | <b>Comments</b>   |
|--|----------------------------|---|
| Manganese  | Range = ND<br>( < 20 µg/L) | Secondary Standard Limit = 50 µg/L                                  |
| Type of disinfection   | N/A                        | Sodium Hypochlorite (chlorine)                                      |
| Disinfectant residual level in the distribution system (average) | Average = 0.72 mg/L        | Max Residual Disinfectant Level Running Annual Avg. < or = 4.0 mg/L |
| Lead [90 <sup>th</sup> percentile result]                        | 1.0 µg/L                   | Action Level = 15 µg/L  |
| Copper [90 <sup>th</sup> percentile result]                      | 0.164 mg/L                 | Action Level = 1.3 mg/L   |
| Nitrate (as Nitrogen)  | Range = < 0.4 – 4.4 mg/L   | MCL = 10 mg/L   |
| Arsenic  | Range = <2 - 3 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