



# Antelope System

## Typical Water Quality Information

**PWSID Number:** 3410031

**Area Served:** Unincorporated area north of Antelope Road, south of the Placer County line and northwest of the UPRR

**Where Does My Water Come From?** Water in the Antelope system comes from deep wells that pump groundwater from aquifers in the Sacramento Valley. The water supply is distributed for residential and commercial use.

**Average amount of water supplied to customers on a daily basis**  
4.55 million gallons per day

The following data does not include purchased water from SSWD

Parameter	Average or Range	Comments
pH	Average= 7.9; Range= 7.8 - 8.1	A measurement of water acidity, 7.0 is neutral
Total Hardness (as CaCO <sub>3</sub> )	Average= 100 mg/L Range= 72 - 140 mg/L	No MCL - Naturally occurring CaCO <sub>3</sub> = Calcium Carbonate
Total Hardness (as CaCO <sub>3</sub> )	Average= 5.8 grains per gallon (gpg); Range= 4.2 – 8.2 gpg	No MCL - Naturally occurring CaCO <sub>3</sub> = Calcium Carbonate
Fluoride	Average= 0.2 mg/L Range= 0.2 - 0.3 mg/L	Naturally occurring; MCL = 2.0 mg/L
Sodium	Average= 28 mg/L Range= 16 - 52 mg/L	No MCL – Informational only
Iron	Average= ND mg/L Range= ND mg/L	Secondary Standard Limit = 0.3 mg/L

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Manganese	Average= ND mg/L Range= ND - ND mg/L	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	N/A	Sodium Hypochlorite (chlorine)
Disinfectant residual level in the distribution system	0.54 mg/L	Max Residual Disinfectant Level Running Annual Avg. < or = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	2 µg/L	Action Level = 15 µg/L
Copper [90 <sup>th</sup> percentile result]	0.340 mg/L	Action Level = 1.3 mg/L
Nitrate (as Nitrate)	Average= 4.6 mg/L Range= ND – 8.0 mg/L	MCL = 45 mg/L
Arsenic	Average= 3.3 µg/L Range= 2 - 5 µg/L	MCL = 10 µg/L

**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
- µg/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 about water quality in your area, please contact  
David Armand at 916-568-4220  
or  
Sandra Lynch at 916-568-4274

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