INFORMATION SHEET 9/8/2020 TRUSTEES' MEETING

ATTACHMENT: 7.6

TO: Jim Bridges, Superintendent

FOR: Board of Trustees

FROM: Dena Whittington, CBO

ISSUE: 2019 Water Consumer Confidence Report

Attached for board review is the 2019 Consumer Confidence Report. As operators of a water system, located at Jefferson Elementary, the District is required to file and post an annual Consumer Confidence Report. The report is completed by Quality Services Inc. while the water is tested by FGL. There were no violations.

2019 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.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: **Jefferson School SPWS**

Water System Number: CA3901107

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 7/1/2020 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: Dena Whittington
Signature: Dena Whittington
Title: Chief Business Official
Phone Number: (209)836-3388 Date: 8/14/2020

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: Consumers are notified about the report by posting it in the office (STANDARD PLAN); the report is also made available online, and parents are pointed to this address or office for viewing.

☒ "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. sdwis.waterboards.ca.gov
- ☐ 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) See above.
- ☐ Delivery of multiple copies of CCR to single-billed 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: 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).

2019 Consumer Confidence Report

Water System Name: **Jefferson School SPWS** Report Date: **6/24/2020**

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, 2019 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse *Jefferson ESD* a *7500 West Linne Road, Tracy, CA, 95304* para asistirlo en español.

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 Jefferson ESD 以获得中文的帮助 ***7500 West Linne Road, Tracy, CA, 95304*** ***(209)836-3388***

Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Jefferson ESD *7500 West Linne Road, Tracy, CA, 95304* o tumawag sa *(209)836-3388* para matulungan sa wikang Tagalog.

Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ Jefferson ESD tại *7500 West Linne Road, Tracy, CA, 95304* để được hỗ trợ giúp bằng tiếng Việt.

Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Jefferson ESD ntawm *7500 West Linne Road, Tracy, CA, 95304* rau kev pab hauv lus Askiv.

Type of water source(s) in use: Groundwater is drawn from the unadjudicated Eastern San Joaquin Valley Subbasin (No. 5-022.01)

Name & general location of source(s): Well #2" (PWSID#: 3901107-013) is located near the center of parcel APN#: 253-32-018

Drinking Water Source Assessment information: A Drinking Water Source Assessment was completed in October, 2002. For more information, or to request copies, visit the SJC Environmental Health Department at 1868 E Hazelton Ave, Stockton, CA

Time and place of regularly scheduled board meetings for public participation: Meeting are held biweekly on Thursdays at 7:00PM. Please call in advance if you have questions regarding the water as it is not typically a main topic of discussion.

For more information, contact: Quality Service, Inc. Phone: (209)838-7842

TERMS USED IN THIS REPORT

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).

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 contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

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.

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

Variances 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.

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
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)

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.

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.

Tables 1, 2, and 3 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

Microbiological Contaminants (complete if bacteria detected)	**Highest No. of Detections**	**No. of Months in Violation**	**MCL**	**MCLG**	**Typical Source of Bacteria**
Total Coliform Bacteria (state Total Coliform Rule)	0 (In a month)	0	1 positive monthly sample[a]	0	Naturally present in the environment
Fecal Coliform or *E. coli* (state Total Coliform Rule)	0 (In the year)	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or *E. coli* positive		Human and animal fecal waste
E. coli (federal Revised Total Coliform Rule)	0 (In the year)	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

Lead and Copper (complete if lead or copper detected in the last sample set)	**Sample Date**	**No. of Samples Collected**	**90th Percentile Level Detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**No. of Schools Requesting Lead Sampling**	**Typical Source of Contaminant**
Lead (ppb)	09/12/19	5	0	0	15	0.2	Jefferson School SPWS does not provide water to other schools	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	09/12/19	5	0.165	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)	04/05/2010	107	N/A	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	04/05/2010	140	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**
Arsenic (ug/L)	02/13/2019	6	N/A	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Nitrate, as Nitrogen (mg/L)	06/24/2019	0.3	0 – 0.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; 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**
No contaminants with secondary standards that were tested in the past nine years have been detected.	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**Notification Level**	**Health Effects Language**
No unregulated contaminants that were tested in the past nine years have been detected.	N/A	N/A	N/A	N/A	N/A

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. Jefferson ESD 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. [***OPTIONAL:*** If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] 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.

Arsenic-Specific Language: 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 cost of removing arsenic from 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.

Source Water Assessment Vulnerability Summary

As a consumer, you have a right to know what's going on with the quality and nature of the water you receive. You will be notified if the analytical monitoring program shows the water does not meet a primary state standard; the summary below is not intended to raise concerns about the water supply, nor is it to say that the activities that have been identified will cause the source to be contaminated now or in the future. This assessment is used to inform the water system about potential hazards that could influence the groundwater quality so that management practices may be employed or bolstered to protect the water that we provide you.

A source water assessment was completed for Well #2 by San Joaquin County in October of 2002. The source was found to be vulnerable to the following activities, which are not associated with any detected contaminants:

- Wells – Agricultural/Irrigation

Though there have been no contaminants detected in the water supply, the source is still considered to be vulnerable to the activities occurring within proximity of the well site.

For more information, or if you would like to request copies of the full assessment, please contact Quality Service, Inc. or visit the SJC Environmental Health Department at 1868 E Hazelton Ave, Stockton, CA 95205.

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

VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken to Correct the Violation**	**Health Effects Language**
N/A	N/A	N/A	N/A	N/A

For Water Systems Providing Groundwater as a Source of Drinking Water

TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLES					
Microbiological Contaminants (complete if fecal-indicator detected)	**Total No. of Detections**	**Sample Dates**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Source of Contaminant**
E. coli	0 (In the year)	(2019) Monthly	0	(0)	Human and animal fecal waste
Enterococci	0 (In the year)	NT	TT	N/A	Human and animal fecal waste
Coliphage	0 (In the year)	NT	TT	N/A	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Groundwater TT

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLE
Water sampling for the Jefferson School SPWS **DID NOT** show presence of Total Coliform or E. Coli bacteria in the groundwater or distribution system during the 2019 year. As such, no Level I or Level II (sanitary) Assessments were required to be completed, and there was no Groundwater TT required.

SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES
Gratton School SPWS has not received notice from the State Water Board of any significant deficiency; at this time, it is our understanding that groundwater sampling has shown absence for bacteria and that there has not been a violation of a treatment technique. Therefore, no special notice can be given as there are no significant deficiencies that have gone uncorrected to our knowledge.

VIOLATION OF GROUNDWATER TT

TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language
N/A	N/A	N/A	N/A	N/A

ENVIRONMENTAL FGL AGRICULTURAL
Analytical Chemists

Invoice # 050202A

Remit To:
FGL Environmental
853 Corporation St
Santa Paula, CA 93060

INVOICE

Jefferson School District
1219 Whispering Wind Dr.
Tracy, CA 95377

Account # 3009670	
Date Billed 07/27/2020	Amount Due $54.00
Date Due 08/26/2020	Amount Paid

To ensure that your account is properly credited, please return top portion with payment

Keep bottom portion for your records.

ENVIRONMENTAL FGL AGRICULTURAL
Analytical Chemists

INVOICE

Customer Jefferson School District	Account # 3009670	Date Sampled 07/21/2020	Lab Number STK2050202
Project Water Monitoring-Odd	Invoice # 050202A	Date Billed 07/27/2020	Amount Due $54.00
PO# / Check Number	Date Paid	Date Due 08/26/2020	Amount Paid

Description of Work	Quantity	Rate	Extended
Bacti Analysis			
Coliform-Colilert-P/A	1	25.00	25.00
Support Analysis			
Sampling-Bacti Sampling	1	29.00	29.00
		Total	**$54.00**

(SMH-L4)

For Questions about this Invoice - contact Stephanie Herron at 805-392-2021
For Payments and Account Balance Information - contact the Accounting Department at (805) 392-2038

ENVIRONMENTAL AGRICULTURAL
Analytical Chemists

July 23, 2020

Jefferson School District
Attn: Dena Whittington
7500 West Linne Road
Tracy, CA 95376

STK2050202:1 **Coliform Bacteria Analysis**
Customer ID : 3009670

System Number : 3901107
Project Name : Water Monitoring-Odd

Analytical Results

ID	Sample Description	**Total**	**Fecal**	**E. Coli**	Units	Method	Prep	Footnote
1	Office custodian room sink C1	**Absent**	---	**Absent**	A/P/100ml	SM 9223B	Colilert-P/A 18	

N/R Not Required MPN Most Probable Number A/P Absence/Presence

The samples listed above were Acceptable for both Total and Fecal Coliform

Sample Handling Information

ID	Sample Number	System Number	Sample Type/Reason	Sampler	Employed By	Sampled
1	STK2050202-001	3901107	System-Routine	Tyler Sommerville	FGL Environmental	2020-07-21 12:35

Field Analysis/QA Information

ID	Sample Description	Cl Total/Free mg/l	Temp	Analysis Started	Analysis Completed	Contact	Contacted
1	Office custodian room sink C1	---/---	---	2020-07-21 15:05 JK	2020-07-22 10:01 LSM	N/R	

Analyses were performed at the FGL Stockton Laboratory using Standard Methods 20th edition. If you have any questions regarding your results, please call. The FGL Stockton Laboratory is certified by California ELAP #1563 and accredited to ISO/IEC 17025:2005 by PJLA certificate #75605,Testing.

Prepared By: SMH
cc:SJCEH

Reviewed and Approved By **Raquel R. Harvey** Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2020-07-27

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

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Analytical Chemists

Monthly

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Laboratory Copy (1 of 3)

34763:07/06/2020

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Jefferson School District**
Address: Attn: Mindy Maxedon
7500 West Linne Road
Tracy, CA 95376

Phone: (209)836-2766 Fax: (209)836-2930
Contact Person: Mindy Maxedon
Project Name: **Water Monitoring-Odd**
Purchase Order Number:
Quote Number:

Sampler(s) Tyler S

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 70502602 **3-9670**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform-Colilert-P/A 120ml(PBa)-Na2S2O3	Sampling-Bacti Sampling	Consulting-WaterTrax Report
1	Office custodian room sink C1	7/21/20	0935	G	DW			1	X	X

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	7/21/20	1330						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
	7/21/2020	1330						

Corporate Offices & Laboratory
853 Corporation Street
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San Luis Obispo, CA 93401
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Visalia, CA 93291
Phone: (559) 734-9473
Fax: (559) 734-8435