Drought and Conservation Reporting Public Workshop

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CALIFORNIA
Water Boards

Division of Drinking Water, July 13, 2023

Overview

Welcome and Introductions – http://video.calepa.ca.gov

Q & A Guidelines

Drought and Conservation Reporting Requirements

Reporting Awards

Future Enhancements

SAFER Clearinghouse - Drought Reporting Live Demo

POLL #1: Have you ever attended our previous Drought and Conservation Reporting Brown Bags?

- Yes
- No

POLL #2: What is your primary role in Drought and Conservation reporting?

- Interested party that is not responsible for reporting
- Collecting or reporting data into the portal
- Management in charge of staff who are reporting
- Regulatory staff

• Q&A Guidelines

- We aim to create an open, respectful dialogue and provide helpful responses within the scope of this workshop.
- Use the Q & A feature to have your question or comment placed in the queue.
- We will get to as many questions as possible in the allotted time frame. Feel free to UPVOTE on questions instead of submitting a duplicate question.
- Please keep questions succinct and relevant to the Drought and Conservation Reporting Portal Sections that are being presented and associated requirements.
- Include your name and affiliation when asking your question.

• Q&A Guidelines

- You will be muted unless called on to clarify your question.
- If we go over on time, we may not get to all questions during this workshop.
- Questions of a system-specific or technical nature about troubleshooting the portal may be better addressed through our email help desk at ddw-drought@waterboards.ca.gov
- You can continue to submit questions after the workshop by filling out the survey form that will be sent out.

Drought and Conservation Reporting Technical Order Requirements

Issued on January 1, 2023

Effort to consolidate existing, new, and duplicative requirements into the SAFER Clearinghouse

Reducing Duplicative Reporting

Portal	Number of Water Systems Reporting
Clearinghouse Drought Reporting	274 water systems ultimately affected by orders *some water outage systems still not flagged due to lack of water quantity data
Electronic Annual Reporting (Duplicative)	7,308
DRINC Monthly Conservation Reporting (Duplicative)	529
SB552 reporting requirements for CWS and NTNC Schools that are water systems (NEW)	2,715

Drought and Conservation Reporting Requirements

All Community Water Systems are required to report, including wholesalers and urban water suppliers (2850 water systems)

All Non-Transient Non-Community Water Systems that are schools are required to report (388 water systems)

Launched January 2023: reporting on Water Shortage, Source Reporting, and Supply and Demand. Urbans and drought order systems also report on Supply Augmentation and Demand Reduction.

Monthly Reporting Frequencies & Deadlines

Reporting Period	Schools conducting Monthly Drought & Conservation Reporting	Monthly Deadline for 2022 Drought Order Reporting	Monthly Deadline for Urban Retail Water Supplier Reporting
Jan-23	April 30, 2023	February 7, 2023	April 30, 2023
Feb-23		March 7, 2023	
Mar-23		April 7, 2023	
Apr-23	July 31, 2023	May 7, 2023	May 31, 2023
May-23		June 7, 2023	June 30, 2023
Jun-23		July 7, 2023	July 31, 2023
Jul-23	October 31, 2023	August 7, 2023	August 31, 2023
Aug-23		September 7, 2023	September 30, 2023

Data Reported

Section	Description
Water Shortage	Per month, water systems are required to report if they are experiencing, or about to experience, a severe water shortage. Information about the system's Water Shortage Contingency Plan is also collected.
Source Reporting	Per month, water systems are required to submit their monthly source production volumes and information regarding their sources' current capacity.
Supply & Demand	Per month, water systems are required to report their total monthly potable and non-potable supply (production) and demand (delivery) volumes. This information is broken down by source water types and customer classifications.
Supply Augmentation	Per month, water systems are required to provide information on supply augmentation activities if they are pursuing any.
Demand Reduction	Per month, water systems are required to provide information on demand reduction activities if they are pursuing any.

POLL #3: What part(s) of the portal do you need more guidance on? (Check all that apply)

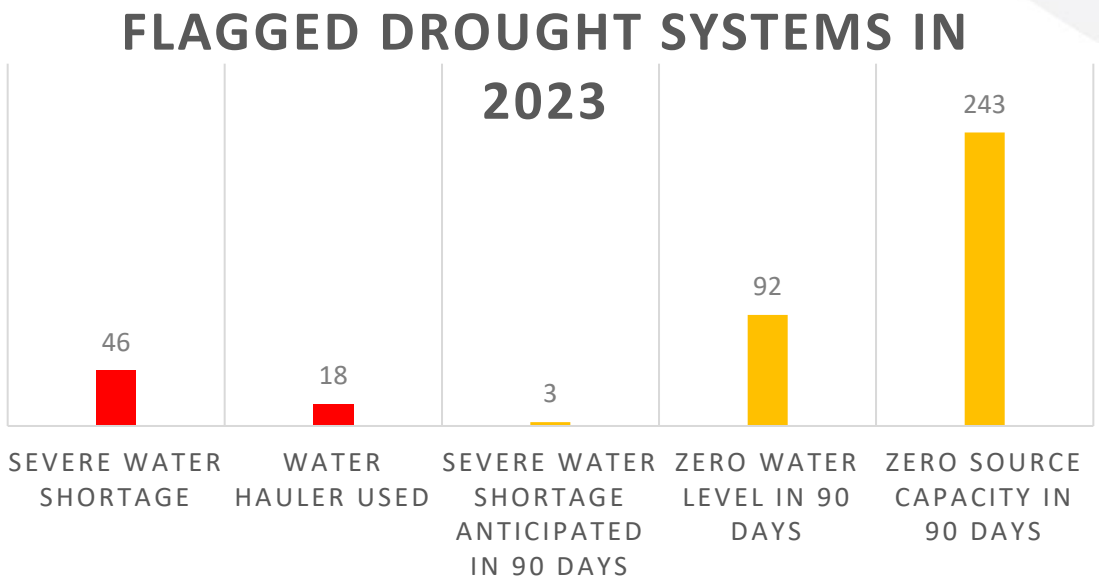
- Registering for an account
- Navigating the portal
- Entering data
- Using batch templates
- Certifying and submitting
- Understanding definitions

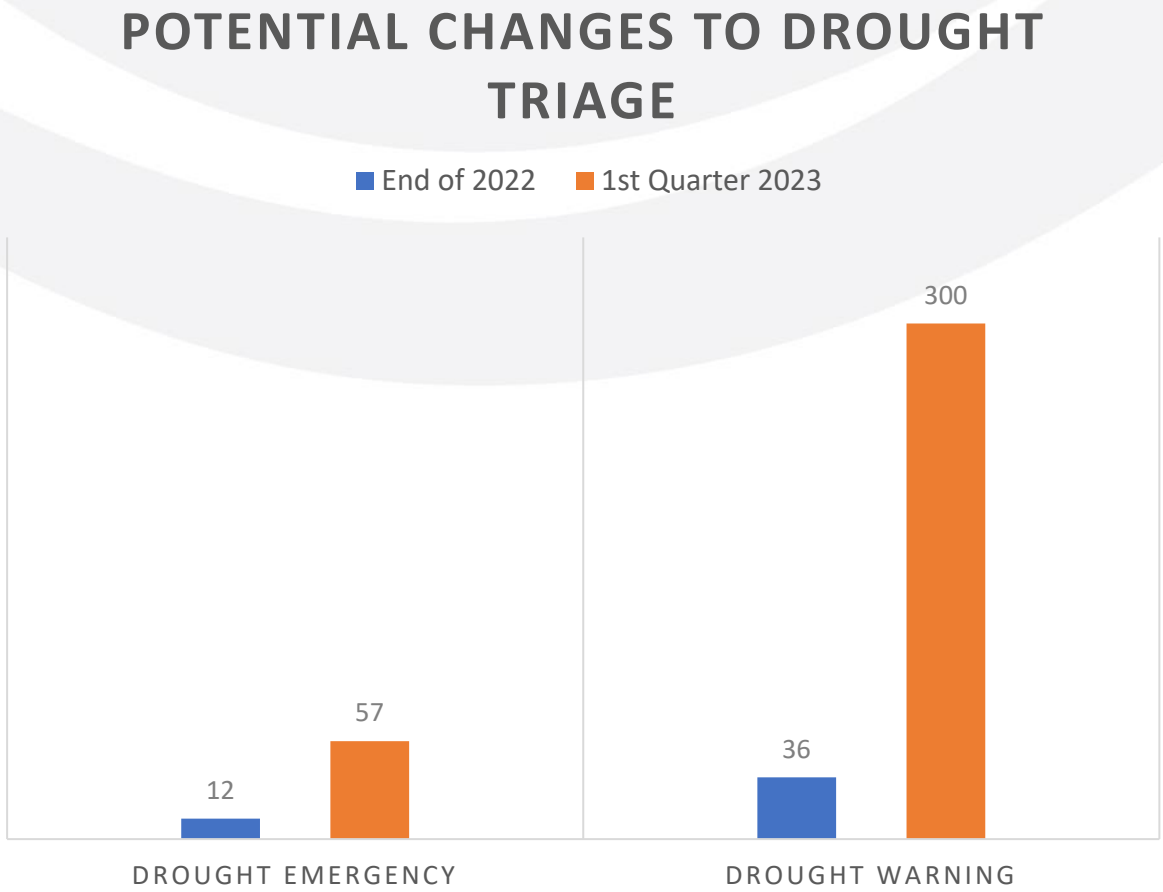
Use of the Data

DATA QUALITY REVIEWS TO ENSURE GOOD DECISIONS ARE BEING MADE

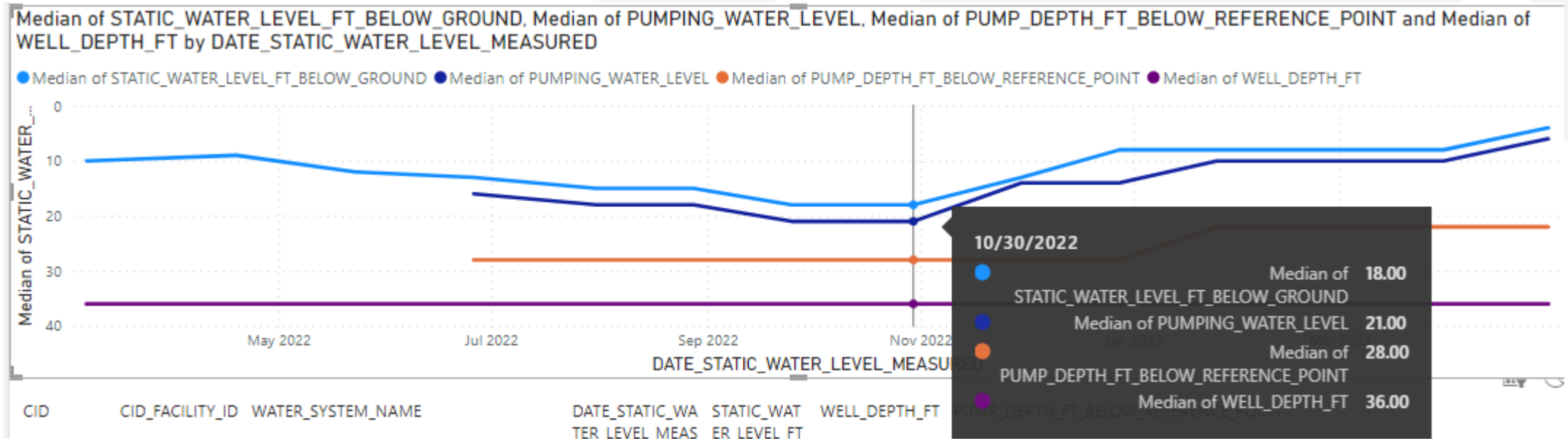
SOURCE CAPACITY EVALUATIONS COMPARING REPORTED SOURCE CAPACITY AND REPORTED PRODUCTION.

Use of the Data

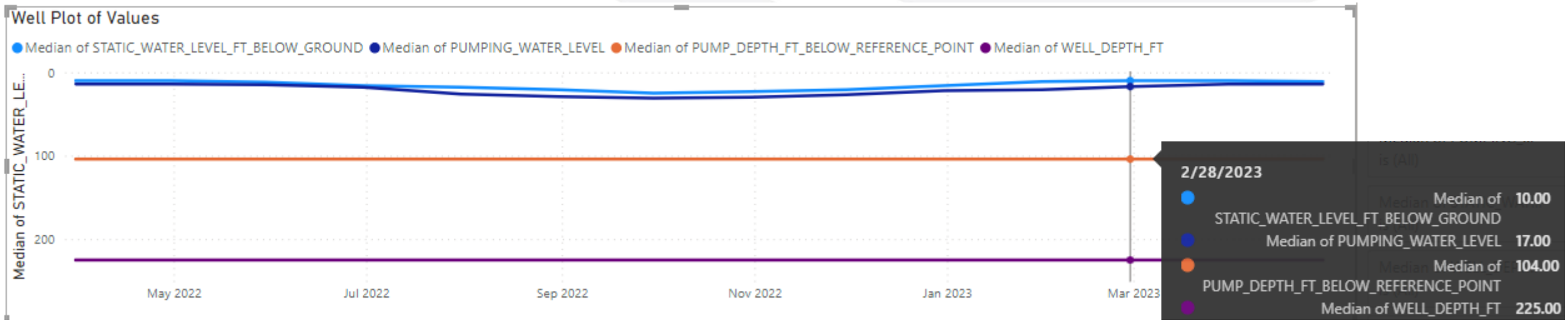




Example - Russian River Watershed



Example - Russian River Watershed



CALIFORNIA Water Boards

SUPERIOR REPORTING AWARD

WATER GUARDIAN

- Completed all three reporting periods on time
- Submitted Water Levels and did not mark Not Available
- 195 Water Systems received this award

Superior Reporting Highlights

Whale Gulch Elementary School – 60 population NTNC school water system	7 total schools received this award
Mojave Water District – Wholesaler water system serves 316,866 customers indirectly.	9 total wholesalers received this award
City of Modesto – Large Urban Utility serving 70,240 connections	Almost 50 urban water suppliers received this award
Jonata Homeowners Association – Small HOA serving 35 people	About 150 small water suppliers received this award

HONORABLE MENTION AWARD

DROUGHT RESPONDER

Completed all three reports on time

144 Systems

POLL #4: What is your biggest challenge with meeting reporting requirements?

- Awareness of requirements
- Accessing the portal
- Collecting all the required data
- Entering data into the portal
- Meeting deadlines
- Resource limitations (i.e. staff time, money, knowledge, etc.)

Other Enhancements on the Horizon

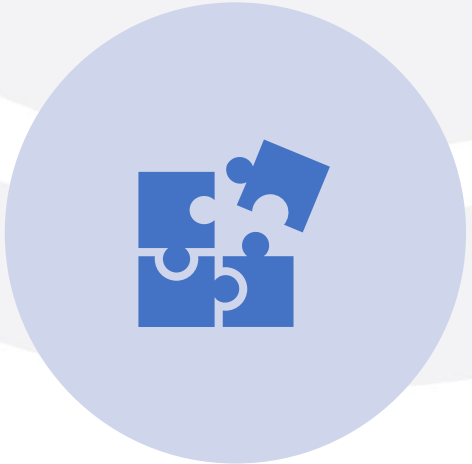
- Aggregated reporting for May 2023
- Data export ability for water systems and regulatory staff to download their data in bulk from the application
- Visualizations of data accessible to regulators and water systems

POLL #5: What are your most anticipated expected features? (Check all that apply)

- Elimination of more duplicative reporting
- Reporting data export
- Visualization and flags for submitted data
- Improved dashboard to access reporting
- Screening criteria to increase or decrease frequency of reporting
- Contact management system

EAR Reporting Transitions

Annual reporting of supply and demand and source inventory data anticipated to be replaced in the EAR for 2024.



Compiled from monthly reporting periods to reduce annual reporting burden

Feedback Received

- Not Available
- Water Loss
- Billing cycle mismatch
- Batch Upload
- Duplicative Reporting

POLL #6 How much time does your water system need to provide not available and preliminary data

- Seven days after the reporting month
- The month after the reporting month
- A quarter after the reporting month
- A year after the reporting month
- Will not have the data in the foreseeable future

POLL #7 Have you created an account in the SAFER Clearinghouse yet?

- Yes, I'm in!
- Yes, but I am waiting for approval or are having difficulties accessing the portal.
- Not yet, still working on it
- Do not need an account

- https://drought.waterboards.ca.gov

10 Minute Break

SAFER Clearinghouse Portal - Drought Reporting
LIVE DEMO

1. Registering and accessing account
2. Starting a new report
3. Entering data on each tab
4. Using batch templates
5. Attesting and submitting report

POLL #8 How useful are the available guidance materials and resources?

- Very useful
- Somewhat useful
- Not very useful
- Haven't used them
- What guidance materials?

List the guidance materials that would be most helpful:

Resources

- Website: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/clearinghouse_drought_conservation_reporting.html
  - User Guide
  - Frequently Asked Questions
  - Quick Reference Guide to creating a new account
  - Brownbag training video
  - Reporting Deadlines
  - and much more…
- Link to survey will be emailed out
- Please contact us at ddw-drought@waterboards.ca.gov

POLL #9: Which communication method(s) work best for sharing information regarding Drought and Conservation Reporting? (Check all that apply)

- Email
- Training webinars and brown bags
- Board meeting updates
- Website

POLL #10: How satisfied are you with the level of technical support available?

- Very satisfied
- Somewhat satisfied
- Not very satisfied
- I have not requested any technical support

POLL #11: How likely are you to attend future webinars on Drought and Conservation reporting?

- Very likely
- Somewhat likely
- Not likely
- Not attending, I got this

POLL #12: How would you rate the ease of use of the SAFER Clearinghouse for reporting?

- Better than other state reporting systems
- On par with other state reporting systems
- One of the worst reporting systems I have used

Thank you for attending our workshop!

Additional Slides if needed

SANTA CRUZ WATER DEPARTMENT : CA4410010

User Guide | Training Video

WATER SHORTAGE | SOURCE REPORTING | SUPPLY & DEMAND | SUPPLY AUGMENTATION | DEMAND REDUCTION | REVIEW & SUBMIT

WATER SHORTAGE

Reported By: Kristyn Abhold

System can auto-fill previous report's data if "no change"

	PREVIOUS REPORTING PERIOD	CURRENT REPORTING PERIOD 09/01/2022 – 09/30/2022	No Change
Experiencing a severe water shortage: * A water shortage can be described as an inability of a water system to meet with the demand of the system. This can be documented by a loss of pressure (less than 5 psi), inadequate supply to customers, or some other threat to health and safety such as the reliance on hauled, bottled, or contaminated water to meet system demand.		○ Yes ◉ No	☐
Estimated date of when a severe water shortage may begin: *		☐ Severe water shortage not expected	☐
Do you have a Water Shortage Contingency Plan (or Drought Planning Elements)?: *		◉ Yes ○ No	☐
Website link to Water Shortage Contingency Plan: *		☐ Water Shortage Contingency Plan Not Available Online	☐
Upload Water Shortage Contingency Plan: *		Choose a file FINAL 2022 Capacity Development CapDev Strategy.docx ☐ Not Available	☐
Adoption date of Plan: *		11/01/2022	☐
What equivalent level percent source reduction of your Water Shortage Contingency Plan have you invoked?: *		10-19% Reduction (Shortage Level 2)	☐

COMMENTS

Source Reporting Batch-Upload w/ Data Validation Check

SANTA CRUZ WATER DEPARTMENT : CA4410010

WATER SHORTAGE | SOURCE REPORTING | SUPPLY & DEMAND | SUPPLY AUGMENTATION | DEMAND REDUCTION | REVIEW & SUBMIT

SOURCE REPORTING

SOURCE REPORTING

Batch-Upload | Download Template

GROUNDWATER & GWUDI
- BELTZ WELL 08 - RAW
- BELTZ WELL 09 - RAW
- BELTZ WELL 10 - RAW
- BELTZ WELL 12 - RAW
- TAIT ST WELL 1B - SURFACE INFLUENCE- RAW
- TAIT ST WELL 3B - SURFACE INFLUENCE - RA
- TAIT WELL 04 - SURFACE INFLUENCE - RAW

SURFACE WATER
- LAGUNA DIVERSION - RAW
- LOCH LOMOND RESERVOIR - RAW
- MAJORS DIVERSION
- SLR - FELTON DIV - RAW
- SLR - TAIT ST DIV - RAW

SPRING WATER
- LIDDELL SPRING - SURFACE INFLUENCE - RAW

CONSECUTIVE CONNECTIONS
- INTERTIE - SOQUEL CREEK WD

HAULED WATER Add New
- Kristyn's Hauler 1

REPORTING PERIOD
09/01/2022 - 09/30/2022

Reported By: William Allen

SOURCE INFORMATION

Facility Name:	BELTZ WELL 08 - RAW	Well Construction Date:	
Facility ID:	024	Well Depth (feet below ground surface):	
Facility Type:	Well	Fractured Hard Rock Well:	
Water Type:	Groundwater	Water Rights ID:	
Latitude:	36.966869	Well Completion Report Number:	
Longitude:	-121.968279	Well Completion Report:	
Facility Availability:	Permanent	Department of Water Resources Site Code Identification Number:	
Activity Status:	Active		

SOURCE ACTIVITY

Did you utilize this source during the reporting period?: * (?) Yes

WATER LEVEL

Static Water Level (feet below ground surface): * (?)	5	Date Measured: * (?)	09/01/2022	Not Available
Pumping Water Level (feet below ground surface): * (?)	5	Date Measured: * (?)	09/01/2022	Not Available
Pump Depth (feet below ground surface): * (?)	5	Date Measured: * (?)	09/01/2022	Not Available

SANTA CRUZ WATER DEPARTMENT : CA4410010

WATER SHORTAGE | SOURCE REPORTING | SUPPLY & DEMAND | SUPPLY AUGMENTATION | DEMAND REDUCTION | REVIEW & SUBMIT

SUPPLY & DEMAND

- ABOUT
- POTABLE SUPPLY
- POTABLE DEMAND
- NON-POTABLE SUPPLY
- NON-POTABLE DEMAND
- TOTAL REPORT SUMMARY
- TOTAL ANNUAL SUMMARY

REPORTING PERIOD
09/01/2022 - 09/30/2022

Source data auto-fills Potable Supply tables = ensures data consistency

Reported By: Eric Zuniga

POTABLE SUPPLY

The information below is pre-filled using the individual source production data provided in the "Source Reporting" section of this report.

Please select the appropriate unit of measure for the volumes reported in the fields below. * Gallons (G)

POTABLE SELF-PRODUCED

Groundwater Production	GWUDI Production	Surface Water Production	Spring Production	TOTAL Potable Self-Produced	Preliminary Estimate?
20	15	25	5	65	○ Yes ◉ No

POTABLE EXTERNALLY-SOURCED

Consecutive Connection	Consecutive Connection Obtained From (Water Systems Only)	Hauled Water Purchased/Received	Hauled Water Purchased From (Water Systems Only)	Bottled Water Reliance	TOTAL Potable Externally-Sourced	Preliminary Estimate?
5	CA4410002 - SLVWD - FELTON WATER SYSTEM; CA4410017 - SOQUEL CREEK WATER DISTRICT	0	CA0105010 - EBRPD - DEL VALLE REGIONAL PARK	○ Yes ◉ No	5	○ Yes ◉ No

TOTAL POTABLE SUPPLY

TOTAL Potable Supply	Preliminary Estimate?
70	○ Yes ◉ No

POTABLE SUPPLY COMMENTS

Cancel | Save Progress

SANTA CRUZ WATER DEPARTMENT : CA4410010

WATER SHORTAGE | SOURCE REPORTING | SUPPLY & DEMAND | SUPPLY AUGMENTATION | DEMAND REDUCTION | REVIEW & SUBMIT

SUPPLY & DEMAND

- ABOUT
- POTABLE SUPPLY
- POTABLE DEMAND
- NON-POTABLE SUPPLY
- NON-POTABLE DEMAND
- TOTAL REPORT SUMMARY
- TOTAL ANNUAL SUMMARY

REPORTING PERIOD
09/01/2022 - 09/30/2022

Collecting more data on Recycled Water and Batch Uploading Functionality

Reported By: Eric Zuniga

NON-POTABLE SUPPLY

Please select the appropriate unit of measure for the volumes reported in the fields below.* Million Gallons (MG)

NON-POTABLE SELF-PRODUCED SUPPLY

Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., agriculture well)	TOTAL Non-Potable Water Self-Produced	Preliminary Estimate?
1	2	3	Yes / No

NON-POTABLE SUPPLY EXTERNALLY-SOURCED

Recycled Water Obtained	Recycled Water Obtained From (Water System Number Only)	Obtained Non-Potable Hauled Water	Other Non-Potable Water Obtained From Another Water System	Non-Potable Obtained Water Sources (Water Systems Only)	TOTAL Non-Potable Water Externally Sourced	Preliminary Estimate?
3	4	5	6	CA1400136 - EASTERN SIERRA TRI COUNTY FAIR	14	Yes / No

TOTAL NON-POTABLE SUPPLY

TOTAL Non-Potable Supply	Preliminary Estimate?
17	Yes / No

NON-POTABLE SUPPLY COMMENTS

Cancel | Save Progress

SANTA CRUZ WATER DEPARTMENT : CA4410010

User Guide | Training Video

WATER SHORTAGE | SOURCE REPORTING | SUPPLY & DEMAND | SUPPLY AUGMENTATION | DEMAND REDUCTION

Total Annual Report auto-generated – satisfying annual reporting requirements

SUPPLY & DEMAND

- ABOUT
- POTABLE SUPPLY
- POTABLE DEMAND
- NON-POTABLE SUPPLY
- NON-POTABLE DEMAND
- TOTAL REPORT SUMMARY
- TOTAL ANNUAL SUMMARY

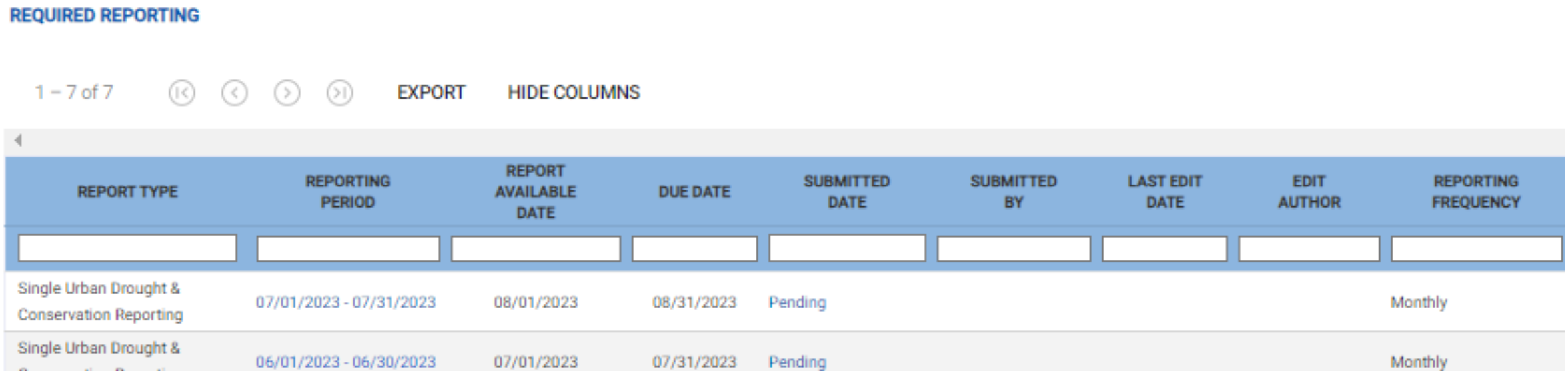
REPORTING PERIOD
09/01/2022 - 09/30/2022

ANNUAL SUPPLY (IN GALLONS)

Month	Groundwater Production	Surface Water Production	Spring Production	Consecutive Connection	Hauled Water Purchased/Received From (Water Systems Only)	TOTAL Potable Supply	Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., AGRICULTURE well)	Recycled Water Obtained	Recycled Water Obtained From (Water System Number Only)	Obtained Non-Potable Hauled Water	Other Non-Potable Water Obtained From Another Water System	Non-Potable Obtained Water Sources (Water Systems Only)	TOTAL Non-Potable Supply	TOTAL Supply
July															0
August	16,006	97,755,300				97,783,321									97,783,321
September	20	25	5	5	CA0105010 - EBRPD - DEL VALLE REGIONAL PARK	70	1	2	3	4	5	6	CA1400136 - EASTERN SIERRA TRI COUNTY FAIR	17	87
TOTAL	**16,026**	**97,755,325**	**5**	**5**		**97,783,391**	**1**	**2**	**3**		**5**			**17**	**97,783,408**

ANNUAL DEMAND (IN GALLONS)

Month	Residential Single-Family	Residential Multi-Family	Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Industrial	Agriculture	Other Non-Residential Demand	Volume Sold or Delivered to Other Water Systems(s)	Sold or Delivered To (Water Systems Only)	TOTAL Potable Demand	Residential Recycled Water Demand	Residential Non-Potable Demand (non-recycled)	Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	Volume Non-Potable Sold or Delivered to Other Water System(s)	Non-Potable Sold or Delivered To (Water Systems Only)	TOTAL Non-Potable Demand
July																	
August																	
September	1	2	3	4	5	6	7	8	CA1400504 - BOULDER CREEK TRAILER PARK	36	1	2	4	5	7	CA1400049 - DIAZ LAKE CAMPGROUND	12
TOTAL	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**		**36**	**1**	**2**	**4**	**5**	**7**		**12**

Greater Flexibility – Reporting, Reminders, Editing

- Systems will receive email notifications and reminders of Report due dates, past-due notifications, etc.
- Systems can report preliminary data but must provide final data by the end of the calendar year.
- Systems will be able to access submitted Reports and make edits to data.