State Waterboard 2019 SWS EAR

You were approved for application 431711 on 10/30/2020 12:23:43

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SMALL WATER SYSTEM
2019 ANNUAL REPORT TO THE DRINKING WATER PROGRAM
FOR YEAR ENDING DECEMBER 31, 2019
[Section 116530 Health & Safety Code]

WATER SYSTEM INFORMATION

Water System No.:	CA4900893
Water System Name:	WEST WATER COMPANY (PUC)
Water System Classification: (~/Content/2019SWSHelp.htm#WSC)	Community Water System
Water System Ownership (See descriptions below):	○ --Pick one-- ○ Local Government ○ State or Federal Government ○ 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)
Physical location: *(address line 1, address line 2, city, zip)*	373 Else Way CLOVERDALE 95425
General Office Phone: (~/Content /2019SWSHelp.htm#GeneralOfficePhone) *(with area code)*	YY
Web site address:	YY

BOXES COLORED YELLOW ARE MANDATORY QUESTIONS AND MUST BE ANSWERED TO COMPLETE THIS REPORT

Water System Ownership Descriptions:

- Local Government: e.g., city, county, or special district, local school district, junior colleges, county or community parks, etc.
- State or Federal Government: e.g., state or national park, BLM, USFS and COE campgrounds and recreation facilities, state hospitals, State universities and colleges, California Veterans Home, County or District Fairs and Expositions, Caltrans rest stop, military base, other state or federal facility
- Privately owned, non-PUC-regulated (Community Water System): e.g., mobile home park, apartment or condominium
- Privately owned business (non-community): e.g., church, private school, restaurant, amusement park, RV park/campground, motel, ranch/farm, factory, other business establishment

COMMUNITY WATER SYSTEMS WHO RECEIVE AN ANNUAL BILL FROM THE STATE

IF YOU RECEIVE AN ANNUAL BILL FROM A LOCAL COUNTY, SKIP THIS SECTION.

Your water system classification is: Community Water System

IF YOU ARE NOT A COMMUNITY WATER SYSTEM, SKIP THIS SECTION.

CERTIFICATION FOR REDUCTION OF ANNUAL FEES FOR PUBLIC WATER SYSTEMS SERVING A DISADVANTAGED COMMUNITY (DAC)

(~/Content/2019SWSHelp.htm#DAC)

If you are a community water system who has previously submitted documentation to the State Water Resource Control Board certifying that you are serving a DAC, you must check the box below to continue receiving a reduced annual fee.

☐ *I certify under penalty of perjury under the laws of the State of California as a duly authorized representative of the public water system for which this document is being submitted that the foregoing is true and correct: the public water system for which this report is being submitted served a disadvantaged community (as defined in Title 22, Division 4, Chapter 14.5, section 64300 of the California Code of Regulations) for the year in which this report is applicable, and, if requested to do so by the State Board, will provide documentation to the State Board upon request, which may include an income survey, that the public water system served a disadvantaged community during the time period for which this report applies.*

If you are a community water system who is not currently receiving a DAC fee reduction, is a serving a DAC as defined in Title 22, Division 4, Chapter 14.5, section 64300 of the California Code of Regulations and would like to request a fee reduction, y

Click HERE (https://www.waterboards.ca.gov/resources/fees/drinking_water/docs/dac_certification_form_upload_instruction.pdf) for instructions on how to upload your completed DAC certification form. To upload a DAC Certification Form, click

Browse... No files selected.

Upload

If you have questions about completing this section of the report, please contact the Program Liaison Unit at DDW-PLU@waterboards.ca.gov or call (916) 449-5158.

0%

REPORT SUBMITTED BY: (2019SWSHelp.htm#Submitter)

Note: Your name and title, email address, and work phone number are disclosable report information that may be obtained through the Public Records Act.

Name:	James Dunton
Title:	Manager
Work phone:	707-887-7735
Cell phone:	YY

Email address: rruwater@sonic.net

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 DRINC 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/2019SWSHelp.htm#Comments)** **Owner of system is Thomas W. Johnson**

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1. Public Water System Contacts (2019SWSHelp.htm#PublicWSContacts)

Click here (ContactHelp.htm) to learn how to Modify, Add and Delete Contacts in the table below.

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, particularly email blasts, from the Division of Drinking Water will be sent to the email address of the Administrative Contact.
PHONE TYPE: Home – if you use your home or personal phone number as your business number, use the HOME phone type instead and leave the BUSINESS phone type blank.
Only the BUSINESS phone type will appear in Drinking Water Watch (https://sdwis.waterboards.ca.gov/PDWW/), which can be viewed by the public, if the General Office phone number is not provided (see Water System Information section under the Intro tab).

NAME, TITLE & ADDRESS	PHONE TYPE (2019SWSHelp.htm#PhoneTypes)	PHONE NO.	EMAIL	CONTACT TYPE (pick all that apply) (2019SWSHelp.htm#ChangeContactType)	
DUNTON, JAMES	Business Home	707-887-7735 YY	rruwater@sonic.net	☐ Contact1 Delete ☐ Administrative	☐ Operator
CONTRACT MANAGER	Facsimile	707-887-9445		☐ Financial	☐ Emergency
P.O. Box 730	Mobile	707-481-6210	YY	☑ Designated Operator In Charge	☐ Water Quality
FORESTVILLE CA 95436	Emergency			☐ Owner	☐ Legal
				☐ Funding	☐ Contract Operator
JOHNSON, TOM	Business Home	707-669-0098 YY	westwaterman@yahoo.com	☐ Contact2 Delete ☐ Administrative	☐ Operator
OWNER	Facsimile	YY		☑ Financial	☐ Emergency
32084 McCray Road	Mobile	707-332-9373	YY	☐ Designated Operator In Charge	☐ Water Quality

CLOVERDALE CA 95425	Emergency	YY		☑ Owner	☐ Legal
				☐ Funding	☐ Contract Operator
JOHNSON, LORIE	Business Home	YY YY	lucybjohnson27@gmail.com	☐ Contact3 Delete ☐ Administrative	☐ Operator
OWNER	Facsimile	YY		☐ Financial	☐ Emergency
335 ELSE WAY	Mobile	707-396-3746	YY	☐ Designated Operator In Charge	☐ Water Quality
CLOVERDALE CA 95425	Emergency			☑ Owner	☐ Legal
				☐ Funding	☐ Contract Operator
MORELLI, GLENN	Business Home	707-565-7947 YY	glenn.morelli@sonoma-county.org	☐ Contact4 Delete ☑ Administrative	☐ Operator
HYDROGEOLOGIST	Facsimile	YY		☐ Financial	☐ Emergency
2300 County Center Drive, Suite B100	Mobile	415-717-4857	YY	☐ Designated Operator In Charge	☐ Water Quality
SANTA ROSA CA 95403	Emergency	YY		☐ Owner	☐ Legal
				☐ Funding	☐ Contract Operator
YY	Business Home	YY YY	YY	☐ Contact5 Delete ☐ Administrative	☐ Operator
YY	Facsimile	YY		☐ Financial	☐ Emergency
YY YY	Mobile	YY	YY	☐ Designated Operator In Charge	☐ Water Quality
YY YY YY	Emergency	YY		☐ Owner	☐ Legal
				☐ Funding	☐ Contract Operator
YY	Business Home	YY YY	YY	☐ Contact6 Delete ☐ Administrative	☐ Operator
YY	Facsimile	YY		☐ Financial	☐ Emergency
YY YY	Mobile	YY	YY	☐ Designated Operator In Charge	☐ Contact6 Water Quality
YY YY YY	Emergency	YY		☐ Owner	☐ Legal

				☐Funding	☐Contract Operator
YY	Business Home	YY YY	YY	☐Contact7 Delete ☐Administrative	☐Operator
YY	Facsimile	YY		☐Financial	☐Emergency
YY YY	Mobile	YY	YY	☐Designated Operator In Charge	☐Water Quality
YY YY YY	Emergency	YY		☐Owner	☐Legal
				☐Funding	☐Contract Operator
YY	Business Home	YY YY	YY	☐Contact8 Delete ☐Administrative	☐Operator
YY	Facsimile	YY		☐Financial	☐Emergency
YY YY	Mobile	YY	YY	☐Designated Operator In Charge	☐Water Quality
YY YY YY	Emergency	YY		☐Owner	☐Legal
				☐Funding	☐Contract Operator
NEW CONTACTS					
Add Additional Contact (2019SWSHelp.htm#ContactTypes)				(pick all that apply)	
--Contact Name--	Business	(999) 999-9999		☐Administrative	☐Operator
--Title--	Home	(999) 999-9999	XXXXX@XXXXX.XXX	☐Financial	☐Emergency
--Address Line 1-- --Address Line 2--	Facsimile Mobile	(999) 999-9999 YY	XXXXX@XXXXX.XXX	☐Operator In Charge	☐Water Quality
--City-- --ST-- 99999	Emergency	(999) 999-9999		☐Owner	☐Legal
				☐Funding	☐Contract Operator
Add Additional Contact (2019SWSHelp.htm#ContactTypes)				(pick all that apply)	
--Contact Name--	Business	(999) 999-9999		☐Administrative	☐Operator
--Title--	Home	(999) 999-9999	XXXXX@XXXXX.XXX	☐Financial	☐Emergency
--Address Line 1-- --Address Line 2--	Facsimile Mobile	(999) 999-9999 YY	XXXXX@XXXXX.XXX	☐Operator In Charge	☐Water Quality
--City-- --ST-- 99999	Emergency	(999) 999-9999		☐Owner	☐Legal

				☐Funding	☐Contract Operator
Add Additional Contact (2019SWSHelp.htm#ContactTypes)				(pick all that apply)	
--Contact Name--	Business	(999) 999-9999		☐Administrative	☐Operator
--Title--	Home	(999) 999-9999	XXXXX@XXXXX.XXX	☐Financial	☐Emergency
--Address Line 1-- --Address Line 2--	Facsimile Mobile	(999) 999-9999 YY	XXXXX@XXXXX.XXX	☐Operator In Charge	☐Water Quality
--City-- --ST-- 99999	Emergency	(999) 999-9999		☐Owner	☐Legal
				☐Funding	☐Contract Operator
Add Additional Contact (2019SWSHelp.htm#ContactTypes)				(pick all that apply)	
--Contact Name--	Business	(999) 999-9999		☐Administrative	☐Operator
--Title--	Home	(999) 999-9999	XXXXX@XXXXX.XXX	☐Financial	☐Emergency
--Address Line 1-- --Address Line 2--	Facsimile Mobile	(999) 999-9999 YY	XXXXX@XXXXX.XXX	☐Operator In Charge	☐Water Quality
--City-- --ST-- 99999	Emergency	(999) 999-9999		☐Owner	☐Legal
				☐Funding	☐Contract Operator

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

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2. POPULATION SERVED

Annual Operating Period **(~/Content /2019SWSHelp.htm#Period)**

Population Type	**Population** **(~/Content /2019SWSHelp.htm#POP)**	**Begin Date**		**End Date**	
		MM	DD	MM	DD

		Method Used to Determine Population:				
		○ --Pick one--				
		○ Most recent United States census data				
Residential[1]	40	○ Multiplied number of service connections by 3.3	01	01	12	31
		○ Determined total number of dwelling units and multiplied by 2.8				
		◉ Other				
Transient[2]	0		01	01	12	31
Nontransient[3]	0		01	01	12	31

MM = month, in 2-digit format DD = day, in 2-digit format

If residential population is based on "Other" , identify the methods or sources of how it was estimated:
"N/A" The company preparing this report, Russian River Utility, has very limited information and is using some information from the 2018 annual report, and is accurate to the best of their knowledge.
Descriptions:

[1]Residential (~/Content/2019SWSHelp.htm#Res) – report the number of persons who reside within the water system service area for more than half of the year (excludes transient and nontransient populations). If year-round, the *Begin Date* would be 01/01 and the *End Date* would be 12/31.

[2]Transient (~/Content/2019SWSHelp.htm#Trans) – report the number of persons who are at the water system on the 60th busiest day of the year (excludes residential and nontransient populations. Report the *Begin Date* and *End Date* if the Transient use is seasonal.

[3]Nontransient (~/Content/2019SWSHelp.htm#NonTrans) – report the number of the persons who are at the water system for over 6 months per year (excludes residential and transient populations). Report the *Begin Date* and *End Date* if the Nontransient use is seasonal.

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

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

3. NUMBER OF SERVICE CONNECTIONS *(as of December 31, 2019)*

A. Active Service Connections:

Total Active Potable Water Connections currently in Division of Drinking Water database: 13

The total number of Service Connections as of December 31, 2019 must be reported as either Unmetered or Metered for each Service Connection Type as appropriate.

Potable Water

TYPE

Do NOT report fire sprinkler connections and fire hydrants. These connections are not counted toward "service connections" for compliance purposes.	**Unmetered**	**Metered**	**Total***
Single-family Residential: single family detached dwellings	5	8	13
Multi-family Residential: Apartments, condominiums, town houses, duplexes and trailer parks	0	0	0
Commercial/Institutional: Retail establishments, office buildings, laundries, schools, prisons, hospitals, dormitories, nursing homes, hotels, churches	0	0	0
Industrial: All manufacturing	0	0	0
Landscape Irrigation: Parks, play fields, cemeteries, median strips, golf courses	0	0	0
Agricultural Irrigation: Irrigation of commercially-grown crops	0	0	0
Total Active Connections*	5	8	13

*Calculated field

B. Number of Inactive Connections (all types) 0

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."

C. Number of NON-residential customers required to have dedicated outdoor irrigation meters (excluding agricultural connections) (~/Content/2019SWSHelp.htm#CONNECTIONS) 0

COMMENTS: (Note: Comments will be made publicly available) (~/Content/2019SWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

4. GROUNDWATER (GW) AND SURFACE WATER (SW) SOURCES (2019SWSHelp.htm#Sources)

GROUNDWATER SOURCES (INCLUDING STANDBY SOURCES)

PSCode	Name	Activity
4900893-001	WELL 01	A

Add sources not listed above. Describe changes to sources above under "Comments".

PSCode	Name	Activity	Comments

SURFACE WATER INTAKES

PSCode	Name	Activity

Add sources not listed above. Describe changes to sources above under "Comments".

PSCode	Name	Activity	Comments

Are your water sources metered?

- --Pick one--
- Yes
- No

Do you routinely monitor the *static* water levels in your wells?

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

Do you routinely monitor the *pumping* water levels in your wells?

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

Are these levels recovering, declining or steady?:

- --Pick one--
- Recovering
- Declining
- Steady
- Not Applicable (no wells)

DISCUSS CHANGES TO ABOVE SOURCES (2019SWSHelp.htm#PSC)

If a STANDBY SOURCE was used in 2019, provide the following information.

Name of the Standby Source used in 2019:	No. of days the Standby Source was in operation:	Were customers notified? (Y/N)	Was DDW or Local County Staff notified? (Y/N)	Describe the reason the Standby Source was used:

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

5. WATER PRODUCED, PURCHASED AND SOLD

The **Maximum Day** is the day during 2019 with the highest total water usage. Provide the *date* for that day in Column B, then complete Columns C, D and E, indicating how much of the water on that day was from each source.

Units of Measure for the Maximum Day ONLY:
- ○ --Pick one--
- ◉ Gallons
- ○ Million Gallons
- ○ Acre-feet (AF)
- ○ 100 cubic feet

☑ Mark this box if your water system does not have monthly production data.

If you do not have monthly production data to report, please report your Annual Total production in the row for January and leave all the other months blank.

Units of Measure for this table except for the Maximum Day:
- ○ --Pick one--
- ○ Gallons
- ○ Million Gallons
- ○ Acre-feet (AF)
- ○ 100 cubic feet

Volumes are based on:
- ○ --Pick one--
- ◉ METERED VOLUMES
- ○ ESTIMATED VOLUMES

A	B	C	D	E	F	G	H	I
	Potable Water							
	Date/ Month	**Water Produced from Groundwater (Wells)**	**Water Produced from Surface Water[2]**	**Finished Water Purchased or Received from another PWS[5]**	**Total Amount of Potable Water[3*]**	**Water Sold to Another PWS[5]**	**Non-potable (exclude recycled)**	**Recycled**
Check here if no production for every month		☐	☐	☐		☐	☐	☐
Maximum Day[1]	YY	YY	YY	YY	0	YY		
January		0	0	0	0	0	0	0
February		0	0	0	0	0	0	0
March		0	0	0	0	0	0	0
April		0	0	0	0	0	0	0
May		0	0	0	0	0	0	0

June	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0
September	183950	0	0	183950	0	0	0
October	161130	0	0	161130	0	0	0
November	107730	0	0	107730	0	0	0
December	0	0	0	0	0	0	0
Annual Total*	452810	0	0	452810	0	0	0
Percent Treated[4]	YY						

PWS = Public Water System

*Calculated field.

Non-potable = water supplies, except recycled water, that do not enter the drinking water distribution system and are for non-potable uses only such as irrigation

Recycled = domestic wastewater which as a result of treatment is suitable for uses other than potable use such as irrigation or toilet flushing

[1]Only report Maximum Day if it is actually measured or determined from production records. It should not be the average day demand during the maximum month of production.

[2]Do not include raw water purchased; report only volume of water that was treated.

[3](F) Total Amount of Potable Water = Sum of Columns (C), (D) and (E), automatically calculated. Total water production includes water that is sold to another water system. To update, click below

[4]This is the percentage of the total annual volume for Groundwater produced that was provided treatment to meet drinking water standards other than precautionary disinfection and flouridation.

[5]If water was *Purchased* from or *Sold* to another PWS, complete the table below:

Specify whether water
was *Purchased* or *Sold*~Name of PWS

Specify whether water was *Purchased* or *Sold*	Name of PWS

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

Specify the level of treatment (e.g., tertiary, disinfected secondary)	Name of Recycled Water supplier

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments)

TALBE 5A: SEPT USE IS FROM 8/29 - 9/30; OCT USE IS FROM 10/2 - 10/31; NOV USE IS FROM 11/5 - 11/18. THIS IS THE ONLY DATA WE HAVE.

6. WATER RATES AND DELIVERIES

A. WATER RATES (2019SWSHelp.htm#6A.WaterRate)

If you have questions about completing this section of the report, please contact Kathy.Frevert@Waterboards.ca.gov (mailto:Kathy.Frevert@Waterboards.ca.gov), 916-322-5274 or Mary.Yang@Waterboards.ca.gov (mailto:Mary.Yang@Waterboards.ca.gov), 916-322-6507.

A1. Residential Water Rates

A1.a. Indicate the type of residential water rate structure (~/Content/2019SWSHelp.htm#ResidentialRates) used by your water system (select those that apply):

Base Rate – (Non-Volumetric Rates) (~/Content/2019SWSHelp.htm#BaseRateNonVolumetric)

- [ ] Fixed Base Rate - Basic or fixed charge that is the same for all customers regardless of use.
- [x] Variable Base Rate - Basic charge is different for customers depending on size of pipe, water meter, elevation, peak use, or other factors.

Usage Rate (Volumetric Rates) (~/Content/2019SWSHelp.htm#UsageRateVolumetric)

- [x] Uniform Usage Rate - The charge per 100 cubic feet of water is the same regardless of use.
- [ ] Variable Usage Rate - Increasing Block or Tier Rate. The charge per 100 cubic feet or other increment of water increases as water use increases.

Other Rates

- [x] Flat Rate (often unmetered)- One rate for providing drinking water regardless of the volume of water used, not combined with a usage rate. (~/Content/2019SWSHelp.htm#FlatRate)

If you have a Flat Rate, please skip questions A1.b, A1.d, A1.f, A1.g and A3. Enter your flat rate in A4.

- [ ] Allocation Based (~/Content/2019SWSHelp.htm#AllocationBased)
- [ ] Other rate structure (specify your rate structure in the comment box, provide a weblink 1j below)
- [ ] We do not charge a water rate (explain in next question)

A1.b. If your water system doesn't have rates, explain why:

- ( ) --Pick one--
- ( ) Supplier is educational facility with its own water source
- ( ) Supplier is an institutional facility with its own water source
- ( ) Supplier is business with its own water source
- ( ) Supplier is park or recreational facility with its own water source
- ( ) Other (explain in comment box below))

Comments on rate structure (Note: Comments will be made publicly available): YY

If you are a water supplier without water rates, check this box [ ] , then move to Section 6B Water Deliveries.

A1.c. What is your billing frequency?	( ) --Pick one-- ( ) monthly ( ) bi-monthly ( ) quarterly ( ) annually ( ) other

A1.d. If charges change with different levels of water consumption or features, what is the number of tiers or levels of charges? (~/Content/2019SWSHelp.htm#A1.d)	○ --Pick one-- ○ Not Tiered ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7
A1.e. Identify any aspects or factors used to determine or adjust residential water rates (mark those that apply). (~/Content/2019SWSHelp.htm#A1.e)	
☐ Agricultural use (non-commercial or commercial)	
☐ Elevation	
☐ Evaportive 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 : YY	
☐ None of the above	
A1.f. Units of Measure (UOM) for this table on Residential Water Rates: (~/Content/2019SWSHelp.htm#A1.f)	○ --Pick one-- ○ Gallons (Gal) ○ Hundred Cubic Feet ○ Thousand Gallons ○ Million Gallons ○ Acre Feet ○ Not Applicable

A1.g. Table on Residential Water Rates, Single-family (2019SWSHelp.htm#A1.g.SingleFamily) and Multi-family (2019SWSHelp.htm#A1.g.MultiFamily)

If your water system uses an allocation or flat base rate structure, add a direct weblink to more information on your rate structure (A1.j), provide information in the box "Comments on Residential Rate Structure"(A1.k), and leave this table blank.

Provide information on residential water rates based on consumption. *If a feature of your rate structure, (e.g., meter size, elevation, or other) affects water rates, provide the water rate associated with the most common situation. Enter zero "0" if not applicable.* **See examples (https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/help_tips/docs/2019e_ar_examples_rate_structures_q6a.pdf)**

	Single-family		Multi-family	
	Upper volume of water (2019SWSHelp.htm#A1.g.UpperVolumeWater) included in base rate in Units of Measure (UOM) If there is no base rate or volume of water associated with a base rate, enter the number zero "0".	**Cost per Billing Period (Dollars)**	**Upper volume of water (2019SWSHelp.htm#A1.g.UpperVolumeWater) included in base rate in Units of Measure (UOM)** If there is no base rate or volume of water associated with a base rate, enter the number zero "0".	**Cost per Billing Period (Dollars)**
Base Rate (non-volumetric rates) (~/Content/2019SWSHelp.htm#A1.g.BaseRate)	0	82.45	0	0
Usage Rate (volumetric rates) (2019SWSHelp.htm#A1.g.UsageRate) The rows that follow do not include a base rate or fixed charge.	**Upper level of water volume for each level in UOM**	**Cost per UOM (Dollars)**	**Upper level of water volume for each level in UOM**	**Cost per UOM (Dollars)**
Rate Structure level 1	1000	1.45	1000	1.45
Rate Structure level 2	YY	YY	YY	YY
Rate Structure level 3	YY	YY	YY	YY
Rate Structure level 4	YY	YY	YY	YY
Rate Structure level 5	YY	YY	YY	YY
Rate Structure level 6	YY	YY	YY	YY
Rate Structure level 7	YY	YY	YY	YY

A1.h. Date of most recent update to the rate structure: (~/Content/2019SWSHelp.htm#A1.h)**MM/DD/YYYY** YY

A1.i. Describe the changes to rate changes that were made in the update: YY

A1.j. Provide a direct link to a web page that explains water rates and fees, if available. (~/Content/2019SWSHelp.htm#A1.j) YY

A1.k. Comments on Residential Rate Structure. Explain allocation rate, if applicable. (~/Content/2019SWSHelp.htm#A1.k) YY

A2. RESIDENTIAL SERVICE CONNECTIONS

A2.a. Select the most common single-family residential meter size:

- --Pick one--
- 3/4 inch
- 5/8 inch
- 1 inch
- other
- not applicable

A2.b. Select the most common multi-family residential meter size:

- --Pick one--
- 1/2 inch
- 5/8 inch
- 3/4 inch
- 1 inch
- 2 inch
- other
- not applicable

A2.c. What is, approximately, the service connection fee for ***single-family brand-new construction*** based on the most common meter size listed above ($)? (~/Content/2019SWSHelp.htm#A2.c) YY

A2.d. Date of most recent update to the new connection fee for single-family brand-new construction: **MM/DD/YYYY** (~/Content/2019SWSHelp.htm#A2.d) YY

A2.e. What is the one-time connection fee to open a new account for an ***existing single-family home*** based on the most common meter size indicated above ($)? (~/Content/2019SWSHelp.htm#A2.e) YY

A2.f. What is, approximately, the connection fee for ***multi-family new construction*** based on the most common meter size indicated above ($)? (~/Content/2019SWSHelp.htm#A2.f) YY

A2.g. Check items included in new residential connection fees:

☐	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 : YY

A2.h. Comments on Residential Service Connections (publicly available): YY

A3. NON-RESIDENTIAL WATER RATES (~/Content/2019SWSHelp.htm#A3)

A3.a. Select the most common non-residential meter size:

- --Pick one--
- 3/4 inch
- 5/8 inch
- 1 inch
- 1.5 inch
- 2 inch
- other
- not applicable

A3.b. Complete the table below providing specific water rates applied to your **non-residential** customers:

Connection Type	BASE RATE (BR)	If BR + UUR, what is the volume allowed before UUR applies	UNIFORM USAGE RATE (UUR)	VARIABLE BASE RATE (provide range) (VBR)		VARIABLE USAGE RATE (provide range) (VUR)	
	$ (Base) (2019SWSHelp.htm#A3.b)	HCF (2019SWSHelp.htm#HCF)	$ per HCF	$ Low	$ High	$ per HCF Low	$ per HCF High
Commercial	YY	YY	YY	YY	YY	YY	YY
Institutional	YY	YY	YY	YY	YY	YY	YY
Industrial	YY	YY	YY	YY	YY	YY	YY
Landscape Irrigation	YY	YY	YY	YY	YY	YY	YY
Agricultural Irrigation	YY	YY	YY	YY	YY	YY	YY
Other	YY	YY	YY	YY	YY	YY	YY

Comments on non-residential water rates (publicly available): YY

A4. AFFORDABLE DRINKING WATER

If your water system uses a flat rate, i.e., one rate for providing drinking water regardless of the volume used, enter the FLAT RATE MONTHLY COST in "Section A4.a 6 HCF Drinking Water Charges" below

For each amount of water delivered to a single-family residential customer shown below, what is charged (in dollars) to a customer?

For each of the three water volumes shown below, provide what would be the monthly water bill for a single-family residential customer. Enter the monthly Water Charges and Other Charges for each water volume. For example, if a single-family customer used 12 HCF in a month, the total bill would include water charges for using 12 HCF and other charges that are added to the bill. Other charges vary locally and may include property tax, city tax, utility users tax, services for fire suppression, waste water or sewer, stormwater or other non-water surcharges. If the "other charges" varies by certain features (e.g., by climate, lot size, landscaped area) use the lowest charge in your calculation. Click the "Update Totals" button to automatically add the charges together to show a Total Monthly Water Bill that a residential customer would pay when its household used the specified amount of water.

A4.a. 6 HCF (~/Content/2019SWSHelp.htm#A4)

Drinking Water Charges (Fixed and variable water charges) 97.8 Dollars/month
Other Charges (e.g., property tax, fire suppression, waste water, other) 0 Dollars/month
Total Monthly Water Bill (Automatic sum of Water Charges and Other Charges)* 97.8 Dollars/month

A4.b. 12 HCF (~/Content/2019SWSHelp.htm#A4)

Drinking Water Charges (Fixed and variable water charges) 0 Dollars/month
Other Charges (e.g., property tax, fire suppression, waste water, other) 0 Dollars/month
Total Monthly Water Bill (Automatic sum of Water Charges and Other Charges)* 0 Dollars/month

A4.c. 24 HCF (~/Content/2019SWSHelp.htm#A4)

Drinking Water Charges (Fixed and variable water charges) 0 Dollars/month
Other Charges (e.g., property tax, fire suppression, waste water, other) 0 Dollars/month
Total Monthly Water Bill (Automatic sum of Water Charges and Other Charges)* 0 Dollars/month

Comments on Affordable Drinking Water(publicly available): YY

A5. SHUT-OFFS (2019SWSHelp.htm#A5)

Completing this section will fulfill the 2019 requirements of Senate Bill 998 – Discontinuation of residential water service.

Click the “Update Totals” button to automatically add the Single Family and Multifamily Accounts

Community Water Systems that have water rates and more than 200 connections must complete this section. If your community water system does not meet these criteria for completing this Section, then you must mark the boxes “did not collect information” below in order to avoid completion errors.

If a water supplier tracks the number of services connections but did not collect information on whether residences were occupied or unoccupied at the time of disconnection, put the total number of disconnections in the “unknown accounts” column in the tables in this section.
If a water supplier does not differentiate between single-family or multi-family, then enter all information as single-family.

A5.a. How many accounts for residential service connections had their water shut off once during the year of 2019 due to failure to pay?

If there was no information collected for question A5.a, mark the check box “Did not collect information" and skip below table.

	Occupied Accounts	Unoccupied Accounts	Unknown Accounts (2019SWSHelp.htm#UnknownOccupancy)	Total*
Single-Family Accounts	0	0	0	0
Multi-family Accounts	0	0	0	0

A5.b. How many accounts for residential service connections had their water shut off more than once during 2019 due to failure to pay?

If there was no information collected for question A5.b, mark the check box “Did not collect information" and skip below table.

	Occupied Accounts	Unoccupied Accounts	Unknown Accounts (2019SWSHelp.htm#UnknownOccupancy)	Total*
Single-Family Accounts	0	0	0	0
Multi-Family Accounts	0	0	0	0

A5.c. What is the residential reconnection fee to restore drinking water service due to failure to pay during operating hours? (~/Content /2019SWSHelp.htm#A5.cd)

Single-Family Accounts 0
Multi-family Accounts 0

A5.d. What is the residential reconnection fee to restore drinking water service due to failure to pay during non-operating hours? (~/Content /2019SWSHelp.htm#A5.cd)

Single-Family Accounts 0
Multi-Family Accounts 0

A5.e. What was the median duration of the shut-offs (in days) for continuously occupied residential service accounts? (2019SWSHelp.htm#A5.e)

If there was no information collected for question A5.e, mark the check box “Did not collect median duration of shut-offs (in days) for occupied residents" WR SHUT_OFFS Median #Days No Collect and skip below table.

	Occupied Accounts	Unoccupied Accounts	Unknown Accounts (2019SWSHelp.htm#UnknownOccupancy)	Total*
Single-Family Accounts	0	0	0	YY
Multi-Family Accounts	0	0	0	YY

A5.f. If you offer an extended repayment or other customer payment assistance plan, how many continuously occupied residential customer accounts participated?

Single-Family Accounts 0
Multi-family Accounts 0
Total* 0

A5.g. How many of the continuously occupied residential accounts were shut off at least once during calendar year 2019 and were enrolled in an extended repayment plan or other customer payment assistance plan at the time of the service disconnection?

Single-Family Accounts 0
Multi-family Accounts 0
Total* 0

A5.h. Do you have a written policy on discontinuation of residential service? (~/Content/2019SWSHelp.htm#A5.h)

- --Pick one--
- Yes
- No

A5.i. Comments on Shut-offs (publicly available): NOT APPLICABLE

A6. Affordable Drinking Water Assistance

A6.a. Do you provide options for low-income assistance?

- --Pick one--
- Yes
- No

A6.b. If yes, how was the program funded? YY

A6.c. How much funding was allocated to the program in 2019? YY

A6.d. What form of benefit was given per account (dollar amount, percentage, or volume) and how much? (~/Content/2019SWSHelp.htm#A6.d) YY

A6.e. How many residential accounts received the low-income subsidy? YY

A6.f. What are the eligibility criteria to qualify for assistance?

- ☐ Disabled
- ☐ Low Income Families
- ☐ Seniors
- ☐ Special Medical Need
- ☐ Other Please describe:

YY

A6.g. At this time, does your agency have a policy to allow for alternative payment? (~/Content/2019SWSHelp.htm#A6.g)

- --Pick one--
- Yes
- No

Comments on Affordable Drinking Water Assistance (publicly available): YY

B. WATER DELIVERIES

Check this box ☑ if your water system does not have monthly water deliveries data and skip the rest of Section B.

Units of Measure (UOM) for this table:

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

Provide monthly **metered** water deliveries for all water sources (potable and non-potable) in the table below.

A	B	C	D	E	F	G	H	I	J

		☐	☐	☐	☐	☐		☐	☐
January	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0
Total*	0	0	0	0	0	0	0	0	0

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

7. WATER QUALITY

Date of Emergency Notification Plan: 01/01/9999

Is the Emergency Notification Plan up to date?

- ○ --Pick one--
- ○ Yes
- ○ No

If no is selected, please upload a revised WQENP.

DIRECT ADDITIVES

Pursuant to Section 64590, Title 22 of the California Code of Regulations, (effective January 1, 1994), all chemicals or products, including chlorine, added directly to the drinking water as part of a treatment process must meet the ANSI/NSF Standard 60. Please complete the following table for each chemical used by this water system. If you are not sure whether a chemical you are using meets this standard, contact the manufacturer or distributor of the chemical.

If you do not use any direct additives, put “NONE” in **each** column of the first row.

Name of Chemical	Name of Manufacturer	Purpose of using chemical	Chemical is ANSI/NSF Standard 60 certified (Y/N)	Use initiated in 2019 (Y/N)
NO INFORMATION	NO INFORMATION	NO INFORMATION	N	N

Name of Chemical	Name of Manufacturer	Purpose of using chemical	Chemical is ANSI/NSF Standard 60 certified (Y/N)	Use initiated in 2019 (Y/N)

INDIRECT ADDITIVES

As of March 9, 2008, a water system shall not use any chemical, material, lubricant, or product in the production, treatment or distribution of drinking water that comes in contact with the drinking water that does not have certification of meeting NSF/ANSI standard 61.

Does your water system have procedures to ensure all future equipment and materials meet this standard?

- --Pick one--
- Yes
- No

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

8. WATER TREATMENT

Treatment Plant Name	Treatment Process	Contaminant Removed

If treatment was added or changed in any way in 2019, provide a brief description and identify the water source

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

9. CROSS-CONNECTION CONTROL **(2019SWSHelp.htm#CCC)**

	Total Number in System in 2019 [1]	Number Installed in 2019	Number Tested in 2019 [2]	Number Failed in 2019	Number Repaired/ Replaced
Backflow Assemblies (~/Content/2019SWSHelp.htm#Backflow) on the Service Connections or Meter (Reduced Pressure Principle and Double Check Valve assemblies)	0	YY	YY	YY	YY

Backflow Assemblies On-site but not on the Service Connections or Meter (~/Content/2019SWSHelp.htm#Backflow2) (Reduced Pressure Principle and Double Check Valve assemblies)	0	YY	YY	YY	YY
Air-gap Separation (~/Content/2019SWSHelp.htm#AirGap)	0	YY			

Notes:

[1] **Total Number in System in 2019** – Total number of active Backflow Prevention Assemblies including new devices installed in 2019, but excluding inactive devices.

[2] **Number Tested in 2019** – includes all active devices that were tested in 2019 and either passed or failed.

No. of *Inactive* Backflow Prevention Assemblies (~/Content/2019SWSHelp.htm#Inactive) in water system in 2019 : YY

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 (~/Content/2019SWSHelp.htm#CCI) that occurred during 2019:

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments)

RUSSIAN RIVER UTILITY DOES NOT HAVE THIS INFORMATION.

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

10. OPERATOR CERTIFICATION (2019SWSHelp.htm#TipsOpCert)

A. Please list the State certified Water **Treatment Plant Operators** employed by your water system that supervise and direct the operation of your water treatment plants, beginning with the chief operator(s) (~/Content/2019SWSHelp.htm#Chief).

Your Highest Treatment System Classification is: **T1 Or D1 required**

If you do not have a Certified Distribution System Operator, put "NONE" in **each** column of the first row.

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

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

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

Treatment Operator Number (4 or 5 digits): YY

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

Treatment Operator Name (First name Last name)	Grade of Treatment Operator (1, 2, 3, 4, or 5)	Chief or Shift[1] (C, S or X)	Treatment Operator Number (4 or 5 digits)	Treatment Certification Expiration Date (MM/DD/YYYY)
GREG PASSALACQUA	3	C	30916	12/01/2022
ROBERT SHEROD	2	S	37339	06/01/2021

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

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

○ --Pick one--

- ○ Yes
- ○ No
- ○ No treatment facility except precautionary disinfection
- ○ Don't Know

B. Please list the State certified Water **Distribution System Operators** employed by your water system that supervise and direct the operation of your distribution systems, beginning with the chief operator(s) (~/Content/2019SWSHelp.htm#Chief).

Your Distribution System Classification is: D1

If you do not have a Certified Distribution System Operator, put "NONE" in **each** column of the first row.

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

Name of Chief Distribution Operator (First name Last name): GREG PASSALACQUA
Grade of Chief Distribution Operator (1, 2, 3, 4 or 5): 2
Distribution Operator Number (4 or 5 digits): 36086
Distribution Certification Expiration Date (MM/DD/YYYY): 05/01/2021

Distribution Operator Name (First name Last name)	Grade of Distribution Operator (1, 2, 3, 4, or 5)	Chief or Shift[1] (C, S or X)	Distribution Operator Number (4 or 5 digits)	Distribution Certification Expiration Date (MM/DD/YYYY)
GREG PASSALACQUA	2	C	36086	05/01/2021
ROBERT SHEROD	2	S	45865	10/01/2021
JULIAN LEIBOWITZ	2	S	49744	05/01/2021
JAMES DUNTON	2	S	16230	12/01/2021

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

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

- ○ --Pick one--
- ○ Yes
- ○ No
- ○ Don't Know
- ○ Not Applicable (transient non-community water system)

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

11. WATER SYSTEM IMPROVEMENTS

The California Waterworks Standards (Section 64556) require 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 2019 for which a permit was not obtained, please describe the improvements or modifications below.

Indicate any planned improvements or modifications for 2020.

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

12. COMPLAINTS REPORTED (WRITTEN OR VERBAL)

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	YY	YY	YY	YY
Color	YY	YY	YY	YY
Turbidity	YY	YY	YY	YY
Visible Organisms	YY	YY	YY	YY
Pressure (High or Low)	YY	YY	YY	YY
Water Outages	YY	YY	YY	YY
Illnesses (Waterborne)	YY	YY	YY	YY
Other (Specify)	YY	YY	YY	YY
Total No. of Complaints*	0	0	0	

*Calculated field

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

13. SYSTEM PROBLEMS

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	YY	YY	YY	YY
Main Breaks/Leaks	YY	YY	YY	YY
Water Outages (~/Content /2019SWSHelp.htm#WaterOutages)	YY	YY	YY	YY
Boil Water Orders	YY	YY	YY	YY
Total*	0	0	0	

INFRASTRUCTURE AND PRESSURE (~/Content/2019LWSHelp.htm#IPM)

Pipe Material in Distribution System

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

- ☐ Plastic (Including Poly Vinyl Chloride and HDPE)
- ☐ Steel
- ☐ Cast Iron
- ☐ Galvanized Iron
- ☐ Ductile Iron
- ☐ Cement Concrete
- ☐ Asbestos Cement

Pipeline Material	Percentage of distribution pipe system composed of the materials selected above	Average Age (in years)
Plastic	YY	YY
Steel	YY	YY
Cast Iron	YY	YY
Galvanized Iron	YY	YY
Ductile Iron	YY	YY
Cement Concrete	YY	YY
Asbestos Cement	YY	YY
Asbestos Cement	YY	YY
other: YY	YY	YY

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

14. EMERGENCY PREPAREDNESS AND RESPONSE

A. EMERGENCY RESPONSE PLANS

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.

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

Date of your current Emergency Response Plan: YY

Date ERP was last exercised with a tabletop or other activity: YY

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

- --Pick one--
- Yes
- No
- Not applicable

B. AUXILIARY POWER SUPPLY

Does your water system have backup power for:

1. Sources:
   - --Pick one--
   - All
   - Some
   - None
   - Not Applicable
2. Pumping Stations:
   - --Pick one--
   - All
   - Some
   - None
   - Not Applicable
3. Water Treatment Plants:
   - --Pick one--
   - All
   - Some
   - None
   - Not Applicable

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?

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

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

72 hours

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

Is your backup power system automatic or manual start?:

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

C. WATER PARTNERSHIPS

1) Are you interested in obtaining information about water partnership or consolidation options (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/waterpartnership.html)? (https://ear.waterboards.ca.gov/Content/2019SWSHelp.htm#S17C1) 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

COMMENTS (Note: Comments will be made publicly available): (~/Content/2019LWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

14. WATER CONSERVATION AND DROUGHT PREPAREDNESS

Date of your revised Drought Preparedness Plan or Water Shortage Contingency Plan, if any: YY

Water system does not have a current drought or water shortage plan, mark box if applies: ☐

2. Did your water system experience water shortages in 2019?

- --Pick one--
- Yes
- No

If yes, please estimate the amount of shortfall in units selected for this section

Volume of water: YY

Units of Measure: (~/Content/2019LWSHelp.htm#UOM)

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

3. How many water-shortage response stages are in your drought plan? For "non-applicable", enter zero. (~/Content /2019LWSHelp.htm#ShortageStages)

- --Pick one--
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8+

4. Did drought conditions cause you to activate emergency standby wells in 2019?

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

5. Do you project water shortages in the current calendar year? (~/Content/2019LWSHelp.htm#WaterShortages)

- --Pick one--
- Yes
- No

6. Does your water system anticipate having to go to mandatory restrictions in the upcoming year? (~/Content /2019LWSHelp.htm#MandatoryRestrictions)

- --Pick one--
- Yes
- No

7. Identify the method your water system uses to discourage excessive water use when in drought, in support of SB 814 (2016) (~/Content /2019LWSHelp.htm#SB814) (Check as applicable)

- 7a. Rate structure (e.g., block tiers, water budgets, or rate surcharges above base rates for excessive water use)
- 7b. Excessive water use ordinance, rule, or tariff condition
- 7c. Not implementing
- 7d. Not applicable: not an urban retail water supplier (~/Content/2016LWSHelp.htm#SB814)
- 7e. COMMENTS REGARDING SB 814 (Note: Comments will be made publicly available) : (~/Content/2019LWSHelp.htm#SB814) YY

8. To identify data streamlining opportunities, are there other government agencies, aside from the Department of Water Resources, that require reports on the same information found in the Electronic Annual Report? If yes, please describe (include the title of the report, which agency receives it, and the type of information it includes): YY

9. COMMENTS (Note: Comments will be made publicly available): (~/Content/2019SWSHelp.htm#Comments) YY

Intro | Contacts | Population | Connections | Sources | Water Supplied | Water Rates and Deliveries | Water Quality | Treatment | Backflow | Certification | Improvements | Complaints | Distribution | Emergency | Conservation | Climate Change | LSLR | Acknowledge | Finalize

15. CLIMATE CHANGE ADAPTATION AND RESILIENCY FOR WATER UTILITIES

Per Waterboard Resolution 2017-0012, dated 3/7/17, water system inspections are required to address climate change impacts & concerns.

ONLY FOR COMMUNITY WATER SYSTEMS

Your water system classification is: Community Water System (~/Content/2019SWSHelp.htm#CCCommunityOnly)

If you have questions about completing this section of the report, please contact Joseph.Crisologo@waterboards.ca.gov or call (818) 551-2046.

A. CLIMATE THREATS

What climate-related impacts are of concern for your water system (check all that apply)? (2019SWSHelp.htm#ClimateThreats)

- ☐ Drought
- ☐ Groundwater Depletion
- ☐ Water Quality Degradation
- ☐ Flooding
- ☐ Sea Level Rise
- ☐ Extreme Heat
- ☐ Fire
- ☐ Other
- ☐ None or N/A

B. SENSITIVITY AND MAGNITUDE OF IMPACTS

Qualitatively assess climate change sensitivity of your facilities, and criticality or consequence of disruption. Consider identified climate threats using past experience, and expert judgement based on the magnitude of expected change and extreme events in the future. You do not need numeric answers. USEPA provides a risk assessment tool, called CREAT, to help utilities identify which environmental changes can impact water supply: https://www.epa.gov/crwu/build-resilience-your-utility. (https://www.epa.gov/crwu/build-resilience-your-utility)More resources are available that may help you complete this section. (2019SWSHelp.htm#SensiMagnitude)

Drought | Groundwater Depletion	Decreased water storage (low lake and reservoir levels)	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
	Groundwater depletion (increased extraction, reduced groundwater recharge, etc.)	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
	Change in seasonal runoff and/or loss of snowmelt	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity

	Region relies on water diverted from the Delta, imported from the Colorado River, or other climate-sensitive area	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
Water Quality Degradation	Salt-water intrusion into aquifers	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ 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 ○ 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 ○ None to Low Sensitivity
Flooding | Sea Level Rise	High flow events and flooding	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ 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 ○ None to Low Sensitivity

	Aging flood protection infrastructure (levees), or insufficient impoundment capacity	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
Extreme Heat	Peak demand volume surges (due to extreme heat, temperature trends, etc.)	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
	Increases in agricultural water demand or energy sector needs	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
Fire | Other Impacts	Increased fire risk and altered vegetation, e.g., wildfires	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
	Disruption of power supply	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
	Other YY	Choose an item ○ --Pick one-- ○ High or Already Experiencing ○ Medium Sensitivity ○ None to Low Sensitivity
C. ADAPTATION MEASURES		

Identify measures to increase resiliency and reduce vulnerabilities based on identified water system sensitivities. Indicate status for all projects that your organization has completed or plans to implement to increase resiliency of the water system to climate change? Adaptation measures planned or achieved for reasons other than climate change should be put in the “Other” box along with the reason for the measure. USEPA’s Adaptation Strategies Guide for Water Utilities provides examples of adaptation: https://www.epa.gov/crwu/learn-how-plan-extreme-weather-events (https://www.epa.gov/crwu/learn-how-plan-extreme-weather-events) (2019SWSHelp.htm#AdaptationMeasures)	
Install new and deeper drinking water wells, or modify existing wells to increase pumping capacity	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A
Develop local supplemental water supply, enhanced treatment, or increased storage capacity (e.g. recycled water, storm runoff for groundwater recharge, desalination, new reservoir)	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A
Interconnection with other utilities (transfers, mutual aid agreements with neighboring utilities)	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A
Relocate facilities, construct or install redundant facilities	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A

Modify facilities (e.g., install barrier or levee, raise a wall, seal a door, elevate construction)	Choose an item ○ --Pick one-- ○ Completed ○ In Progress ○ Plan to Implement ○ Will not Implement ○ N/A
Conservation measures (demand management, enhanced communication and outreach)	Choose an item ○ --Pick one-- ○ Completed ○ In Progress ○ Plan to Implement ○ Will not Implement ○ N/A
Fire prevention – brush management, partnerships	Choose an item ○ --Pick one-- ○ Completed ○ In Progress ○ Plan to Implement ○ Will not Implement ○ N/A
Alternative or backup energy supply	Choose an item ○ --Pick one-- ○ Completed ○ In Progress ○ Plan to Implement ○ Will not Implement ○ N/A
On-site energy generation	Choose an item ○ --Pick one-- ○ Completed ○ In Progress ○ Plan to Implement ○ Will not Implement ○ N/A

Enhance monitoring program, budget for additional testing and treatment, chemicals	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A
Other YY	Choose an item --Pick one-- Completed In Progress Plan to Implement Will not Implement N/A

COMMENTS (Note: Comments will be made publicly available): **(~/Content/2019SWSHelp.htm#Comments)** YY

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16. LEAD SERVICE LINE REPLACEMENT

ONLY FOR COMMUNITY WATER SYSTEMS

Your water system classification is: Community Water System

Section 116885 of the California Health and Safety Code, Lead Service Lines in Public Water Systems, added to the Health and Safety Code by Senate Bill 1398 (2016) and amended by Senate Bill 427 (2017), requires all community water systems (CWS) to compile an inventory of known partial or total lead user service lines in use in its distribution system by July 1, 2019. All CWSs will need to provide DDW an inventory form through this 2019 electronic annual report (eAR) explaining how the inventory was determined and the results. DDW is utilizing this 2019 electronic annual report (eAR) to gather and update this information.

IMPORTANT: In the 2017 electronic Annual Report, all CWSs were required to submit the lead service line inventory to the DDW. The INVENTORY TABLE below were PRE-FILLED with information provided in the 2017 eAR, please review the table below and take this opportunity to make changes and update your inventory. All pipe materials that does not apply to your system must not be left blank. You must enter zero, otherwise errors will be generated at the end of the eAR report.

The inventory must include all user service lines that are active and those that are reasonably expected to become active in the future. Also, Section 116885 requires that CWS identify areas that may have lead user service lines in use, and/or identify any areas within the CWS distribution system that the CWS cannot identify the material that is being used for the service line. If a CWS indicates the existence of lead user service lines or unknown material user service lines or lead/unknown fittings associated with user service lines, by July 1, 2020, the CWS will need to submit to DDW a timeline to replace all lead and unknown material user service lines. Please include the updated information on your user service line inventory below so DDW can track the progress of your system. For additional information, please visit

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/lead_service_line_inventory_pws.html (https://www.waterboards.ca.gov/drinking_water

/certlic/drinkingwater/lead_service_line_inventory_pws.html)

If you have questions about completing this section of the report, please contact David.Pimentel@Waterboards.ca.gov or call (916) 323-0572.

If your water system is a wholesaler and your system contain no user service lines, you are not required to complete this form: Please check this box: ☐ IsWholesaler

Date lead service line inventory was completed (MM/DD/YYYY): 01/06/2010

A. User service line inventory:

"User service line" means the pipe, tubing, and fittings connecting a water main to an individual water meter or service connection.

Pipe Material		**Estimated Number** of Service Lines (Enter "0" if none)	**Estimated Total Length** of Service Lines **(In feet),** if applicable
A. Lead		0	0
B. Unknown material		0	0
C. Copper		0	
D. Cast iron (ductile pipe)		0	
E. Ductile iron		0	
F. Galvanized steel		13	
G. Polyvinyl chloride (PVC)		0	
H. Polyethylene (PE)		0	
I. High density polyethylene (HDPE)		0	
J. Polybutylene (PB)		0	
K. Transite/asbestos cement		0	
L. Other materials not listed above:			
Identify material 1	0	0	
Identify material 2	0	0	
Identify material 3	0	0	
Identify material 4	0	0	
Total number of service lines inventoried* (calculated field)		13	
Total number of service connections from Section 3 of the EAR		13	
Fittings or fittings connecting a water main:			
M. Lead fittings NOT on a lead pipe(e.g., goosenecks, pigtails, and corporation stops)		0	
N. Lead fittings ON a lead pipe (e.g., goosenecks, pigtails, and corporation stops)		0	
O. Fittings of unknown material (e.g., goosenecks, pigtails, and corporation stops)		0	
Total number of lead service lines** (calculated field)		0	

*Total number of service lines inventoried (calculated field) = Sum of A through L

**Total number of lead service lines (calculated field) = Sum of A and M

To Update calculated field, click button below

YY

B. Method(s) used to prepare the lead service line inventory in Part A (check all that apply):

- ☐ Tap Cards or tickets from initial service installation
- ☐ Plans from water main installation, rehabilitation, and replacement
- ☐ Records indicating when buildings were constructed
- ☐ Meter replacement records
- ☐ Distribution maps, drawings, or GIS
- ☐ Visual confirmation of pipe material by plumbers or utility crews during maintenance or installation activities
- ☑ Interviews with water system personnel and/or past employees
- ☐ Field investigations
- ☑ Other (describe below):

Small system. Owners interview. Only 700 feet of service main line of 1 1/4" galv

C. COMPLIANCE WITH LEAD SERVICE LINE REPLACEMENT REQUIREMENT - NEW

Select one of the following options which applies to all community water system:

1. If the CWS completed the requirement by reporting no lead or no unknown service lines or fittings in the both the **2017 and 2018** EAR (2017 AND 2018 EAR LSLR inventory table in subsection A. had rows A, B, M and equal to 0), Check the box below to indicate you have completed the requirement. Click OK in the two pop-up windows that open after the box is checked. No further action is required.

   ☐ No lead and no unknown material service lines or fittings.

2. If the CWS reported lead or unknown material service lines or fittings in the **2017 and/or 2018** EAR LSLR section AND have since replaced or identified the materials (2019 EAR LSLR inventory table in subsection A. has rows A, B, M and O equal to 0), complete the LSLR certification form (the template can be found at the webpage linked below) then click HERE (PWSLSLRInit.ashx?action=Cert&PwsID={PwsID}) to upload the completed form. When you click on the HERE link, a new browser tab will open to the Replacement Timeline LTR or Certification Form upload page, after you have uploaded the document navigate back to this browser tab to complete the Finalize section of the EAR.

   The LSLR certification form template and FAQs can be found on the Lead Service Line Inventory Requirement for Public Water Systems webpage in the Resource and supplemental material section (bottom of page) at: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/lead_service_line_inventory_pws.html (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/lead_service_line_inventory_pws.html)

3. If the CWS reported lead or unknown material service lines or fittings in the 2019 EAR LSLR section (rows A, B, M and/or O are NOT equal to 0), a Replacement Timeline letter and spreadsheet must be submitted. The completed letter and spreadsheet (Replacement Timeline LTR and SS) should be uploaded at the links provided in 3.a. and 3.b. When you click on the HERE link below in 3.a., a new browser tab will open which has the Replacement Timeline LTR upload location, after you have uploaded the document navigate back this browser tab and click the HERE link in 3.b. for a new browser tab to open with the upload page for the Replacement Timeline SS. You will need to return to this browser tab to complete the Finalize section of the EAR after the uploads are completed.

   a. Click HERE (PWSLSLRInit.ashx?action=InitUpload&PwsID={PwsID}&Type=Replacement%20Timeline%20LTR%20or%20Certification%20Form) to upload the Replacement Timeline LTR
   b. Click HERE (PWSLSLRInit.ashx?action=InitUpload&PwsID={PwsID}&Type=Replacement%20Timeline%20SS) to upload the Replacement Timeline SS

   The timeline spreadsheet template and FAQs on this requirement can be found on the Lead Service Line Inventory Requirement for Public Water Systems webpage in the Resource and supplemental material section (bottom of page) at: https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/lead_service_line_inventory_pws.html (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/lead_service_line_inventory_pws.html)

If you are not able to upload the Replacement Timeline documents before the 2019 EAR is due, submit the 2019 EAR report on or before the report due date. After the EAR is reviewed, District or LPA Staff will return the EAR for revisions that will to allow you to upload the required documents by the July 1, 2020 deadline. You can request your District or LPA Office return the EAR for revision if you are ready to upload the documents before the review is completed.

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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 YY

☐ 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.

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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.

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