


Agenda Report Reviewed by:
City Manager: 

CITY OF SEBASTOPOL
CITY COUNCIL
AGENDA ITEM

Meeting Date: June 6, 2023
To: Honorable Mayor and City Councilmembers
From: Dante Del Prete, Public Works Superintendent
Subject: Abridged Water Shortage Contingency Plan
Recommendation: Receive and File the Abridged Water Shortage Contingency Plan as Required by State Law and Direct Staff to Prepare and Present an Ordinance Amending Section 13.06 Water Shortage Contingency Plan of the Sebastopol Municipal Code
Funding: Currently Budgeted: Yes No N/A

Account Code/Costs authorized in City Approved Budget (if applicable) AK (verified by Administrative Services Department)
(See "Fiscal Impact" section for details.)

INTRODUCTION/PURPOSE:

The item is for the Council to receive the Abridged Water Shortage Contingency Plan ("Plan"). Under California State Law Sections 10609.60-63, this Plan is required to be prepared and submitted to the California Office of Drinking Water no later than July 1, 2023.

BACKGROUND:

In order to conserve the available water supply and protect the integrity of public water system (PWS) supply facilities, with particular regard for domestic water use, sanitation, and fire protection, to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Sebastopol prepared an Abridged Water Shortage Contingency Plan as required under California State Law Sections 10609.60-63.

The Plan was prepared by GHD Inc. in conjunction with the Public Works Department.

DISCUSSION:

The key elements of the Plan:

- Public Involvement. Under the requirements of the California State Law, the public will be provided with the opportunity to make comments on the Plan at the Council meeting. A public hearing is not required.
- Public Education. The Plan requires that the City periodically inform the public about the Plan, including stages of the Plan, and notification of drought response measures. A copy of the Plan will be posted on the City's website. The plan will be posted by June 30, 2023
- Coordination with Regional Water Planning Groups. A copy of the Plan will be provided to the Santa Rosa Plain Groundwater Sustainability Agency upon receipt by the City Council.
- Authorization. The Public Works Superintendent is the designated City staff to implement the Plan.
- Summary of Drought Response Stages and Response Actions. Response stages are based on "triggers" such as groundwater supply (wells) capacities, drought conditions, or State/Federal declarations of droughts, and disaster emergencies.

- Drought Response Stages. As required by the State, there are six stages: (1) Watch, (2) Warning, (3) Acute, (4) Critical, (5) Emergency, and (6) Catastrophic. Response actions are based on the severity of the drought response stage.
- Public Notification. The Public Works Superintendent is responsible for notifying the public and public safety staff of the stage and response actions.

The City is required to submit this Plan to the State by July 1, 2023 but it should be noted that the City will be required to submit a more robust Urban Water Management Plan once it reaches a size of 3,000 or more connections. The City currently has 2,947 connections and it is anticipated that the 3,000-connection threshold will be met in 2024 or 2025.

Staff will be presenting for Council's consideration, an ordinance amending Section 13.06, Water Shortage Contingency Plan, to be consistent with this Plan. The ordinance is anticipated to be brought forward to the City Council in September of 2023.

GOALS:

This action supports the following City Council Goals and General Plan Actions:

- Goal 2 - Maintain, Improve and Invest in the City's Infrastructure (Water, Sewer, Streets, Circulation, Parks, Storm Drains and Public Facilities).

ENVIRONMENTAL REVIEW

The Abridged Water Shortage Contingency Plan is not a "Project" under CEQA. Therefore, the action to approve the report is Exempt under CEQA.

PUBLIC COMMENT:

As of the writing of this staff report, the City has not received any further public comment for this agenda item. If staff receives public comment from interested parties following the publication and distribution of this staff report, such comments will be provided to the City Council as supplemental materials before or at the meeting. In addition, public comments may be offered during the public comment portion of the agenda item.

PUBLIC NOTICE:

This item was noticed in accordance with the Ralph M. Brown Act and was available for public viewing and review at least 72 hours prior to schedule meeting date.

FISCAL IMPACT:

The preparation of the plan by GHD Inc. was paid for from the Water Operating Fund, professional contract services at a cost of \$16,855.

RECOMMENDATION:

Staff recommends the Sebastopol City Council, by minute order, receive and file the Abridged Water Shortage Contingency Plan.

Attachments:

- 1 Sebastopol Abridged Water Shortage Contingency plan

Water Supply Contingency Plan

City of Sebastopol
7120 Bodega Avenue, Sebastopol, CA 95472

PWS No: CA4910011

Date: June 6, 2023



Project name		Development of an Abridged Water Shortage Contingency Plan					
Document title		Water Supply Contingency Plan: City of Sebastopol					
Project number		12602187					
File name		20230417 Sebastopol AWSCP.pdf					
Status Code	Revision	Author	Reviewer		Approved for issue		
			Name	Signature	Name	Signature	Date
S3	-	Adam Rausch			Ann Bechtel		04/26/2023

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Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of public water system (PWS) supply facilities, with particular regard for domestic water use, sanitation, and fire protection, to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Sebastopol hereby accepts the following regulations and restrictions on the delivery and consumption of water through this plan. It is the City's intent to introduce and adopt an ordinance implementing the regulations as set forth in this Plan.

Water uses regulated or prohibited under this Water Shortage Contingency Plan (the Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water subjecting the offender(s) to penalties as defined in Section XI of the Plan.

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the City of Sebastopol by means of public comment during the City Council meeting approving the Plan.

Section III: Public Education

The City of Sebastopol will regularly provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. Detailed information about Notification Actions is below, in Section X.

Section IV: Coordination with Regional Water Planning Groups

The service area of the City of Sebastopol is located within the Santa Rosa Plain Groundwater Sustainability Agency (GSA). The regional water planning area assessment documents were considered in the development of the Plan. A copy of the final Plan was shared with applicable regional water planning area(s) and posted on our website. Specific coordination actions corresponding to Water Shortage Stage are detailed below in Section X.

Section V: Authorization

The Public Works Superintendent, or designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The Public Works Superintendent, or designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan. The contact information for Dante Del Prete, Public Works Superintendent is: 714 Johnson Street, Sebastopol CA 95472; 707-823-5331; ddelprete@cityofsebastopol.org.

Section VI: Application

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Sebastopol. The terms “person” and “customer” as used in the Plan may include individuals, corporations, partnerships, associations, and all other legal entities.

Section VII: Definitions

For the purposes of this Plan, the following definitions shall apply:

Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Commercial and Institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as schools, hospitals, clinics, retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, or organization using water supplied by City of Sebastopol.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, rights-of-way and medians.

Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of public or private landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;

- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than firefighting or hauling water for a domestic water use.

Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Section VIII: Summary of Drought Response Stages and Response Actions

The Public Works Superintendent, or designee, shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached.

The triggering criteria described below are generally based on*:

- Water supply and delivery projections and estimates by the Public Works Superintendent.
- Groundwater well elevations and/or well production capacities relative to system demands
- Projected drought conditions on Department of Water Resources (DWR) California Water Watch Tool (<https://cww.water.ca.gov>) and/or National Integrated Drought Information System (<https://www.drought.gov>)
- County, State or Federal Drought Emergency Orders
- Emergencies such as fire, earthquake, etc. resulting in potential water outages

The response actions described in subsequent sections of this document are based on the following general precepts:

- Primary reduction of nonessential uses of water, according to the above definition, as well as additional recommendations from the Public Works Superintendent, with the authority of the City Council, to achieve system-wide reductions in water usage.
- City of Sebastopol is actively pursuing augmentation of water supply capacity through the following actions:

- Decreasing water loss through operational efficiencies, maintenance improvements and upgrades, and replacement of equipment.
 - Developing an intertie with Sonoma County Water Agency [proposed]
 - Mutual Aid Agreement with Sonoma County Water Agency and other local suppliers [in development]
 - Importation of hauled or bottled water as emergency supply [potential]
 - Developing a new shared well, or similar source, with Sonoma County Water Agency [potential]
- Conservation techniques employed include implementing progressively more strict water use policies, beginning with aesthetic and non-functional uses. In natural disaster and similar scenarios, water supplies are limited based on a per capita per day framework.
 - Notification of the public is performed in a variety of ways to ensure drought messaging is received by the residents. Whenever possible, messages will be provided in English and Spanish. Public notification procedures are detailed below in Section X.
 - The City of Sebastopol will coordinate with a variety of agencies, including the Sonoma County Water Agency, County Environmental Health, State Water Board's Division of Drinking Water, and Santa Rosa Plain Groundwater Sustainability Agency (GSA). In the event of severe water shortages, the City of Sebastopol will also coordinate with County Public Health to support County registered vulnerable persons, County Offices of Emergency Services (OES), CalWARN, community partners and critical users.

Section IX: Drought Response Triggers

The stages listed in these sections correspond to the state standard water shortage levels as established by California Water Code § 10632.3.A.

Two key types of triggers are listed in the following table, representing both observed decreases in water supply and the recommendations or mandates of appropriate water authorities. The primary source of data for triggering the following stages are as follows:

- Observed changes in groundwater supply
- DWR Water Watch Drought Map and associated DWR notifications for the City of Sebastopol's water service area.
- National Integrated Drought Information System's drought map and associated notifications for the City of Sebastopol's water service area.
- Recommendation or regulation from Sonoma County Groundwater Sustainability Agency
- Recommendation or instruction from Sonoma County Water Agency

The City of Sebastopol's water conservation stages will track, and aim to match, those of the aforementioned authorities and other regional water agencies.

Stage	Trigger: Decrease in groundwater supply compared to baseline	Trigger: Declaration from local, state, or federal authority
1 Watch	10%	DWR classifies local drought as Moderate
2 Warning	11-20%	DWR classifies local drought as Severe
3 Acute	21-30%	DWR classifies local drought as Extreme
4 Critical	31-40%	Local, State or Federal declaration of Drought Emergency
5 Emergency	41-50%	Local authorities recommend initiation of Stage 5
6 Catastrophic	> 50%	Local authorities recommend initiation of Stage 6

Each of these stages can be terminated when all of the triggering conditions have ceased to occur over 10 consecutive days, or immediately upon the recommendation of county-wide authorities. Unless otherwise specified, upon termination of Stages 2 – 6 the next lower stage becomes active.

Section X: Drought Response Stages and Associated Actions

The Public Works Superintendent, or designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section IX of this Plan, shall determine if a water shortage condition exists and the severity of any such water shortage conditions (e.g., *1-Watch, 2-Warning, 3-Acute, 4-Critical, 5-Emergency, 6-Catastrophic Water Loss*), and shall implement the following notification procedures accordingly:

Public Notification

Description of Customer Notification Methods:

The Public Works Superintendent, or designee, shall notify the public by means of some or all of the following methods, in accordance with the severity of the active Drought Response Stage. Messages and notifications will be issued in both English and Spanish.

- Direct notification.
 - Door-to-door notification, if required, would be provided by Public Works

personnel, assisted by staff from other City departments and Fire Department volunteers. A total of approximately 50 employees and volunteers could be made available if needed.

- The City water system is divided into ten hydrant zones, each of which is identified on digital system mapping. These maps can be reproduced for use by door-to-door notification teams, targeting specific areas of the City as needed. Each zone represents approximately 300 customers. Ten notification teams could be expected to provide written and verbal notification to all our customers within about three hours.
 - Fire Department sound truck
 - Email notification to customers
 - Direct mail to customers via bill insert or separate mailing
 - Phone calls to customers
 - Use of locally appropriate emergency notification systems such as CodeRED or Wireless Emergency Alert (WEA) push notifications
- Indirect notification
 - Notice on city website and social media
 - Notice in local print, radio, or television media
 - RADIO KCBS-740 AM, San Francisco, (California Emergency Alert System, CA OES, primary station serving Sonoma County Operational Area): (415) 474-5227, sanfrancisco.cbslocal.com
 - NORTHERN CALIFORNIA PUBLIC MEDIA, 104.9 FM KRCB: 707-584-2000, norcalpublicmedia.org
 - RADIO KSRO-1360 AM, Santa Rosa, Radio Station KSRO: (707) 545-1000, www.ksro.com
 - RADIO KZST-100.1 FM, Santa Rosa: (707) 528-4434, www.kzst.com
 - THE PRESS DEMOCRAT, Santa Rosa, Newsroom: (800) 675-5056
 - Joint messaging with other regional water supply agencies
 - Messages using state-level resources provided by DWR¹

Public Safety Contacts

The Public Works Superintendent, or designee, shall notify directly the following individuals and entities of restrictions or water shortages, as defined in the subsections below, as appropriate for each response stage.

1. <https://saveourwater.com/en/Partner-Toolkit>

Organization or Department	Name & Position	Telephone & Email
Sebastopol Fire Department	Jack Piccinini Interm Fire Chief	jpiccinini@cityofsebastopol.org (707) 823-8061
Sonoma County Water Agency	Steven Hancock, Emergency Management & Security Division Manager	steven.hancock@scwa.ca.gov
County Office of Emergency Services	Christopher Godley Director - Sonoma County Department of Emergency Management	christopher.godley@sonoma-county.org (707) 5651152
County Environmental Health Specialist	Mary Allen Environmental Health Specilitts I	mary.allen@sonoma-county.org (707) 565-1961
State Water Board District Engineer	Janice M. Thomas, Sonoma District Engineer	janice.thomas@sonoma-county.org (707) 526-2006
Major Water Uses/Wholesalers	N/A	
County Public Health	Sundari Mase MD Health Officer	dhsdir@sonoma-county.org (415) 206-8314
Critical Water Users (schools, hospitals, etc.)	Sonoma Speciality Hosipital	info@sonomaspecialty.org (707) 823-8511
Critical Water Users (schools, hospitals, etc.)	Sebastopol Union School District	sebastopolschools.org (707) 829-4570
GSA* Contact / Regional Water Planning Contact	Andy Rogers GSA Administrator	arodgers@westyost.com (707) 243-5555
Mutual Aid Contact / CalWarn Contact	Jim Wollbrinck CalWARN State President	jim.wollbrinck@gmail.com (408) 314-3775

*Groundwater Sustainability Agency

Note: This Notification section provides potential agencies that should be considered for coordination of water shortages. More specific contacts for each Response Stage are provided below.

Support Services Contacts:

The following is a listing of support services that may be appropriate for a water shortage emergency.

Organization or Department	Name & Position	Telephone & Email
Water Operator	Andrew Cerini	(707) 823-5331 acerini@cityofsebastopol
Back-up Water Operator	Erik Billing	(707) 823-5331 ebilling@cityofsebastopol
Electric Utility Company	Clint Hicks PG&E	(707) 791-0288 CWHP@pge.com
Electrician	Tim Carter DC Electric	(707) 992-0141 tim@dcelectricgroup.com
Water Hauler	Heavy Gear Enterprises	(707) 529-4426
Bottled Water Vendor	Local Vendors	
Storage Tank Vendor	Weeks Drilling and Pump Co.	waterinfo@weeksdrilling.com (707) 823-3184
Emergency Shower Vendors	Redwood Gospel Mission	(707) 542-4817
Well Pump Technician	Pumpman Ron Foster	ron.fosterjr@pumpmannorcal.com (707) 584-9191
Well Drilling Company	Weeks Drilling and Pump Co.	waterinfo@weeksdrilling.com (707) 823-3184
Community Service Partners	N/A	

Drought Response Actions by Active Stage

Stage 1 - WATCH

Target: Achieve a voluntary 10% percent reduction in total monthly water usage.

Preparatory Actions:

- Contact Santa Rosa Plain GSA and Sonoma County Water Agency to align potential future actions and messages to customers.

- Review water supply contract.
- Review this plan.
- Upon completion, review provisions of Mutual Aid Agreement(s).
- Upon completion, the intertie with Sonoma County Water Agency will be tested monthly to ensure that it is operational.
- City of Sebastopol will begin a drought water loss audit to evaluate potential actions for limiting water loss.²
- Verify CalWARN membership is active and in good standing.
- Decrease flushing from regular flushing routine to only-as-needed for colored water or other water quality issues.

VOLUNTARY Demand Reduction Actions:

- Apply irrigation water only during the evening and early morning hours to reduce evaporation losses.
- Inspect all irrigation systems, repair leaks, and adjust spray heads to provide optimum coverage and eliminate avoidable overspray.
- For irrigation valves controlling water applied to lawns, vary the minutes of run time consistent with fluctuations in weather.
- Reduce minutes of run time for each irrigation cycle if water begins to run off to gutters and ditches before the irrigation cycle is completed.
- Utilize water conservation rebate and giveaway programs to replace water guzzling plumbing fixtures and appliances with water efficient models.
- Utilize City information regarding using water efficiently, reading water meters, repairing ordinary leaks, and how to make your landscape a water efficient landscape.

Stage 2 - WARNING

Target: Achieve a 20% percent reduction in total monthly water usage.

Preparatory and Supply Management Actions:

Continue all of the actions listed for Stage 1 with the addition of the following:

- Using the results of the drought water loss audit perform leak detection surveys in areas with water loss above 15% and perform needed repairs.
- If less than 30-days have elapsed between 10% and 20% decrease in water capacity or well-elevation change, inform County Environmental Health and/or State Water Resources Control Board District Engineer of decreasing production and initiate feasibility evaluation for long-term mitigation strategies.

MANDATORY Demand Reduction Actions:

- Nonessential uses of water, including the following, shall be prohibited unless a

2. If the proposed intertie referenced in Section VIII has been completed, coordination with Sonoma County Water Agency for this audit may allow for shared resources and uniform public messaging.

variance is obtained:

- Irrigation of commercial, industrial, or public decorative turfgrass with potable water.
- Refilling or initial filling of a swimming pool.
- Noncommercial washing of privately owned motor vehicles, trailers and boats except from a bucket. A hose equipped with a shut-off nozzle may be used to rinse the vehicle.
- Any use of water from a fire hydrant except for fighting fires or essential construction needs.
- Pressure washing.
- Limit outdoor irrigation of privately owned turfgrass and perennial landscapes with potable water by the persons it serves to no more than two days per week.
- Restaurants may only serve water upon request and must optimize the use of commercial dish washers and wash full racks only.
- Hotel and lodging establishments must inform guests and visitors about the drought, including laundering of linens only upon request.
- Water waste including leaking faucets, toilets, and appliances, as well as broken irrigation pipes, leaking irrigation valves, and broken sprinkler heads, and runoff from properties due to overwatering or misdirected sprinklers is prohibited.

The City Council shall have the authority to prohibit other activities and water uses upon the recommendation of the Public Works Superintendent that such additional measures are necessary to achieve an overall system-wide reduction of 20 percent in water usage.

Stage 3 – ACUTE

Target: Achieve a 30% percent reduction in total weekly water usage.

Preparatory and Supply Management Actions:

Continue all of the actions listed for Stage 2 with the addition of the following:

- Using the results of the drought water loss audit perform leak detection surveys in areas with water loss above 10% and perform associated repairs.
- Reach out to Fire Department and Critical Water Users (hospital, etc.) to notify them of the situation so that they can begin planning for alternative water sources as needed.
- Coordinate with County Public Health to consider needs of vulnerable persons registered with the County in the event drought conditions worsen.
- Begin development of designs, schedules, and drought construction funding for additional water sources as a long-term mitigation strategy.³

3. Coordinate with partner agencies as necessary if this is project represents a shared asset (e.g. the well shared with Sonoma County Water Agency proposed in Section VIII). At Stage 4, this should include contracts between partner agencies for the proposed project and resource.

MANDATORY Demand Reduction Actions:

All requirements of Stage 2 shall remain in effect during Stage 3, and the following activities shall be prohibited:

- Watering any residential, commercial or industrial area turfgrass with potable water, at any time day or night.
- Planting any new perennial landscaping, except for drought resistant landscaping.
- All daytime and nighttime irrigation sprinkling unless only a handheld nozzle is used. An exception will be made to permit drip irrigation for established perennial plants and trees using manual or automatic time-controlled water application.
- Planting of new annual ornamental plants.

The City Council shall have the authority to prohibit other activities and water uses upon the recommendation of the Public Works Superintendent that such additional measures are necessary to achieve an overall system-wide reduction of 30 percent in water usage.

Stage 4 – CRITICAL

Target: Achieve a 40% percent reduction in total weekly water usage.

Preparatory and Supply Management Actions:

Continue all of the actions listed for Stage 3 with the addition of the following:

- Discuss status of Sonoma County Water Agency's capacity and City of Sebastopol's capacity, prior to moving either system to Stage 5 conservation, evaluate if water transfers could be used to prevent this step.
- Using the results of the drought water loss audit perform leak detection surveys in areas with water loss above 5% and performed needed repairs
- Pursue approvals and permitting (e.g., develop CEQA documents) for additional water sources developed at Stage 3.³

MANDATORY Demand Reduction Actions:

All requirements of Stage 2 and 3 shall remain in effect during Stage 4, with the following modifications:

- Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited. The only exception is for the County public swimming pool during the months of June, July and August.
- Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to one day per week and early morning and late night hours on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a filled bucket or watering can of five (5) gallons or less.
- The use of water for construction purposes from designated fire hydrants under

special permit is to be discontinued.

- Supplying potable water to residents with domestic wells may continue under special permits with CDPH certified potable water haulers.

Stage 5 - EMERGENCY

Target: Achieve a 50% percent reduction in total weekly water usage.

Preparatory and Supply Management Actions:

Continue all of the actions listed for Stage 4 with the addition of the following:

- Discuss status of Sonoma County Water Agency's capacity and City of Sebastopol's capacity, prior to moving either system to Stage 6 conservation, evaluate if water transfers or other emergency measures could be used to prevent this step.
- Using the results of the drought water loss audit perform leak detection surveys in areas with any water loss and perform associated repairs.
- Execute agreements with well drillers or appropriate contractors for construction of the new water source identified in Stage 3.
- Initiate development of designs, schedules, funding, and permitting documents for a second new water source, if production of the source identified in Stage 3 is expected to be inadequate to provide needed water supplies.
- Weekly coordination and status updates to all agencies.
- If complete, use intertie with Sonoma County Water Company.

MANDATORY Demand Reduction Actions:

All requirements of previous stages shall remain in effect during Stage 5, with the following modifications:

- Water use for the County public swimming pool during the months of June, July and August, and September is prohibited.
- All outdoor irrigation is prohibited.
- Swamp coolers are only permitted for use when temperatures exceed 85° F or with an approved variance.

Stage 6 - CATASTROPHIC

Target: Achieve greater than 50% reduction in total daily water use and/or maintain function of key water delivery systems in the event of a catastrophic interruption of supply.

Supply and Demand Management Actions:

Continue all of the actions listed for Stage 5 with the addition of the following:

- Engage in daily coordination with relevant local agencies and authorities.
- Participate in activities of joint emergency operations, if appropriate, including an

Emergency Operations Center (EOC).

- Implement Catastrophic Water Allocation Plan as described below.
- On a temporary basis, contract with local or regional water haulers to ensure that potable water is available to residents at the allocation thresholds described in the Catastrophic Water Allocation Plan.
- If adequate water supply will potentially become unavailable for fire response, medical services, public services, etc., then the following emergency providers will be notified as soon as possible to ensure that adequate planning, response and assistance may be provided:
 - Local Fire Agency: Shall be contacted immediately when any water outages are believed to be potentially imminent or is occurring in any part of the distribution system.
 - Critical Service Providers (e.g., hospital, school, elder care, etc.): The hospital, elder care facility and school district shall be immediately contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system that may in any way impact that user. These users, in City of Sebastopol, should have backup plans for water provision and hauling that must be implemented immediately.
 - State Water Board and/or County Environmental Health: The State Water Board's Division of Drinking Water and the County Environmental Health shall be contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system.
 - County Office of Emergency Services: The County Office of Emergency Services should be contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system as the result of a natural disaster and/or additional County or State support is needed.

Catastrophic Water Allocation Plan

In the event that water shortage conditions threaten public health, safety, and welfare, the Public Works Superintendent, or designee, is hereby authorized to allocate water according to the following water allocation plan.

Single-Family Residential Customers

All outdoor uses of potable water shall be prohibited. The indoor use allocation to residential water customers residing in a single-family dwelling shall be as follows:

- Until January 1, 2025, the allocation shall be 55 gallons per capita daily.
- Beginning January 1, 2025, and until January 1, 2030, the allocation shall be 47 gallons per capita daily.
- Beginning January 1, 2030, the allocation shall be 42 gallons per capita daily.
- "Household" means the residential premises served by the customer's meter.

- The rates of 55, 47, and 42 gallons per capita are based on California Urban Water Use Objectives.⁴

Master-Metered Multi-Family Residential Customers

The allocation to residential water customers billed from a master meter which jointly measures water to multiple permanent residential dwelling units (*e.g., apartments, mobile homes, etc.*) shall be allocated the same per capita basis as single-family residential customers. All outdoor uses of potable water shall be prohibited.

Commercial Customers

A monthly water allocation shall be established by the Public Works Superintendent, or designee, for each nonresidential, non-industrial commercial water customer who uses water for processing purposes. The allocation to nonresidential, non-industrial commercial water customers shall be 40% of typical monthly water usage. Irrigation will be prohibited.

Industrial Customers

A monthly water allocation shall be established by the Public Works Superintendent, or designee, for each industrial customer, which uses water for processing purposes. The allocation to industrial water customers shall be 40% of typical monthly water usage. Irrigation will be prohibited.

All Customers

Additional decreases to the above allocations may be required for short-term emergency response to earthquakes, fires, etc. Any short-term decrease (defined as less than 72 hours) will be determined by the Public Works Superintendent along with provision for alternative water supplies for any period of water outage greater than 10 hours. Any conservation decreases to the above rates, for greater than 72 hours, require a properly noticed Council meeting for public input and Council adoption.

Section XI: Enforcement

- (a) No person shall knowingly or intentionally allow the use of water from this water system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the Public Works Superintendent, or designee, in accordance with provisions of this Plan.
- (b) Any person, including a person classified as a water customer of the water system,

4. Based on Water Code Section 10609.4 for standard indoor residential water use. This attempts to ensure efficient indoor water recognizing the severity of the drought while maintaining standard sanitation practices.

in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation.

- (c) The violation of each provision of this plan, and each separate violation thereof, shall be deemed a separate offense, and shall be enforced in accordance with the provisions of City municipal codes Chapter 15.76 SMC, Administrative Citations (Ord. 1070 § 1, 2014). The responsible party will be issued with a written notice requiring compliance by the enforcing party, with consequent enforcement actions following as prescribed by City code.

Section XII: Variances

The Public Works Superintendent, or designee, may grant, in writing, a temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the water system within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Public Works Superintendent, or designee, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.

(h) Other pertinent information.

A decision on the variance request will be returned to the customer within no more than 10 business days.

The following exemptions are pre-approved and do not require a petition for variance:

- (a) Use of a residential swamp cooler on days where the ambient temperature is greater than 80° F for residents that can demonstrate a medical need.
- (b) Use of water for the operation of a medical support device needed by a resident.

Appendix A: Water System Information (2021 EAR)

State Waterboard 2021 EAR

You were approved for application 443085 on 05/18/2022 09:38:00

[Return to Home \(/PwsUser\)](#)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

CA4910011 SEBASTOPOL, CITY OF

To view last year's report, click here ([../TakeSurvey/PreviousSummary?surveysTakenId=443085](#)).

1 Intro	2 Contacts	3 Population	4 Connections	5 Sources	6 Supply-Delivery	7 Recycled	8a Customer Charges	8b Income	8c Affordability	9 Water Quality
10 Backflow	11 Certification	12 Improvements	13 Complaints	14 Treatment	15 Distribution & Storage	16 Emergency	17 Conservation	18 Climate Change	Finalize	

DRINKING WATER SYSTEM'S 2021 ANNUAL REPORT TO THE DIVISION OF DRINKING WATER FOR THE YEAR ENDING DECEMBER 31, 2021 *[Section 116530 Health & Safety Code]*

WATER SYSTEM INFORMATION

Water System No.:

Water System Name:

Water System Classification: [?](#)
(../Content/2021EARHelp.htm#1.1)

Related Regulating Agency: [?](#)
(../Content/2021EARHelp.htm#1.2)

--Pick one--

Local Government

State or Federal Government

Water System Ownership [?](#)

(../Content/2021EARHelp.htm#1.4)

Privately owned, PUC-regulated, for profit water company

Privately owned, non-PUC-regulated (Community Water System)

Privately owned Mutual Water Company or Association

Privately owned business (non-community)

If the address recorded is a PO Box or similar, please update to a physical address that would most accurately describe the location of the water system.

Physical location [?](#)

(../Content/2021EARHelp.htm#1.1)

Address 1

Address 2

City Zip Code

General Office Phone: (with area code)

Web site address:

Answer fields shaded yellow are **Mandatory Questions** and must be answered to complete this report. Based on previous answers, some answer fields are shaded salmon indicating **Conditionally Mandatory Questions**. Any missed responses to Mandatory and Conditionally Mandatory questions will be shown in the [Finalize Section](#).

CERTIFICATION FOR REDUCTION OF ANNUAL FEES FOR PUBLIC WATER SYSTEMS SERVING A DISADVANTAGED COMMUNITY (DAC) (../Content/2021EARHelp.htm#1.5)

Check this box if you are **requesting** a Disadvantaged Community (DAC) fee annual reduction. You must complete a DAC Certification Form (https://www.waterboards.ca.gov/resources/fees/drinking_water/docs/dac_certification_form.pdf) and upload the form below. Once you have completed the form found in the link, save it to your desktop, and use the upload feature below beginning with "Choose Files."

Before receiving a fee reduction, State Water Resources Control Board must conduct review.

No file chosen

If you have questions about completing DAC Certification Form or about the DAC fee reduction, please contact the Program Liaison Unit at DDW-PLU@waterboards.ca.gov (mailto:DDW-PLU@waterboards.ca.gov).

0%

REPORT STARTED BY (../Content/2021EARHelp.htm#1.6)

Name:

Title:

Work phone:

Cell phone:

Email address:

Please be aware that all comment boxes throughout this electronic annual report will be made publicly available WITH THE EXCEPTION of the comment box below. Only Waterboard staff and other people with your water system's login credentials will have access to this comment box. You are encouraged to provide any comments that you believe may help improve this annual report process.

PRIVATE COMMENTS: (../Content/2021EARHelp.htm#1.7)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

CA4910011 SEBASTOPOL, CITY OF

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2. Public Water System Contacts (../Content/2021EARHelp.htm#2.a)

IMPORTANT: Each water system must have one and only one Administrative Contact AND one and only one Financial Contact. The same person may be both the Administrative and Financial Contacts.

Please provide an email address for the Administrative Contact as most email communication from the Division of Drinking Water will be sent to the email address of the Administrative Contact.

The Address, Business phone number and Email entered for the **Administrative Contact will be publicly accessible at:** <https://sdwis.waterboards.ca.gov/PDWWW/> (<https://sdwis.waterboards.ca.gov/PDWWW/>)



NEW To complete this section, review all the CURRENT CONTACTS associated with the water system, if there are no changes and no new contact to add you can proceed to the next section.

CURRENT CONTACT: To edit a contact, select the "Edit Contact" checkbox, this will allow for editing all fields except the contact name. To indicate an individual should no longer be associated with the water system, select the "Remove Contact" checkbox.

NEW CONTACT: To add a new contact for the water system scroll down to the bottom of the table after the "ADD NEW CONTACT HERE" header and enter the contact information for the new contact.

CURRENT CONTACTS	CONTACT RECORD	PHONE TYPE [?] (../Content/2021EARHelp.htm#2.1)	PHONE NO. & EXTENSION		CONTACT TYPE [?] (../Content/2021EARHelp.htm#2.2) (Modify with checkbox)	
Contact 1 First Name, Middle Initial	DANTE	Business	(707) 823-5331	<input type="checkbox"/>	Remove Contact 1	Edit Contact 1
	Last Name	Home	<input type="checkbox"/>	<input type="checkbox"/>		
Last Name		DEL PRETE			Administrative	Operator
Title		Superintendent of Public Works	(707) 823-4721	<input type="checkbox"/>	Financial	Emergency
Address 1		714 JOHNSON STREET	Mobile	<input type="checkbox"/>	Designated Operator In Charge	Sampler / Water Quality
Address 2						
City		SEBASTOPOL	Emergency	(707) 753-1838	Contract Operator	Legal
State		CA				
Zip Code		95472				
Email 1		ddelprete@cityofsebastopol.ca.gov	<input type="checkbox"/>		Owner	Funding
					Carbon Copy	
Contact 2 First Name, Middle Initial	ANDREW	Business	(707) 823-5331	<input type="checkbox"/>	Remove Contact 2	Edit Contact 2
	Last Name	Home	<input type="checkbox"/>	<input type="checkbox"/>		
Last Name		CERINI			Administrative	Operator
Title		WATER TREATMENT OPER	(707) 823-4721	<input type="checkbox"/>	Financial	Emergency
Address 1		714 Johnson Street	Mobile	(707) 292-5228	Designated Operator In Charge	Sampler / Water Quality
Address 2						
City		SEBASTOPOL	Emergency	<input type="checkbox"/>	Contract Operator	Legal
State		CA				
Zip Code		94572				
Email 1		acerini@cityofsebastopol.ca.gov	<input type="checkbox"/>		Owner	Funding
					Carbon Copy	
Contact 3 First Name, Middle Initial	NATHAN	Business	(707) 823-5331	<input type="checkbox"/>	Remove Contact 3	Edit Contact 3
	Last Name	Home	<input type="checkbox"/>	<input type="checkbox"/>		
Last Name		SUTTON			Administrative	Operator
Title		ASSIS SUPERINTENDENT	(707) 823-4721	<input type="checkbox"/>	Financial	Emergency

Address 1	714 Johnson St	Mobile	<input type="checkbox"/>	<input type="checkbox"/>	Designated Operator In Charge	Sampler / Water Quality
Address 2						
City	SEBASTOPOL	Emergency	(707) 753-1839	<input type="checkbox"/>	Contract Operator	Legal
State	CA					
Zip Code	95472					
Email 1	nsutton@cityofsebastopol.org	Email 2	<input type="checkbox"/>		Owner	Funding
					Carbon Copy	
Contact 4		Business	<input type="checkbox"/>	<input type="checkbox"/>	Remove Contact 4	Edit Contact 4
First Name, Middle Initial	<input type="checkbox"/>	Home	<input type="checkbox"/>	<input type="checkbox"/>	Administrative	Operator
Last Name	<input type="checkbox"/>	Facsimile	<input type="checkbox"/>	<input type="checkbox"/>	Financial	Emergency
Title	<input type="checkbox"/>	Mobile	<input type="checkbox"/>	<input type="checkbox"/>	Designated Operator In Charge	Sampler / Water Quality
Address 1	<input type="checkbox"/>					
Address 2	<input type="checkbox"/>					
City	<input type="checkbox"/>	Emergency	<input type="checkbox"/>	<input type="checkbox"/>	Contract Operator	Legal
State	<input type="checkbox"/>					
Zip Code	<input type="checkbox"/>					
Email 1	<input type="checkbox"/>	Email 2	<input type="checkbox"/>		Owner	Funding
					Carbon Copy	
Contact 5		Business	<input type="checkbox"/>	<input type="checkbox"/>	Remove Contact 5	Edit Contact 5
First Name, Middle Initial	<input type="checkbox"/>	Home	<input type="checkbox"/>	<input type="checkbox"/>	Administrative	Operator
Last Name	<input type="checkbox"/>	Facsimile	<input type="checkbox"/>	<input type="checkbox"/>	Financial	Emergency
Title	<input type="checkbox"/>	Mobile	<input type="checkbox"/>	<input type="checkbox"/>	Designated Operator In Charge	Sampler / Water Quality
Address 1	<input type="checkbox"/>					
Address 2	<input type="checkbox"/>					
City	<input type="checkbox"/>	Emergency	<input type="checkbox"/>	<input type="checkbox"/>	Contract Operator	Legal
State	<input type="checkbox"/>					
Zip Code	<input type="checkbox"/>					
Email 1	<input type="checkbox"/>	Email 2	<input type="checkbox"/>		Owner	Funding
					Carbon Copy	
Contact 6		Business	<input type="checkbox"/>	<input type="checkbox"/>	Remove Contact 6	Edit Contact 6
First Name, Middle Initial	<input type="checkbox"/>	Home	<input type="checkbox"/>	<input type="checkbox"/>	Administrative	Operator
Last Name	<input type="checkbox"/>	Facsimile	<input type="checkbox"/>	<input type="checkbox"/>	Financial	Emergency
Title	<input type="checkbox"/>	Mobile	<input type="checkbox"/>	<input type="checkbox"/>	Designated Operator In Charge	Sampler / Water Quality
Address 1	<input type="checkbox"/>					
Address 2	<input type="checkbox"/>					

City	<input type="text"/>	Emergency	<input type="text"/>	<input type="text"/>	Contract Operator	Legal
State	<input type="text"/>		<input type="text"/>	<input type="text"/>		
Zip Code	<input type="text"/>					
Email 1	<input type="text"/>	Email 2	<input type="text"/>		Owner	Funding
					Carbon Copy	
Contact 7						
First Name, Middle Initial	<input type="text"/>	Business	<input type="text"/>	<input type="text"/>	Remove Contact 7	Edit Contact 7
Last Name	<input type="text"/>	Home	<input type="text"/>	<input type="text"/>	Administrative	Operator
Title	<input type="text"/>	Facsimile	<input type="text"/>	<input type="text"/>	Financial	Emergency
Address 1	<input type="text"/>	Mobile	<input type="text"/>	<input type="text"/>	Designated Operator In Charge	Sampler / Water Quality
Address 2	<input type="text"/>					
City	<input type="text"/>	Emergency	<input type="text"/>	<input type="text"/>	Contract Operator	Legal
State	<input type="text"/>					
Zip Code	<input type="text"/>					
Email 1	<input type="text"/>	Email 2	<input type="text"/>		Owner	Funding
					Carbon Copy	
Contact 8						
First Name, Middle Initial	<input type="text"/>	Business	<input type="text"/>	<input type="text"/>	Remove Contact 8	Edit Contact 8
Last Name	<input type="text"/>	Home	<input type="text"/>	<input type="text"/>	Administrative	Operator
Title	<input type="text"/>	Facsimile	<input type="text"/>	<input type="text"/>	Financial	Emergency
Address 1	<input type="text"/>	Mobile	<input type="text"/>	<input type="text"/>	Designated Operator In Charge	Sampler / Water Quality
Address 2	<input type="text"/>					
City	<input type="text"/>	Emergency	<input type="text"/>	<input type="text"/>	Contract Operator	Legal
State	<input type="text"/>					
Zip Code	<input type="text"/>					
Email 1	<input type="text"/>	Email 2	<input type="text"/>		Owner	Funding
					Carbon Copy	
ADD NEW CONTACTS HERE  (../Content/2021EARHelp.htm#2.2)						
NEW CONTACT	CONTACT RECORD	PHONE TYPE  (../Content/2021EARHelp.htm#2.3.a)	PHONE NO. & EXTENSION		CONTACT TYPE (Pick all that apply)	
New 1						
First Name, Middle Initial	<input type="text"/>	Business	<input type="text"/>	<input type="text"/>	Administrative	Operator
Last Name	<input type="text"/>	Home	<input type="text"/>	<input type="text"/>	Financial	Emergency
Title	<input type="text"/>	Facsimile	<input type="text"/>	<input type="text"/>	Operator In Charge	Sampler / Water Quality
Address 1	<input type="text"/>	Mobile	<input type="text"/>	<input type="text"/>		
Address 2	<input type="text"/>					
City	<input type="text"/>	Emergency	<input type="text"/>	<input type="text"/>	Contract Operator	Legal
State	<input type="text"/>					
Zip Code	<input type="text"/>					

Email 1	<input type="text" value="YY"/>	Email 2	<input type="text" value="YY"/>	Owner	Funding
				Carbon Copy	
Add Additional Contact (.../Content/2021EARHelp.htm#2.3)				(pick all that apply)	
New 2 First Name, Middle Initial	<input type="text" value="YY"/>	Business	<input type="text" value="YY"/> <input type="text" value="YY"/>	Administrative	Operator
Last Name	<input type="text" value="YY"/>				
Title	<input type="text" value="YY"/>	Home	<input type="text" value="YY"/> <input type="text" value="YY"/>	Financial	Emergency
Address 1	<input type="text" value="YY"/>	Facsimile	<input type="text" value="YY"/> <input type="text" value="YY"/>	Operator In Charge	Sampler / Water Quality
Address 2	<input type="text" value="YY"/>	Mobile	<input type="text" value="YY"/> <input type="text" value="YY"/>		
City	<input type="text" value="YY"/>	Emergency	<input type="text" value="YY"/> <input type="text" value="YY"/>	Contract Operator	Legal
State	<input type="text" value="YY"/>				
Zip Code	<input type="text" value="YY"/>				
Email 1	<input type="text" value="YY"/>	Email 2	<input type="text" value="YY"/>	Owner	Funding
				Carbon Copy	
Add Additional Contact				(pick all that apply)	
New 3 First Name, Middle Initial	<input type="text" value="YY"/>	Business	<input type="text" value="YY"/> <input type="text" value="YY"/>	Administrative	Operator
Last Name	<input type="text" value="YY"/>				
Title	<input type="text" value="YY"/>	Home	<input type="text" value="YY"/> <input type="text" value="YY"/>	Financial	Emergency
Address 1	<input type="text" value="YY"/>	Facsimile	<input type="text" value="YY"/> <input type="text" value="YY"/>	Operator In Charge	Sampler / Water Quality
Address 2	<input type="text" value="YY"/>	Mobile	<input type="text" value="YY"/> <input type="text" value="YY"/>		
City	<input type="text" value="YY"/>	Emergency	<input type="text" value="YY"/> <input type="text" value="YY"/>	Contract Operator	Legal
State	<input type="text" value="YY"/>				
Zip Code	<input type="text" value="YY"/>				
Email 1	<input type="text" value="YY"/>	Email 2	<input type="text" value="YY"/>	Owner	Funding
				Carbon Copy	
Add Additional Contact				(pick all that apply)	
New 4 First Name, Middle Initial	<input type="text" value="YY"/>	Business	<input type="text" value="YY"/> <input type="text" value="YY"/>	Administrative	Operator
Last Name	<input type="text" value="YY"/>				
Title	<input type="text" value="YY"/>	Home	<input type="text" value="YY"/> <input type="text" value="YY"/>	Financial	Emergency
Address 1	<input type="text" value="YY"/>	Facsimile	<input type="text" value="YY"/> <input type="text" value="YY"/>	Operator In Charge	Sampler / Water Quality
Address 2	<input type="text" value="YY"/>	Mobile	<input type="text" value="YY"/> <input type="text" value="YY"/>		
City	<input type="text" value="YY"/>	Emergency	<input type="text" value="YY"/> <input type="text" value="YY"/>	Contract Operator	Legal
State	<input type="text" value="YY"/>				
Zip Code	<input type="text" value="YY"/>				
Email 1	<input type="text" value="YY"/>	Email 2	<input type="text" value="YY"/>	Owner	Funding
				Carbon Copy	

COMMENTS (Note: Comments will be made publicly available): (.../Content/2021EARHelp.htm#2.4)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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To view last year's report, click here (../TakeSurvey/PreviousSummary?surveysTakenId=443085).

3. Population Served

Total Population in DDW Records:
(../Content/2021EARHelp.htm#3.1)

Population Type [?] (../Content/2021EARHelp.htm#3.2)	Population Count	Annual Operating Period [?] (../Content/2021EARHelp.htm#3.3)			End Date
		MM	DD	MM	
Residential	<input type="text" value="7522"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="12"/>	<input type="text" value="31"/>
Transient	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>
Non-Transient	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>	<input type="text" value="YY"/>

Method Used to Determine Population: [?]
(../Content/2021EARHelp.htm#3)

--Pick one--

- Most recent United States census data
- Multiplied number of service connections by 3.3
- Determined total number of dwelling units and multiplied by 2.8
- Other

If population is based on "Other" , identify the methods or sources of how it was estimated:

List the names of communities served by the system identifying both incorporated and unincorporated areas:

COMMENTS (Note: Comments will be made publicly available): [?] (../Content/2021EARHelp.htm#3.4)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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4. Number of Service Connections [?] (../Content/2021EARHelp.htm#4)

A. Active Service Connections:

Total Active Potable Water Connections currently in Division of Drinking Water database:

The total number of Service Connections as of December 31, 2021 must be reported as either Unmetered or Metered for each Service Connection Type as appropriate. [?] (../Content/2021EARHelp.htm#4.1)

Potable Water

TYPE	Unmetered	Metered	2021	2020
			Total*	Total*
Do NOT report fire sprinkler connections and fire hydrants. These connections are not counted toward "service connections" for compliance purposes.				
<u>Single-family Residential:</u>	0	2280	2280	2299
single family detached dwellings				
<u>Multi-family Residential:</u>	0	213	213	211
Apartments, condominiums, town houses, duplexes and trailer parks				
<u>Commercial/Institutional:</u>	0	332	332	333
Retail establishments, office buildings, laundries, schools, prisons, hospitals, dormitories, nursing homes, hotels, churches, campgrounds				
<u>Industrial:</u>	0	0	0	0
All manufacturing				
<u>Landscape Irrigation:</u>	0	119	119	110
Parks, play fields, cemeteries, median strips, golf courses				
<u>Agricultural Irrigation:</u>	0	0	0	0
Irrigation of commercially-grown crops				
Total Active Connections*	0	2944	2944	2953
* Calculated field				

B. Number of Inactive Connections (all types)

Include only service connections that have been physically disconnected (e.g, meter removed) from the water system. All other service connections should be considered as "Active."

Urban Water Supplier (UWS) questions [?](#) ([../Content/2021EARHelp.htm#4.2](#))

These questions are specific to Urban Water Suppliers. In order to streamline reporting, we are only asking these questions to the largest system in the Urban Water Supplier's area. Responses should be provided for your entire agency. If you are uncertain which agency you are reporting for, please contact waterconservation@waterboards.ca.gov for further guidance.

Please provide a comma-separated list of all water systems that are included in these urban water supplier questions. PWSIDs should be in the format CA#####.

COMMENTS (Note: Comments will be made publicly available): [?](#) ([../Content/2021EARHelp.htm#4.3](#))

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

CA4910011 SEBASTOPOL, CITY OF

To view last year's report, click here ([../TakeSurvey/PreviousSummary?surveysTakenId=443085](#)).

5. Source Inventory [?](#) ([../Content/2021EARHelp.htm#5](#))

Section A

A1

Large Water System [?](#) ([../Content/2021EARHelp.htm#5.1](#)) Sources are displayed by row to describe each water source type. The first column "Total No. Active" is prefilled from SDWIS, Division of Drinking Water database of repository. The list of sources is available through the Public Drinking Water Watch (<https://sdwis.waterboards.ca.gov/PDWWW/> (<https://sdwis.waterboards.ca.gov/PDWWW/>)).

Type	Total No. Active	Total No. New/ Added in 2021	Total No. Inactivated in 2021	Total No. Destroyed in 2021
Active Groundwater Intakes (Wells) ⓘ (../Content/2021EARHelp.htm#5.2.a)	4	YY	YY	YY
Active Surface Water Intakes (Raw) ⓘ (../Content/2021EARHelp.htm#5.2.b)	0	YY	YY	YY
Active Purchased Water (GW) Connections ⓘ (../Content/2021EARHelp.htm#5.2.c)	0	YY	YY	YY
Active Purchased Water (SW) Connections ⓘ (../Content/2021EARHelp.htm#5.2.d)	0	YY	YY	YY
Standby Sources ¹ ⓘ (../Content/2021EARHelp.htm#STANDBYSOURCES)	0	YY	YY	YY
Emergency Interconnections ⓘ (../Content/2021EARHelp.htm#5.2.e)	0	YY	YY	YY
Inactive Sources ⓘ (../Content/2021EARHelp.htm#5.2.f) ²	2		YY	YY
Pending Sources ⓘ (../Content/2021EARHelp.htm#5.2.g) ³	0		YY	YY

²Inactive sources are not approved as sources of supply and must be physically disconnected or similarly isolated.

A2. Discuss Changes To Above Sources

Section B. Source Metering ⓘ (../Content/2021EARHelp.htm#5)

- 1. Are your water sources metered?
 - Pick one--
 - Yes
 - No
- 2. Do you have equipment on hand to monitor groundwater levels at all your wells?
 - Pick one--
 - Yes
 - No
 - N/A, No Wells
- 3. Do you routinely monitor the *static* water levels in your wells?
 - Pick one--
 - Yes
 - No
 - Not Applicable (no wells)
- 4. Do you routinely monitor the *pumping* water levels in your wells?
 - Pick one--
 - Yes
 - No
 - Not Applicable (no wells)

- Pick one--
- Recovering
- Declining
- Steady
- Not Applicable (no wells)
- Don't Know

5. Are these levels recovering, declining or steady?:

Section C. Standby Source Use [?](#) ([../Content/2021EARHelp.htm#5](#))

If a standby source was used in 2021 , provide the following information.

Name of the Standby Source used in 2021:	No. of days the Standby Source was in operation:	Were customers notified? (Y/N)	Was the Division of Drinking Water notified? (Y/N)	Describe the reason the Standby Source was used:
--	--	--------------------------------	--	--

COMMENTS (Note: Comments will be made publicly available): [?](#) ([../Content/2021EARHelp.htm#5.3](#))

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

CA4910011 SEBASTOPOL, CITY OF

To view last year's report, click here ([../TakeSurvey/PreviousSummary?surveysTakenId=443085](#)).

6. Water Supply and Delivery [?](#) ([../Content/2021EARHelp.htm#6](#))

Important Note Concerning Water Use Questions:

The California Water Code Section 10609(c)(4) states: "The state should identify opportunities for streamlined reporting, eliminate redundant data submissions, and incentivize open access to data collected by urban and agricultural water suppliers."

It has come to the Division of Drinking Water's attention that, between this electronic Annual Report and other reports, some public water systems experience (at least some) redundant reporting of water use information and opportunities to streamline reporting may exist.

Are any questions in this section reported elsewhere?

- Pick one--
- Yes
- No

Name the report(s) containing the information requested in this Electronic Annual Report for the 2021 calendar year (reporting year):

Regulatory entity receiving the report(s), contact name, and phone number:

A. WATER PRODUCED, PURCHASED, AND SOLD

- Pick one--
- Gallons
- Million Gallons
- Acre-feet (AF)
- 100 cubic feet

Units of Measure for tables in Section 6A: [?](#) ([../Content/2021EARHelp.htm#6.1](#))

--Pick one--

Volumes are based on: METERED VOLUMES
 ESTIMATED VOLUMES

6.A1 - Water Produced, Purchased, and Sold (../Content/2021EARHelp.htm#)

If **only total annual production is available**, report your monthly estimated volumes by dividing the total by 12 for monthly reporting. If you have **no annual production**, please use the checkboxes to prefill zero values and advance to subsection 6.A2 for water purchasing details.

A	B				C		D	E		F	G		H	I
Month	Potable Water				Water Produced from Surface Water		Finished Water Purchased or Received from another PWS	Total Amount of Potable Water*		Water Sold to Another PWS	Non-potable Water		Water Sold to Another PWS	Recycled
	Water Produced from Groundwater (Wells)										Total Amount of Non-potable Water			
Check here if no production for every month														
January	21.4		0		0		21.4		0		0		0	0
February	17.5		0		0		17.5		0		0		0	0
March	24.2		0		0		24.2		0		0		0	0
April	27.8		0		0		27.8		0		0		0	0
May	30.5		0		0		30.5		0		0		0	0
June	39.8		0		0		39.8		0		0		0	0
July	30.6		0		0		30.6		0		0		0	0
August	29.8		0		0		29.8		0		0		0	0
September	34.1		0		0		34.1		0		0		0	0
October	21.6		0		0		21.6		0		0		0	0
November	20.1		0		0		20.1		0		0		0	0
December	11.4		0		0		11.4		0		0		0	0
Annual Total*	308.8		0		0		308.8		0		0		0	0
Percent Treated	YY													

PWS = Public Water System

*Calculated field

The **Maximum Day** is the day during 2021 with the highest total water usage. Provide the date for Maximum volume supplied to the Distribution System, and report individual volumes recorded that day for each supply type. (../Content/2021EARHelp.htm#6.1)

Maximum Daily Demand (Date)	YY
Maximum Day - Groundwater (Volume)	YY
Maximum Day - Surface Water (Volume)	YY
Maximum Day - Purchased or Received (Volume)	YY
Maximum Day - Total Potable Water (Calculated)	0
Maximum Day - Sold (Volume)	YY

6.A2 - Water Purchased or Sold or Transferred (../Content/2021EARHelp.htm#6.2)

If water was *Purchased/received* from or *Sold/delivered* to another PWS, add the water system details to the table below. The prefilled rows are populated from Division of Drinking Water's SDWIS Database. Where changes are made in existing rows, please provide a comment describing the change.

WSID	WS Name	WSFID - Name	Buyer and/or Seller
------	---------	--------------	---------------------

6.A3 - Recycled Water Supplied (../Content/2021EARHelp.htm#6.3)

If recycled water was *supplied to your customers*, complete the table below:

Specify the level of treatment
(e.g., tertiary, disinfected secondary)

Name of Recycled Water supplier

SUBSECTION A COMMENTS (Note: Comments will be made publicly available):

B. WATER DELIVERIES  (./Content/2021EARHelp.htm#6.4)

No record keeping of metered delivery volumes

--Pick one--

Gallons

Units of Measure (UOM) for this table:

Million Gallons

Acre-feet (AF)

100 cubic feet

6.B1 - Water Delivery Volumes to Service Connections and/or Interties

Provide all monthly metered water deliveries for all water sources (potable and non-potable) in the table below. If you have partially metered or unmetered water deliveries, check the help tips for additional guidance as you may be able to provide information.

A	B	C	D	E	F	G	H	I	J
	Single-family Residential	Multi-family Residential	Commercial/ Institutional	Industrial	Landscape Irrigation	Other	Total Retail*	Agricultural	Other PWS
Check if no water is delivered or not applicable									
January	9.5	2.9	4.2	0	0.5	0.3	17.400000000000002	0	0
February	10.1	3.9	4.3	0	1.4	0.2	19.9	0	0
March	7.9	2.1	3.9	0	0.2	0.3	14.4	0	0
April	9.8	3.2	4.5	0	1.4	0.5	19.4	0	0
May	13.0	2.8	5.3	0	1.2	0.6	22.900000000000002	0	0
June	17.1	4.3	6.6	0	4.5	1.0	33.5	0	0
July	17.2	3.3	5.8	0	2.5	1.2	30	0	0
August	16.9	4.0	7.2	0	5.5	0.8	34.399999999999999	0	0
September	15.8	3.1	5.5	0	2.1	0.6	27.100000000000005	0	0
October	13.8	3.6	6.9	0	4.2	0.4	28.900000000000002	0	0
November	9.6	2.2	4.5	0	1.0	0.2	17.5	0	0
December	8.1	3.8	4.9	0	0.8	0.2	17.799999999999997	0	0
Annual*	148.79999999999998	39.2	63.599999999999994	0	25.3	6.3	283.2	0	0

Annual % recycled water	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="YY"/>
-------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	---------------------------------

PWS = Public Water System

*Calculated field

If no record keeping of metered delivery volumes, please explain:

COMMENTS (Note: Comments will be made publicly available): [?](#) (./Content/2021EARHelp.htm#6.6)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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7. Recycled Water Use [?](#) (./Content/2021EARHelp.htm#7)

Does your water system have recycled water in its service area (provided by your water system or another utility)?

--Pick one--

Yes

No

Don't Know

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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8. Customer Charges [?](#) (./Content/2021EARHelp.htm#8a)

About water rates and financial data; Senate Bill 200 (2019) updated Section 116530 (a) of California's Health and Safety Code allowing for the State Water Board to request information regarding financial capacity. Technical, managerial and financial capacity of a water system are critical components of its sustainability and resiliency. California Health and Safety Code Section 116530 now states:

(a) A public water system shall submit a technical report to the state board as part of the permit application or when otherwise required by the state board. This report may include, but not be limited to, detailed plans and specifications, water quality information, physical descriptions of the existing or proposed system, information related to technical, managerial, and financial capacity and sustainability, and information related to achieving the goals of Section 106.3 of the Water Code, including affordability and accessibility.

A. Water Rates and Charges [?](#) (./Content/2021EARHelp.htm#A)

A.1 Does your water system charge customers for water (residential, commercial, industrial, or institutional water customers)? [?](#) (./Content/2021EARHelp.htm#A.1)

--Pick one--

Yes

No

--Pick one--

A.2 Select applicable customer types: ?
(../Content/2021EARHelp.htm#A.2)

Residential

Non-Residential (typically includes commercial, industrial, institutional customers etc.)

Both

--Pick one--

A.2.1 Is your billing frequency for your Residential and Non-Residential customers the same? ? (../Content/2021EARHelp.htm#A.2.1)

Yes

No

--Pick one--

A.2.2 Is your most common Residential water rates structure the same as your most common Non-Residential rate structure? ?
(../Content/2021EARHelp.htm#A.2.2)(This does not include the number of tiers associated with the rate structures)

Yes

No

A.2.2a. Please select the most common rate structure used for both Residential and Non-Residential customers: ? (../Content/2021EARHelp.htm#A.2.2a)

Single or Flat Rate – Average, static rate charged per billing cycle independent of water usage.

Base Rate – Base rates are the charges applied for receiving drinking water service regardless of the amount of water consumed. Base rates are usually fixed amounts and may include charges like sourcewater protection fees, service fees, etc.

Usage Rate – Rates that are charged based on the amount of volume or water consumed.

Fixed or Uniform - Rates that remain unchanged per billing cycle throughout the year.

Variable - Rates that are changed depending on water usage.

Single or Flat Rate (Often Unmetered)

Base Rate (Fixed) + Usage Rate (Uniform)

Base Rate (Fixed) + Usage Rate (Variable)

Base Rate (Variable) + Usage Rate (Uniform)

Base Rate (Variable) + Usage Rate (Variable)

Allocation Based (California Water Code Sections 370-374; Specifically, California Water Code Section 372)

Other (text box)

A.2.2b Comments on rate structure, explain allocation rate if applicable: ?
(../Content/2021EARHelp.htm#A.2.2b)

YY

A1. Residential Water Rates and Charges ? (../Content/2021EARHelp.htm#A1)

--Pick one--

monthly

bi-monthly

quarterly

annually

A1.3. Please select your billing frequency for Residential customers: ?
(../Content/2021EARHelp.htm#A1.3)

Other: In text below, provide the average number of days between billing

--Pick one--

Gallons (Gal)

Hundred Cubic Feet

Thousand Gallons

Million Gallons

Acre Feet

A1.4. Please select the metric or unit of measure (UOM) used in Residential Water Rates: ? (../Content/2021EARHelp.htm#A1.4)

A1.5. Please select any variances or factors used to determine or adjust residential water rates or allocations: ? (../Content/2021EARHelp.htm#A1.5)

Agricultural use (non-commercial or commercial)

Drought factor

Elevation

Evaporative Coolers

Fire protection - water to irrigate vegetation

Home-based business

Livestock or large animals

Lot size

Medical needs

Meter size

Mitigation of high levels of total dissolved solids

Occupancy (All-year)

Occupancy (Seasonal)

Pressure zone

Soil compaction and dust control

Supplement ponds and lakes to sustain wildlife

Other :

None of the above

A1.6. Does your water system have multi-family AND single family billing classes? (../Content/2021EARHelp.htm#A1.6) --Pick one--
Single-Family- Single family detached dwellings (houses). Yes

Multi-Family- Apartments, condominiums, town houses, duplexes and mobile homes. No

A1.8. Residential Rates & Charges Table (../Content/2021EARHelp.htm#A1.8)

Please complete the table below – taking into consideration the following:

- You have selected Billing Frequency, please submit your rate data based on this frequency.
- If your flat rate varies over the year, please use the average flat rate amount.
- Please report the most common rate for the majority of your residential customers.

Two or more tiers must be defined for the Base Rate Structure.
Two or more tiers must be defined for the Usage Rate Structure.
All selected tiers must be defined for the Base Rate Structure.
All selected tiers must be defined for the Cost per Unit of Measure (UOM).
All tiers must be defined for either the Base Rate Structure, Usage Rate Structure, or both.
Metrics for Base Rate Structure must be in ascending order.
One or more values for Base Rate are missing.
Metrics for Usage Rate Structure must be in ascending order.
One or more values for Cost per Unit of Measure are missing.

Customer Class & Billing Tiers	Base Rate	Cost per Unit of Measure (UOM)
Single-family - Tier 1	<input type="text" value="47.69"/>	<input type="text" value="3.27"/>
Multi-family - Tier 1	<input type="text" value="47.69"/>	<input type="text" value="3.27"/>

- No Change
 Yes, inflation adjustment
 Yes, increment of multi-year approved increase
 Yes, imposition of new or increased fees
 Yes, other:

A1.9a Other Notes (../Content/2021EARHelp.htm#A1.9A)

A1.10. Date of most recent update to the rate structure (this does not include regularly scheduled rate changes, rather actual changes to your rate structure):

(../Content/2021EARHelp.htm#A1.10)MM/DD/YYYY

A1.11. If you recently updated your rate structure, please briefly describe the changes that were made: ?

Base Charge + Volume Rate

(../Content/2021EARHelp.htm#A1.11)

A1.12. Provide a direct link to a web page that explains water rates and fees, if available. ?

https://ci.sebastopol.ca.us/SebastopolSite/media/Documents/water_swew_utility/Resolution-Number-6279-2020-Water-and-Sewer-Rate-Study-2019-2023_1.pdf?ext=.pdf

(../Content/2021EARHelp.htm#A1.12)

Not Available Online

A1.13. Upload rate structure documentation. ? (../Content/2021EARHelp.htm#A1.13)

A1.13. Upload rate structure documentation

Choose Files No file chosen

Upload

(Uploaded files:)

Delete Resolution-Number-6279-2020-Water-and-Sewer-Rate-Study-2019-2023_1.pdf (/TakeSurvey/Download? fileName=1055_CA4910011_443085_36461_2021EAR_WRRResidentialRateUpload_1.pdf)

0%

A1.14 Comments on the allocation of Single-Family and Multi-Family rate. ?

YY

(../Content/2021EARHelp.htm#A1.14)

A1.15 Does your residential customer bills include any non-drinking water charges (i.e. wastewater, stormwater, electricity, telecommunications, property tax etc.)? ? (../Content/2021EARHelp.htm#A1.15)

--Pick one--
Yes
No

A1.15.1 What are those charges? ? (../Content/2021EARHelp.htm#A1.15.1)

- Wastewater service charge
- Stormwater service charge
- Electricity / Gas
- Internet / Telecommunications
- Garbage / Recycling collection
- Property tax
- Other:

A1.15.1a. Other Notes YY

A1.15.2 What are the average monthly charges per customer (calculated on an annual basis) for the following: ? (../Content/2021EARHelp.htm#A1.15.2)

A1.15.2a Wastewater service charge 73.31

A2. RESIDENTIAL SERVICE CONNECTIONS ? (../Content/2021EARHelp.htm#A2)

A2.1 What is the average charge* for a brand-new Single-Family connection (based on the most common meter size)? ? (../Content/2021EARHelp.htm#A2.1) YY

* Also known as: Connection Fees; Advances in Construction, or Contributions in Aid for Construction.

No service charge for brand new connections

A2.2 When was the connection charge* for a brand-new Single-Family connection last updated (based on the most common meter size reported above)? ? (../Content/2021EARHelp.htm#A2.2) YY

* Also known as: Connection Fees; Advances in Construction, or Contributions in Aid for Construction.

A2.3 What is the one-time fee or deposit needed to create a new water service account for an existing Single-Family home (based on the most common meter size reported above)? ? (../Content/2021EARHelp.htm#A2.3) YY

A2.4 What is the average charge* for a brand-new Multi-Family connection (based on the most common meter size)? ? (../Content/2021EARHelp.htm#A2.4) YY

* Also known as: Connection Fees; Advances in Construction, or Contributions in Aid for Construction.

A2.5. Check all costs covered by a new Single-Family and Multi-Family connection fee: (./Content/2021EARHelp.htm#A2.5)

- Existing infrastructure buy-in (e.g., water treatment/ conveyance/sewage treatment)
- Upgrades to infrastructure (seismic retrofits, pipe replacements, etc.)
- Storm water management system
- Debt service charge
- Development of new water supplies
- Other :

A2.6. Comments on Single-Family and Multi-Family connections (publicly available): (./Content/2021EARHelp.htm#A2.6)

A3. Non-Residential Water Rates & Charges (./Content/2021EARHelp.htm#A3)

--Pick one--

- Gallons (Gal)
- Hundred Cubic Feet (HCF)
- Thousand Gallons
- Million Gallons
- Acre Feet

A3.1. Please select the metric or unit of measure (UOM) used for Non-Residential Water Rates: (./Content/2021EARHelp.htm#A3.1)

A3.5. Select all applicable Non-Residential connection types: * (./Content/2021EARHelp.htm#A3.5)

- Commercial (Retail, Offices, Gas Stations, etc.)
- Institutional (Schools, Hospitals, Hotels, etc.)
- Industrial (Manufacturing, Chemical, etc.)
- Landscape Irrigation (Parks, Golf Courses, etc.)
- Agricultural Irrigation (Crops, Aquaculture, etc.)
- Other

A3.5a. Other Notes

A3.7. Non-Residential Rates & Charges Table (./Content/2021EARHelp.htm#A3.7)

Please complete the table below – taking into consideration the following:

- You have selected Billing Frequency, please submit your rate data based on this frequency.
- If your flat rate varies over the year, please use the average flat rate amount.
- Please report the most common rate for the majority of your residential customers.

Customer Class & Billing Tiers	Base Rate	Usage Rate	Cost per Unit
		Structure	Structure
		Top Metric/ Unit of Measure (UOM)	Top Metric/ Unit of Measure (UOM)
Commercial - Tier 1	47.67	793.93	3.27
Institutional - Tier 1	47.67	793.93	3.27
Landscape Irrigation - Tier 1	47.67	793.93	3.27

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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Please make sure to complete the Customer Charges section before completing this section.

8(B) Income [?](#) ([../Content/2021EARHelp.htm#8b](#))

B0. Financial Reporting Period

B0.1 For the Total Income section of the EAR, water systems may report their data by fiscal year or calendar year. Please indicate if the information provided in this section represents your water system's fiscal or calendar year financial data?*

Calendar Year

Fiscal Year

B1. Total Revenue Generated from Different Sources* [?](#) ([../Content/2021EARHelp.htm#B1](#))

Instructions: Purpose of this section is to calculate total annual revenue generated. No revenue should be double counted.

*Mobile homes, parks, and other types of community water systems that do not charge their customers directly for water should provide their total revenues received from rent, fees, operating contracts, and/or any other source of revenue used to support the operations and maintenance of the water system in question B1.7

B1.1 Total revenue collected from Residential (Single and multi-family) customers' rates and charges that cover water services, including usage fares, and basic rates for the reporting year.* [?](#) ([../Content/2021EARHelp.htm#B1.1](#)) 1780500

*Do not include any other charges (i.e. connection fees, service fees, etc.) associated with your water rates. Other charges for Residential customers will be recorded in B1.3.

B1.2 Total revenue collected from Non-Residential customers' rates and charges that cover water services, including usage charges, and basic rates for the reporting year.* [?](#) ([../Content/2021EARHelp.htm#B1.2](#)) 609296

*Do not include any other charges (i.e. connection fees, service fees, etc.) associated with your water rates. Other Non-Residential charges will be recorded in B1.4.

B1.3 Total revenue generated exclusivity from other fees and charges* from all Residential customer types during the reporting year (includes single-family and multi-family customers).* [?](#) ([../Content/2021EARHelp.htm#B1.3](#)) 8478

*Other fees and charges:

Include: Late fees, notice fees, penalties, shutoff fees, reconnection fees, and bounced check fees.

Do Not Include: Revenue generated by your water rates on your typical Non-Residential customer bill.

B1.4 Total revenue generated exclusivity from other fees and charges* from all Non-Residential customer types during the reporting year.* [?](#) ([../Content/2021EARHelp.htm#B1.4](#))

*Other fees and charges:

Include: Late fees, notice fees, penalties, shutoff fees, reconnection fees, bounced check fees, and any additional fees that were associated with water rates that are collected and approved in the fee schedule. 3989

Do Not Include: Revenue generated by your water rates in the above question.

Total Non-Residential Water Rate Revenue Gained from Other Fees and Charges(+):

--Pick

B1.5 Did you collect/receive revenue from interfund (from wastewater or stormwater utility) or governmental transfers (i.e. property taxes or fees, sales taxes or fees, etc. – typically from City/County General Fund)?* [?](#) ([../Content/2021EARHelp.htm#B1.5](#)) one--
Yes
No

B1.6 Total revenue lost from interfund or governmental transfers (if \$0, enter \$0)* [?](#) ([../Content/2021EARHelp.htm#B1.6](#)) 0

Total interfund or governmental Revenue Gained (-):





B1.7 Total revenue generated from non-customer sources that have not already been accounted for (i.e. cell towers, lawsuits and settlements, energy generation, land leases, rent, interest income, other service fees, etc.)* [?](#) ([../Content/2021EARHelp.htm#B1.7](#)) 141711

Total Other Revenue Gained (+):

B1.7a Other Notes YY

B1.8 Total Annual Revenue for the Reporting Year* [?](#) ([../Content/2021EARHelp.htm#B1.8](#)) 2543974.00

B1.9 Approximation of Total Residential Charges [?](#) ([../Content/2021EARHelp.htm#B1.9](#))

Consumption	Drinking Water Charge: Water Bill	Other Charges from Interfund Transfer: Taxes / Fees	Total Drinking Water Cost to Customer: dollars/month	Provide Alternative Amount	Alternative Amount	Comments
6 HCF  (../Content/2021Help.html#A3)	33.66	<input type="text" value="0.00"/>	<input type="text" value="33.66"/>			<input type="text" value="YY"/>
9 HCF  (../2021Help.html#A3)	38.56	<input type="text" value="0.00"/>	<input type="text" value="38.56"/>			<input type="text" value="YY"/>
12 HCF  (../Content/2020LWSHelp.htm#A3)	43.47	<input type="text" value="0.00"/>	<input type="text" value="43.47"/>			<input type="text" value="YY"/>
24 HCF  (../Content/2021Help.html#A3)	63.09	<input type="text" value="0.00"/>	<input type="text" value="63.09"/>			<input type="text" value="YY"/>

B1.10 Days of cash-on-hand* at the end of the reporting year:  (../Content/2021EARHelp.htm#B1.10)

*How much cash your system has saved up, including reserve funds, that isn't earmarked for anything else (unrestricted cash) and estimates the number of days your system can pay its daily operation and maintenances costs before running out of this cash.

Number of Days

B1.11 Comments on water system revenues:  (../Content/2021EARHelp.htm#B1.11)

Comment


B2.Total Expenses  (../Content/2021EARHelp.htm#B2)

Instructions: Purpose of this section is to calculate total annual expenses. No expense should be double counted.

B2.1 Total annual operations and maintenance expenses*  (../Content/2021EARHelp.htm#B2.1)

* Expenses incurred during the system's normal operation. This can include salaries, benefits for employees, utility bills, system repair and maintenance, supplies (e.g., treatment chemicals), insurance, and water purchased for resale.

Total Operations and Maintenance Expenses (-):

B2.2 Total annual expenses from investing or capital expenditures*  (../Content/2021EARHelp.htm#B2.2)


* Expenses incurred from purchase of property and equipment; construction of new assets (i.e. treatment, distribution etc.)

Total Investment Expenses (-):

B2.3 Total annual expenses from financing activities*  (../Content/2021EARHelp.htm#B2.3)


* Expenses incurred from retirement of long-term debt, purchase of securities, interest expenses etc.

Total Financing Activity Expenses (-):


B2.4 Total Other annual expenses*  (../Content/2021EARHelp.htm#B2.4)

Total Other Expenses (-):

B2.4a Other Notes

B2.5 Total annual expenses*  (../Content/2021EARHelp.htm#B2.5)

Total Annual Expenses (-):

B2.6 Comments on Total Expenses:  (../Content/2021EARHelp.htm#B2.6)

Comment

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html)
(https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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Please make sure to complete the Customer Charges section before completing this section.

8(C) Affordability (../Content/2021EARHelp.htm#8c)

C1. Shut-offs (../Content/2021EARHelp.htm#C1)

Senate Bill 998 (over 200 service connections to be applicable and mandatory)

Health & Safety Code 116918.


An urban and community water system shall report the number of annual discontinuations of residential service for inability to pay on the urban and community water system's Internet Web site, if an Internet Web site exists, and to the board. The board shall post on its Internet Web site the information reported.

Health & Safety Code Section 116904.

(a) An urban water supplier not regulated by the Public Utilities Commission shall comply with this chapter on and after February 1, 2021. (b) An urban and community water system regulated by the Public Utilities Commission shall comply with this chapter on and after February 1, 2021. The urban and community water system regulated by the Public Utilities Commission shall file advice letters with the commission to conform with this chapter. (c) An urban and community water system not described in subdivision (a) or (b) shall comply with this chapter on and after April 1, 2021.

- "Residential service" means water service to a residential connection that includes single-family residences, multifamily residences, mobilehomes, including, but not limited to, mobilehomes in mobilehome parks, or farmworker housing.
- "Urban and community water system" means a public water system that supplies water to more than 200 service connections.
- "Urban water supplier" has the same meaning as defined in Section 10617 of the Water Code.

--Pick one--

C1.7 Do you offer an extended repayment or other customer payment assistance plan?  (../Content/2021EARHelp.htm#C1.7) Yes

No


C1.7.1.How many occupied Single-Family and Multi-Family customer accounts participated in your extended payment of other customer payment assistance plan?  (../Content/2021EARHelp.htm#C1.7.1)


C1.7.1b. Single-Family Accounts

C1.7.1c. Multi-family Accounts

C1.7.1d Total:

Data not collected. System will begin collecting. Grace period 2021 and 2022 eAR.

C1.8. What is the number of residential accounts (single-family, multi-family, and mixed use that include residential) that were missing one or more required water bill payments at the end of your year?  (../Content/2021EARHelp.htm#C1.8)

C1.9. Comments on Shut-offs (publicly available):  (../Content/2021EARHelp.htm#C1.9)

C1.10 Does your water system transfer customer arrearages (unpaid water bill debt) to a third-party after a certain period of delinquency?*

--Pick one--

Yes, to the County (Teeter Plan)

Yes, to a third-party debt collector (not County)

No, customer arrearages are not transferred away from the water system

Other

C2. Residential Customer Assistance (../Content/2021EARHelp.htm#C2)

C2.1 In the reporting year, did you offer any of the following types of bill assistance to customers?  (../Content/2021EARHelp.htm#C2.1)

Low-income water rate assistance

Flexible payment terms

Alternative payment terms


Temporary assistance

Special medical need

Other types of assistance

None

--Pick one--

C2.5 Does your program provide benefits to single-family only, or single-family and multi-family?  (../Content/2021EARHelp.htm#C2.5) (select answer)

Single-family customers only

Single-family and Multi-family customers

C2.6. What was the average benefit amount in one month?  (../Content/2021EARHelp.htm#C2.6)

Metric or Unit of Measure (UOM) Average Benefit Amount

--Pick one--

C2.6a Single-Family Accounts

Dollars

100

Percentage of Bill

Volume

--Pick one--

C2.6b Multi-Family Accounts

Dollars

150

Percentage of Bill

Volume

C2.7 Does your system partner with an outside entity (e.g. United Way) to provide assistance to low-income households? (../Content/2021EARHelp.htm#C2.7)

--Pick one--
Yes
No

C2.8 Do you offer bill forgiveness under certain circumstances? (../Content/2021EARHelp.htm#C2.8)

--Pick one--
Yes
No

Comment: YY

C2.9 Comments on Affordable Drinking Water Assistance (publicly available): (../Content/2021EARHelp.htm#C2.9) YY

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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9. Water Quality (../Content/2021EARHelp.htm#9)

A. (NEW) BACTERIOLOGICAL SAMPLE SITING PLAN (BSSP) (../Content/2021EARHelp.htm#9.3)

On July 1, 2021, the California Revised Total Coliform Rule (RTCR) became effective which requires a BSSP be submitted by October 1, 2021 and complies with RTCR. Information on the RTCR can be found at: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/rtrc.html (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/rtrc.html).

A.1. Is the Bacteriological Sample Siting Plan up to date? --Pick one--
Yes
No

Select here (../PwsUser/PWSBSSPList?PwsID=CA4910011) to upload a new or revised water system BSSP

B. EMERGENCY NOTIFICATION PLAN (ENP) (../Content/2021EARHelp.htm#9.3)

B.1. Date of Emergency Notification Plan: 05/29/2018

B.2. Is the Emergency Notification Plan up to date? --Pick one--
Yes
No

If no is selected, please follow the upload process. (../Content/2021EARHelp.htm#9.2)

Select here (../PwsUser/PWSWQENPList?PwsID=CA4910011) to upload a new water system ENP or view existing. To upload a revised WQENP, please email your District or County representative with attachment for review and overwrite. (../Content/2021EARHelp.htm#9.1)

	Total Number Reported in 2020	Total Number in System in 2021	Number Installed in 2021	Number Tested in 2021	Number Failed in 2021	Number Repaired/ Replaced
Backflow Assemblies on the Service Connections or Meter (Reduced Pressure Principle and Double Check Valve assemblies) ? (../Content/2021EARHelp.htm#10.1)	424	436	12	422	41	41
Backflow Assemblies On-site but not on the Service Connections or Meter (Reduced Pressure Principle and Double Check Valve assemblies) ? (../Content/2021EARHelp.htm#10.2)	6	6	0	6	0	0
Air-gap Separation ? (../Content/2021EARHelp.htm#10.3)	1	1	0			
No. of <i>Inactive</i> Backflow Prevention Assemblies in water system in 2021: ? (../Content/2021EARHelp.htm#10.4)					0	

--Pick one-

Are cross-connection control surveys regularly conducted on the system?

Yes
No

Date of last cross-connection control survey done on the system:

YY

Cross Connection Control Program Coordinator

Name:

YY

Certification Number:

YY

Business Phone:

YY

Email Address:

YY

Certification or training received: YY

Describe any cross-connection incidents that occurred during 2021: ? (../Content/2021EARHelp.htm#10.5)

COMMENTS (Note: Comments will be made publicly available): ? (../Content/2021EARHelp.htm#10.6) 14 devices were not tested due to change in ownership property vacancies

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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11. Operator Certification ? (../Content/2021EARHelp.htm#11)

Please list the **State certified Drinking Water Operators** employed by your water system that supervise and direct the operation of your distribution system and water treatment plants where applicable.

A. DISTRIBUTION SYSTEM CERTIFIED OPERATORS

Your Distribution System Classification is: D2 ? (../Content/2021EARHelp.htm#11.1)

Do your Chief and Shift Distribution System Operators have the minimum level required?

--Pick one--

- Yes
- No
- Not Applicable (transient non-community water system)

Check this box if your public water system has designated a Chief Distribution Operator.

Name of Chief Distribution Operator (First name Last name):

Grade of Chief Distribution Operator (1, 2, 3, 4 or 5):

Distribution Operator Number (3, 4 or 5 digits):

Distribution Certification Expiration Date (MM/DD/YYYY):

Check this box if your public water system has one or more certified distribution system shift operators.

Click here (../TakeSurvey/UploadGrid?surveysTakenId=443085&surveyId=1055&questionId=35175) to download, update, and/or upload an Excel spreadsheet of your water system's certified distribution operators.

Distribution Operator Name (First name Last name)	Grade of Distribution Operator (1, 2, 3, 4, or 5)	Chief, Shift or Neither ¹ (C, S or X)	Distribution Operator Number (3, 4 or 5 digits)	Distribution Certification Expiration Date (MM/DD/YYYY)
Andrew Cerini	2	1	31590	2022-05-03T07:00:00.000Z
Anthony Drolet	3	2	35443	2023-03-01T08:00:00.000Z
Erik Billing	2	2	43720	2023-07-01T07:00:00.000Z
Fidel Quintero	1	2	51295	2025-04-01T07:00:00.000Z
Bradley Worden	1	2	52258	2022-11-01T07:00:00.000Z

¹Use "C" for Chief Operator and "S" for Shift Operator. If neither, put an "X". Do not leave blank.

B. TREATMENT PLANT CERTIFIED OPERATORS

Your Highest Treatment System Classification is: T2 ? (../Content/2021EARHelp.htm#11.2)

Do your Chief and Shift Treatment Plant Operators have the minimum level required?

- Pick one--
- Yes
- No
- No treatment facility except precautionary disinfection

Check this box if your public water system has designated a Chief Treatment Operator.

Name of Chief Treatment Operator (First name Last name):

Grade of Chief Treatment Operator (1, 2, 3, 4 or 5):

Treatment Operator Number (3, 4 or 5 digits):

Treatment Certification Expiration Date (MM/DD/YYYY):

Check this box if your public water system has one or more certified treatment plant shift operators.

Click here (../TakeSurvey/UploadGrid?surveysTakenId=443085&surveyId=1055&questionId=35177) to download, update, and/or upload an Excel spreadsheet of your water system's certified water treatment operators.

Treatment Operator Name (First name Last name)	Grade of Treatment Operator (1, 2, 3, 4, or 5)	Chief, Shift or Neither ¹ (C, S or X)	Treatment Operator Number (3, 4 or 5 digits)	Treatment Certification Expiration Date (MM/DD/YYYY)
Andrew Cerini	2	1	35591	2025-09-01T07:00:00.000Z
Erik Billing	2	2	37499	2023-07-01T07:00:00.000Z

Treatment Operator Name (First name Last name)	Grade of Treatment Operator (1, 2, 3, 4, or 5)	Chief, Shift or Neither ¹ (C, S or X)	Treatment Operator Number (3, 4 or 5 digits)	Treatment Certification Expiration Date (MM/DD/YYYY)
Anthony Drolet	1	2	43016	2025-06-01T07:00:00.000Z
Bradley Worden	1	2	44496	2024-06-01T07:00:00.000Z

¹Use "C" for Chief Operator and "S" for Shift Operator. If neither, put an "X". Do not leave blank.

COMMENTS (Note: Comments will be made publicly available): [?](#) (../Content/2021EARHelp.htm#11.4)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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12. Water System Improvements [?](#) (../Content/2021EARHelp.htm#12)

The California Waterworks Standards (Section 64556) requires an amended permit for any of the following improvements or modifications:

- Addition of a new distribution reservoir with a capacity of 100,000 gallons or more
- Modification or extension of the existing distribution system using an alternative to the requirements of the California Waterworks Standards (see Sections 64570 through 64578)
- Modification of the water supply by:
 - Adding a new source
 - Changing the status of an existing source (for example, active to standby) or
 - Changing or altering a source, such that the quality or quantity of water supply could be affected
- Any addition or change in treatment, including
 - Design capacity
 - Process
- Expansion of the existing service area by 20 percent or more of the number of service connections specified in your current permit.

If your water system made any improvements or modifications during 2021 for which a permit was not obtained or amended, please describe the improvements or modifications below.

Indicate any planned improvements or modifications for 2022.

COMMENTS (Note: Comments will be made publicly available): [?](#) (../Content/2021EARHelp.htm#12.2)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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13. Complaints Reported (Written or Verbal) [?](#) (../Content/2021EARHelp.htm#13)

Type of Complaint	No. of Complaints Reported by Customers	No. of Complaints Investigated	No. of Complaints reported to the Division of Drinking Water or Local County Staff	Brief Description of Cause and Corrective Action taken
Taste and Odor	7	7	0	Private plumbing issues, flush, checked CL2
Color	0	0	0	YY
Turbidity	0	0	0	YY
Visible Organisms	0	0	0	YY
Pressure (High or Low)	3	3	0	PRV fail, checked pressure
Water Outages	0	0	0	YY
Illnesses (Waterborne)	0	0	0	YY
Other (Specify)	0	0	0	YY
Total No. of Complaints*	10	10	0	

*Calculated field

COMMENTS (Note: Comments will be made publicly available): ? (../Content/2021EARHelp.htm#13.2) YY

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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14. Treatment Plants and Disinfection Plan ? (../Content/2021EARHelp.htm#14)

The water system treatment plants listed on PDWW are used to prefill this section. The following tables list treatment plants by water type, assigning the list to (A) Groundwater treatment and (B) Surface Water treatment. Chlorinator only treatment plants are not listed. You may report operation plan recordkeeping for Chlorinator only treatment plants below the tables.

Note: Use the "Email for help on this page" at the bottom to contact your regulating agency representative for questions or concerns.

A. GROUNDWATER TREATMENT ? (../Content/2021EARHelp.htm#14.1)

WSF ID	Groundwater Treatment Plant Name	Date of Operations Plan	Is Operations Plan Current? (Y/N)
018	TREATMENT PLANT - WELL 07 - POST PH, CL2		
725	TREATMENT PLANT - WELL 07 - 25% VESSEL		

WSF ID	Groundwater Treatment Plant Name	Date of Operations Plan	Is Operations Plan Current? (Y/N)
750	TREATMENT PLANT - WELL 07 - 50% VESSEL		
775	TREATMENT PLANT - WELL 07 - 75% VESSEL		
006	TREATMENT PLANT - WELL 07 - TREATED		
007	TREATMENT PLANT - WELL 08 - TREATED		
008	TREATMENT PLANT - WELL 04 - TREATED		
009	TREATMENT PLANT - WELL 06 - TREATED		

Describe any plant problems, process failures, major shutdowns, etc., which occurred in 2021 and substantially affected the plant performance AND/OR any significant modifications or maintenance provided to the plant(s):

Calculated count of active treatment plants:
 (This number includes chlorinator only facilities)

Calculated count of active chlorinating facilities:
 (These facilities are not prefilled in the list above)

--Pick one--

Do your chlorinating facilities have Operations Plans? Yes No

Describe any changes to treatment plant operations plans including chlorination facilities.
 Note: Please indicate which treatment plant your response applies to.

B. SURFACE WATER TREATMENT [\(../Content/2021EARHelp.htm#14.2\)](#)

WSF ID	Surface water Treatment Plant Name	Date of Operations Plan	Is Operations Plan Current? (Y/N)
--------	------------------------------------	-------------------------	-----------------------------------

Describe any plant problems, process failures, major shutdowns, etc., which occurred in 2021 and substantially affected the plant performance AND/OR any significant modifications or maintenance provided to the plant(s):

C. EMERGENCY DISINFECTION PLAN [\(../Content/2021EARHelp.htm#14.3\)](#)

Date of current Emergency Disinfection Plan (EDP)* :

Name of Document that includes the Emergency Disinfection Plan:

Date of document that includes the Emergency Disinfection Plan:

D. WATERSHED SANITARY SURVEY REPORT [\(../Content/2021EARHelp.htm#14.4\)](#)

Per Title 22, Section 64665 (a,b,c) – All suppliers shall have a sanitary survey of their watershed(s) completed at least every five years, submitted to the State Board not later than 60 days following completion of the survey and shall include physical and hydrogeological description of the watershed, a summary of source water quality monitoring data, a description of activities and sources of contamination, a description of any significant changes that occurred since the last survey which could affect the quality of the source water, a description of watershed control and management practices, an evaluation of the system’s ability to meet requirements of Surface Water Treatment chapter, and recommendations for corrective actions.

Date of last watershed sanitary survey report : [\(../Content/2021EARHelp.htm#14.4\)](#)

Date planned to complete next watershed sanitary survey report*:

COMMENTS (Note: Comments will be made publicly available): (../Content/2021EARHelp.htm#14.5)

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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15. Distribution System and Storage Tanks (../Content/2021EARHelp.htm#15)

A. SYSTEM PROBLEMS (../Content/2021EARHelp.htm#15.1)

Type of Problem	No. of Problems	No. of Problems Investigated	No. of Problems Reported to the Division of Drinking Water or Local County Staff	Brief Description of Cause and Corrective Action Taken
Service Connection Breaks/ Leaks	<input type="text" value="12"/>	<input type="text" value="12"/>	<input type="text" value="0"/>	<input type="text" value="repair pinhole leaks"/>
Main Breaks/Leaks	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="0"/>	<input type="text" value="beam break-root upheaval. hydrant knock off-repair couplings."/>
Water Outages <input type="text" value=""/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="YY"/>
Boil Water Orders	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="YY"/>
Total*	<input type="text" value="16"/>	<input type="text" value="16"/>	<input type="text" value="0"/>	

Comments on SYSTEM PROBLEMS (publicly available):

B. INFRASTRUCTURE AND PIPELINE MATERIALS (../Content/2021EARHelp.htm#15.2)

Pipe Material in Distribution System

1. Which materials does your distribution system pipe consist of? Please check all that apply:

Pipeline Material	Percentage of distribution pipe system composed of the materials selected	Average Age (in years)
<input type="checkbox"/> Plastic (Including Poly Vinyl Chloride and HDPE)	<input type="text" value="1"/>	<input type="text" value="5"/>
<input type="checkbox"/> Steel	<input type="text" value="YY"/>	<input type="text" value="YY"/>
<input type="checkbox"/> Cast Iron	<input type="text" value="YY"/>	<input type="text" value="YY"/>
<input type="checkbox"/> Galvanized Iron	<input type="text" value="YY"/>	<input type="text" value="YY"/>
<input type="checkbox"/> Ductile Iron	<input type="text" value="9"/>	<input type="text" value="25"/>
<input type="checkbox"/> Cement Concrete	<input type="text" value="YY"/>	<input type="text" value="YY"/>
<input type="checkbox"/> Asbestos Cement	<input type="text" value="90"/>	<input type="text" value="25"/>
<input type="checkbox"/> Other	<input type="text" value="YY"/>	<input type="text" value="YY"/>

Please describe other pipeline materials in your distribution system:

C1. DEAD-END FLUSHING PROGRAM (../Content/2021EARHelp.htm#15.3)

If unknown, please enter 0 and explain why in the comments box.

Total No. in System	No. with Blowoffs	No. Flushed in 2021	Frequency of Flushing
---------------------	-------------------	---------------------	-----------------------

114

87

81

Annually

Comments on DEAD-END FLUSHING PROGRAM (publicly available): YY

C2. ALL FLUSHING OPERATIONS

Units of Measure for total volume reported below:

--Pick one--

Gallons

Million Gallons

Acre-feet (AF)

100 cubic feet

No Flushing

Total Volume in units of measure selected above; include all types of flushing, not just dead-end flushing: 1.3

1.3

Comments on ALL FLUSHING OPERATIONS (publicly available): YY

D. VALVE EXERCISE PROGRAM

If unknown, please enter 0 and explain why in the comments box.

Total No. in System	Size Range of Valves	No. Exercised in 2021	Frequency of Valve Exercising
---------------------	----------------------	-----------------------	-------------------------------

1223

4"-12"

0

biennial

Comments on VALVE EXERCISE PROGRAM (publicly available): YY

E. STORAGE TANK/RESERVOIR INSPECTION/CLEANING PROGRAM

Check this box if your public water system has any storage tanks or reservoirs (Do not include pressure tanks).

If you have many storage tanks and completing the table below will take too long, click here to use a template and upload.

Tank name	Capacity	Capacity Units	Year installed	Date of last inspection	Date of last cleaning	Date re-lined or coated
First Street Reservoir	1.5	2	1992	2020-08-11T07:00:00.000Z	2017-12-21T08:00:00.000Z	2021-05-03T07:00:00.000Z
Pleasant Hill Reservoir #1	3	2	1979	2020-08-12T07:00:00.000Z	2017-12-19T08:00:00.000Z	2021-05-03T07:00:00.000Z
Pleasant Hill Reservoir #2	3	2	1986	2020-08-12T07:00:00.000Z	2017-12-20T08:00:00.000Z	2021-05-03T07:00:00.000Z

COMMENTS (Note: Comments will be made publicly available): YY

Need Help Completing the EAR. Click HERE (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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16. Emergency Preparedness and Response

A. AUXILIARY POWER SUPPLY

Does your water system have backup power for:

A.1.1. Sources:

- Pick one--
- All
- Some
- None
- Not Applicable

A.1.2. Pumping Stations:

- Pick one--
- All
- Some
- None
- Not Applicable

A.1.3. Water Treatment Plants:

- Pick one--
- All
- Some
- None
- Not Applicable

A.1.4. If your system has backup power, how many times per year is it exercised?

YY

Can your system maintain system pressure in all pressure zones either by backup power or by gravity fed storage during power outages for each of the following number of hours?

A.2.1. 24 hours

- Pick one--
- Yes
- No
- Only in some zones

A.2.2. 48 hours

- Pick one--
- Yes
- No
- Only in some zones

A.2.3. 72 hours

- Pick one--
- Yes
- No
- Only in some zones

A.2.4 Is your backup power system automatic or manual start?:

- Pick one--
- Automatic
- Manual Start
- Not Applicable

COMMENTS (Note: Comments will be made publicly available): ? (../Content/2021EARHelp.htm#16.4) YY

B. EMERGENCY RESPONSE PLANS ? (../Content/2021EARHelp.htm#16.2)

PUBLIC WATER SYSTEMS WITH AT LEAST 3,300 OR MORE PERSONS SHOULD REVIEW AND REVISE THEIR EMERGENCY RESPONSE PLAN TO ENSURE THAT THE PLANS ARE SUFFICIENT TO ADDRESS POSSIBLE DISASTER SCENARIOS.

B.1. Do you have an Emergency Response Plan (ERP) that addresses the procedures for the restoration of water service for your water system?

--Pick one--

Yes

No

B.2. Date of your current Emergency Response Plan:

YY
YY

B.3. Date ERP was last exercised with a tabletop or other activity:

--Pick one--

Yes

No

Not applicable

B.4. Are you registered in your local energy utility's Public Safety Power Shutoff notification plan?

C. WATER PARTNERSHIPS (./Content/2021EARHelp.htm#16.3)

C.1. Are you interested in obtaining information about water partnership or consolidation options (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/waterpartnership.html)? If yes, please mark those that apply:

Please have Drinking Water staff contact our organization with more information about water partnership activities such as consolidation, extension of service, or interties that connect one system to another

Please send my water system information about training opportunities

Please send my water system information about funding options for water partnerships and consolidations

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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17. Water Conservation and Drought (./Content/2021EARHelp.htm#17)

A. Drought Preparedness

A.1. Does your agency have a current Water Shortage Contingency Plan (WSCP) or Drought Preparedness Plan? (./Content/2021EARHelp.htm#17.1) Yes

No

--Pick one--

A.2. Did your water system experience water shortages in 2021? (./Content/2021EARHelp.htm#17.3) Yes

No

A.2.1. Please estimate the amount of shortfall in the units specified below.

Volume:

YY

- Pick one--
- Gallons
- Million Gallons
- Acre-feet(AF)
- 100 cubic feet

Units of Measure:

A.2.2. Following the 2020 WSCP Mandated Shortage Levels (by DWR), What shortage level(s) did your agency declare in 2021? (select all that apply)

- Shortage Level 1 (<10%)
- Shortage Level 2 (10-20%)
- Shortage Level 3 (20-30%)
- Shortage Level 4 (30-40%)
- Shortage Level 5 (40-50%)
- Shortage Level 6 (>50%)

A.3. Did drought conditions cause you to activate emergency standby wells, emergency interties, and/or other surface water sources in 2021? (../Content/2021EARHelp.htm#17A.3)

- Pick one--
- Yes
- No
- Not Applicable (no wells)

A.4. Do you project water shortages in 2022? (../Content/2021Help.htm#WaterShortages)

- Pick one--
- Yes
- No

A.5. Does your water system anticipate having to go to mandatory restrictions in 2022? (../Content/2021EARHelp.htm#17.4)

- Pick one--
- Yes
- No

A.6. Identify the method your water system uses to discourage excessive water use when in drought, in support of SB 814 (2016) (select all that apply) (../Content/2021EARHelp.htm#17A.6)* At least one box needs to be checked.

Rate structure (e.g., block tiers, water budgets, or rate surcharges above base rates for excessive water use)

Excessive water use ordinance, rule, or tariff condition

Not implementing

Not applicable: not an urban retail water supplier

A.7. Comments regarding SB 814 (Note: Comments will be made publicly available) :

A.8. Comments regarding Drought Preparedness Section

Need Help Completing the EAR. Click [HERE](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html) (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/ear_assistance.html).

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18. Climate Change Adaptation and Resiliency for Water Utilities (../Content/2021EARHelp.htm#18)

A. CLIMATE THREATS, SENSITIVITY, AND MAGNITUDE OF IMPACTS ⓘ (./Content/2021EARHelp.htm#18.2) * At least one box needs to be checked.		
Drought	Groundwater depletion (decreasing well levels, overdrafted groundwater basins, reduced groundwater recharge, etc.)	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
	Decreased surface water storage (decreasing lake, reservoir, and/or river levels)	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
	Reduction in surface water (decreases in seasonal runoff, and/or loss of snowmelt)	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
	Reliance on surface water diverted from the Delta, imported from Colorado River, or other climate-sensitive areas	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity

Water Quality Degradation	Salt-water intrusion into aquifers	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity
	Altered water quality during storm events (turbidity shifts, debris flows)	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity
	Surface water quality issues related to eutrophication, algal blooms, invasive species	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity
Flooding Sea Level Rise	High flow events and flooding	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity
	Inundation due to sea level rise, high tides, and/or coastal storm surges	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity
	Aging flood protection infrastructure (levees), or insufficient impoundment capacity	Choose an item --Pick one-- High or Already Experiencing Medium Sensitivity <input type="radio"/> None to Low Sensitivity

Extreme Heat	Peak demand volume surges (due to extreme heat, temperature trends, etc.)	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
	Increases in agricultural water demand or energy sector needs	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
<input type="radio"/> Fire <input checked="" type="radio"/> Other	Increased fire risk and altered vegetation, e.g., wildfires	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
	Disruption of power supply	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input checked="" type="radio"/> Medium Sensitivity <input type="radio"/> None to Low Sensitivity
	Other <input type="text" value="YY"/>	Choose an item --Pick one-- <input type="radio"/> High or Already Experiencing <input type="radio"/> Medium Sensitivity <input checked="" type="radio"/> None to Low Sensitivity
None	Active Water Resource Threat Monitoring	Choose an item --Pick one-- <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know
B. ADAPTATION MEASURES ⓘ (./Content/2021EARHelp.htm#18.3)		

<p>Install new and deeper drinking water wells, or modify existing wells to increase pumping capacity</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Develop local supplemental water supply, enhanced treatment, or increased storage capacity (e.g. recycled water, storm runoff for groundwater recharge, desalination, new reservoir)</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Interconnection with other utilities (transfers, mutual aid agreements with neighboring utilities)</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Relocate facilities, construct or install redundant facilities</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Modify facilities (e.g., install barrier or levee, raise a wall, seal a door, elevate construction)</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Conservation measures (demand management, enhanced communication and outreach)</p>	<p>Choose an item <input type="radio"/> --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>

<p>Fire prevention – brush management, partnerships</p>	<p>Choose an item --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Alternative or backup energy supply</p>	<p>Choose an item --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>On-site energy generation</p>	<p>Choose an item --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Enhance monitoring program, budget for additional testing and treatment, chemicals</p>	<p>Choose an item --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>
<p>Other <input type="text" value="YY"/></p>	<p>Choose an item --Pick one-- <input type="radio"/> Completed <input type="radio"/> In Progress <input type="radio"/> Plan to Implement <input type="radio"/> Will not Implement <input type="radio"/> N/A</p>

COMMENTS (Note: Comments will be made publicly available): [?](#) (./Content/2021EARHelp.htm#18.4)

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Finalize  ([../Content/2021EARHelp.htm#19.2](#))

Disclosure: Be advised that Sections 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purposes of compliance may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that the violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of the violation, or be imprisoned in county jail not to exceed one year, or both the fine and imprisonment.

Please indicate the total number of hours spent to complete this report. This information will be utilized to characterize the level of effort required to complete this report

25

By checking this box you acknowledge that any information submitted in this report is publicly accessible and may be used by the State of California to determine compliance with applicable laws and regulations. Knowingly submitting false information in this report is a misdemeanor, and by submitting this information you certify that the contents are, to the best of your knowledge, complete and correct.

REPORT SUBMITTED BY  ([../Content/2021EARHelp.htm#19.2](#))

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