

ATTACHMENT 7

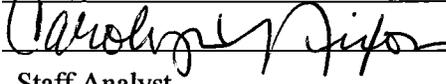
Consumer Confidence Report Certification Form

(to be submitted with a copy of the CCR)

Water System Name: CSA 49 (O'Neill(Five Points))

Water System Number: 1000546

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/21/13 (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 California Department of Public Health.

Certified by: Name: Carolyn Nixon
Signature: 
Title: Staff Analyst
Phone Number: (559) 600-4259 Date: June 21, 2013

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: _____

- "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.co.fresno.ca.us/specialdistricts
 - 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
 - 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 privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

2012 Consumer Confidence Report

Water System Name: CSA 49 (O'Neill(Five Points)) Report Date: June 21, 2013

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, 2012 and may include earlier monitoring data.

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: Surface water from the California Aqueduct, which is purchased from Westlands Water District and is treated by the County of Fresno at a state-of-the-art Surface Water Treatment Plant to meet quality standards.

Name & location of source(s): California Aqueduct-Fresno District through Westlands Water District.

An assessment of the drinking water source(s) for CSA 49 (O'Neill (Five Points)) has not been completed or is not on file.

Drinking Water Source Assessment information:

A copy of the complete assessment is available from the CDPH District Office located at 265 W. Bullard Ave Suite 101 Fresno CA 93704. You may request a summary of the assessment be sent to you by contacting the Supervising Regional Engineer at (559) 447-3300.

Time and place of regularly scheduled board meetings for public participation: Public meetings are scheduled as Needed, please contact for more information and dates.

For more information, contact: Carolyn Nixon Phone: (559) 600-4259

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

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.

Variations 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 ($\mu\text{g/L}$)

ppt: parts per trillion or nanograms per liter (ng/L)

ppq: parts per quadrillion or picogram per liter (pg/L)

of disinfectants to control microbial contaminants.

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.
- *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 California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 7, 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 Department 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.

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	(In a mo.)	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	(In the year)	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

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)	No. of samples collected	90 th percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (µg/L)	0		0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (mg/L)	1	.030	0	1.3	0.3	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	Sample	Level	Range of	MCL	PHG	Typical Source of Contaminant
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(and reporting units)	Date	Detected	Detections		(MCLG)	
Sodium (mg/L)	02/23/12	70		none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	02/23/12	120		none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.

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
Alachlor (µg/L)	02/23/12	ND		2	4	Runoff from herbicide used on row crops.
Aluminum (mg/L)	02/23/12	0.079		1	0.6	Erosion of natural deposits; residue from some surface water treatment processes.
Antimony (µg/L)	02/23/12	0.78		6	20	Discharge from petroleum refineries; fire retardants; ceramics; electronics; and solder.
Arsenic (µg/L)	02/23/12	0.22		10	0.004	Erosion from natural deposits; runoff from orchards; glass and electronics production.
Atrazine (µg/L)	02/23/12	ND		1	0.15	Runoff from herbicide used on row crops and along railroad and highway right-of-ways.
Barium (mg/L)	02/23/12	0.040		1	2	Discharges of oil drilling waste and metal refineries; erosion from natural deposits.
Benzo(a)pyrene [PAH] (µg/L)	02/23/12	ND		0.20	0.007	Leaching from linings of water storage tanks and distribution mains.
Beryllium (µg/L)	02/23/12	ND		4	1	Discharge from metal refineries, coal burning factories, and electrical, aerospace, and defense industries.
Cadmium (µg/L)	02/23/12	ND		5	0.04	Internal corrosion of galvanized pipes; erosion from natural deposits; discharge from electrical.
Chromium (µg/L)	02/23/12	ND		50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits.
Fluoride (mg/L)	02/23/12	ND		2.0	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Mercury (µg/L)	02/23/12	.032		2	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland.
Molinate [Ordram] (µg/L)	02/23/12	ND		20	1	Runoff/leaching from herbicide used on rice.
Nickel (µg/L)	02/23/12	8.25		1000	12	Erosion of natural deposits; discharge from metal factories.
Nitrate (as NO ₃)(mg/L)	02/23/12-05/29/12	2.80	1.711-4.334	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.

Selenium ($\mu\text{g/L}$)	02/23/12	8.51		50	30	Discharge from petroleum, glass, and metal refineries; erosion from natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive).
Simazine ($\mu\text{g/L}$)	02/23/12	ND		4	4	Herbicide runoff
Thallium ($\mu\text{g/L}$)	02/23/12	0.33		2	0.1	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories.
Thiobencarb ($\mu\text{g/L}$)	02/23/12	ND		70	70	Runoff/leaching from herbicide used on rice.

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
Aluminum ($\mu\text{g/L}$)	02/23/12	78.89		200	0.6	Erosion of natural deposits; residue from some surface water treatment processes.
Chloride	02/23/12	48.44		500		Water Additive used to control microbes.
Color (Apparent)	02/23/12	*20		15		Naturally occurring organic materials.
Iron (mg/L)	02/23/12	*0.41		0.30	1	Leaching from natural deposits; industrial waste.
Manganese ($\mu\text{g/L}$)	02/23/12	12.09		50	20	Leaching from natural deposits.
Methylene Blue Active (mg/L)	02/23/12	0.013		5		Methylene Blue Active is a colorimetric analysis test method that uses methylene blue to detect the presence of anionic surfactants (such as a detergent or foaming agent) in a sample of water.
pH (pH units)	02/23/12	8.12		7		Measurement of pH level.
Silver ($\mu\text{g/L}$)	02/23/12	ND		100		Residue of banned herbicide; industrial discharges.
Specific Conductance (EC) ($\mu\text{S/cm}$)	02/23/12	516.0		1600	1.0	Substances that form ions when in water; seawater influence.
Sulfate SO_4 (mg/L)	02/23/12	43		500		Runoff/leaching from natural deposits; industrial wastes.
Threshold Odor Number (TON)	02/23/12	2		3		Naturally occurring organic materials.
Toluene-d8 (mg/L)	02/23/12- 11/28/12	1.90	1.73-1.99	150	150	Discharge from petroleum and chemical factories; underground gas tank leaks.
Total Dissolved Solids (mg/L)	02/23/12	337.0		1000		Runoff, leaching from natural deposits.
Turbidity ($\mu\text{g/L}$)	02/23/12	2.66		5		Soil runoff.
Zinc (mg/L)	02/23/12	0.008		5.0		Runoff/Leaching from natural deposits; industrial waste.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language

*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

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 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 service lines and home plumbing. Fresno District, CSA 49 (O’Neill(Five Points)) 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/safewater/lead>.

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
*Color	Weather may disturb water source.	Intermittent	Chlorination treatment as needed.	In general, water from deep wells is practically colorless. Likewise, some shallow wells, springs and an occasional deep well can contain noticeable coloring.

Iron	Iron was found at levels that exceed the secondary MCL of 300 ug/L. The iron MCL was set to protect you against unpleasant aesthetic effects (e.g., color, taste, and odor) and the staining of plumbing fixtures (e.g., tubs and sinks) and clothing while washing. The high iron levels are due to leaching of natural deposits.	Intermittent	None at this time.	There is no significant health effects However, secondary standards are in place to establish an acceptable aesthetic quality of the water.
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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)	Human and animal fecal waste
Enterococci	(In the year)		TT	n/a	Human and animal fecal waste
Coliphage	(In the year)		TT	n/a	Human and animal fecal waste

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

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLE				
SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES				
VIOLATION OF GROUND WATER TT				
TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language

For Systems Providing Surface Water as a Source of Drinking Water

TABLE 8 - SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES

Treatment Technique ^(a) (Type of approved filtration technology used)	
Turbidity Performance Standards ^(b) (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to ____ NTU in 95% of measurements in a month. 2 – Not exceed ____ NTU for more than eight consecutive hours. 3 – Not exceed ____ NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	
Highest single turbidity measurement during the year	
Number of violations of any surface water treatment requirements	

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

* Any violation of a TT is marked with an asterisk. Additional information regarding the violation is provided below.

Summary Information for Violation of a Surface Water TT

VIOLATION OF A SURFACE WATER TT

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

Summary Information for Operating Under a Variance or Exemption
