# **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  $\underline{ http://www.waterboards.ca.gov/drinking\_water/certlic/drinkingwater/CCR.shtml) }$ 

Water System Name: **COMMUNITY CHRISTIAN SCHOOL** 

		water Resources Control Bo	ard, Division of Drinking Wat	er.
Certified By:	Name	Robert Strojek		
	Signature			
	Title	Facilities manager		
	Phone Number	( 805) 967-2671	Date 3/8/2017	
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## 2016 Consumer Confidence Report

Water System Name: COMMUNITY CHRISTIAN SCHOOL Report Date: February 2017

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, 2016.

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.

Your water comes from 1 source(s): Well #1

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings are held every Tuesday at 9:00am, locations vary. To get information regarding meeting announcements you may contact County of Santa Barbara Board of Supervisors at www.countyofsb.org

For more information about this report, or any questions relating to your drinking water, please call (805) 967-2671 ext 111 and ask for Bob Strojek or visit our website at <a href="https://www.comcov.com">www.comcov.com</a>.

#### 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.

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

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

**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 and 5 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	Table 1 - 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 (ppm)	5 (2016)	0.15	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives				

	Table 2 - 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 (ppm)	(2016)	104	N/A	none	none	Salt present in the water and is generally naturally occurring					
Hardness (ppm)	(2016)	548	N/A	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring					

Table 3 - I	Table 3 - DETECTION OF CONTAMINANTS WITH A <u>PRIMARY</u> 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				
Fluoride (ppm)	(2016)	0.4	N/A	2		Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.				
Nitrate as N (ppm)	(2016)	1.5	N/A	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits				

Nitrate + Nitrite as N (ppm)	(2016)	1.5	N/A	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2015)	5.13	3.19 - 7.02	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2015)	2.11	N/A	20	0.43	Erosion of natural deposits

Table 4 - DETEC	CTION OF CO	NTAMINAN	TS WITH A S	ECON	DARY DRI	NKING WATER STANDARD
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	<b>Typical Sources of Contaminant</b>
Chloride (ppm)	(2016)	134	N/A	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2016)	1570	N/A	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2016)	354	N/A	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2016)	1070	N/A	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2016)	0.7	N/A	5	n/a	Soil runoff
Zinc (ppm)	(2016)	0.08	N/A	5	n/a	Runoff/leaching from natural deposits

	Table 5 - DETECTION OF UNREGULATED CONTAMINANTS										
Chemical or Constituent (and reporting units)	Sample Date Level Detected		Range of Detections	Notification Level	Typical Sources of Contaminant						
Boron (ppm)	(2016)	0.2	N/A	1	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.						

	Table 6 - ADDITIONAL DETECTIONS											
Chemical or Constituent (and reporting units)	Sample Date	<b>Level Detected</b>	Range of Detections	<b>Notification Level</b>	Typical Sources of Contaminant							
Calcium (mg/L)	(2016)	142	N/A	n/a	n/a							
Magnesium (mg/L)	(2016)	47	N/A	n/a	n/a							
pH (units)	(2016)	7.2	N/A	n/a	n/a							
Alkalinity (mg/L)	(2016)	260	N/A	n/a	n/a							
Aggressiveness Index	(2016)	12.2	N/A	n/a	n/a							
Langelier Index	(2016)	0.3	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 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. *Community Christian School* 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 <a href="http://www.epa.gov/lead">http://www.epa.gov/lead</a>.

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

**About our Total Dissolved Solids:** The TDS or Total Dissolved Solids in your water was found at levels that exceed the secondary MCL. The TDS MCLs was set to protect you against unpleasant aesthetic affects such as color, taste or hardness. Violating this MCL does not pose a risk to public health.

## 2016 Consumer Confidence Report

## **Drinking Water Assessment Information**

#### **Assessment Information**

A source water assessment was conducted for the WELL #1 of the COMMUNITY CHRISTIAN SCHOOL water system in August, 2002.

Well #1 - is not considered vulnerable to any potentially contaminating activities at this time.

## **Discussion of Vulnerability**

The source is not considered vulnerable to any potentially contaminating activities at this time.

### **Acquiring Information**

A copy of the complete assessment may be viewed at: Environmental Health Services 225 Camino del Remedio Santa Barbara, CA 93110

You may request a summary of the assessment be sent to you by contacting: Deanna Talerico
Environmental Health Specialist
805-346-8475
Deanna.Talerico@sbcphd.org

# Community Christian School Analytical Results By FGL - 2016

LEAD AND COPPER RULE											
	Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples			
Copper			1.3	.3			0.145	5			
SP 1607839-4	ppm				2016-07-11	ND					
SP 1607839-3	ppm				2016-07-11	0.13					
SP 1607839-5	ppm				2016-07-11	0.14					
SP 1607839-2	ppm				2016-07-11	0.05					
SP 1607839-1	ppm				2016-07-11	0.15					
	SP 1607839-5 SP 1607839-2	Units   ppm   SP 1607839-4   ppm   SP 1607839-3   ppm   SP 1607839-5   ppm   SP 1607839-2   ppm   SP 1607839-2	Units         MCLG           ppm         ppm           SP 1607839-4         ppm           SP 1607839-3         ppm           SP 1607839-5         ppm           SP 1607839-2         ppm	Units         MCLG         CA-MCL           ppm         1.3           SP 1607839-4         ppm           SP 1607839-3         ppm           SP 1607839-5         ppm           SP 1607839-2         ppm	Units         MCLG         CA-MCL         PHG           ppm         1.3         .3           SP 1607839-4         ppm	Units         MCLG         CA-MCL         PHG         Sampled           ppm         1.3         .3           SP 1607839-4         ppm         2016-07-11           SP 1607839-3         ppm         2016-07-11           SP 1607839-5         ppm         2016-07-11           SP 1607839-2         ppm         2016-07-11	Units         MCLG         CA-MCL         PHG         Sampled         Result           ppm         1.3         .3            SP 1607839-4         ppm         2016-07-11         ND           SP 1607839-3         ppm         2016-07-11         0.13           SP 1607839-5         ppm         2016-07-11         0.14           SP 1607839-2         ppm         2016-07-11         0.05	Units         MCLG         CA-MCL         PHG         Sampled         Result         90th Percentile           ppm         1.3         .3         0.145           SP 1607839-4         ppm         2016-07-11         ND           SP 1607839-3         ppm         2016-07-11         0.13           SP 1607839-5         ppm         2016-07-11         0.14           SP 1607839-2         ppm         2016-07-11         0.05			

SAMPLING RESULTS FOR SODIUM AND HARDNESS										
			MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)	
Sodium		ppm		none	none			104	104 - 104	
Well #1	SP 1606482-1	ppm				2016-06-07	104			
Hardness		ppm		none	none			548	548 - 548	
Well #1	SP 1606482-1	ppm				2016-06-07	548			

	PRIMA	RY DRIN	KING WA	TER STANI	OARDS (	PDWS)			
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Fluoride		ppm		2	1			0.4	0.4 - 0.4
Well #1	SP 1606482-1	ppm				2016-06-07	0.4		
Nitrate as N		ppm		10	10			1.5	1.5 - 1.5
Well #1	SP 1606482-1	ppm				2016-06-07	1.5		
Nitrate + Nitrite as N		ppm		10	10			1.5	1.5 - 1.5
Well #1	SP 1606482-1	ppm				2016-06-07	1.5		
Gross Alpha		pCi/L		15	(0)			5.13	3.19 - 7.02
Well #1	SP 1507433-1	pCi/L				2015-07-06	7.02		
Well #1	SP 1503858-1	pCi/L				2015-04-09	3.19		
Well #1	SP 1500070-1	pCi/L				2015-01-05	5.17		
Uranium		pCi/L		20	0.43			2.11	2.11 - 2.11
Well #1	SP 1507433-1	pCi/L				2015-07-06	2.11		

SECONDARY DRINKING WATER STANDARDS (SDWS)										
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)	
Chloride		ppm		500	n/a			134	134 - 134	
Well #1	SP 1606482-1	ppm				2016-06-07	134			
Specific Conductance		umhos/cm		1600	n/a			1570	1570 - 1570	
Well #1	SP 1606482-1	umhos/cm				2016-06-07	1570			
Sulfate		ppm		500	n/a			354	354 - 354	
Well #1	SP 1606482-1	ppm				2016-06-07	354			
Total Dissolved Solids		ppm		1000	n/a			1070	1070 - 1070	
Well #1	SP 1606482-1	ppm				2016-06-07	1070			
Turbidity		NTU		5	n/a			0.7	0.7 - 0.7	
Well #1	SP 1606482-1	NTU				2016-06-07	0.7			
Zinc	_	ppm		5	n/a		·	0.08	0.08 - 0.08	
Well #1	SP 1606482-1	ppm				2016-06-07	0.08			

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		ppm		NS	n/a			0.2	0.2 - 0.2
Well #1	SP 1606482-1	ppm				2016-06-07	0.2		

ADDITIONAL DETECTIONS										
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)	
Calcium		mg/L			n/a			142	142 - 142	
Well #1	SP 1606482-1	mg/L				2016-06-07	142			
Magnesium		mg/L			n/a			47	47 - 47	
Well #1	SP 1606482-1	mg/L				2016-06-07	47			
pН		units			n/a			7.2	7.2 - 7.2	
Well #1	SP 1606482-1	units				2016-06-07	7.2			
Alkalinity		mg/L			n/a			260	260 - 260	
Well #1	SP 1606482-1	mg/L				2016-06-07	260			
Aggressiveness Index					n/a			12.2	12.2 - 12.2	
Well #1	SP 1606482-1					2016-06-07	12.2			
Langelier Index					n/a			0.3	0.3 - 0.3	
Well #1	SP 1606482-1					2016-06-07	0.3			

## Community Christian School CCR Login Linkage - 2016

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
CuPb-ss09	SP 1607839-4	2016-07-11	Metals, Total	CuPb- Patterson House Ktchn-Sm	Copper & Lead Monitoring
CuPb-ss08	SP 1607839-3	2016-07-11	Metals, Total	CuPb- Preschool Kitchen	Copper & Lead Monitoring
CuPb-ss10	SP 1607839-5	2016-07-11	Metals, Total	CuPb- Preschool Lounge	Copper & Lead Monitoring
CuPb-ss07	SP 1607839-2	2016-07-11	Metals, Total	CuPb- Shaffer House Ktchn-Lrg	Copper & Lead Monitoring
CuPb-ss06	SP 1607839-1	2016-07-11	Metals, Total	CuPb- Upstairs Apartment Ktchn	Copper & Lead Monitoring
Well #1	SP 1500070-1	2015-01-05	Radio Chemistry	Well #1	Water Quality - Radio
	SP 1503858-1	2015-04-09	Radio Chemistry	Well #1	Water Quality - Radio
	SP 1507433-1	2015-07-06	Radio Chemistry	Well #1	Water Quality - Radio
WELL 01	SP 1606482-1	2016-06-07	General Mineral	Well #1	Water Quality Monitoring
	SP 1606482-1	2016-06-07	Wet Chemistry	Well #1	Water Quality Monitoring