# INFORMATION SHEET FOR 6/18/19 TRUSTEES' MEETING

Attachment: 7.6

TO: James W. Bridges

FOR: Board of Trustees

FROM: Dena Whittington

ISSUE: 2018 Water Consumer Confidence Report

As operators of a water system, we are required to complete an annual confidence report for the water supply at Jefferson School. Attached is 2018 report for the board's information.

The report is completed by our current laboratory – FGL Environmental. The 2018 Water Consumer Confidence Report will be filed with San Joaquin County by the June 30th, 2019, deadline.

# 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 Board's website at http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)*

Water System Name: **JEFFERSON ESD-JEFFERSON SCHOOL**
Water System Number: **3901107**

The water system above hereby certifies that its Consumer Confidence Report was distributed on May 21, 2019 (date) 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: Mindy Maxedon

Signature: [signature]

Title: CBO

Phone Number: (209) 836-3388 Date: 05/21/2019

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

X CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:
Available at Jefferson School District Board Meeting

_____ "Good faith" efforts were used to reach non-bill paying customers. Those efforts included the following methods:

- _____ Posted the CCR on the internet at http:// _____
- _____ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- _____ Advertised the availability of the CCR in news media (attach a 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 the newspaper and date published)
- _____ Posted the CCR in public places (attach a list of locations)
- _____ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses, and schools
- _____ 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: http:// _____

_____ *For privately-owned utilities:* Delivered the CCR to the California Public Utilities Commission

(This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c), California Code of Regulations.)

# 2018 Consumer Confidence Report

Water System Name: JEFFERSON ESD-JEFFERSON SCHOOL 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, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method. A routine inspection conducted 03/04/2014 noted some tasks to be completed by 04/2014 and 06/2014. JR Simplot Co water system has complied, completing all tasks listed.

**Your water comes from 1 source(s):** WELL #2

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings currently are not held .

For more information about this report, or any questions relating to your drinking water, please call (209)838-7842 and ask for Quality Services, Inc. or visit our website at www.Jefferson School District.com.

## 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.

**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.

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

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

**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 and 4 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 | 6/mo. (2018) | 1 | no more than 1 positive monthly sample | 0 | Naturally present in the environment. |

**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 |
|---|---|---|---|---|---|---|
| Copper (mg/L) | 5 (2016) | 0.10 | 0 | 1.3 | .3 | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

**Table 3 - 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) | (2016) | 6 | n/a | 10 | 0.004 | Erosion of natural deposits; runoff from orchards, glass and electronics production wastes |

| Table 4 - 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** |
| Chlorine (mg/L) | (2018) | 0.00 | n/a | 4.0 | 4.0 | No | Drinking water disinfectant added for treatment. |

# 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. *Jefferson School District* 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.

**For Arsenic (As) results above 5 ppb up to and including 10 ppb:** While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic`s possible health effects against the costs of removing arsenic from the drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

# 2018 Consumer Confidence Report

## Drinking Water Assessment Information

**Assessment Information**

A source water assessment was conducted for the WELL #2 of the JEFFERSON ESD-JEFFERSON SCHOOL water

system in October, 2002.

WELL #2 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Wells - Agricultural/ Irrigation

**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:
San Joaquin County
Environmental Health Department
304 E. Weber Ave, 3rd Floor
Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting:
Small Public Water Systems
SJ Co Environmental Health Department
(209) 468-3420

# Jefferson School District

## 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 | | | 1 | 1 - 28.8 |
| BLDG 100 Custodian sink | STK1856908-3 | | | | | 2018-11-26 | <1.0 | | |
| Cafeteria Custodian Room Sink | STK1857822-3 | | | | | 2018-12-13 | <1.0 | | |
| Cafeteria Custodian Room Sink | STK1856588-3 | | | | | 2018-11-19 | 28.8 | | |
| Cafeteria Custodian Room Sink | STK1856515-3 | | | | | 2018-11-16 | Present | | |
| Cafeteria custodian Sink | STK1857915-2 | | | | | 2018-12-14 | <1.0 | | |
| East Well | STK1856908-4 | | | | | 2018-11-26 | <1.0 | | |
| Gym custodian sink | STK1856908-1 | | | | | 2018-11-26 | <1.0 | | |
| Gym custodian closet sink | STK1857915-1 | | | | | 2018-12-14 | <1.0 | | |
| Gym custodian closet sink | STK1857822-1 | | | | | 2018-12-13 | <1.0 | | |
| Gym custodian closet sink | STK1857822-2 | | | | | 2018-12-13 | <1.0 | | |
| Gym custodian closet sink | STK1856588-2 | | | | | 2018-11-19 | 12.4 | | |
| Gym custodian closet sink | STK1856515-2 | | | | | 2018-11-16 | Present | | |
| Gym custodian closet sink | STK1854602-1 | | | | | 2018-10-08 | Absent | | |
| Kitchen Sink | STK1838324-1 | | | | | 2018-06-14 | Absent | | |
| Kitchen Sink | STK1834706-1 | | | | | 2018-04-12 | Absent | | |
| Kitchen Sink | STK1832104-1 | | | | | 2018-02-15 | Absent | | |
| Office custodian room sink | STK1856908-2 | | | | | 2018-11-26 | <1.0 | | |
| Office custodian room sink C1 | STK1857822-4 | | | | | 2018-12-13 | 1 | | |
| Office custodian room sink C1 | STK1856588-1 | | | | | 2018-11-19 | <1.0 | | |
| Office custodian room sink C1 | STK1856515-1 | | | | | 2018-11-16 | Present | | |
| Office custodian room sink C1 | STK1856507-1 | | | | | 2018-11-15 | Present | | |
| Office custodian room sink C1 | STK1853567-1 | | | | | 2018-09-19 | Absent | | |
| Office custodian room sink C1 | STK1851875-1 | | | | | 2018-08-16 | <1.0 | | |
| Office custodian sink | STK1857915-3 | | | | | 2018-12-14 | <1.0 | | |
| Office/Nurse Sink | STK1839562-1 | | | | | 2018-07-09 | Absent | | |
| Office/Nurse Sink | STK1836416-1 | | | | | 2018-05-14 | Absent | | |
| Office/Nurse Sink | STK1833284-1 | | | | | 2018-03-14 | Absent | | |
| Office/Nurse Sink | STK1830573-1 | | | | | 2018-01-11 | Absent | | |

| LEAD AND COPPER RULE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | 90th Percentile | # Samples |
| **Copper** | | mg/L | | 1.3 | .3 | | | 0.095 | 5 |
| Kitchen Sink #1 | STK1652307-2 | mg/L | | | | 2016-09-27 | ND | | |
| Kitchen Sink #2 | STK1652307-3 | mg/L | | | | 2016-09-27 | ND | | |
| Office Restroom | STK1652307-5 | mg/L | | | | 2016-09-27 | 0.07 | | |
| Office Sink | STK1652307-1 | mg/L | | | | 2016-09-27 | 0.09 | | |
| Staff RR 8th Grade | STK1652307-4 | mg/L | | | | 2016-09-27 | 0.10 | | |

| PRIMARY DRINKING WATER STANDARDS (PDWS) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
| **Arsenic** | | ug/L | | 10 | 0.004 | | | 6 | 6 - 6 |
| WELL #2 | STK1631815-1 | ug/L | | | | 2016-02-16 | 6 | | |

| DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Units | MCLG | CA-MCL | PHG | Sampled | Result | Avg. Result(a) | Range (b) |
| **Chlorine** | | mg/L | | 4.0 | 4.0 | | | 0.00 | ND - |
| East Well | STK1856908-4 | mg/L | | | | 2018-11-26 | ND | | |
| Average East Well | | | | | | | | 0 | |
| WELL #2 | STK1857915-4 | mg/L | | | | 2018-12-14 | ND | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| WELL #2 | STK1857822-5 | mg/L | | | | 2018-12-13 | ND | | |
| WELL #2 | STK1856588-4 | mg/L | | | | 2018-11-19 | ND | | |
| WELL #2 | STK1856515-4 | mg/L | | | | 2018-11-16 | ND | | |
| Average WELL #2 | | | | | | | | 0 | |

# Jefferson School District
## CCR Login Linkage - 2018

| FGL Code | Lab ID | Date_Sampled | Method | Description | Property |
|---|---|---|---|---|---|
| BLDG 100 Custod | STK1856908-3 | 2018-11-26 | Coliform | BLDG 100 Custodian sink | Water Monitoring |
| Cafeteria Custo | STK1856515-3 | 2018-11-16 | Coliform | Cafeteria Custodian Room Sink | Water Monitoring |
| | STK1856588-3 | 2018-11-19 | Coliform | Cafeteria Custodian Room Sink | Water Monitoring |
| | STK1857822-3 | 2018-12-13 | Coliform | Cafeteria Custodian Room Sink | Water Monitoring |
| Cafeteria custo | STK1857915-2 | 2018-12-14 | Coliform | Cafeteria custodian Sink | Bacteriological Sampling |
| East Well | STK1856908-4 | 2018-11-26 | Coliform | East Well | Water Monitoring |
| | STK1856908-4 | 2018-11-26 | Field Test | East Well | Water Monitoring |
| Gym/Cust. | STK1856908-1 | 2018-11-26 | Coliform | Gym custodian sink | Water Monitoring-Even |
| | STK1854602-1 | 2018-10-08 | Coliform | Gym custodian closet sink | Water Monitoring-Even |
| | STK1856515-2 | 2018-11-16 | Coliform | Gym custodian closet sink | Water Monitoring-Even |
| | STK1856588-2 | 2018-11-19 | Coliform | Gym custodian closet sink | Water Monitoring-Even |
| | STK1857822-1 | 2018-12-13 | Coliform | Gym custodian closet sink | Water Monitoring-Even |
| | STK1857822-2 | 2018-12-13 | Coliform | Gym custodian closet sink | Water Monitoring-Even |
| | STK1857915-1 | 2018-12-14 | Coliform | Gym custodian closet sink | Bacteriological Sampling |
| Kit.Sink | STK1832104-1 | 2018-02-15 | Coliform | Kitchen Sink | Water Monitoring-Even |
| | STK1834706-1 | 2018-04-12 | Coliform | Kitchen Sink | Water Monitoring-Even |
| | STK1838324-1 | 2018-06-14 | Coliform | Kitchen Sink | Water Monitoring-Even |
| KIT SINK #1 | STK1652307-2 | 2016-09-27 | Metals, Total | Kitchen Sink #1 | Lead & Copper Monitoring |
| KIT SINK #2 | STK1652307-3 | 2016-09-27 | Metals, Total | Kitchen Sink #2 | Lead & Copper Monitoring |
| Off/CustC1 | STK1856908-2 | 2018-11-26 | Coliform | Office custodian room sink | Water Monitoring-Odd |
| | STK1851875-1 | 2018-08-16 | Coliform | Office custodian room sink C1 | DW Monitoring |
| | STK1853567-1 | 2018-09-19 | Coliform | Office custodian room sink C1 | Water Monitoring-Odd |
| | STK1856507-1 | 2018-11-15 | Coliform | Office custodian room sink C1 | Water Monitoring-Odd |
| | STK1856515-1 | 2018-11-16 | Coliform | Office custodian room sink C1 | Water Monitoring-Odd |
| | STK1856588-1 | 2018-11-19 | Coliform | Office custodian room sink C1 | Water Monitoring-Odd |
| | STK1857822-4 | 2018-12-13 | Coliform | Office custodian room sink C1 | Water Monitoring-Odd |
| | STK1857915-3 | 2018-12-14 | Coliform | Office custodian sink | Bacteriological Sampling |
| OFF RRM | STK1652307-5 | 2016-09-27 | Metals, Total | Office Restroom | Lead & Copper Monitoring |
| OFF SINK | STK1652307-1 | 2016-09-27 | Metals, Total | Office Sink | Lead & Copper Monitoring |
| Off/NurseSink | STK1830573-1 | 2018-01-11 | Coliform | Office/Nurse Sink | Water Monitoring-Odd |
| | STK1833284-1 | 2018-03-14 | Coliform | Office/Nurse Sink | Water Monitoring-Odd |
| | STK1836416-1 | 2018-05-14 | Coliform | Office/Nurse Sink | Water Monitoring-Odd |
| | STK1839562-1 | 2018-07-09 | Coliform | Office/Nurse Sink | Water Monitoring-Odd |
| STAFF RR 8th G | STK1652307-4 | 2016-09-27 | Metals, Total | Staff RR 8th Grade | Lead & Copper Monitoring |
| WELL #2 | STK1631815-1 | 2016-02-16 | Metals, Total | WELL #2 | Water Quality Monitoring |
| WELL #2 (South) | STK1856515-4 | 2018-11-16 | Field Test | WELL #2 | JEFFERSON ESD-JEFFERSON SCHOOL |
| | STK1856588-4 | 2018-11-19 | Field Test | WELL #2 | JEFFERSON ESD-JEFFERSON SCHOOL |
| WELL #2 | STK1857822-5 | 2018-12-13 | Field Test | WELL #2 | JEFFERSON ESD-JEFFERSON SCHOOL |
| | STK1857915-4 | 2018-12-14 | Field Test | WELL #2 | JEFFERSON ESD-JEFFERSON SCHOOL |