

2020 Consumer Confidence Report

Water System Information

Water System Name: Granite Construction Company

Report Date: 4/07/2021

Type of Water Source(s) in Use: Well

Name and General Location of Source(s): Granite Construction Company, 38000 Monroe Street, CA 92203

Drinking Water Source Assessment Information: N/A

Time and Place of Regularly Scheduled Board Meetings for Public Participation: N/A

For More Information, Contact: Jayne Powell, 760-775-7500

About This Report

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 to December 31, 2020 and may include earlier monitoring data.

Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Granite Construction Company, 38000 Monroe Street, CA 92203 para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 Granite Construction Company, 38000 Monroe Street, CA 92203

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Granite Construction Company, 38000 Monroe Street, CA 92203 o tumawag sa 760-775-7500 para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ Granite Construction Company, 38000 Monroe Street, CA 92203 tại để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsaab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Granite Construction Company, 38000 Monroe Street, CA 92203 rau kev pab hauv lus Askiv.

Terms Used in This Report

Term	Definition
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 <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level (MCL)	The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically 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 (U.S. EPA).
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 contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.
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.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
Secondary Drinking Water Standards (SDWS)	MCLs for 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.
Variations and Exemptions	Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.
ND	Not detectable at testing limit.
ppm	parts per million or milligrams per liter (mg/L)
ppb	parts per billion or micrograms per liter (µg/L)
ppt	parts per trillion or nanograms per liter (ng/L)
ppq	parts per quadrillion or picogram per liter (pg/L)
pCi/L	picocuries per liter (a measure of radiation)

Sources of Drinking Water and Contaminants that May Be Present in Source Water

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 byproducts of 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.

Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

About Your Drinking Water Quality

Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, 6, 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 an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table 1. Sampling Results Showing the Detection of Coliform Bacteria

Complete if bacteria are detected.

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria (State Total Coliform Rule)	(In a month) 0	0	1 positive monthly sample ^(a)	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (State Total Coliform Rule)	(In the year) 0	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or <i>E. coli</i> positive	None	Human and animal fecal waste
<i>E. coli</i> (Federal Revised Total Coliform Rule)	(In the year) 0	0	(b)	0	Human and animal fecal waste

(a) Two or more positive monthly samples is a violation of the MCL

(b) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.**Table 2. Sampling Results Showing the Detection of Lead and Copper**

Complete if lead or copper is detected in the last sample set.

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb)	9/18/2020	5	N/D	0	15	0.2	0	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	9/18/2020	5	0.27	0	1.3	0.3	Not applicable	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 Source of Contaminant
Sodium (ppm)	2006	380	N/A	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2006	310	N/A	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 Source of Contaminant
Nitrate as N (well) (mg/L)	2020	4.3 mg/L	N/A	10 mg/L	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrite As N (well) (mg/L)	2018	0.31 mg/L	N/D – 0.61 mg/L	1.0 mg/l	1	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Fluoride (raw water at Well) (mg/L)	2020	2.1 mg/L*	N/A	2 mg/l	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Fluoride (treatment results Granite) (mg/L)	2020	0.17mg/L	0.12 - 0.22 mg/L	2 mg/l	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

Fluoride (treatment results Horse Ranch) (mg/L)	2020	0.22 mg/L	0.20 – 0.23 mg/L	2 mg/l	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Total Chromium (ug/L)	2018	6.1 ug/L	N/A	50 ug/L	(100)	Discharge from steel and pulp mills and chrome plating; Erosion of natural deposits
Gross Alpha Particle (pCi/L)(raw water at well)	2018	34.8 pCi/L	N/A	15 pCi/L	(0)	Erosion of natural deposits
Gross Alpha Particle (pCi/L)(treatment results)	2011	ND	N/A	15 pCi/L	(0)	Erosion of natural deposits
Uranium (pCi/L) (untreated well water)	2020	21.5 pCi/L*	19–24 pCi/L	20 pCi/L	0.43	Erosion of natural deposits
Uranium (pCi/L) (Treatment Results Granite)	2020	ND	N/A	20 pCi/L	0.43	Erosion of natural deposits
Uranium (pCi/L) (Treatment Results Horse Ranch)	2020	ND	N/A	20 pCi/L	0.43	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	SMCL	PHG (MCLG)	Typical Source of Contaminant
Total Dissolved Solids (ppm)	1/5/17 (Well)	*1900 ppm	N/A	1000 ppm	N/A	Runoff/leaching from natural deposits
Specific Conductance (umhos/cm)	6/12/2006	*2300	N/A	1600	N/A	Substances that form ions when in water, seawater influence
Iron (ppb)	6/12/2006	110 ppb	N/A	300	N/A	Leaching from Natural Deposits; industrial wastes
Color (TON)	6/12/2006	3 TON	N/A	15	N/A	Naturally occurring organic material

Chloride (ppm)	6/12/2006	230 ppm	N/A	500	N/A	Runoff/leaching from natural deposits; seawater influence
Turbidity (NTU)	6/12/2006	1.5 NTU	N/A	5	N/A	Soil Runoff
Foaming Agents (MBAS) (ppb)	6/12/2006	50 ppb	N/A	500	N/A	Municipal and Industrial waste discharges
Sulfate (ppb)	6/12/2006	*660 ppm	N/A	500	N/A	Runoff/leaching from natural deposits; industrial wastes

Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Hexavalent Chromium (ppb)	2014	1.9 ppb	ND	0.02 ppb ¹	Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.

¹There is currently no MCL for hexavalent chromium. The previous MCL of 10 ppb was withdrawn on September 11, 2017.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of 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 U.S. EPA'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. U.S. EPA/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: 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 service lines and home plumbing. Granite Construction Company 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 (1-800-426-4791) or at <http://www.epa.gov/lead>.

Uranium*, Fluoride*, Total Dissolved Solids*, Specific Conductance*, and Sulfate* Summary Information:

Uranium and Fluoride are naturally occurring elements in the untreated well water. The levels of Uranium and Fluoride in 2020 well water analyses indicate the untreated water exceeds the MCLs as noted in Table 4. These naturally occurring elements can fluctuate. Gross Alpha Compliance is based on a Uranium curve. We are in compliance with Gross Alpha. Please consume only the bottled water provided or water from the treatment units.

The treatment units installed in the East and West Kitchens and the Horse Ranch Office are tested quarterly and continue to demonstrate the effective removal of Uranium and Fluoride. The Uranium and Fluoride analytical results for water samples from the treatment units are well below the MCLs. Bottled water has been provided to all employees at the Indio Facility.

The October 2020 Fluoride well water result is 2.1 mg/l while the MCL is 2.0 mg/l. The well water will be resampled for Fluoride in July 2021. Following receipt of the July 2021 Fluoride results, we will decide if quarterly Fluoride analysis of well water is required.

Some people who drink water containing uranium in excess of the MCL over many years may have kidney problems or an increased risk of getting cancer. Some people consuming water containing greater than 4 mg/l Fluoride may experience an increased risk of developing bone disease. Children drinking water containing more than 2 mg/l of fluoride may develop cosmetic discoloration of their permanent teeth.

The levels of Total Dissolved Solids, Specific Conductance and Sulfate in well water exceed the secondary drinking water standards as noted in Table 5. Secondary drinking water standards are based on aesthetics. You are encouraged to continue utilizing the bottled water provided.

APPENDIX F: Certification Form (Suggested Format)

Consumer Confidence Report Certification Form

(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at

http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name:	Granite Construction Company
Water System Number:	3303026

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 04/07/2021 to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by:	Name:	Jayne Powell	
	Signature:	<i>Jayne Powell</i>	
	Title:	Env. Mgr.	
	Phone Number:	760-775-7500	Date: 04/07/2021

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

- CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: Electronic copies were emailed with CCR attached as a pdf. Paper copies were posted in Kitchens, Bathrooms, mail room, and copy rooms. Copy of electronic distribution provided to Riverside County Dept of Env. Health as attachment to this certification.
- "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
- Posting the CCR on the Internet at www._____
 - Mailing the CCR to postal patrons within the service area (attach zip codes used)
 - Advertising the availability of the CCR in news media (attach copy of press release)
 - Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
 - Posted the CCR in public places (attach a list of locations)
 - Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

Instructions for Small Water Systems Appendix F
Revised February 2021

- Delivery to community organizations (attach a list of organizations)
- Other (attach a list of other methods used)
- For systems serving at least 100,000 persons:* Posted CCR on a publicly-accessible internet site at the following address: www._____
- For investor-owned utilities:* Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).