

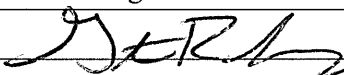
**Consumer Confidence Report
Certification Form**
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: Chuckawalla Valley / Ironwood State Prison

Water System Number: 3310802

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 23, 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: Gustavo Rodriguez
 Signature: 
 Title: Correctional Plant Manager II
 Phone Number: (760) 922-5300 Ext. 7300 Date: June 25, 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: _____

☒ "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)
- ☐ 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

2019 Consumer Confidence Report

Water System Name: **Chuckawalla Valley / Ironwood State Prison** Report Date: **June 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 Chuckawalla Valley/Ironwood State Prison a (760) 922-5300 Ext. 9710 para asistirlo en español.

Type of water source(s) in use: Groundwater

Name & general location of source(s): Wells 2, 3, 4 and 6. 19025 Wiley's Well Road Blythe CA 92225

Drinking Water Source Assessment Information: A source assessment was conducted for the Chuckawalla wells in March 2007.

The wells are considered most vulnerable to the following activities not associated with any detected contaminants: sewer collection systems, application of fertilizer and pesticides/herbicides, above-ground storage tanks, and storm drain discharge points.

For more information, contact: John J. Hernandez / Public Information Officer Phone: (760) 922-5300 Ext. 9710

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: State Board permission 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- 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 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)	(In a month)	0	1 positive monthly sample ^(a)	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (state Total Coliform Rule)	(In the year)	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or <i>E. coli</i> positive		Human and animal fecal waste
<i>E. coli</i> (federal Revised Total Coliform Rule)	(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	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb)	9/2018	20	ND	0	15	0.2	Not applicable	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	9/2018	20	0.0806	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

(ALL LEVELS REPORTED WERE DETECTED IN THE GROUNDWATER WELLS PRIOR TO TREATMENT)

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	2019	261.5	225 - 285	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2019	33.56	23 – 55.2	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

(ALL LEVELS REPORTED WERE DETECTED IN THE DRINKING WATER SYSTEM)

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Arsenic (ppb)	2019	0.24	ND – 13.3	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Fluoride (ppm)	2019	0.11	ND – 0.51	2	1	Erosion from natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

TABLE 5 – DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

(ALL LEVELS REPORTED WERE DETECTED IN THE GROUNDWATER WELLS PRIOR TO TREATMENT)

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Arsenic (ppb)	2019	33.13	ND – 39.4	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Fluoride (ppm)	2019	7.57	0.12 – 9.22	2	1	Erosion from natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

TABLE 6 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

(ALL LEVELS REPORTED WERE DETECTED IN THE DRINKING WATER SYSTEM)

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Chloride (ppm)	2019	43.7	32.1 – 63.1	500	(a)	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (µS/cm)	2019	271	202 – 395	1,600	(a)	Substances that form ions when in water; seawater influence
Total Dissolved Solids (ppm)	2019	152	60 – 360	1,000	(a)	Runoff/leaching from natural deposits

(a) There are no PHGs, MCLGs, or mandatory standard health affects language for these constituents because secondary MCLs are set on the basis of aesthetics.

TABLE 7 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD
(ALL LEVELS REPORTED WERE DETECTED IN THE GROUNDWATER WELLS PRIOR TO TREATMENT)

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Chloride (ppm)	2019	240	232 - 248	500	(a)	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (µS/cm)	2019	1239	836 - 1460	1,600	(a)	Substances that form ions when in water; seawater influence
Total Dissolved Solids (ppm)	2019	1015	692 - 1440	1000	(a)	Runoff/leaching from natural deposits
Sulfate (ppm)	2019	233	206 - 251	500	(a)	Runoff/leaching from natural deposits; industrial wastes
Manganese (ppb)	2019	ND	2.12	50	(a)	Leaching from natural deposits

(a) There are no PHGs, MCLGs, or mandatory standard health effects language for these constituents because secondary MCLs are set on the basis of aesthetics.

TABLE 8 – DETECTION OF DISINFECTANTS AND DISINFECTION BYPRODUCTS
(ALL LEVELS REPORTED WERE DETECTED IN THE DRINKING WATER SYSTEM)

Chemical or Constituent (and reporting units)	Sample Date	RRA	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chlorine (ppm)	2019	0.98	.80 – 1.23	[4]	[4]	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 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. Chuckawalla Valley State Prison's Water System 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 (1-800-426-4791) or at <http://www.epa.gov/lead>.

**LOCATIONS WHERE THE CONSUMER CONFIDENCE REPORT HAS BEEN POSTED
FOR CHUCKAWALLA VALLEY/IRONWOOD STATE PRISON**

SYSTEM NUMBER 3310802

CHUCKAWALLA VALLEY STATE PRISON

Alpha Yard (A Yard)
Library
Program Services

Bravo Yard (B Yard)
Library
Program Services

Charlie Yard (C Yard)
Library
Program Services

Delta Yard (D Yard)
Library
Program Services

Minimum Facility
Library
Program Services

Institutional Email

IRONWOOD STATE PRISON

Alpha Yard (A Yard)
Library
Program Services

Bravo Yard (B Yard)
Library
Program Services

Charlie Yard (C Yard)
Library
Program Services

Delta Yard (D Yard)
Library
Program Services

Minimum Facility
Library
Program Services

Institutional Email

CVSP

DECLARATION OF POSTING

I, JJ Hernandez, say and declare: That on the 17th day
of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: Institutional email

THIS REPORT WILL BE POSTED FOR 30 DAYS

JJ Hernandez

Print Name

[Signature]

Signature

6/17/20

Date

CVSP

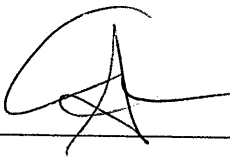
DECLARATION OF POSTING

I, A. GALLEGO, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: FACILITY "A"

THIS REPORT WILL BE POSTED FOR 30 DAYS

A. GALLEGO
Print Name


Signature

6/17/2020
Date

CVSP

DECLARATION OF POSTING

I, MAUDEEN MARTIN, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: A YARD LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

MAUDEEN MARTIN
Print Name

Maureen
Signature

6-17-20
Date

CVSP

DECLARATION OF POSTING

I, MAUDEEN MARTIN, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: B YARD LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

MAUDEEN MARTIN

Print Name

M. Martin

Signature

6-17-20

Date

CVSP

DECLARATION OF POSTING

I, A. Cruz, say and declare: That on the 17 day
of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: FACILITY "B"

THIS REPORT WILL BE POSTED FOR 30 DAYS

A Cruz
Print Name

[Signature]
Signature

6/17/20
Date

CVSP

DECLARATION OF POSTING

I, MAUDEEN MARTIN, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: C YARD LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

MAUDEEN MARTIN
Print Name

[Signature]
Signature

6-17-20
Date

CVSP

DECLARATION OF POSTING

I, R. Gomez, say and declare: That on the 17th day
of June, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: C Program

THIS REPORT WILL BE POSTED FOR 30 DAYS

R. Gomez

Print Name

[Signature]

Signature

6-17-2020

Date

DECLARATION OF POSTING

I, HAUDEEN MARTIN, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: D YARD LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

HAUDEEN MARTIN
Print Name

[Signature]
Signature

6-17-20
Date

CVSP

DECLARATION OF POSTING

I, A. Merzack, say and declare: That on the 17th day of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: D program

THIS REPORT WILL BE POSTED FOR 30 DAYS

A. Merzack

Print Name



Signature

6-17-20

Date

CVSP

DECLARATION OF POSTING


I, M. Zavala, say and declare: That on the 17 day
of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: MSF

THIS REPORT WILL BE POSTED FOR 30 DAYS

M. Zavala

Print Name



Signature

6-17-20

Date

CVSP

DECLARATION OF POSTING

I, MAUDEEN MARTIN, say and declare: That on the 17 day
of JUNE, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: MSF YARD LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

MAUDEEN MARTIN

Print Name

Maureen Martin

Signature

6-17-20

Date

Isp

DECLARATION OF POSTING

I, C. Barrera, say and declare: That on the 18 day
of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: Facility A library

THIS REPORT WILL BE POSTED FOR 30 DAYS

C. Barrera Sgt.
Print Name

C. Barrera
Signature

6/18/20
Date

ISP

DECLARATION OF POSTING

I, L. MADRILAR, say and declare: That on the 18 day
of JUNE, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: FACILITY B LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

L. MADRILAR SV

Print Name

[Signature]

Signature

6-18-20

Date

ISP

DECLARATION OF POSTING

I, C. WILKINSON, say and declare: That on the 18 day
of JUNE, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: FACILITY C LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

C. WILKINSON
Print Name

[Signature]
Signature

6/18/20
Date

ISP

DECLARATION OF POSTING

I, M. Avila Ayon, say and declare: That on the 18 day
of June, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: Facility D Library

THIS REPORT WILL BE POSTED FOR 30 DAYS

M. Avila Ayon
Print Name

[Signature]
Signature

6/18/2020
Date

ISP

DECLARATION OF POSTING

I, P. Snyder, say and declare: That on the 18 day
of June, 2020 I personally received and posted at the following location(s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: E FAC. LIBRARY

THIS REPORT WILL BE POSTED FOR 30 DAYS

P. Snyder
Print Name

[Signature]
Signature

6/18/20
Date

ISP

DECLARATION OF POSTING

I, S. Cardenas, say and declare: That on the 23 day
of June, 2020 I personally received and posted at the following locations (s)
"Chuckawalla Valley / Ironwood State Prison's 2019 Consumer Confidence Report".

Location(s) posted: Institutional Email

THIS REPORT WILL BE POSTED FOR 30 DAYS

S. Cardenas
Print Name

[Signature]
Signature

6/23/20
Date