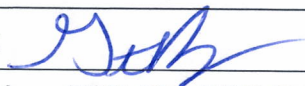


## Consumer Confidence Report Certification Form

Water System Name:	Chuckawalla Valley / Ironwood State Prison
Water System Number:	CA3310802

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 28, 2023 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 (DDW).

Certified by:

Name: Gustavo Rodriguez	Title: Correctional Plant Manager II
Signature: 	Date: June 28, 2023
Phone number: (760) 922-5300 Ext. 7300	

*To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:*

- ☐ CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).
- ☐ CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- ☒ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
  - ☐ Posting the CCR at the following URL: 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)
  - ☐ Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)

- ☐ Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
- ☐ 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 URL: www.\_\_\_\_\_
- ☐ *For privately-owned utilities:* Delivered the CCR to the California Public Utilities Commission

## 2022 Consumer Confidence Report

### Water System Information

Water System Name: **Chuckawalla Valley / Ironwood State Prison**

Report Date: **July 1, 2023**

Type of Water Source(s) in Use: **Groundwater Wells**

Name and General Location of Source(s): **Well #2, Well #3, Well #4, Well #6. 19025 Wiley's Well Rd, Blythe, CA 92225**

Drinking Water Source Assessment Information: **A source assessment was conducted for Chuckawalla / Ironwood well sites in March 2007. The wells are considered most vulnerable to the following activities; sewer collection systems, application of fertilizer and herbicides/ pesticides, above ground storage tanks, and storm drain discharge points.**

For More Information, Contact: **John J. Hernandez/ Public Information Officer at (760) 922-5300 Ext: 9710**

### About This Report

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, 2022 and may include earlier monitoring data.

### Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Chuckawalla Valley State Prison a 19025 Wiley's Well Road, Blythe CA 92225, (760) 922-5300 Ext.9710 para asistirlo en español.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Chuckawalla Valley State Prison ntawm 19025 Wiley's Well Road, Blythe CA 92225, (760) 922-5300 Ext.9710 rau kev pab hauv lus Askiv.

### Terms Used in This Report

Term	Definition
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 <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
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).
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.

Term	Definition
Primary Drinking Water Standards (PDWS)	MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.
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.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
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.
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.
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)

## Sources of Drinking Water and Contaminants that May Be Present in Source Water

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.

## Regulation of Drinking Water and Bottled Water Quality

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.

## About Your Drinking Water Quality

### Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, and 6 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	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
<i>E. coli</i>	0	0	(a)	0	Human and animal fecal waste

(a) 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	Sample Date	No. of Samples Collected	90 <sup>th</sup> Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	2021	20	1.1	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	2021	20	0.051	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 (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	2020-2022	403	300-490	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2020-2022	61	29-140	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 (ppb)	2022	5.4	2.5-10.6	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Fluoride (ppm)	2022	0.45	ND-2.0	2.0	1.0	Erosion of natural deposits; water additive to promote strong tooth enamel; discharge from fertilizer and aluminum factories
Selenium (ppb)	2020-2022	ND	ND-5.3	5.0	3.0	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)

**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
Chloride (ppm)	2020-2022	355	240-490	500	(a.)	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (µS/cm)	2022	227	84-370	1600	(a.)	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2020-2022	378	240-520	500	(a.)	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2022	291	44-830	1000	(a.)	Runoff/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 aesthetic concerns

**Table 6. Detection of Disinfection Byproducts, Disinfectant Residuals, and Disinfection Byproduct Precursors**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Chlorine (ppm)	2022	0.78	0.09-1.28	[4]	[4]	Drinking water disinfectant added for treatment
Total Trihalomethanes (ppb)	2022	5.0	ND-5.0	80	NA	Byproduct of drinking water disinfection

### 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/Ironwood State Prison 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 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>.

**Additional Special Language for Arsenic:** 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 costs 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.

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

**WATER SYSTEM: CA3310802**

**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

**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

**ECHO YARD (MINIMUM YARD)**  
LIBRARY  
PROGRAM SERVICES

**INSTITUTIONAL EMAIL**



## DECLARATION OF POSTING

I, Kenneth Scleror, say and declare: That on the 27<sup>th</sup> day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Alpha yard Program Services

## THIS REPORT WILL BE POSTED FOR 30 DAYS

A. Burnett

Print Name

A. Burnett

Signature

06/27/23

Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 22<sup>nd</sup> day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Alpha yard Library

## THIS REPORT WILL BE POSTED FOR 30 DAYS

A Burnett

Print Name

Burnett

Signature

06/27/23

Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 27<sup>th</sup> day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Bravo yard Program Services

## THIS REPORT WILL BE POSTED FOR 30 DAYS

  
Print Name

  
Signature

6/27/2023  
Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 27 day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Bravo yard Library

## THIS REPORT WILL BE POSTED FOR 30 DAYS

P. Salazar  
Print Name

P. Salazar  
Signature

6/27/2023  
Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 27 day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Charlie yard Library

## THIS REPORT WILL BE POSTED FOR 30 DAYS

R. Balson  
Print Name

[Signature]  
Signature

6-23-27  
Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 27 day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Charlie yard Program Services

## THIS REPORT WILL BE POSTED FOR 30 DAYS

P. Kaba

Print Name

[Signature]

Signature

6-27-23

Date

## DECLARATION OF POSTING

I, Kenneth Salazar, say and declare: That on the 27<sup>th</sup> 6-27-23 day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Delta yard Program Services

## THIS REPORT WILL BE POSTED FOR 30 DAYS

A. J. McNeill  
Print Name

[Signature]  
Signature

6/27/23  
Date

## DECLARATION OF POSTING

I, Kenneth Sodazar, say and declare: That on the 28 day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Delta yard Library

**THIS REPORT WILL BE POSTED FOR 30 DAYS**

L. Gout  
Print Name

[Signature]  
Signature

6-28-23  
Date



## DECLARATION OF POSTING

I, Gustavo Rodriguez, say and declare: That on the 28<sup>th</sup> day  
of June, 2023 I personally received and posted at the following locations (s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: Institutional Email CVSP

## THIS REPORT WILL BE POSTED FOR 30 DAYS

Gustavo Rodriguez  
Print Name

[Signature]  
Signature

6-28-2023  
Date

## DECLARATION OF POSTING

I, DUSTIN JOHNSON, say and declare: That on the 28 day  
of JUNE, 2023 I personally received and posted at the following location(s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: PIO OFFICE ISP Institutional Email

THIS REPORT WILL BE POSTED FOR 30 DAYS

DUSTIN JOHNSON

Print Name



Signature

6/28/2023

Date

## DECLARATION OF POSTING

I, DUSTIN JOHNSON, say and declare: That on the 28 day  
of JUNE, 2023 I personally received and posted at the following location(s)  
"Chuckawalla Valley / Ironwood State Prison's 2022 Consumer Confidence Report".

Location(s) posted: ISP A - E PROGRAMS & LIBRARIES

**THIS REPORT WILL BE POSTED FOR 30 DAYS**

DUSTIN JOHNSON

Print Name

[Signature]

Signature

6/28/2023

Date