



# Larkfield System

## Typical Water Quality Information

**PWSID Number:** 4910023

**Area Served:** Larkfield area

**Where Does My Water Come From?** Water in the Larkfield system is produced from wells that pump water from the Glen Ellen formation, and purchased water from the Sonoma County Water Agency (SCWA). SCWA water originates from Ranney Collectors and wells along the Russian River in the Santa Rosa Plain.

**Average amount of water supplied to customers on a daily basis**  
671,110 gallons per day

The following data does not include purchased water from the SCWA

| Parameter                              | Average or Range                                  | Comments   |
|--|---|--|
| pH                                     | Average = 7.6                                     | A measurement of water acidity or alkalinity; 7.0 is neutral       |
| Total Hardness (as CaCO <sub>3</sub> ) | Average = 110 mg/L or 6.4 gpg (grains per gallon) | No MCL - Naturally occurring CaCO <sub>3</sub> = Calcium Carbonate |
| Fluoride                               | Average = 0.16 mg/L                               | Naturally occurring; MCL = 2.0 mg/L                                |
| Sodium                                 | Average = 37 mg/L                                 | No MCL – Informational only  |
| Iron                                   | Average = ND (< 100 µg/L)                         | Secondary Standard Limit = 300 µg/L                                |
| Manganese                              | Range = < 20 - 118 µg/L                           | Secondary Standard Limit = 50 µg/L                                 |

| <b>Parameter</b>   | <b>Average or Range</b>  | <b>Comments</b>   |
|--|--------------------------|---|
| Type of disinfection   | N/A                      | Sodium Hypochlorite (chlorine)                                      |
| Disinfectant residual level in the distribution system (average) | 0.70 mg/L                | Max Residual Disinfectant Level Running Annual Avg. < or = 4.0 mg/L |
| Lead [90 <sup>th</sup> percentile result]                        | 3.0 µg/L                 | Action Level = 15 µg/L  |
| Copper [90 <sup>th</sup> percentile result]                      | 0.384 mg/L               | Action Level = 1.3 mg/L   |
| Nitrate (as Nitrogen)  | Average = ND (<0.4 mg/L) | MCL = 10 mg/L   |
| Arsenic  | Range = 3 - 5 µg/L       | MCL = 10 µg/L   |

**Definitions**

- 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, 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:

Victoria Kunda at 916-568-4278  
or  
Christina Baril at 916-568-4274

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