

## 2021 Consumer Confidence Report

Water System Name:     Bates Elementary School     Report Date:     May 1, 2022    

*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, 2022.*

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

Type of water source(s) in use:     Untreated Groundwater    

Name & location of source(s):     Main well    

    180 Primasing Avenue, Courtland 95815    

Drinking Water Source Assessment information:     A source assessment was completed November 2010. The well is considered most vulnerable to historic gas stations and confirmed leaking underground storage tanks    

Time and place of regularly scheduled board meetings for public participation:     N/A    

For more information, contact:     Shane Burr     Phone:     (530) 559-8089    

### 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 (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 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:** Department permission 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 (ug/L)

ppt: parts per trillion or nanograms per liter

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 by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.

**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 Main well	7/13/21	ND		10 ppm	10 ppm	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Arsenic Main well	2/9/21 10/7/21	9.4 ppb **ARA**	8.0-10.7 ppb	10 ppb	0.004 ppb	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Nitrite Main well	7/13/21	0.24 ppm		1 ppm		Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Perchlorate Main well	7/13/21	ND		6 ppb		Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts.

**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 Source of Contaminant
TDS Main well Back-up well	12/13/90 7/11/11	120 ppm 100 ppm		1000 ppm	N/A	Runoff/leaching from natural deposits
Specific Conductance Main well Back-up well	12/13/90 7/11/11	186 ohms 190 ohms		630 ohms	N/A	Substances that form ions when in water; seawater influence
Chloride Main well Back-up well	12/13/90 7/11/11	6 ppm 4.8 ppm		500 ppm	N/A	Runoff/leaching from natural deposits; seawater influence
Sulfate Main well Back-up well	12/13/90 7/11/11	7 ppm 5.1 ppm		500 ppm	N/A	Runoff/leaching from natural deposits; industrial wastes

**TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS**

**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
Failure to take triennial Lead & Copper samples	Water system failed to take triennial Lead and Copper samples	Summer 2021	Water system must take triennial Lead and Copper samples during summer 2022	

**For Water Systems Providing Ground Water as a Source of Drinking Water**

TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLES					
Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	(In the year) 0		0	(0)	Human and animal fecal waste

**Summary Information for Fecal Indicator-Positive Ground Water Source Samples, Uncorrected Significant Deficiencies**

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLE
NONE
SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES
NONE

**Summary Information for Operating Under a Variance or Exemption**

NONE
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## Consumer Confidence Report 2021 Certification Form

Return Completed Form To:  
Jenny Choi  
Sacramento County EMD  
11080 White Rock Road Ste 200  
Rancho Cordova, CA 95670

**Due No later than October 1, 2022**

Water System Name:      Bates Elementary School

Water System Number:    3400267

The water system named above hereby certifies that its Consumer Confidence Report was distributed on \_\_\_\_\_ (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 Sacramento County Environmental Management Department.

Certified by:            Name:            Ken  
                                  Gaston  
  
                                  Signature: \_\_\_\_\_  
                                  Title: Director of  
                                  MOT  
                                  Phone    Number:  
                                  707-374-1700



Date: May 1, 2022

Check all items that were used to distribute the CCR:

- CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: \_\_\_\_\_
- "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): River Delta Unified School District Website
  - 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)
  - For investor-owned utilities:* Delivered the CCR to the California Public Utilities Commission

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violations for each day that the

# Appendix A

violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in county jail not to exceed one year, or both the fine and imprisonment.