# 2018 Consumer Confidence Report

Water System Name: SENIOR CANYON MUTUAL WATER CO Report Date: May 2019

*We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2018.*

**Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alquien que lo entienda bien.**

**Type of water source(s) in use:** According to SWRCB records; the source Grant Well-Standby is Groundwater. This Assessment was done using the Default Groundwater System Method. According to SWRCB records, the source Surface Source is Surface Water. This Assessment was done using the Surface Water System (Watershed with Zones) Method.

**Your water comes from 2 source(s):** Grant Well - Standby and Surface Source

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings are held at 603 W.Ojai Ave., Ojai CA 93023 on the fourth Friday of every month at 3pm.

For more information about this report, or any questions relating to your drinking water, please call (805)646-4321 and ask for the Senior Canyon Representative.

## TERMS USED IN THIS REPORT

**Maximum Contaminant Level (MCL):** The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

**Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

**Public Health Goal (PHG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Primary Drinking Water Standards (PDWS):** MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**Secondary Drinking Water Standards (SDWS):** MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**Regulatory Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**Level 1 Assessment:** A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

**Level 2 Assessment:** A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

**ND:** not detectable at testing limit

**mg/L:** milligrams per liter or parts per million (ppm)

**ug/L:** micrograms per liter or parts per billion (ppb)

**pCi/L:** picocuries per liter (a measure of radiation)

**NTU:** Nephelometric Turbidity Units

**umhos/cm:** micro mhos per centimeter

**The sources of drinking water:** (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

**Contaminants that may be present in source water include:**

- *Microbial contaminants,* such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants,* such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides,* that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, that are by-products if industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants,* that can be naturally-occurring or be the result of oil and gas production and mining activities.

**In order to ensure that tap water is safe to drink,** the USEPA and the State Water Resource Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

**Tables 1, 2, 3, 4, 5, 6, 7 and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent.** The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

**Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA**

| Microbiological Contaminants (complete if bacteria detected) | Highest No. of Detections | No. of Months in Violation | MCL | MCLG | Typical Sources of Contaminant |
|---|---|---|---|---|---|
| Total Coliform Bacteria | 1/mo. (2018) | 0 | no more than 1 positive monthly sample | 0 | Naturally present in the environment. |
| Fecal coliform and E. coli | 1/mo. (2018) | 0 | no more than 1 positive monthly sample | | Human and animal fecal waste. |

**Table 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER**

| Lead and Copper (complete if lead or copper detected in last sample set) | Sample Date | 90th percentile level detected | No. Sites Exceeding AL | AL | PHG | Typical Sources of Contaminant |
|---|---|---|---|---|---|---|
| Lead (ug/L) | 10 (2018) | 1.7 | 1 | 15 | 0.2 | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits |
| Copper (mg/L) | 10 (2018) | 0.91 | 0 | 1.3 | .3 | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

**Table 3 - SAMPLING RESULTS FOR SODIUM AND HARDNESS**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | MCL | PHG (MCLG) | Typical Sources of Contaminant |
|---|---|---|---|---|---|---|
| Sodium (mg/L) | (2014 - 2018) | 29 | 28 - 29 | none | none | Salt present in the water and is generally naturally occurring |

| | | | | | | |
|---|---|---|---|---|---|---|
| Hardness (mg/L) | (2014 - 2018) | 308 | 236 - 379 | none | none | Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring |

**Table 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | MCL [MRDL] | PHG (MCLG) [MRDLG] | Typical Sources of Contaminant |
|---|---|---|---|---|---|---|
| Arsenic (ug/L) | (2014 - 2018) | 2 | ND - 4 | 10 | 0.004 | Erosion of natural deposits; runoff from orchards, glass and electronics production wastes |
| Barium (mg/L) | (2014 - 2018) | ND | ND - 0.14 | 1 | 2 | Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits |
| Fluoride (mg/L) | (2014 - 2018) | 0.3 | 0.2 - 0.4 | 2 | 1 | Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories. |
| Nitrate as N (mg/L) | (2018) | 2.8 | ND - 12.5 | 10 | 10 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Gross Alpha (pCi/L) | (2014 - 2015) | 1.69 | 1.20 - 2.17 | 15 | (0) | Erosion of natural deposits. |

**Table 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | MCL | PHG (MCLG) | Typical Sources of Contaminant |
|---|---|---|---|---|---|---|
| Chloride (mg/L) | (2014 - 2018) | 13 | 7 - 19 | 500 | n/a | Runoff/leaching from natural deposits; seawater influence |
| Manganese (ug/L) | (2014 - 2018) | 25 | ND - 50 | 50 | n/a | Leaching from natural deposits |
| Odor Threshold at 60 °C (TON) | (2014 - 2018) | 6 | 4 - 8 | 3 | n/a | Naturally-occurring organic materials. |
| Specific Conductance (umhos/cm) | (2014 - 2018) | 699 | 591 - 807 | 1600 | n/a | Substances that form ions when in water; seawater influence |
| Sulfate (mg/L) | (2014 - 2018) | 175 | 148 - 201 | 500 | n/a | Runoff/leaching from natural deposits; industrial wastes |
| Total Dissolved Solids (mg/L) | (2014 - 2018) | 445 | 370 - 520 | 1000 | n/a | Runoff/leaching from natural deposits |
| Turbidity (NTU) | (2014 - 2018) | 15.2 | 1.7 - 28.7 | 5 | n/a | Soil runoff |

**Table 6 - DETECTION OF UNREGULATED CONTAMINANTS**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | Notification Level | Typical Sources of Contaminant |
|---|---|---|---|---|---|
| Boron (mg/L) | (2014 - 2018) | 0.1 | ND - 0.2 | 1 | Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats. |

**Table 7 - ADDITIONAL DETECTIONS**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | Notification Level | Typical Sources of Contaminant |
|---|---|---|---|---|---|
| Calcium (mg/L) | (2014 - 2018) | 85 | 55 - 114 | n/a | n/a |
| Magnesium (mg/L) | (2014 - 2018) | 24 | 23 - 24 | n/a | n/a |
| pH (units) | (2014 - 2018) | 7.8 | 7.7 - 7.8 | n/a | n/a |
| Alkalinity (mg/L) | (2014 - 2018) | 165 | 120 - 210 | n/a | n/a |
| Aggressiveness Index | (2014 - 2018) | 12.3 | 12.0 - 12.5 | n/a | n/a |

| | | | | | |
|---|---|---|---|---|---|
| Langelier Index | (2014 - 2018) | 0.4 | 0.2 - 0.6 | n/a | n/a |

| Table 8 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Chemical or Constituent** (and reporting units) | **Sample Date** | **Level Detected** | **Range of Detections** | **MCL (MRDL)** | **PHG (MCLG)** | **Violation** | **Typical Sources of Contaminant** |
| Total Trihalomethanes (TTHMs) (ug/L) | (2018) | 50 | 49 - 50 | 80 | n/a | No | By-product of drinking water disinfection |
| Haloacetic Acids (five) (ug/L) | (2018) | 39 | n/a | 60 | n/a | No | By-product of drinking water disinfection |

# Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. *Senior Canyon Mutual Water Co.* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/lead.

# Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

**About our Total Coliform Bacteria:** Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

**About our Fecal coliform and E. coli:** E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely-compromised immune systems.

- We had an E. coli-positive repeat sample following a total coliform-positive sample.

- We had a total coliform-positive repeat sample following an E. coli positive routine sample.

- We failed to take all required repeat samples following an E. coli-positive routine sample.

**About our Lead:** Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.

**About our Nitrate as N:** Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant`s blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of Pregnant women.

**About our Odor Threshold at 60 °C:** Odor was found at levels that exceed the secondary MCL. The Odor MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

**About our Turbidity:** Turbidity is Secondary Drinking Water Standards and has found no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.

# 2018 Consumer Confidence Report

## Drinking Water Assessment Information

### Assessment Information

A source water assessment was conducted for the GRANT WELL [] STANDBY of the SENIOR CANYON MUTUAL WATER CO water system in May, 2001. A source water assessment was conducted for the SURFACE SOURCE of the SENIOR CANYON MUTUAL WATER CO water system in May, 2001.

Grant Well - Standby - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - high density [>1/acre]

Surface Source - is considered most vulnerable to the following activities not associated with any detected contaminants:
Crops, irrigated [Berries, hops, mint, orchards, sod, greenhouses,
Sewage sludge/biosolids application
Wells - Water supply

### Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.

### Acquiring Information

A copy of the complete assessment may be viewed at:
SWRCB Drinking Water Field Operations Branch
1180 Eugenia Place
Suite 200
Carpenteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:
Jeff Densmore
District Engineer
805 566 1326

# Senior Canyon Mutual Water Co.

## Analytical Results By FGL - 2018

| MICROBIOLOGICAL CONTAMINANTS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
| **Total Coliform Bacteria** | | | 0 | 5% | n/a | | | 0 | 870.4 - 870.4 |
| Canyon Intake Raw | SP 1816305-1 | | | | | 2018-12-10 | >200.5 | | |
| Canyon Intake Raw | SP 1814717-1 | | | | | 2018-11-06 | >200.5 | | |
| Canyon Intake Raw | SP 1813442-1 | | | | | 2018-10-09 | 870.4 | | |
| Canyon Intake Raw | SP 1811864-1 | | | | | 2018-09-06 | >200.5 | | |
| Canyon Intake Raw | SP 1810399-1 | | | | | 2018-08-09 | >200.5 | | |
| Canyon Intake Raw | SP 1808631-1 | | | | | 2018-07-02 | >200.5 | | |
| Canyon Intake Raw | SP 1807304-1 | | | | | 2018-06-05 | >200.5 | | |
| Canyon Intake Raw | SP 1805895-1 | | | | | 2018-05-03 | >200.5 | | |
| Canyon Intake Raw | SP 1804388-1 | | | | | 2018-04-03 | >200.5 | | |
| Filter System #2 - Reservoir | SP 1807791-1 | | | | | 2018-06-14 | Absent | | |
| Office Special | SP 1807923-1 | | | | | 2018-06-18 | Absent | | |
| Shipee Lane | SP 1816305-2 | | | | | 2018-12-10 | Absent | | |
| Shipee Lane | SP 1814717-2 | | | | | 2018-11-06 | Absent | | |
| Shipee Lane | SP 1813442-2 | | | | | 2018-10-09 | Absent | | |
| Shipee Lane | SP 1811864-2 | | | | | 2018-09-06 | Absent | | |
| Shipee Lane | SP 1810399-2 | | | | | 2018-08-09 | Absent | | |
| Shipee Lane | SP 1808631-2 | | | | | 2018-07-02 | Absent | | |
| Shipee Lane | SP 1807304-2 | | | | | 2018-06-05 | Absent | | |
| Shipee Lane | SP 1805895-2 | | | | | 2018-05-03 | Absent | | |
| Shipee Lane | SP 1804388-2 | | | | | 2018-04-03 | Absent | | |
| Shipee Lane | SP 1802899-2 | | | | | 2018-03-05 | Absent | | |
| Shipee Lane | SP 1801427-2 | | | | | 2018-02-02 | Absent | | |
| Shipee Lane | SP 1800066-2 | | | | | 2018-01-03 | Absent | | |
| Shipee Lane Sampling Stat. | SP 1810250-1 | | | | | 2018-08-07 | Absent | | |
| Whale Rock | SP 1816305-3 | | | | | 2018-12-10 | Absent | | |
| Whale Rock | SP 1814717-3 | | | | | 2018-11-06 | Absent | | |
| Whale Rock | SP 1813442-3 | | | | | 2018-10-09 | Absent | | |
| Whale Rock | SP 1811864-3 | | | | | 2018-09-06 | Absent | | |
| Whale Rock | SP 1810399-3 | | | | | 2018-08-09 | Absent | | |
| Whale Rock | SP 1808631-3 | | | | | 2018-07-02 | Absent | | |
| Whale Rock | SP 1807304-3 | | | | | 2018-06-05 | Absent | | |
| Whale Rock | SP 1805895-3 | | | | | 2018-05-03 | Absent | | |
| Whale Rock | SP 1804388-3 | | | | | 2018-04-03 | Absent | | |
| Whale Rock | SP 1802899-3 | | | | | 2018-03-05 | Absent | | |
| Whale Rock | SP 1801427-3 | | | | | 2018-02-02 | Absent | | |
| Whale Rock | SP 1800066-3 | | | | | 2018-01-03 | Absent | | |
| **Fecal coliform and E. coli** | | | | 0 | n/a | | | 0 | 3.1 - 129.8 |
| Canyon Intake Raw | SP 1816305-1 | | | | | 2018-12-10 | 129.8 | | |
| Canyon Intake Raw | SP 1814717-1 | | | | | 2018-11-06 | 78.2 | | |
| Canyon Intake Raw | SP 1813442-1 | | | | | 2018-10-09 | 13.2 | | |
| Canyon Intake Raw | SP 1811864-1 | | | | | 2018-09-06 | 17.8 | | |
| Canyon Intake Raw | SP 1810399-1 | | | | | 2018-08-09 | 11.1 | | |
| Canyon Intake Raw | SP 1808631-1 | | | | | 2018-07-02 | 8.7 | | |
| Canyon Intake Raw | SP 1807304-1 | | | | | 2018-06-05 | 12.4 | | |
| Canyon Intake Raw | SP 1805895-1 | | | | | 2018-05-03 | 3.1 | | |
| Canyon Intake Raw | SP 1804388-1 | | | | | 2018-04-03 | 7.5 | | |
| Filter System #2 - Reservoir | SP 1807791-1 | | | | | 2018-06-14 | Absent | | |
| Office Special | SP 1807923-1 | | | | | 2018-06-18 | Absent | | |
| Shipee Lane | SP 1816305-2 | | | | | 2018-12-10 | Absent | | |
| Shipee Lane | SP 1814717-2 | | | | | 2018-11-06 | Absent | | |
| Shipee Lane | SP 1813442-2 | | | | | 2018-10-09 | Absent | | |
| Shipee Lane | SP 1811864-2 | | | | | 2018-09-06 | Absent | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Shipee Lane | SP 1810399-2 | | | | | 2018-08-09 | Absent | | |
| Shipee Lane | SP 1808631-2 | | | | | 2018-07-02 | Absent | | |
| Shipee Lane | SP 1807304-2 | | | | | 2018-06-05 | Absent | | |
| Shipee Lane | SP 1805895-2 | | | | | 2018-05-03 | Absent | | |
| Shipee Lane | SP 1804388-2 | | | | | 2018-04-03 | Absent | | |
| Shipee Lane | SP 1802899-2 | | | | | 2018-03-05 | Absent | | |
| Shipee Lane | SP 1801427-2 | | | | | 2018-02-02 | Absent | | |
| Shipee Lane | SP 1800066-2 | | | | | 2018-01-03 | Absent | | |
| Shipee Lane Sampling Stat. | SP 1810250-1 | | | | | 2018-08-07 | Absent | | |
| Whale Rock | SP 1816305-3 | | | | | 2018-12-10 | Absent | | |
| Whale Rock | SP 1814717-3 | | | | | 2018-11-06 | Absent | | |
| Whale Rock | SP 1813442-3 | | | | | 2018-10-09 | Absent | | |
| Whale Rock | SP 1811864-3 | | | | | 2018-09-06 | Absent | | |
| Whale Rock | SP 1810399-3 | | | | | 2018-08-09 | Absent | | |
| Whale Rock | SP 1808631-3 | | | | | 2018-07-02 | Absent | | |
| Whale Rock | SP 1807304-3 | | | | | 2018-06-05 | Absent | | |
| Whale Rock | SP 1805895-3 | | | | | 2018-05-03 | Absent | | |
| Whale Rock | SP 1804388-3 | | | | | 2018-04-03 | Absent | | |
| Whale Rock | SP 1802899-3 | | | | | 2018-03-05 | Absent | | |
| Whale Rock | SP 1801427-3 | | | | | 2018-02-02 | Absent | | |
| Whale Rock | SP 1800066-3 | | | | | 2018-01-03 | Absent | | |

**LEAD AND COPPER RULE**

| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | 90th Percentile | # Samples |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | | ug/L | 0 | 15 | 0.2 | | | 1.7 | 10 |
| 1115 McNell Rd. | SP 1809575-6 | ug/L | | | | 2018-07-17 | ND | | |
| 1155 McAndrew Rd. | SP 1809575-9 | ug/L | | | | 2018-07-17 | ND | | |
| 1462 McAndrew Rd. | SP 1809575-2 | ug/L | | | | 2018-07-18 | ND | | |
| 2102 McNell Rd. | SP 1809575-3 | ug/L | | | | 2018-07-18 | ND | | |
| 2560 Ladera Rd. | SP 1809575-7 | ug/L | | | | 2018-07-17 | ND | | |
| 2580 Ladera Rd. | SP 1809575-10 | ug/L | | | | 2018-07-17 | 19.1 | | |
| 3187 Grand Ave. | SP 1809575-1 | ug/L | | | | 2018-07-17 | ND | | |
| 3396 Thacher Rd. | SP 1809575-4 | ug/L | | | | 2018-07-19 | ND | | |
| 4183 Grand Ave. | SP 1809575-8 | ug/L | | | | 2018-07-17 | ND | | |
| 4589 Thacher Rd. | SP 1809575-5 | ug/L | | | | 2018-07-17 | ND | | |
| **Copper** | | mg/L | | 1.3 | .3 | | | 0.91 | 10 |
| 1115 McNell Rd. | SP 1809575-6 | mg/L | | | | 2018-07-17 | ND | | |
| 1155 McAndrew Rd. | SP 1809575-9 | mg/L | | | | 2018-07-17 | ND | | |
| 1462 McAndrew Rd. | SP 1809575-2 | mg/L | | | | 2018-07-18 | 0.08 | | |
| 2102 McNell Rd. | SP 1809575-3 | mg/L | | | | 2018-07-18 | 0.13 | | |
| 2560 Ladera Rd. | SP 1809575-7 | mg/L | | | | 2018-07-17 | 0.25 | | |
| 2580 Ladera Rd. | SP 1809575-10 | mg/L | | | | 2018-07-17 | 0.33 | | |
| 3187 Grand Ave. | SP 1809575-1 | mg/L | | | | 2018-07-17 | 0.30 | | |
| 3396 Thacher Rd. | SP 1809575-4 | mg/L | | | | 2018-07-19 | 1.10 | | |
| 4183 Grand Ave. | SP 1809575-8 | mg/L | | | | 2018-07-17 | 0.16 | | |
| 4589 Thacher Rd. | SP 1809575-5 | mg/L | | | | 2018-07-17 | 0.91 | | |

**SAMPLING RESULTS FOR SODIUM AND HARDNESS**

| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
|---|---|---|---|---|---|---|---|---|---|
| **Sodium** | | mg/L | | none | none | | | 29 | 28 - 29 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 28 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 29 | | |
| **Hardness** | | mg/L | | none | none | | | 308 | 236 - 379 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 236 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 379 | | |

**PRIMARY DRINKING WATER STANDARDS (PDWS)**

| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
|---|---|---|---|---|---|---|---|---|---|
| **Arsenic** | | ug/L | | 10 | 0.004 | | | 2 | ND - 4 |
| Grant Well - Standby | SP 1400086-1 | ug/L | | | | 2014-01-06 | 4 | | |
| Surface Source | SP 1803029-1 | ug/L | | | | 2018-03-07 | ND | | |
| **Barium** | | mg/L | 2 | 1 | 2 | | | ND | ND - 0.14 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 0.14 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | ND | | |
| **Fluoride** | | mg/L | | 2 | 1 | | | 0.3 | 0.2 - 0.4 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 0.4 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 0.2 | | |
| **Nitrate as N** | | mg/L | | 10 | 10 | | | 2.8 | ND - 12.5 |
| Grant Well - Standby | SP 1816306-1 | mg/L | | | | 2018-12-10 | ND | | |
| Grant Well - Standby | SP 1814715-1 | mg/L | | | | 2018-11-06 | 12.5 | | |
| Grant Well - Standby | SP 1813441-1 | mg/L | | | | 2018-10-09 | 6.9 | | |
| Grant Well - Standby | SP 1811865-1 | mg/L | | | | 2018-09-06 | 7.7 | | |
| Grant Well - Standby | SP 1810398-1 | mg/L | | | | 2018-08-09 | 0.8 | | |
| Grant Well - Standby | SP 1808632-1 | mg/L | | | | 2018-07-02 | ND | | |
| Grant Well - Standby | SP 1807303-1 | mg/L | | | | 2018-06-05 | 1 | | |
| Grant Well - Standby | SP 1804387-1 | mg/L | | | | 2018-04-03 | 0.7 | | |
| Grant Well - Standby | SP 1802893-1 | mg/L | | | | 2018-03-05 | 0.8 | | |
| Grant Well - Standby | SP 1800065-1 | mg/L | | | | 2018-01-03 | 0.4 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | ND | | |
| **Gross Alpha** | | pCi/L | | 15 | (0) | | | 1.69 | 1.20 - 2.17 |
| Grant Well - Standby | SP 1400086-1 | pCi/L | | | | 2014-01-06 | 2.17 | | |
| Surface Source | SP 1500445-1 | pCi/L | | | | 2015-01-13 | 1.20 | | |

**SECONDARY DRINKING WATER STANDARDS (SDWS)**

| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | | mg/L | | 500 | n/a | | | 13 | 7 - 19 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 19 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 7 | | |
| **Manganese** | | ug/L | | 50 | n/a | | | 25 | ND - 50 |
| Grant Well - Standby | SP 1400086-1 | ug/L | | | | 2014-01-06 | ND | | |
| Surface Source | SP 1803029-1 | ug/L | | | | 2018-03-07 | 50 | | |
| **Odor Threshold at 60 °C** | | TON | | 3 | n/a | | | 6 | 4 - 8 |
| Grant Well - Standby | SP 1400086-1 | TON | | | | 2014-01-06 | 4 | | |
| Surface Source | SP 1803029-1 | TON | | | | 2018-03-07 | 8 | | |
| **Specific Conductance** | | umhos/cm | | 1600 | n/a | | | 699 | 591 - 807 |
| Grant Well - Standby | SP 1400086-1 | umhos/cm | | | | 2014-01-06 | 591 | | |
| Surface Source | SP 1803029-1 | umhos/cm | | | | 2018-03-07 | 807 | | |
| **Sulfate** | | mg/L | | 500 | n/a | | | 175 | 148 - 201 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 148 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 201 | | |
| **Total Dissolved Solids** | | mg/L | | 1000 | n/a | | | 445 | 370 - 520 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 370 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 520 | | |
| **Turbidity** | | NTU | | 5 | n/a | | | 15.2 | 1.7 - 28.7 |
| Grant Well - Standby | SP 1400086-1 | NTU | | | | 2014-01-06 | 28.7 | | |
| Surface Source | SP 1803029-1 | NTU | | | | 2018-03-07 | 1.7 | | |

**UNREGULATED CONTAMINANTS**

| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
|---|---|---|---|---|---|---|---|---|---|
| **Boron** | | mg/L | | NS | n/a | | | 0.1 | ND - 0.2 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 0.2 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | ND | | |

| ADDITIONAL DETECTIONS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
| **Calcium** | | mg/L | | | n/a | | | 85 | 55 - 114 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 55 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 114 | | |
| **Magnesium** | | mg/L | | | n/a | | | 24 | 23 - 24 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 24 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 23 | | |
| **pH** | | units | | | n/a | | | 7.8 | 7.7 - 7.8 |
| Grant Well - Standby | SP 1400086-1 | units | | | | 2014-01-06 | 7.8 | | |
| Surface Source | SP 1803029-1 | units | | | | 2018-03-07 | 7.7 | | |
| **Alkalinity** | | mg/L | | | n/a | | | 165 | 120 - 210 |
| Grant Well - Standby | SP 1400086-1 | mg/L | | | | 2014-01-06 | 120 | | |
| Surface Source | SP 1803029-1 | mg/L | | | | 2018-03-07 | 210 | | |
| **Aggressiveness Index** | | | | | n/a | | | 12.3 | 12.0 - 12.5 |
| Grant Well - Standby | SP 1400086-1 | | | | | 2014-01-06 | 12.0 | | |
| Surface Source | SP 1803029-1 | | | | | 2018-03-07 | 12.5 | | |
| **Langelier Index** | | | | | n/a | | | 0.4 | 0.2 - 0.6 |
| Grant Well - Standby | SP 1400086-1 | | | | | 2014-01-06 | 0.2 | | |
| Surface Source | SP 1803029-1 | | | | | 2018-03-07 | 0.6 | | |

| DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
| **Total Trihalomethanes (TTHMs)** | | ug/L | | 80 | n/a | | | 50 | 49 - 50 |
| MC ANDREW PUMP STN - STAGE 2 D | SP 1814007-1 | ug/L | | | | 2018-10-19 | 49 | | |
| Average MC ANDREW PUMP STN - STAGE 2 D | | | | | | | | 49 | |
| SHIPEE LANE - STAGE 2 DBP | SP 1814007-2 | ug/L | | | | 2018-10-19 | 50 | | |
| Average SHIPEE LANE - STAGE 2 DBP | | | | | | | | 50 | |
| **Haloacetic Acids (five)** | | ug/L | | 60 | n/a | | | 39 | 39 - 39 |
| MC ANDREW PUMP STN - STAGE 2 D | SP 1814007-1 | ug/L | | | | 2018-10-19 | 39 | | |
| Average MC ANDREW PUMP STN - STAGE 2 D | | | | | | | | 39 | |
| SHIPEE LANE - STAGE 2 DBP | SP 1814007-2 | ug/L | | | | 2018-10-19 | 39 | | |
| Average SHIPEE LANE - STAGE 2 DBP | | | | | | | | 39 | |

# Senior Canyon Mutual Water Co.

## CCR Login Linkage - 2018

| FGL Code | Lab ID | Date_Sampled | Method | Description | Property |
|---|---|---|---|---|---|
| CuPb SS-06 | SP 1809575-6 | 2018-07-17 | Metals, Total | 1115 McNell Rd. | Copper & Lead Monitoring |
| CuPb SS-09 | SP 1809575-9 | 2018-07-17 | Metals, Total | 1155 McAndrew Rd. | Copper & Lead Monitoring |
| CuPb SS-02 | SP 1809575-2 | 2018-07-18 | Metals, Total | 1462 McAndrew Rd. | Copper & Lead Monitoring |
| CuPb SS-03 | SP 1809575-3 | 2018-07-18 | Metals, Total | 2102 McNell Rd. | Copper & Lead Monitoring |
| CuPb SS-07 | SP 1809575-7 | 2018-07-17 | Metals, Total | 2560 Ladera Rd. | Copper & Lead Monitoring |
| CuPb SS-10 | SP 1809575-10 | 2018-07-17 | Metals, Total | 2580 Ladera Rd. | Copper & Lead Monitoring |
| CuPb SS-01 | SP 1809575-1 | 2018-07-17 | Metals, Total | 3187 Grand Ave. | Copper & Lead Monitoring |
| CuPb SS-04 | SP 1809575-4 | 2018-07-19 | Metals, Total | 3396 Thacher Rd. | Copper & Lead Monitoring |
| CuPb SS-08 | SP 1809575-8 | 2018-07-17 | Metals, Total | 4183 Grand Ave. | Copper & Lead Monitoring |
| CuPb SS-05 | SP 1809575-5 | 2018-07-17 | Metals, Total | 4589 Thacher Rd. | Copper & Lead Monitoring |
| Canyon Intake R | SP 1700122-1 | 2017-01-05 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1804388-1 | 2018-04-03 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1805895-1 | 2018-05-03 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1807304-1 | 2018-06-05 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1808631-1 | 2018-07-02 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1810399-1 | 2018-08-09 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1811864-1 | 2018-09-06 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1813442-1 | 2018-10-09 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1814717-1 | 2018-11-06 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| | SP 1816305-1 | 2018-12-10 | Coliform | Canyon Intake Raw | Surface Water Monitoring |
| Filter System # | SP 1807791-1 | 2018-06-14 | Coliform | Filter System #2 - Reservoir | Filter #2 |
| Grant Well Stby | SP 1400086-1 | 2014-01-06 | Wet Chemistry | Grant Well - Standby | Grand Well - Water Quality |
| | SP 1400086-1 | 2014-01-06 | General Mineral | Grant Well - Standby | Grand Well - Water Quality |
| | SP 1400086-1 | 2014-01-06 | Metals, Total | Grant Well - Standby | Grand Well - Water Quality |
| | SP 1400086-1 | 2014-01-06 | Radio Chemistry | Grant Well - Standby | Grand Well - Water Quality |
| | SP 1800065-1 | 2018-01-03 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1802893-1 | 2018-03-05 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1804387-1 | 2018-04-03 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1807303-1 | 2018-06-05 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1808632-1 | 2018-07-02 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1810398-1 | 2018-08-09 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1811865-1 | 2018-09-06 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1813441-1 | 2018-10-09 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1814715-1 | 2018-11-06 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| | SP 1816306-1 | 2018-12-10 | Wet Chemistry | Grant Well - Standby | Grant Well - Water Quality |
| HYD 1 | SP 1611813-2 | 2016-10-05 | Coliform | Hydrant 1 | Bacteriological Repeats |
| HYD 2 | SP 1611813-3 | 2016-10-05 | Coliform | Hydrant 2 | Bacteriological Repeats |
| McAndPmp Stg2DB | SP 1411417-2 | 2014-10-02 | EPA 552.2 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1411417-2 | 2014-10-02 | EPA 551.1 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1511208-1 | 2015-10-08 | EPA 551.1 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1511208-1 | 2015-10-08 | EPA 552.2 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1612252-1 | 2016-10-13 | EPA 551.1 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1612252-1 | 2016-10-13 | EPA 552.2 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1814007-1 | 2018-10-19 | EPA 551.1 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| | SP 1814007-1 | 2018-10-19 | EPA 552.2 | MC ANDREW PUMP STN - STAGE 2 D | IDSE Stage 2 DBP |
| Office Special | SP 1807923-1 | 2018-06-18 | Coliform | Office Special | Filter #2 |
| Shipee Ln | SP 1611813-1 | 2016-10-05 | Coliform | Shipee Lane | Bacteriological Repeats |
| | SP 1612085-1 | 2016-10-11 | Coliform | Shipee Lane | Water Monitoring |
| | SP 1700122-2 | 2017-01-05 | Coliform | Shipee Lane | Surface Water Monitoring |

| | | | | | |
|---|---|---|---|---|---|
| | SP 1800066-2 | 2018-01-03 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1801427-2 | 2018-02-02 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1802899-2 | 2018-03-05 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1804388-2 | 2018-04-03 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1805895-2 | 2018-05-03 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1807304-2 | 2018-06-05 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1808631-2 | 2018-07-02 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1810399-2 | 2018-08-09 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1811864-2 | 2018-09-06 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1813442-2 | 2018-10-09 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1814717-2 | 2018-11-06 | Coliform | Shipee Lane | Surface Water Monitoring |
| | SP 1816305-2 | 2018-12-10 | Coliform | Shipee Lane | Surface Water Monitoring |
| SHIP LN Stg2DBP | SP 1411417-3 | 2014-10-02 | EPA 552.2 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1411417-3 | 2014-10-02 | EPA 551.1 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1511208-2 | 2015-10-08 | EPA 552.2 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1511208-2 | 2015-10-08 | EPA 551.1 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1612252-2 | 2016-10-13 | EPA 552.2 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1612252-2 | 2016-10-13 | EPA 551.1 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1814007-2 | 2018-10-19 | EPA 552.2 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| | SP 1814007-2 | 2018-10-19 | EPA 551.1 | SHIPEE LANE - STAGE 2 DBP | IDSE Stage 2 DBP |
| Shipee Lane Sam | SP 1810250-1 | 2018-08-07 | Coliform | Shipee Lane Sampling Stat. | Bacteriological Monitoring |
| SCynSW Src | SP 1500445-1 | 2015-01-13 | Radio Chemistry | Surface Source | Surface Source |
| | SP 1803029-1 | 2018-03-07 | Metals, Total | Surface Source | Senior Canyon SW Monitoring |
| | SP 1803029-1 | 2018-03-07 | Wet Chemistry | Surface Source | Senior Canyon SW Monitoring |
| | SP 1803029-1 | 2018-03-07 | General Mineral | Surface Source | Senior Canyon SW Monitoring |
| WHALE RCK | SP 1700122-3 | 2017-01-05 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1800066-3 | 2018-01-03 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1801427-3 | 2018-02-02 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1802899-3 | 2018-03-05 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1804388-3 | 2018-04-03 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1805895-3 | 2018-05-03 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1807304-3 | 2018-06-05 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1808631-3 | 2018-07-02 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1810399-3 | 2018-08-09 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1811864-3 | 2018-09-06 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1813442-3 | 2018-10-09 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1814717-3 | 2018-11-06 | Coliform | Whale Rock | Surface Water Monitoring |
| | SP 1816305-3 | 2018-12-10 | Coliform | Whale Rock | Surface Water Monitoring |