

# Appendices



**BELLA VISTA WATER DISTRICT  
COUNTY OF SHASTA, CALIFORNIA**

**Resolution No. 26-05**

A Resolution of the Board of Directors of the  
Bella Vista Water District

ADOPTING THE 2025 URBAN WATER MANAGEMENT PLAN FOR  
THE BELLA VISTA WATER DISTRICT.

\*\*\*\*\*

WHEREAS the Bella Vista Water District is an urban water supplier subject to the California Urban Water Management Planning Act (California Water Code §§ 10610 et seq.); and

WHEREAS the Urban Water Management Planning Act requires every urban water supplier to prepare and adopt an Urban Water Management Plan (“UWMP”) at least once every five years; and

WHEREAS the UWMP intends to support long-term water supply reliability through evaluation of water demands, available supplies, water conservation measures, water recycling, and related resource management strategies; and

WHEREAS the District has prepared its 2025 Urban Water Management Plan, which includes required analyses and documentation consistent with California Water Code § 10620 through 10656; and

WHEREAS the UWMP has been made available for public inspection and review in accordance with California Water Code § 10642; and

WHEREAS on June 22, 2026, the District conducted a duly noticed public hearing to receive public comments and consider adoption of the UWMP; and

WHEREAS the Board of Directors has reviewed the UWMP, staff reports, and public testimony and finds that the UWMP is appropriate and in the best interests of the District and its customers.

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NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Bella Vista Water District as follows:

1. The Board of Directors hereby adopts the 2025 Urban Water Management Plan, attached hereto as Exhibit A and incorporated herein by reference.
2. The Board finds that the UWMP:
  - Complies with the requirements of the California Urban Water Management Planning Act;
  - Provides a reasonable assessment of projected water demands and available supplies; and

- Incorporates appropriate water conservation, drought planning, and reliability measures.
3. The General Manager or designee is authorized to submit the UWMP to the California Department of Water Resources, maintain required records, and implement relevant programs and actions consistent with the UWMP.
  4. The UWMP is adopted in coordination with the District's Water Shortage Contingency Plan, which establishes response actions during water supply shortages.
  5. If any section, subsection, or provision of this resolution is held invalid, such decision shall not affect the validity of the remaining portions of this resolution.

\* \* \* \* \*

PASSED, APPROVED, AND ADOPTED this 22<sup>nd</sup> day of June 2026 by the following vote:

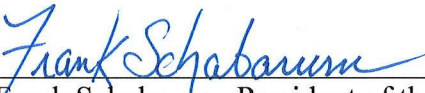
Ayes: Bambino, Nash, Schabarum, Smith, and Thompson

Noes: 0

Absent: 0

Abstain: 0

BELLA VISTA WATER DISTRICT

By:   
Frank Schabarum, President of the Board of  
Directors of Bella Vista Water District

ATTEST:

  
David J. Coxey, Secretary of the Board of  
Directors of Bella Vista Water District

**BELLA VISTA WATER DISTRICT  
COUNTY OF SHASTA, CALIFORNIA**

**Resolution No. 26-04**

A Resolution of the Board of Directors of the  
Bella Vista Water District

**ADOPTING THE 2025 WATER SHORTAGE CONTINGENCY PLAN FOR  
THE BELLA VISTA WATER DISTRICT**

\*\*\*\*\*

WHEREAS the Bella Vista Water (“District”) is an urban water supplier subject to the requirements of the California Urban Water Management Planning Act (California Water Code §§ 10610 et seq.); and

WHEREAS California Water Code § 10632 requires every urban water supplier to prepare, adopt, and implement a Water Shortage Contingency Plan (“WSCP”) that includes actions to be taken in response to water supply reductions; and

WHEREAS the WSCP is intended to establish a structured and reliable framework for responding to droughts, emergencies, and other conditions that may threaten the District’s ability to deliver adequate water supplies; and

WHEREAS the District has prepared a 2025 Water Shortage Contingency Plan, which identifies shortage response stages, triggers for each stage, demand reduction actions, and communication procedures; and

WHEREAS the WSCP has been made available for public review and comment in accordance with California Water Code § 10642; and

WHEREAS on [date], the District conducted a duly noticed public hearing to receive testimony and consider adoption of the WSCP; and

WHEREAS the Board of Directors has considered the WSCP, staff reports, and public testimony and finds that the WSCP is in the best interests of the District and its customers.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Bella Vista Water District as follows:

1. The Board of Directors hereby adopts the 2025 Water Shortage Contingency Plan, attached hereto as Exhibit A and incorporated herein by reference.
2. The Board finds that the WSCP:
  - Complies with the requirements of California Water Code § 10632;
  - Establishes clear water shortage response stages and associated actions; and
  - Provides a reasonable and systematic approach to maintaining essential water service during shortages.

3. The General Manager or designee is authorized to implement the WSCP, declare water shortage stages consistent with the plan, and take all necessary actions to carry out the intent of this resolution.
4. The WSCP is adopted as a component of the District's Urban Water Management Planning obligations and shall be submitted to the California Department of Water Resources as required by law.
5. If any provision of this resolution is found invalid, the remaining provisions shall remain in full force and effect.

\* \* \* \* \*

PASSED, APPROVED, AND ADOPTED this 22<sup>nd</sup> day of June 2026 by the Board of Directors of the Bella Vista Water District by following vote:

Ayes: Bambino, Nash, Schabarum, Smith, and Thompson

Noes: 0

Absent: 0

Abstain: 0

BELLA VISTA WATER DISTRICT

By: Frank Schabarum  
Frank Schabarum, President of the Board of  
Directors of Bella Vista Water District

ATTEST:

David J. Coxey  
David J. Coxey, Secretary of the Board of  
Directors of Bella Vista Water District

BELLA VISTA WATER DISTRICT

STATE OF CALIFORNIA)

) ss

COUNTY OF SHASTA )

I, DAVID J. COXEY, Secretary of the Bella Vista Water District DO HEREBY CERTIFY that the foregoing resolution was duly adopted by the Board of Directors of said District at a Regular Meeting of said Board of Directors by the following vote:

AYES: Bambino, Nash, Schabarum, Smith, and Thompson

NOES: 0

ABSENT: 0

ABSTAINED: 0

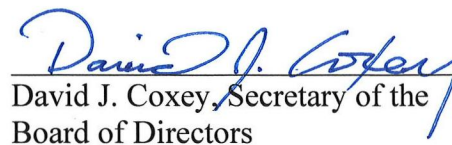
  
\_\_\_\_\_  
David J. Coxey, Secretary of the  
Board of Directors

STATE OF CALIFORNIA)

) ss

COUNTY OF SHASTA )

I, DAVID J. COXEY, Secretary of the Bella Vista Water District DO HEREBY CERTIFY that the foregoing is a full and correct copy of Resolution No. 26-04 of said Board of Directors, and that the same has not been amended or repealed.

  
\_\_\_\_\_  
David J. Coxey, Secretary of the  
Board of Directors

BELLA VISTA WATER DISTRICT

STATE OF CALIFORNIA)

) ss

COUNTY OF SHASTA )

I, DAVID J. COXEY, Secretary of the Bella Vista Water District DO HEREBY CERTIFY that the foregoing resolution was duly adopted by the Board of Directors of said District at a Regular Meeting of said Board of Directors by the following vote:

AYES: Bambino, Nash, Schabarum, Smith, and Thompson

NOES: 0

ABSENT: 0

ABSTAINED: 0



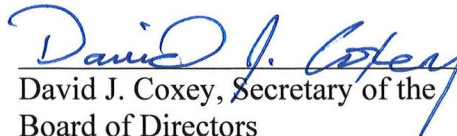
David J. Coxey, Secretary of the  
Board of Directors

STATE OF CALIFORNIA)

) ss

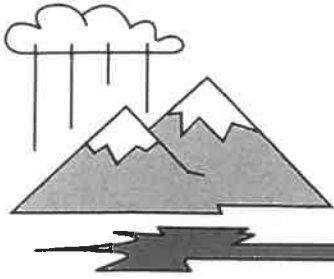
COUNTY OF SHASTA )

I, DAVID J. COXEY, Secretary of the Bella Vista Water District DO HEREBY CERTIFY that the foregoing is a full and correct copy of Resolution No. 26-05 of said Board of Directors, and that the same has not been amended or repealed.



David J. Coxey, Secretary of the  
Board of Directors





## DIRECTORS

TED BAMBINO

BOB NASH

JIM SMITH

Jeff Thompson

FRANK SCHABARUM

DAVID J. COXEY

Secretary/Treasurer/General Manager

# BELLA VISTA WATER DISTRICT

11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510

TELEPHONE (530) 241-1085 • FAX (530) 241-8354

March 9, 2026

Mr. Jeff Cole, General Manager  
Mountain Gate Community Services  
14508 Wonderland Blvd.  
Redding, California 96003

Subject: Notice of Preparation of the 2025 Bella Vista Water District Urban Water Management Plan (UWMP) Update

Dear Mr. Watkins:

Pursuant to the requirements of the California Water Code, Division 6, Part 2.6 Urban Water Management Planning, Section 10621 (b), every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days prior to the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.

This letter is intended to notify your agency that the Bella Vista Water District (District) is in process of preparing the 2025 UWMP update. Based on the District's current schedule, we expect to have a public review draft around May or June 2026, at which point will will issue a public notice that the draft UWMP is available for public review.

If your agency would like to submit comments or provide input to the District in anticipation of the development of the 2025 UWMP, please submit written comments to:

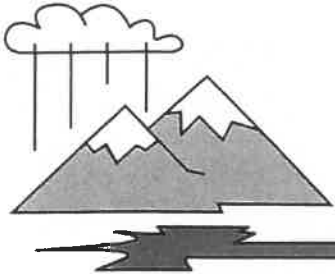
Tom Zaharris  
Project Manager  
11368 East Stillwater Way  
Redding, CA 96003

Sincerely,

Tom Zaharris,  
Project Manager

cc: Owen Kubit, Provost & Pritchard Consulting Group

We are an equal opportunity employer and provider.



**DIRECTORS**  
**TED BAMBINO**      **BOB NASH**  
**JIM SMITH**      **Jeff Thompson**  
**FRANK SCHABARUM**

**DAVID J. COXEY**  
Secretary/Treasurer/General Manager

## **BELLA VISTA WATER DISTRICT**

11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510  
TELEPHONE (530) 241-1085 • FAX (530) 241-8354

March 9, 2026

Mr. Will Bond, City Engineer  
Shasta Lake, City of  
PO Box 777  
Shasta Lake, CA 96019

Subject: Notice of Preparation of the 2025 Bella Vista Water District Urban Water Management Plan (UWMP) Update

Dear Mr. Watkins:

Pursuant to the requirements of the California Water Code, Division 6, Part 2.6 Urban Water Management Planning, Section 10621 (b), every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days prior to the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.

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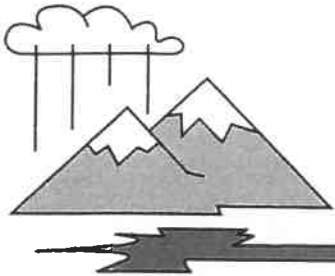
Tom Zaharris  
Project Manager  
11368 East Stillwater Way  
Redding, CA 96003

Sincerely,

Tom Zaharris,  
Project Manager

cc: Owen Kubit, Provost & Pritchard Consulting Group

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# DIRECTORS

TED BAMBINO

BOB NASH

JIM SMITH

Jeff Thompson

FRANK SCHABARUM

DAVID J. COXEY

Secretary/Treasurer/General Manager

## BELLA VISTA WATER DISTRICT

11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510

TELEPHONE (530) 241-1085 • FAX (530) 241-8354

March 9, 2026

Mr. Troy Bartolomei, Director  
Shasta County Public Works  
1855 Placer Street  
Redding, California 96001

Subject: Notice of Preparation of the 2025 Bella Vista Water District Urban Water Management Plan (UWMP) Update

Dear Mr. Watkins:

Pursuant to the requirements of the California Water Code, Division 6, Part 2.6 Urban Water Management Planning, Section 10621 (b), every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days prior to the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.

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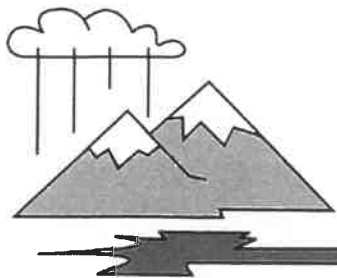
Tom Zaharris  
Project Manager  
11368 East Stillwater Way  
Redding, CA 96003

Sincerely,

Tom Zaharris,  
Project Manager

cc: Owen Kubit, Provost & Pritchard Consulting Group

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## DIRECTORS

TED BAMBINO

BOB NASH

JIM SMITH

Jeff Thompson

FRANK SCHABARUM

DAVID J. COXEY

Secretary/Treasurer/General Manager

# BELLA VISTA WATER DISTRICT

11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510  
TELEPHONE (530) 241-1085 • FAX (530) 241-8354

March 9, 2026

Mr. Josh Watkins  
Director of Public Works  
City of Redding  
P.O. Box 496071  
Redding, CA 96049-6071

Subject: Notice of Preparation of the 2025 Bella Vista Water District Urban Water Management Plan (UWMP) Update

Dear Mr. Watkins:

Pursuant to the requirements of the California Water Code, Division 6, Part 2.6 Urban Water Management Planning, Section 10621 (b), every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days prior to the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.

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Project Manager  
11368 East Stillwater Way  
Redding, CA 96003

Sincerely,

Tom Zaharris,  
Project Manager

cc: Owen Kubit, Provost & Pritchard Consulting Group

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|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Account Number:   | 1251575                                                                       |
| Customer Name:    | Bella Vista Water District                                                    |
| Customer Address: | Bella Vista Water District<br>11368 E Stillwater WAY<br>Redding CA 96003-8758 |
| Contact Name:     | Bella Vista Water District                                                    |
| Contact Phone:    |                                                                               |
| Contact Email:    |                                                                               |
| PO Number:        | 6-22-26 Meeting                                                               |

|                    |            |
|--------------------|------------|
| Date:              | 06/03/2026 |
| Order Number:      | 12390750   |
| Prepayment Amount: | \$ 0.00    |

|                   |         |
|-------------------|---------|
| Column Count:     | 2.0000  |
| Line Count:       | 55.0000 |
| Height in Inches: | 5.7200  |

Print

| Product                       | #Insertions | Start - End             | Category       |
|-------------------------------|-------------|-------------------------|----------------|
| RRS Redding Record Srchlght 2 |             | 06/08/2026 - 06/15/2026 | Public Notices |
| RRS redding.com               | 2           | 06/08/2026 - 06/15/2026 | Public Notices |

As an incentive for customers, we provide a discount off the total order cost equal to the 3.99% service fee if you pay with Cash/Check/ACH. Pay by Cash/Check/ACH and save!

|                                          |          |
|------------------------------------------|----------|
| Total Cash Order Confirmation Amount Due | \$434.00 |
| Tax Amount                               | \$0.00   |
| Service Fee 3.99%                        | \$17.32  |
| Cash/Check/ACH Discount                  | -\$17.32 |
| Payment Amount by Cash/Check/ACH         | \$434.00 |
| Payment Amount by Credit Card            | \$451.32 |

|                           |          |
|---------------------------|----------|
| Order Confirmation Amount | \$434.00 |
|---------------------------|----------|

## Ad Preview

### NOTICE OF PUBLIC HEARING BY THE BELLA VISTA WATER DISTRICT

**NOTICE IS HEREBY GIVEN** that the Bella Vista Water District, Redding, California will conduct a public hearing at its regular Board Meeting on **Monday, June 22, 2026, with the meeting commencing at 2:00 PM** or as soon thereafter as possible, at the Bella Vista Water District Office 11368 E. Stillwater Way, Redding, California, regarding the following:

**Bella Vista Water District 2026 Urban Water Management Plan (UWMP) and Water Shortage Contingency Plan (WSCP) Update**

California Water Code Sections 10610 through 10656 requires urban water suppliers within the state to prepare and adopt UWMPs and WSCPs for submittal to the California Department of Water Resources (DWR). The WSCP will be included as a component of the UWMP. The UWMPs must satisfy the requirements of the Urban Water Management Planning Act of 1983, including amendments that have been made to the Act and other applicable regulations. The purpose of the UWMP is to maintain efficient use of urban water supplies, continue to promote conservation programs and policies, ensure that sufficient water supplies are available for future use, and provide a mechanism for response during drought conditions.

**AVAILABILITY OF PROJECT RELATED DOCUMENTS:** The Draft 2026 Urban Water Management Plan, Draft Water Shortage Contingency Plan Update, and related documents are on file and available for review Monday – Thursday, 8:00 AM – 5:00 PM and Friday 8:00 AM – 3:30 PM at the Bella Vista Water District Office, 11368 E. Stillwater Way, Redding, CA 96003.

**ELECTRONIC COPIES:** The Draft 2026 Urban Water Management Plan and Draft Water Shortage Contingency Plan Update are available on the District's website at: **<https://www.bvwd.org/forms-and-reports>**

**PUBLIC COMMENT PERIOD:** Through the end of the Public Hearing on June 22, 2026

**PUBLIC COMMENTS:** Oral and written testimony will be accepted at the public hearing. Written comments also may be submitted to the District prior to the public hearing.

**Submit written comments to:**

Bella Vista Water District  
Attn: Tom Zaharris, Project Manager  
11368 E. Stillwater Way, Redding, CA 96003  
E-mail: **[tzharris@bvwd.org](mailto:tzharris@bvwd.org)**  
Juane 8,15,2026 12390750



| Submittal Table 2-1 Retail: Public Water Systems                                                                                                                                                                     |                            |                                      |                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|------------------------------------|
| Public Water System Number                                                                                                                                                                                           | Public Water System Name   | Number of Municipal Connections 2025 | Volume of Water Supplied 2025 (AF) |
| Add additional rows as needed                                                                                                                                                                                        |                            |                                      |                                    |
| CA4510014                                                                                                                                                                                                            | Bella Vista Water District | 6,332                                | 8,436                              |
|                                                                                                                                                                                                                      |                            |                                      |                                    |
|                                                                                                                                                                                                                      |                            |                                      |                                    |
|                                                                                                                                                                                                                      |                            |                                      |                                    |
| Total                                                                                                                                                                                                                |                            | 6,332                                | 8,436                              |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                            |                                      |                                    |
| <b>NOTES:</b>                                                                                                                                                                                                        |                            |                                      |                                    |

| Submittal Table 2-2: Plan Identification |                                                                                                    |                                                     |
|------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Select One                               | Type of Plan                                                                                       | Name of Regional Alliance or RUWMP (Drop Down List) |
| <input checked="" type="checkbox"/>      | <b>Individual UWMP</b>                                                                             |                                                     |
|                                          | If Water Supplier is also a member of a SB X7-7 Regional Alliance, select name from the drop-down. |                                                     |
| <input type="checkbox"/>                 | <b>Regional Urban Water Management Plan (RUWMP)</b>                                                |                                                     |
|                                          | If Supplier selected RUWMP, select name from the drop-down.                                        |                                                     |
| <b>NOTES:</b>                            |                                                                                                    |                                                     |

| Submittal Table 2-3: Supplier Identification                                                                                              |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Type of Supplier (select one or both)                                                                                                     |                                   |
| <input type="checkbox"/>                                                                                                                  | Supplier is a wholesale supplier  |
| <input checked="" type="checkbox"/>                                                                                                       | Supplier is a retail supplier     |
| Fiscal or Calendar Year (select one)                                                                                                      |                                   |
| <input checked="" type="checkbox"/>                                                                                                       | UWMP Tables are in calendar years |
| <input type="checkbox"/>                                                                                                                  | UWMP Tables are in fiscal years   |
| If using fiscal years provide month and date that the fiscal year begins (mm/dd)                                                          |                                   |
|                                                                                                                                           |                                   |
| Units of measure used in UWMP<br>(Select from the drop down list).                                                                        |                                   |
| Unit                                                                                                                                      | AF                                |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. |                                   |
| <b>NOTES:</b><br><br>                                                                                                                     |                                   |

**Submittal Table 3-1 Retail: Population - Current and Projected**  
**Water Code Section 10631(a)**

| Population Served | 2025   | 2030   | 2035   | 2040   | 2045   | 2050(opt) |
|-------------------|--------|--------|--------|--------|--------|-----------|
|                   | 18,553 | 18,927 | 19,309 | 19,698 | 20,095 | 20,500    |

**NOTES:** The future populations are predicated on an annual growth rate of 0.4% based on a continuation of the slow growth that the District has experienced over the last 10 years and the number of new connections to the District's water system over the last five years.

CWC 10631(a) describe the current and projected population of the service area including current and projected population...

**Submittal Table 4-1 Retail: Total Uses for Potable and Non-Potable Water — Actual  
Water Code Section 10631(d)(1)**

| Use Type                                                                                                                                                                                            | Additional Description<br>(as needed) | 2025 Actual Water Use                                         |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------|-------------|
| <b>Drop down list</b><br>May select each use multiple times<br>These are the only use types that will be recognized by the WUEdata online submittal tool                                            |                                       | <b>Potable or Non-Potable</b><br>(OPTIONAL)<br>Drop down list | Volume (AF) |
| Add additional rows as needed                                                                                                                                                                       |                                       |                                                               |             |
| Single Family                                                                                                                                                                                       | Residential                           | Potable                                                       | 2,866       |
| Single Family                                                                                                                                                                                       | Rural SFR with Agriculture            | Potable                                                       | 2,216       |
| Multi-Family                                                                                                                                                                                        |                                       | Potable                                                       | 133         |
| Commercial                                                                                                                                                                                          |                                       | Potable                                                       | 241         |
| Institutional/Governmental                                                                                                                                                                          |                                       | Potable                                                       | 420         |
| Landscape                                                                                                                                                                                           |                                       | Potable                                                       | 785         |
| Agricultural                                                                                                                                                                                        |                                       | Potable                                                       | 1,248       |
| Other (optional)                                                                                                                                                                                    | Construction                          | Potable                                                       | 4           |
| Other (optional)                                                                                                                                                                                    | Line flushing, fire fighting, etc.    | Potable                                                       | 8           |
| Distribution System Water Loss                                                                                                                                                                      |                                       | Potable                                                       | 517         |
| Subtotal Potable                                                                                                                                                                                    |                                       |                                                               | 8,436       |
| Subtotal Non-Potable                                                                                                                                                                                |                                       |                                                               | 0           |
| Total                                                                                                                                                                                               |                                       |                                                               | 8,436       |
| DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                       |                                                               |             |
| NOTES:                                                                                                                                                                                              |                                       |                                                               |             |

**CWC 10631(d)(1)** For an urban retail water supplier, quantify, to the extent records are available, past and current water use...identifying the uses among water use sectors including but not limited to:

(A) Single-family residential. (B) Multifamily. (C) Commercial. (D) Industrial. (E) Institutional and governmental. (F) Landscape. (G) Sales to other agencies. (H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof. (I) Agricultural.

(J) Distribution system water loss

**Submittal Table 4-2 Retail: Total Uses for Potable, and Non-Potable Water — Projected Water Code Section 10631(d)(1)**

| Use Type                                                                                                                                                                                                   | Additional Description (as needed) | Projected Water Use<br>(Report To the Extent that Records are Available) |           |           |           |           |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------|-----------|-----------|-----------|-----------|---------------|
|                                                                                                                                                                                                            |                                    | Potable or Non-Potable (OPTIONAL)<br>Drop down list                      | 2030 (AF) | 2035 (AF) | 2040 (AF) | 2045 (AF) | 2050 opt (AF) |
| <b>Drop down list</b><br>May select each use multiple times<br>These are the only Use Types that will be                                                                                                   |                                    |                                                                          |           |           |           |           |               |
| Single Family                                                                                                                                                                                              | Residential                        | Potable                                                                  | 2,930     | 2,988     | 3,048     | 3,109     | 3,171         |
| Single Family                                                                                                                                                                                              | Rural SFR with Agriculture         | Potable                                                                  | 2,265     | 2,310     | 2,357     | 2,404     | 2,452         |
| Multi-Family                                                                                                                                                                                               |                                    | Potable                                                                  | 134       | 137       | 139       | 142       | 145           |
| Commercial                                                                                                                                                                                                 |                                    | Potable                                                                  | 236       | 241       | 246       | 251       | 256           |
| Institutional/Governmental                                                                                                                                                                                 |                                    | Potable                                                                  | 439       | 448       | 457       | 466       | 475           |
| Landscape                                                                                                                                                                                                  |                                    | Potable                                                                  | 807       | 823       | 840       | 856       | 873           |
| Agricultural                                                                                                                                                                                               |                                    | Potable                                                                  | 1,245     | 1,245     | 1,245     | 1,245     | 1,245         |
| Other (optional)                                                                                                                                                                                           | Construction                       | Potable                                                                  | 9         | 9         | 9         | 9         | 10            |
| Other (optional)                                                                                                                                                                                           | Line flushing, fire fighting, etc. | Potable                                                                  | 11        | 11        | 11        | 11        | 11            |
| Distribution System Water Loss                                                                                                                                                                             |                                    | Potable                                                                  | 727       | 741       | 756       | 771       | 787           |
| Subtotal Potable                                                                                                                                                                                           |                                    |                                                                          | 8,802     | 8,953     | 9,107     | 9,265     | 9,425         |
| Subtotal Non-Potable                                                                                                                                                                                       |                                    |                                                                          | 0         | 0         | 0         | 0         | 0             |
| <b>Total</b>                                                                                                                                                                                               |                                    |                                                                          | 8,802     | 8,953     | 9,107     | 9,265     | 9,425         |
| <b>DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.</b> |                                    |                                                                          |           |           |           |           |               |
| <b>NOTES: Based on assumed growth of 0.4% per year</b>                                                                                                                                                     |                                    |                                                                          |           |           |           |           |               |

CWC 10631(d)(1) For an urban retail water supplier, quantify, to the extent records are available... projected water use...identifying the uses among water use sectors...

| <b>Submittal Table 4-3 Retail: Inclusion in Water Use Projections</b><br><b>Water Code Section 10631 (a), 10631 (d)(4)(A), and 10631 (d)(4)(B)</b>                                                                                                                                                     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Are Future Water Savings Included in Projections?</b><br>Drop down list (y/n)                                                                                                                                                                                                                       | No  |
| If "Yes" to above, <b>state the section or page number</b> , in the cell to the right, where citations of the codes, ordinances, or otherwise are utilized in demand projections are found.<br><b>Optional</b> Suppliers may complete Optional Submittal Table 4-4 R to quantify the expected savings. |     |
| <b>Are Lower Income Residential Demands Included In Projections?</b><br>Drop down list (y/n)                                                                                                                                                                                                           | Yes |
| <b>Optional</b> If the method for accounting Lower Income Residential Demands has been included, provide page number where this accounting can be found.                                                                                                                                               |     |
| <b>DWR NOTES:</b> Additional guidance is provided in Appendix K.                                                                                                                                                                                                                                       |     |
| <b>NOTES:</b>                                                                                                                                                                                                                                                                                          |     |

CWC10631 (d) (4) (A) Water use projections, **where available**, shall display and account for water savings estimated to result from adopted codes, standards, ordinances, or transportation and land use plans identified by the urban water supplier, as applicable to the service area.

CWC 10631 (d) (4) (B) to the extent that an urban water supplier reports the information described in subparagraph (A), an urban water supplier shall do both of the following: (i) Provide citations of the various codes, standards, ordinances or transportation and land use plans utilized in making the projections.  
 (ii) Indicate the extent that the water use projections consider savings from codes, standards, ordinances, or transportation and land use plans. Water use projections that do not account for these water savings shall be noted of that fact.

CWC 10631(a) Water use projections required by section 10631 shall include projected water use for single-family and multifamily residential housing needed for lower income households, as identified in the housing element of any city, county, or city and county, in the service area of the supplier .

| Submittal Table 4-5 Retail: Water Loss Audit Reporting<br>Water Code Section 10631(d)(3)(A)                  |                  |                                                       |
|--------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------|
| Public Water System ID # Reported<br>in Table 2-1 R                                                          | Reporting Period | Submitted to DWR Water<br>Loss Audit Program (yes/no) |
| Report submittal status for all five years for each Public Water System as available.<br>Add rows as needed  |                  |                                                       |
|                                                                                                              | 2020             | Yes                                                   |
|                                                                                                              | 2021             | Yes                                                   |
|                                                                                                              | 2022             | Yes                                                   |
|                                                                                                              | 2023             | Yes                                                   |
|                                                                                                              | 2024             | Yes                                                   |
| <b>DWR NOTES:</b> Suppliers will provide a link to the WUEdata submittals of their Water Loss Audit Reports. |                  |                                                       |
| <b>NOTES:</b> All water loss audits found in on the WUE website page.                                        |                  |                                                       |

CWC 10631(d)(3) (A) The distribution system water loss shall be quantified for each of the five years preceding the plan update, in accordance with rules adopted pursuant to Section 10608.34.

| Submittal Table 4-6 Retail: Progress Towards 2028 Water Loss Standard                                                                                                                                        |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------------|
| Water Code Section 10631(d)(3)(C)                                                                                                                                                                            |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |
| Public Water System ID # Reported in Submittal Table 2-1 R                                                                                                                                                   | Did the Water Board Calculate a Water Loss Standard for this Public Water System? (y/n)<br>If no, Supplier will not complete this row. | Real Water Loss                                |                                             |                                                                          |                                                             |                                  | Apparent Water Loss                                |                                                |                                   |                                                                 |                                      |
|                                                                                                                                                                                                              |                                                                                                                                        | State Water Board Standard                     |                                             | Most Recent AWWA Water Loss Audit                                        |                                                             | Real Water Loss Per Unit per Day | State Water Board Standard                         |                                                | Most Recent AWWA Water Loss Audit |                                                                 | Apparent Water Loss Per Unit per Day |
|                                                                                                                                                                                                              |                                                                                                                                        | 2028 Real Water Loss Standard per Unit per day | Units for Real Water Loss<br>Drop down list | Number of Units (Connections or Miles corresponding with units selected) | Volume of Total Real Loss (from AWWA Water Loss Audit) (AF) |                                  | 2028 Apparent Water Loss Standard per Unit per Day | Units for Apparent Water Loss                  | Number of Connections             | Volume of Total Apparent Loss (from AWWA Water Loss Audit) (AF) |                                      |
| Add additional rows as needed.                                                                                                                                                                               |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |
| CA4510014                                                                                                                                                                                                    | Yes                                                                                                                                    | 695.708                                        | Gallons per Mile per Day (GPMD)             | 236.55                                                                   | 696.52                                                      | 2,628.68                         | 33.9                                               | Gallons per Service Connection per Day (GPSCD) | 6332                              | 202.60                                                          | 28.6                                 |
|                                                                                                                                                                                                              |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    | Gallons per Service Connection per Day (GPSCD) |                                   |                                                                 |                                      |
|                                                                                                                                                                                                              |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    | Gallons per Service Connection per Day (GPSCD) |                                   |                                                                 |                                      |
| <a href="#">Water Board's Calculated Water Loss Standards</a>                                                                                                                                                |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |
| DWR NOTES: Units of measure (AF, CCF, MG) for Water Loss MUST remain consistent with units reported in Submittal Table 2-3. The units reported in Submittal Table 2-3 are used in this table's calculations. |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |
| NOTES:                                                                                                                                                                                                       |                                                                                                                                        |                                                |                                             |                                                                          |                                                             |                                  |                                                    |                                                |                                   |                                                                 |                                      |

CWC 10631(d)(3)(C) In the plan due July 1, 2021, and in each update thereafter, data shall be included to show whether the urban retail water supplier met the distribution loss standards enacted by the board pursuant to Section 10608.34.

| Submittal Table 5-1 Retail: SB X7-7 2020 Target Progress                                                                                                                                                                                                                                    |                                                                  |                                                                                                                                          |                  |                                                   |                                                                                 |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------|
| Water Code Section 10608.40                                                                                                                                                                                                                                                                 |                                                                  |                                                                                                                                          |                  |                                                   |                                                                                 |                                            |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                    |                                                                  | Check the box if the Supplier was not an Urban Water Supplier during or before the 2020 UWMP reporting cycle. Proceed to the next table. |                  |                                                   |                                                                                 |                                            |
| Was Supplier part of a merger or consolidation since 2020?                                                                                                                                                                                                                                  | Regional Alliance Target or Individual Target?<br>Drop down list | 2020 Target                                                                                                                              | Actual 2020 GPCD | Did Supplier Achieve Targeted Reduction for 2020? | Only for suppliers that did not meet the Target in 2020<br>See DWR NOTES below. |                                            |
|                                                                                                                                                                                                                                                                                             |                                                                  |                                                                                                                                          |                  |                                                   | Actual 2025 GPCD<br>(From SB X7-7 Compliance Form)                              | Did Supplier meet the 2020 Target in 2025? |
| No                                                                                                                                                                                                                                                                                          | Individual Target                                                | 758                                                                                                                                      | 546              | Yes                                               |                                                                                 | NA                                         |
| <b>DWR NOTES:</b><br><b>Suppliers calculating a 2025 GPCD</b> will need to complete and submit SB X 7-7 Compliance Tables to verify the use of SB X7-7 Methodologies.<br><b>Suppliers that were part of a merger or consolidation since 2020</b> see Chapter 5 and Appendix P for guidance. |                                                                  |                                                                                                                                          |                  |                                                   |                                                                                 |                                            |
| <b>NOTES:</b>                                                                                                                                                                                                                                                                               |                                                                  |                                                                                                                                          |                  |                                                   |                                                                                 |                                            |

10608.40 Urban water retail suppliers shall report to the department on their progress in meeting their urban water use targets as part of their urban water management plans submitted pursuant to Section 10631.

| Submittal Table 6-1 Retail: Groundwater Volume Pumped<br>Water Code Section 10631(4) and 10631(4)(c)                                                                                                                 |                                                                                            |                           |           |           |           |           |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|-----------|-----------|-----------|-----------|-----------|
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if the Supplier does not pump groundwater.<br>Proceed to the next table.     |                           |           |           |           |           |           |
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if all or part of the groundwater described below is desalinated. (OPTIONAL) |                           |           |           |           |           |           |
| Groundwater Type<br><b>Drop Down List</b><br>May use each category multiple times                                                                                                                                    | Potable or Non-Potable (OPTIONAL)<br><b>Drop down list</b>                                 | Location or Basin Name    | 2021 (AF) | 2022 (AF) | 2023 (AF) | 2024 (AF) | 2025 (AF) |
| Add additional rows as needed                                                                                                                                                                                        |                                                                                            |                           |           |           |           |           |           |
| Alluvial Basin                                                                                                                                                                                                       | Potable                                                                                    | Redding Groundwater Basin | 2660      | 1636      | 190       | 102       | 385       |
|                                                                                                                                                                                                                      |                                                                                            |                           |           |           |           |           |           |
|                                                                                                                                                                                                                      |                                                                                            |                           |           |           |           |           |           |
|                                                                                                                                                                                                                      |                                                                                            |                           |           |           |           |           |           |
|                                                                                                                                                                                                                      |                                                                                            |                           |           |           |           |           |           |
|                                                                                                                                                                                                                      |                                                                                            |                           |           |           |           |           |           |
| <b>Total</b>                                                                                                                                                                                                         |                                                                                            |                           | 2,660     | 1,636     | 190       | 102       | 385       |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                                                                            |                           |           |           |           |           |           |
| <b>NOTES</b><br><br>                                                                                                                                                                                                 |                                                                                            |                           |           |           |           |           |           |

10631(4) If groundwater is identified as an existing or planned source of water available to the supplier, all of the following information:

(C) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

| Submittal Table 6-2 Retail: Wastewater Collected Within Service Area<br>Water Code Section 10633(a)                                                                                                                                                                                                         |                                                                 |                                                                                              |                                                                              |                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                    |                                                                 | Check the box if there is no wastewater collection system.<br>Proceed to the next table.     |                                                                              |                                                  |
|                                                                                                                                                                                                                                                                                                             |                                                                 | Percentage of 2025 service area served by wastewater collection system (OPTIONAL)            |                                                                              |                                                  |
|                                                                                                                                                                                                                                                                                                             |                                                                 | Percentage of 2025 service area population served by wastewater collection system (OPTIONAL) |                                                                              |                                                  |
| Wastewater Collection                                                                                                                                                                                                                                                                                       |                                                                 |                                                                                              | Recipient of Collected Wastewater                                            |                                                  |
| Name of Wastewater Collection Agency                                                                                                                                                                                                                                                                        | Wastewater Volume Metered or Estimated? OPTIONAL Drop Down List | Volume of Wastewater Collected from UWMP Service Area 2025 (AF)                              | Name of Wastewater Treatment Plant (WWTP) and Place ID Number Drop down list | Is WWTP Located Within UWMP Area? Drop Down List |
| Add additional rows as needed                                                                                                                                                                                                                                                                               |                                                                 |                                                                                              |                                                                              |                                                  |
| City of Redding                                                                                                                                                                                                                                                                                             | Estimated                                                       | 874                                                                                          | Stillwater WWTP Reclamation, Place ID 258677                                 | No                                               |
| Shasta County CSA#8                                                                                                                                                                                                                                                                                         | Estimated                                                       | 78                                                                                           | Palo Cedro WWTF, Place ID 247464                                             | No                                               |
| Shasta College                                                                                                                                                                                                                                                                                              | Estimated                                                       | 30                                                                                           | Shasta College Sewage Disposal Pond, Place ID 256606                         | Yes                                              |
| <b>Total Wastewater Received from UWMP Service Area in 2025:</b>                                                                                                                                                                                                                                            |                                                                 | 982                                                                                          |                                                                              |                                                  |
| <b>DWR NOTES: Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.<br><b>Additional Guidance:</b> See Appendix M, Section M.21 for detailed guidance on this table. |                                                                 |                                                                                              |                                                                              |                                                  |
| <b>NOTES:</b> The City of Redding's Stillwater WWTP is approximately five miles south and downhill from BVWD's service area and the Palo Cedro WWTF is approximately 2.5 miles south of BVWD's service area.                                                                                                |                                                                 |                                                                                              |                                                                              |                                                  |

CWC 10633(a) A description of the wastewater collection and treatment systems in the supplier’s service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.

| Submittal Table 6-3 Retail: Wastewater Treatment and Outcomes Within UWMP Service Area                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                   |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------|-------------|---------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|-------------|----------------------|
| Water Code Section 10633(b)                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                   |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Check the box if no wastewater is treated or disposed of within the UWMP service area. Proceed to the next table. |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
| Wastewater Treatment Plant Name and Place ID Number<br>Drop down list                                                                                                                                                                                                                                                                                                                                                                                      | Does This Plant Treat Wastewater Generated Outside the UWMP Service Area? (OPTIONAL)<br>Drop down list            | 2025 Volume of Wastewater Received from UWMP Service Area (As Reported in Submittal Table 6-2 R) (AF) | Total 2025 Volume of Water Treated (AF) | 2025 Outcomes of Treated Wastewater                                   |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |                                                                                                       |                                         | Water Recycled Within UWMP Service Area<br>(enter data as applicable) |             | Water Recycled Outside of UWMP Service Area<br>(enter data as applicable) |             | Effluent Discharge that is not a Permitted Recycled Water Use<br>(enter data as applicable) |             | Required Discharge for Instream Flow<br>(enter data as applicable) |             | Delivered to Another Entity for Additional Treatment<br>(enter data as applicable) |             |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |                                                                                                       |                                         | Treatment Level<br>Drop down list                                     | Volume (AF) | Treatment Level<br>Drop down list                                         | Volume (AF) | Treatment Level<br>Drop down list                                                           | Volume (AF) | Treatment Level<br>Drop down list                                  | Volume (AF) | Treatment Level<br>Drop down list                                                  | Volume (AF) | Name of other entity |
| Add additional rows as needed                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
| Shasta College Sewage Disposal Pond, Place ID 256606                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                                                                | 30                                                                                                    |                                         |                                                                       | -           |                                                                           | -           | Secondary, Undisinfected                                                                    | 30          |                                                                    |             |                                                                                    |             |                      |
| Stillwater WWTP Reclamation, Place ID 258677                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                                               | 874                                                                                                   |                                         |                                                                       |             |                                                                           |             |                                                                                             |             | Tertiary                                                           | 874         |                                                                                    |             |                      |
| Palo Cedro WWTF, Place ID 247464                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                               | 84                                                                                                    |                                         |                                                                       |             |                                                                           |             | Secondary, Undisinfected                                                                    | 84          |                                                                    |             |                                                                                    |             |                      |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                   | 987                                                                                                   | -                                       |                                                                       | 0           |                                                                           | 0           |                                                                                             | 113         |                                                                    | 874         |                                                                                    | 0           |                      |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.<br><b>IPR:</b> Indirect Potable Reuse would have the treatment level of its end use requirement in the Level of Treatment drop-down.<br><b>Additional Guidance:</b> See Appendix M, Section M.21 for detailed guidance on this table. |                                                                                                                   |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |
| <b>NOTES:</b><br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                   |                                                                                                       |                                         |                                                                       |             |                                                                           |             |                                                                                             |             |                                                                    |             |                                                                                    |             |                      |

10633. The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier...and shall include all of the following:

(b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.

| Submittal Table 6-4 Retail: Recycled Water Direct Beneficial Uses Within Service Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------------|-------------------------------------|
| Water Code Section 10633 (c),(d),(e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Check box if recycled water is not used and is not planned for use within the service area of the supplier. The supplier will only complete the column on "Potential Recycled Water Use" and submit an accompanying narrative on the feasibility of that potential recycled water use. |                                       |           |           |           |           |           |           |                              |                                     |
| Name(s) of Facility/ies Producing (Treating) the Recycled Water (OPTIONAL) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| Name of Supplier Operating the Recycled Water Distribution System (OPTIONAL) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| Volume of Supplemental Water Added in 2025 (OPTIONAL) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| Source of 2025 Supplemental Water (OPTIONAL) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| Use Type<br>Drop down list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Potable or Non-Potable<br>(after treatment if treated)<br>(OPTIONAL)<br>Drop down list                                                                                                                                                                                                 | Additional Information<br>(as needed) | 2025 (AF) | 2030 (AF) | 2035 (AF) | 2040 (AF) | 2045 (AF) | 2050 (AF) | Potential Recycled Water Use |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           | Volume                       | Narrative page number<br>(OPTIONAL) |
| Add additional rows as needed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           | 0                            | n/a                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| Subtotal Potable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                        |                                       | 0         | 0         | 0         | 0         | 0         | 0         | 0                            |                                     |
| Subtotal Non-Potable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                        |                                       | 0         | 0         | 0         | 0         | 0         | 0         | 0                            |                                     |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                        |                                       | 0         | 0         | 0         | 0         | 0         | 0         | 0                            |                                     |
| <p><b>DWR NOTES: Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.</p> <p><b>Additional Guidance:</b> See Appendix M, Section M.21 for detailed guidance on this table.</p> <p><b>Potential recycled water use:</b> a description of the feasibility of these uses must be included in the narrative.</p> <p><b>Multiple Producers:</b> If you have multiple recycled water producers, submit a separate table for each.</p> |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |
| NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                        |                                       |           |           |           |           |           |           |                              |                                     |

**Submittal Table 6-5 Retail: 2020 UWMP Recycled Water Use Projection  
Compared to 2025 Actual  
Water Code Section 10633(e)**



Check the box if recycled water was not used in 2025 nor previously projected for use in 2020.  
Proceed to the next table.

| Use Type<br>Drop Down list    | 2020 Projection<br>for 2025 (AF) | 2025 Actual<br>Use (AF) |
|-------------------------------|----------------------------------|-------------------------|
| Add additional rows as needed |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
|                               |                                  |                         |
| <b>Total</b>                  | <b>0</b>                         | <b>0</b>                |

**DWR NOTES:**

**Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure reported in Submittal Table 2-3

**Additional Guidance:** See Appendix M, Section M.21 for detailed guidance on this table.

**NOTES:**

**Submittal Table 6-6 Retail: Methods to Encourage Future Recycled Water Use**  
**Water Code Section 10633(f)**

| <input checked="checked" type="checkbox"/>                                                                                                                                                                                                                                                                                           | Check the box if the Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation. |                             |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|
| 60                                                                                                                                                                                                                                                                                                                                   | Provide page location of narrative in the UWMP                                                                                                                             |                             |                                              |
| Name of Action                                                                                                                                                                                                                                                                                                                       | Description                                                                                                                                                                | Planned Implementation Year | Expected Increase in Recycled Water Use (AF) |
| Add additional rows as needed                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                            |                             |                                              |
|                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                            |                             |                                              |
|                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                            |                             |                                              |
|                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                            |                             |                                              |
|                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                            |                             |                                              |
| Total (AF)                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                            |                             | 0                                            |
| Unit Conversion to AF                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                            |                             | 0                                            |
| <b>DWR NOTES:</b><br><b>Units of measure</b> (AF, CCF, MG) MUST remain consistent with units reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.<br><b>The unit conversion to Acre Feet</b> addresses the Water Code's requirement that this value be provided in acre-feet. |                                                                                                                                                                            |                             |                                              |
| <b>NOTES:</b> No recycled water is available for use within the District's water service boundaries. The District has investigated recycled water use and has not been able to identify any feasible projects.                                                                                                                       |                                                                                                                                                                            |                             |                                              |

| <b>Submittal Table 6-7 Retail: Expected Future Water Supply Projects or Programs</b><br><b>Water Code Section 10631(f)</b>                                                                                           |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|--------------------------------------------------------------------------|
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if there are no expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Proceed to the next table. |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.           |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| 64                                                                                                                                                                                                                   | Provide page location of narrative in the UWMP                                                                                                                                |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| Name of Future Projects or Programs                                                                                                                                                                                  | Joint Project with other suppliers?                                                                                                                                           |                       | Additional Description (as needed)                                                                   | Potable or Non-Potable (after treatment if treated) (OPTIONAL) Drop Down list | Planned Implementation Year   | Planned for Use in Year Type Drop Down List | Expected Increase in Water Supply to Supplier (This may be a range) (AF) |
|                                                                                                                                                                                                                      | Drop Down List (yes/no)                                                                                                                                                       | If Yes, Supplier Name |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| Add additional rows as needed                                                                                                                                                                                        |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| Groundwater Wells 7 and 8                                                                                                                                                                                            | No                                                                                                                                                                            |                       | Construction of additional groundwater wells including iron and manganese treatment and chlorination | Potable                                                                       | Within the next 5 to 10 years | All Year Types                              | Approximately 1,000 AF per new well                                      |
|                                                                                                                                                                                                                      |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
|                                                                                                                                                                                                                      |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure reported in Submittal Table 2-3. |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |
| <b>NOTES:</b>                                                                                                                                                                                                        |                                                                                                                                                                               |                       |                                                                                                      |                                                                               |                               |                                             |                                                                          |

10631 (f) Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use, as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in normal and single-dry water years and for a period of drought lasting five consecutive water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.

| Submittal Table 6-8 Retail: Water Supplies — Actual<br>Water Code Section 10631(b)                                                                                                       |                                                                                |                                                                                        |                       |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------|
| Water Supply                                                                                                                                                                             | Additional Description<br>(as needed)                                          | 2025                                                                                   |                       |                                                                  |
| <b>Drop down list</b><br>May use each category multiple times.<br>These are the only water supply categories that will be recognized by the WUEdata online submittal tool                |                                                                                | Potable or Non-Potable<br>(after treatment if treated)<br>(OPTIONAL)<br>Drop Down list | Actual Volume<br>(AF) | Total Entitlement<br>(OPTIONAL)<br>See 'DWR Notes' below<br>(AF) |
| Add additional rows as needed                                                                                                                                                            |                                                                                |                                                                                        |                       |                                                                  |
| Surface water (not desalinated)                                                                                                                                                          | CVP Water Service Contract supply pumped from the Sacramento River             | Potable                                                                                | 6,252                 | 24,578                                                           |
| Surface water (not desalinated)                                                                                                                                                          | ACID Long-term transfer supply pumped from the Sacramento River                | Potable                                                                                | 1,800                 | 1,800                                                            |
| Groundwater (not desalinated)                                                                                                                                                            | Wells are located in the Enterprise Sub-basin of the Redding Groundwater Basin | Potable                                                                                | 385                   | 2,660                                                            |
|                                                                                                                                                                                          |                                                                                |                                                                                        |                       |                                                                  |
| Subtotal Potable                                                                                                                                                                         |                                                                                |                                                                                        | 8,437                 | 29,038                                                           |
| Subtotal Non-Potable                                                                                                                                                                     |                                                                                |                                                                                        | 0                     | 0                                                                |
| Total                                                                                                                                                                                    |                                                                                |                                                                                        | 8,437                 | 29,038                                                           |
| DWR NOTES:                                                                                                                                                                               |                                                                                |                                                                                        |                       |                                                                  |
| Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                                                                |                                                                                        |                       |                                                                  |
| Total Entitlement: e.g. Water Right, Groundwater Allocation, Contracted Amount.                                                                                                          |                                                                                |                                                                                        |                       |                                                                  |
| NOTES:                                                                                                                                                                                   |                                                                                |                                                                                        |                       |                                                                  |

10631. A plan shall be adopted in accordance with this chapter that shall do all of the following... (b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a), providing supporting and related information...

**Submittal Table 6-9 Retail: Water Supplies — Projected**  
**Water Code Section 10631 (b)**

| Water Supply                                                                                                                                                   | Additional Detail on Water Supply                                              | Potable or Non-Potable<br>(after treatment if treated)<br>(OPTIONAL)<br>Drop Down list | Projected Water Supply (Report to the Extent Practicable) |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------|----------------------------------|------------------------------------------------------------|
| Drop down list<br>May use each category multiple times. These are the only water supply categories that will be recognized by the WUData online submittal tool |                                                                                |                                                                                        | 2030                                                      |                                                            | 2035                             |                                                            | 2040                             |                                                            | 2045                             |                                                            | 2050 (opt)                       |                                                            |
|                                                                                                                                                                |                                                                                |                                                                                        | Reasonably Available Volume (AF)                          | Total Entitlement (OPTIONAL)<br>See 'DWR Notes' below (AF) | Reasonably Available Volume (AF) | Total Entitlement (OPTIONAL)<br>See 'DWR Notes' below (AF) | Reasonably Available Volume (AF) | Total Entitlement (OPTIONAL)<br>See 'DWR Notes' below (AF) | Reasonably Available Volume (AF) | Total Entitlement (OPTIONAL)<br>See 'DWR Notes' below (AF) | Reasonably Available Volume (AF) | Total Entitlement (OPTIONAL)<br>See 'DWR Notes' below (AF) |
| Add additional rows as needed                                                                                                                                  |                                                                                |                                                                                        |                                                           |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |
| Surface water (not desalinated)                                                                                                                                | CVP Water Service Contract supply pumped from the Sacramento River             | Potable                                                                                | 18,430                                                    |                                                            | 18,430                           |                                                            | 18,430                           |                                                            | 18,430                           |                                                            | 18,430                           |                                                            |
| Surface water (not desalinated)                                                                                                                                | ACID Long-term transfer supply pumped from the Sacramento River                | Potable                                                                                | 1,800                                                     |                                                            | 1,800                            |                                                            | 1,800                            |                                                            | 0                                |                                                            | 0                                |                                                            |
| Groundwater (not desalinated)                                                                                                                                  | Wells are located in the Enterprise Sub-basin of the Redding Groundwater Basis | Potable                                                                                | 2,660                                                     |                                                            | 2,660                            |                                                            | 3,660                            |                                                            | 3,660                            |                                                            | 4,660                            |                                                            |
|                                                                                                                                                                |                                                                                |                                                                                        |                                                           |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |                                  |                                                            |
| Subtotal Potable                                                                                                                                               |                                                                                |                                                                                        | 22,890                                                    | 0                                                          | 22,890                           | 0                                                          | 23,890                           | 0                                                          | 22,090                           | 0                                                          | 23,090                           | 0                                                          |
| Subtotal Non-Potable                                                                                                                                           |                                                                                |                                                                                        | 0                                                         | 0                                                          | 0                                | 0                                                          | 0                                | 0                                                          | 0                                | 0                                                          | 0                                | 0                                                          |
| Total                                                                                                                                                          |                                                                                |                                                                                        | 22,890                                                    | 0                                                          | 22,890                           | 0                                                          | 23,890                           | 0                                                          | 22,090                           | 0                                                          | 23,090                           | 0                                                          |

**DWR NOTES:**

**Units of measure (AF, CCF, MG)** must remain consistent throughout the UWMP as reported in Submittal Table 2-3.

**Total Entitlement:** e.g. Water Right, Groundwater Allocation, Contracted Amount.

**NOTES:** The "Reasonably Available Volumes" reflect a 25% reduction in available surface water supplies due to reduced water supply availability during dry years. The amount of groundwater available in 2040 and beyond anticipates the construction of new groundwater wells by 2040 and 2050, with each new well capable of producing an additional 1,000 AF of water annually. The ACID Long-term Transfer agreement terminates in 2045.

10631. A plan shall be adopted in accordance with this chapter that shall do all of the following... (b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a), providing supporting and related information, including all of the following

| Optional Submittal Table O-1A: Recommended Energy Reporting - SINGLE DELIVERY PRODUCT - WATER SUPPLY PROCESS APPROACH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|--------------------|--------------------|------------|-----------|--------------|--------------------------------|-------------------------------------------------|-------------|
| Water Delivery Product<br>drop down list<br>(If delivering more than one type of product recommend using Table O-1C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Retail Potable Deliveries | Only for Water Delivery Products Under the Urban Water Supplier's Operational Control |                    |                    |            |           |              |                                |                                                 |             |
| Start Date of Reporting Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1/1/2025                  | Water Management Process                                                              |                    |                    |            |           |              |                                | Non-Consequential Hydropower<br>(if applicable) |             |
| End Date of Reporting Period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13/31/2025                |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
| Is upstream embedded energy included in the values reported?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                        |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                           | Units for Water Volume                                                                | Extract and Divert | Place into Storage | Conveyance | Treatment | Distribution | Total Utility<br>See DWR NOTES | Hydropower                                      | Net Utility |
| Volume of Water Entering Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           | AF                                                                                    | 8,875              |                    |            | 8,052     | 8,052        | 8,875                          |                                                 | 8,875       |
| Energy Consumed (kWh)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           | N/A                                                                                   | 3,956,664          |                    |            | 227,047   | 945,948      | 5,129,659                      |                                                 | 5,129,659   |
| Energy Intensity (kWh/vol. converted to MG)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           | N/A                                                                                   | 1,368              | 0                  | 0          | 87        | 361          | 1,774                          | 0                                               | 1,774       |
| <b>DWR NOTES: Total Utility:</b> The volume of water entered in the "Total Utility" column should equal the volume of water entering the distribution system (excluding recycled water); in most cases, this is the total volume calculated in UWMP Table 4-1: 2025 Actual Total Uses for Potable and Non-Potable Water. Note if recycled water is included in your Submittal Table 4-1, you must exclude it from your volume in this table.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
| <b>Quantity of Self-Generated Renewable Energy</b><br><div>1,257,270 kWh</div> <b>Data Quality</b> (Estimate, Metered Data, Combination of Estimates and Metered Data)<br><div>Metered Data</div> <b>Data Quality Narrative:</b><br>Data was obtained from the District's energy providers (PG&E and Redding Electric Utility) and from the Western Area Power Administration (WAPA) for energy used to pump water from the Sacramento River along with meter readings from the District's solar generation facilities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
| <b>Narrative:</b><br>Surface water is pumped from the Sacramento River using WAPA power. It then flows through the Water Treatment Plant into the distribution system (without being repumped). Well water is similarly pumped out of the ground through treatment facilities into the distribution system (without being repumped). Distribution system pumping boosts the water pressure into pressure zones that are at a higher location than the zones that the surface water and well water are located within. The District has four solar power generation systems. The largest system delivers energy into PG&E's electrical distribution system and the District receives credit for the value of the energy produced that is use to offset energy bills at the District's wells, pump stations and main office. The other three systems are net metering facilities that offset REU energy used on a monthly basis for one distribution system pump station, a recycle pump station within the water treatment plant, and the third offsets energy used at the District's Water Treatment Plant. |                           |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |
| <b>NOTES:</b> Solar generation offsets approximately 25% of the District's total energy use and approximately 86% of all energy use other than the initial pumping from the Sacraento River.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                                                                       |                    |                    |            |           |              |                                |                                                 |             |

10631.2. (a) In addition to the requirements of Section 10631, an urban water management plan shall include any of the following information that the urban water supplier can readily obtain:

- (1) An estimate of the amount of energy used to extract or divert water supplies.
- (2) An estimate of the amount of energy used to convey water supplies to the water treatment plants or distribution systems.
- (3) An estimate of the amount of energy used to treat water supplies.
- (4) An estimate of the amount of energy used to distribute water supplies though its distribution systems.
- (5) An estimate of the amount of energy used for treated water supplies in comparison to the amount used for nontreated water supplies.
- (6) An estimate of the amount of energy used to place water into or withdraw from storage.
- (7) Any other energy-related information the urban water supplier deems appropriate.

10631.2 (b) The Department shall include in its guidance for the preparation of urban water management plans a methodology for the voluntary calculation or estimation of the energy intensity of urban water systems.

**Optional Submittal Table 7-1 Retail: Basis of Water Year Data (Reliability Assessment)**

| Year Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Base Year</b><br>If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 2024-2025, use 2025 | Available Supplies if Year Type Repeats                                                                      |                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   | <input type="checkbox"/>                                                                                     | Check the box if quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.<br><b>Location:</b> [insert location from UWMP] |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   |                                                                                                              |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   |                                                                                                              |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   | Quantification of available supplies is provided in this table as either volume only, percent only, or both. |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                   | Volume Available (AF)                                                                                        | % of Average Supply                                                                                                                                                            |
| Average Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2023                                                                                                                                                              | 29,038                                                                                                       | 100%                                                                                                                                                                           |
| Single-Dry Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2021                                                                                                                                                              | 7,310                                                                                                        | 25%                                                                                                                                                                            |
| Consecutive Dry Years 1st Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2020                                                                                                                                                              | 18,549                                                                                                       | 64%                                                                                                                                                                            |
| Consecutive Dry Years 2nd Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2021                                                                                                                                                              | 7,310                                                                                                        | 25%                                                                                                                                                                            |
| Consecutive Dry Years 3rd Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2022                                                                                                                                                              | 4,294                                                                                                        | 15%                                                                                                                                                                            |
| Consecutive Dry Years 4th Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2020                                                                                                                                                              | 18,549                                                                                                       | 64%                                                                                                                                                                            |
| Consecutive Dry Years 5th Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2021                                                                                                                                                              | 7,044                                                                                                        | 24%                                                                                                                                                                            |
| <p><b>DWR NOTES:</b> Supplier may use multiple versions of Submittal Table 7-1 R if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If a Supplier uses multiple versions of Submittal Table 7-1 R, in the "Note" section of each submittal table, state that multiple versions of Submittal Table 7-1 R are being used and identify the particular water source that is being reported in each submittal table.</p> <p><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table reports the units of measure reported in Submittal Table 2-3.</p> |                                                                                                                                                                   |                                                                                                              |                                                                                                                                                                                |
| <p><b>NOTES:</b> There is no one year that is an "average" year for the District. There are full CVP supply years and there are years with less than a full CVP supply. The year 2023 represents a full supply year.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                   |                                                                                                              |                                                                                                                                                                                |

| Submittal Table 7-2 Retail: Normal Year Supply and Use Comparison<br>Water Code Section 10635 (a)                                          |           |           |           |           |           |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                                                                                                                            | 2030 (AF) | 2035 (AF) | 2040 (AF) | 2045 (AF) | 2050 (AF) |
| Supply totals<br>(autofill from Submittal Table 6-9 R)                                                                                     | 22,890    | 22,890    | 23,890    | 22,090    | 23,090    |
| Use totals<br>(autofill from Submittal Table 4-2 R)                                                                                        | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
| Surplus/(shortfall)                                                                                                                        | 14,088    | 13,937    | 14,783    | 12,826    | 13,665    |
| <b>OPTIONAL Planned WSCP Actions</b>                                                                                                       |           |           |           |           |           |
| WSCP - supply augmentation benefit                                                                                                         |           |           |           |           |           |
| WSCP - use reduction savings benefit                                                                                                       |           |           |           |           |           |
| Revised Surplus/(shortfall)                                                                                                                |           |           |           |           |           |
| <b>DWR NOTES : Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3.           |           |           |           |           |           |
| <b>NOTES:</b> The supply totals in 2045 and 2050 reflect the expiration of the Long-Term Transfer Agreement with ACID in February of 2045. |           |           |           |           |           |

10635. (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment **shall compare the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments, for a normal**

| Submittal Table 7-3 Retail: Single Dry Year Supply and Use Comparison<br>Water Code Section 10635(a)                             |           |           |           |           |           |
|----------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                                                                                                                  | 2030 (AF) | 2035 (AF) | 2040 (AF) | 2045 (AF) | 2050 (AF) |
| Supply totals                                                                                                                    | 7,310     | 8,310     | 8,310     | 9,310     | 9,310     |
| Use totals                                                                                                                       | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
| Surplus/(shortfall)                                                                                                              | (1,492)   | (643)     | (797)     | 45        | (115)     |
| <b>OPTIONAL Planned WSCP Actions</b>                                                                                             |           |           |           |           |           |
| WSCP - supply augmentation benefit                                                                                               |           |           |           |           |           |
| WSCP - use reduction savings benefit                                                                                             | 1,492     | 643       | 797       | 0         | 115       |
| Revised Surplus/(shortfall)                                                                                                      | 0         | 0         | 0         | 45        | 0         |
| <b>DWR NOTES : Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3.</b> |           |           |           |           |           |
| NOTES                                                                                                                            |           |           |           |           |           |

10635. (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment **shall compare the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments**, for a normal water year, a **single dry water year**, and a drought lasting five consecutive water years.

| Submittal Table 7-4 Retail: Multiple Dry Years Supply and Use Comparison<br>Water Code Section 10635(a)                  |                                      |           |           |           |           |           |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                                                                                                          |                                      | 2030 (AF) | 2035 (AF) | 2040 (AF) | 2045 (AF) | 2050 (AF) |
| First year                                                                                                               | Supply totals                        | 19,889    | 19,889    | 19,889    | 20,889    | 20,889    |
|                                                                                                                          | Use totals                           | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
|                                                                                                                          | Surplus/(shortfall)                  | 11,087    | 10,936    | 10,782    | 11,624    | 11,464    |
|                                                                                                                          | <b>OPTIONAL Planned WSCP Actions</b> |           |           |           |           |           |
|                                                                                                                          | WSCP - supply augmentation benefit   |           |           |           |           |           |
|                                                                                                                          | WSCP - use reduction savings benefit |           |           |           |           |           |
|                                                                                                                          | Revised Surplus/(shortfall)          |           |           |           |           |           |
| Second year                                                                                                              | Supply totals                        | 7,150     | 7,150     | 7,150     | 8,150     | 8,150     |
|                                                                                                                          | Use totals                           | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
|                                                                                                                          | Surplus/(shortfall)                  | (1,652)   | (1,803)   | (1,957)   | (1,115)   | (1,275)   |
|                                                                                                                          | <b>OPTIONAL WSCP Actions</b>         |           |           |           |           |           |
|                                                                                                                          | WSCP - supply augmentation benefit   |           |           |           |           |           |
|                                                                                                                          | WSCP - use reduction savings benefit |           |           |           |           |           |
|                                                                                                                          | Revised Surplus/(shortfall)          |           |           |           |           |           |
| Third year                                                                                                               | Supply totals                        | 4,600     | 4,600     | 4,600     | 5,600     | 5,600     |
|                                                                                                                          | Use totals                           | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
|                                                                                                                          | Surplus/(shortfall)                  | (4,202)   | (4,353)   | (4,507)   | (3,665)   | (3,825)   |
|                                                                                                                          | <b>OPTIONAL Planned WSCP Actions</b> |           |           |           |           |           |
|                                                                                                                          | WSCP - supply augmentation benefit   |           |           |           |           |           |
|                                                                                                                          | WSCP - use reduction savings benefit |           |           |           |           |           |
|                                                                                                                          | Revised Surplus/(shortfall)          |           |           |           |           |           |
| Fourth year                                                                                                              | Supply totals                        | 19,289    | 19,289    | 19,289    | 20,289    | 20,289    |
|                                                                                                                          | Use totals                           | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
|                                                                                                                          | Surplus/(shortfall)                  | 10,487    | 10,336    | 10,182    | 11,024    | 10,864    |
|                                                                                                                          | <b>OPTIONAL Planned WSCP Actions</b> |           |           |           |           |           |
|                                                                                                                          | WSCP - supply augmentation benefit   |           |           |           |           |           |
|                                                                                                                          | WSCP - use reduction savings benefit |           |           |           |           |           |
|                                                                                                                          | Revised Surplus/(shortfall)          |           |           |           |           |           |
| Fifth year                                                                                                               | Supply totals                        | 6,250     | 7,250     | 7,250     | 8,250     | 8,250     |
|                                                                                                                          | Use totals                           | 8,802     | 8,953     | 9,107     | 9,265     | 9,425     |
|                                                                                                                          | Surplus/(shortfall)                  | (2,552)   | (1,703)   | (1,857)   | (1,015)   | (1,175)   |
|                                                                                                                          | <b>OPTIONAL Planned WSCP Actions</b> |           |           |           |           |           |
|                                                                                                                          | WSCP - supply augmentation benefit   |           |           |           |           |           |
|                                                                                                                          | WSCP - use reduction savings benefit |           |           |           |           |           |
|                                                                                                                          | Revised Surplus/(shortfall)          |           |           |           |           |           |
| DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. |                                      |           |           |           |           |           |
| NOTES:                                                                                                                   |                                      |           |           |           |           |           |

10635. (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment **shall compare the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments**, for a normal water year, a single dry water

**Submittal Table 7-5 Retail: Five-Year Drought Risk Assessment  
Water Code Section 10635(b)(3)**

| <b>2026</b>                                                                                                                     | <b>Total</b> |
|---------------------------------------------------------------------------------------------------------------------------------|--------------|
| Total Water Use (AF)                                                                                                            | 8,690        |
| Total Supplies (AF)                                                                                                             | 18,549       |
| Surplus/Shortfall w/o WSCP Action                                                                                               | 9,859        |
| <b>OPTIONAL Planned WSCP Actions</b> (use reduction and supply augmentation)                                                    |              |
| WSCP - supply augmentation benefit (AF)                                                                                         |              |
| WSCP - use reduction savings benefit (AF)                                                                                       |              |
| Revised Surplus/(shortfall)                                                                                                     |              |
| <b>2027</b>                                                                                                                     | <b>Total</b> |
| Total Water Use (AF)                                                                                                            | 8,724        |
| Total Supplies (AF)                                                                                                             | 7,310        |
| Surplus/Shortfall w/o WSCP Action                                                                                               | (1,414)      |
| <b>OPTIONAL Planned WSCP Actions</b> (use reduction and supply augmentation)                                                    |              |
| WSCP - supply augmentation benefit (AF)                                                                                         |              |
| WSCP - use reduction savings benefit (AF)                                                                                       | 1,414        |
| Revised Surplus/(shortfall)                                                                                                     | 0            |
| <b>2028</b>                                                                                                                     | <b>Total</b> |
| Total Water Use (AF)                                                                                                            | 8,759        |
| Total Supplies (AF)                                                                                                             | 4,294        |
| Surplus/Shortfall w/o WSCP Action                                                                                               | (4,465)      |
| <b>OPTIONAL Planned WSCP Actions</b> (use reduction and supply augmentation)                                                    |              |
| WSCP - supply augmentation benefit (AF)                                                                                         |              |
| WSCP - use reduction savings benefit (AF)                                                                                       | 4,465        |
| Revised Surplus/(shortfall)                                                                                                     | 0            |
| <b>2029</b>                                                                                                                     | <b>Total</b> |
| Total Water Use (AF)                                                                                                            | 8,794        |
| Total Supplies (AF)                                                                                                             | 18,549       |
| Surplus/Shortfall w/o WSCP Action                                                                                               | 9,755        |
| <b>OPTIONAL Planned WSCP Actions</b> (use reduction and supply augmentation)                                                    |              |
| WSCP - supply augmentation benefit (AF)                                                                                         |              |
| WSCP - use reduction savings benefit (AF)                                                                                       |              |
| Revised Surplus/(shortfall)                                                                                                     |              |
| <b>2030</b>                                                                                                                     | <b>Total</b> |
| Total Water Use (AF)                                                                                                            | 8,829        |
| Total Supplies (AF)                                                                                                             | 7,044        |
| Surplus/Shortfall w/o WSCP Action                                                                                               | (1,785)      |
| <b>OPTIONAL Planned WSCP Actions</b> (use reduction and supply augmentation)                                                    |              |
| WSCP - supply augmentation benefit (AF)                                                                                         |              |
| WSCP - use reduction savings benefit (AF)                                                                                       | 1,785        |
| Revised Surplus/(shortfall)                                                                                                     | 0            |
| <b>DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3.</b> |              |
| <b>NOTES:</b>                                                                                                                   |              |

**Submittal Table 8-1: Cross-reference for Standard vs  
Supplier Shortage Levels  
Water Code Section 10632(a)(3)(B)**



Check the box if the Supplier uses the Standard  
six levels of water shortage.  
Proceed to the next table.

| Standard<br>Shortage<br>Levels | Percent Shortage<br>Range | Suppliers<br>Shortage<br>Levels | Percent<br>Shortage Range |
|--------------------------------|---------------------------|---------------------------------|---------------------------|
| 1                              | Up to 10%                 |                                 |                           |
| 2                              | Up to 20%                 |                                 |                           |
| 3                              | Up to 30%                 |                                 |                           |
| 4                              | Up to 40%                 |                                 |                           |
| 5                              | Up to 50%                 |                                 |                           |
| 6                              | >50%                      |                                 |                           |

**NOTES:**

| Submittal Table 8-2 Retail: Supply Augmentation and Other Actions                                                               |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Water Code Section 10632(a)(4)(A),(C) and (E)                                                                                   |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
| Yes                                                                                                                             | Is the Supplier completing this table using the standard six levels? (yes/no)                                                                                                     |                                                    |                                                    |                                                                                                                                               |
| Shortage Level                                                                                                                  | Supply Augmentation Methods and Other Actions by Water Supplier<br><br>Drop down list<br>These are the only categories that will be accepted by the WUEdata online submittal tool | How much is this going to reduce the shortage gap? |                                                    | Additional Explanation or Reference (OPTIONAL)                                                                                                |
|                                                                                                                                 |                                                                                                                                                                                   | Volume or Percentage Drop down                     | Shortage Gap Reduction Value (May be a range) (AF) |                                                                                                                                               |
| Add additional rows as needed                                                                                                   |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
| 2 and above                                                                                                                     | Transfers                                                                                                                                                                         |                                                    | up to 3,000 AF                                     | Transfer quantities depend on availability and price.                                                                                         |
| 2 and above                                                                                                                     | Other Actions (describe)                                                                                                                                                          |                                                    | up to 3,000 AF                                     | Run wells as needed                                                                                                                           |
| 3 and above                                                                                                                     | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                           |                                                    | Varies                                             | The usage level that the drought exceedence penalty will kick in at and the penalty charge will vary depending on the severity of the drought |
|                                                                                                                                 |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
|                                                                                                                                 |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
|                                                                                                                                 |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
|                                                                                                                                 |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
| <b>DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3.</b> |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |
| NOTES:                                                                                                                          |                                                                                                                                                                                   |                                                    |                                                    |                                                                                                                                               |

10632(a)(4) Shortage response actions that align with the defined shortage levels and include, at a minimum, all of the following:

(A) Locally appropriate supply augmentation actions.

(C) Locally appropriate operational changes.

(E) For each action, an estimate of the extent to which the gap between supplies and demand will be reduced by implementation of the action.

**Submittal Table 8-3 Retail: Demand Reduction Actions**  
**Water Code Section 10632(a)(4)(B),(D), and E**

| Yes                                                                                                                             | Is the Supplier completing this table using the standard six levels? (yes/no)                                                                                           |                                                    |                                                    |                                                                                                                                                                                     |                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Shortage Level                                                                                                                  | Demand Reduction Actions<br><b>Drop down list</b><br>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply. | How much is this going to reduce the shortage gap? |                                                    | Additional Explanation or Reference (OPTIONAL)                                                                                                                                      | Penalty, Charge, or Other Enforcement?<br><b>For Retail Suppliers Only</b><br>Drop Down List |
|                                                                                                                                 |                                                                                                                                                                         | Volume or Percentage Drop down                     | Shortage Gap Reduction Value (May be a range) (AF) |                                                                                                                                                                                     |                                                                                              |
| Add additional rows as needed                                                                                                   |                                                                                                                                                                         |                                                    |                                                    |                                                                                                                                                                                     |                                                                                              |
| 1                                                                                                                               | Expand Public Information Campaign                                                                                                                                      | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | No                                                                                           |
| 1                                                                                                                               | Landscape - Restrict or prohibit runoff from landscape irrigation                                                                                                       | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 1                                                                                                                               | Landscape - Limit landscape irrigation to specific times                                                                                                                | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 1                                                                                                                               | Other - Require automatic shut of hoses                                                                                                                                 | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 1                                                                                                                               | Other water feature or swimming pool restriction                                                                                                                        | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    | Must be equipped with a recirculation pump and be leakproof                                                                                                                         | Yes                                                                                          |
| 1                                                                                                                               | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner                                                                                        | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 1                                                                                                                               | Other - Prohibit use of potable water for washing hard surfaces                                                                                                         | 0% to 10% for all of the Level 1 DRAs combined.    |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 2                                                                                                                               | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                 | 10% to 20% for all of the Level 2 DRAs combined.   |                                                    | May adopt penalty rates for usage above customers' allocations.                                                                                                                     | Yes                                                                                          |
| 2                                                                                                                               | Landscape - Other landscape restriction or prohibition                                                                                                                  | 10% to 20% for all of the Level 2 DRAs combined.   |                                                    | Adjust smart controllers to 90 to 95% of ET                                                                                                                                         | No                                                                                           |
| 2                                                                                                                               | CII - Lodging establishment must offer opt out of linen service                                                                                                         | 10% to 20% for all of the Level 2 DRAs combined.   |                                                    |                                                                                                                                                                                     | No                                                                                           |
| 2                                                                                                                               | CII - Restaurants may only serve water upon request                                                                                                                     | 10% to 20% for all of the Level 2 DRAs combined.   |                                                    |                                                                                                                                                                                     | No                                                                                           |
| 3                                                                                                                               | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                 | 20% to 30% for all of the Level 3 DRAs combined.   |                                                    | May adopt penalty rates for usage above customers' allocations. If penalties were adopted at Satge 2, may adjust penalty rates or allocations above which the penalty rate applies. | Yes                                                                                          |
| 3                                                                                                                               | Landscape - Other landscape restriction or prohibition                                                                                                                  | 20% to 30% for all of the Level 3 DRAs combined.   |                                                    | Adjust smart controllers to 90 to 75% of ET                                                                                                                                         | No                                                                                           |
| 3                                                                                                                               | Decrease Line Flushing                                                                                                                                                  | 20% to 30% for all of the Level 3 DRAs combined.   |                                                    |                                                                                                                                                                                     | No                                                                                           |
| 4                                                                                                                               | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                 | 30% to 40% for all of the Level 4 DRAs combined.   |                                                    | May adjust penalty rates or allocations above which the penalty rate applies.                                                                                                       | Yes                                                                                          |
| 4                                                                                                                               | Landscape - Other landscape restriction or prohibition                                                                                                                  | 30% to 40% for all of the Level 4 DRAs combined.   |                                                    | Installation of new or landscaping is prohibited                                                                                                                                    | Yes                                                                                          |
| 4                                                                                                                               | Other water feature or swimming pool restriction                                                                                                                        | 30% to 40% for all of the Level 4 DRAs combined.   |                                                    | Wate for water features prohibited unless required to support aquatic life                                                                                                          | Yes                                                                                          |
| 4                                                                                                                               | Other                                                                                                                                                                   | 30% to 40% for all of the Level 4 DRAs combined.   |                                                    | New connections allowed but with water limited to PH&S needs                                                                                                                        | Yes                                                                                          |
| 4                                                                                                                               | Landscape - Prohibit certain types of landscape irrigation                                                                                                              | 30% to 40% for all of the Level 4 DRAs combined.   |                                                    | Irrigation of street medians with potable water is prohibited                                                                                                                       | Yes                                                                                          |
| 5                                                                                                                               | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                 | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    | May adjust penalty rates or allocations above which the penalty rate applies.                                                                                                       | Yes                                                                                          |
| 5                                                                                                                               | Other water feature or swimming pool restriction                                                                                                                        | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    | Water use for ornamental ponds and fountains is prohibited                                                                                                                          | Yes                                                                                          |
| 5                                                                                                                               | Landscape - Other landscape restriction or prohibition                                                                                                                  | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 5                                                                                                                               | Other - Prohibit use of potable water for construction and dust control                                                                                                 | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 5                                                                                                                               | Other - Prohibit vehicle washing except at facilities using recycled or recirculating water                                                                             | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 5                                                                                                                               | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner                                                                                        | 40% to 50% for all of the Level 5 DRAs combined.   |                                                    | Within 24 hours                                                                                                                                                                     | Yes                                                                                          |
| 6                                                                                                                               | Implement or Modify Drought Rate Structure or Surcharge                                                                                                                 | 50% to 60% for all of the Level 6 DRAs combined.   |                                                    | May adjust penalty rates or allocations above which the penalty rate applies.                                                                                                       | Yes                                                                                          |
| 6                                                                                                                               | Landscape - Prohibit all landscape irrigation                                                                                                                           | 50% to 60% for all of the Level 6 DRAs combined.   |                                                    |                                                                                                                                                                                     | Yes                                                                                          |
| 6                                                                                                                               | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner                                                                                        | 50% to 60% for all of the Level 6 DRAs combined.   |                                                    | Immediately                                                                                                                                                                         | Yes                                                                                          |
| 6                                                                                                                               | Moratorium or Net Zero Demand Increase on New Connections                                                                                                               | 50% to 60% for all of the Level 6 DRAs combined.   |                                                    | Moratorium on commitments to provide service for new water service connections                                                                                                      | No                                                                                           |
| <b>DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3.</b> |                                                                                                                                                                         |                                                    |                                                    |                                                                                                                                                                                     |                                                                                              |
| NOTES:                                                                                                                          |                                                                                                                                                                         |                                                    |                                                    |                                                                                                                                                                                     |                                                                                              |

**Submittal Table 10-1 Retail: Notification to Cities and Counties  
Water Code Section 10621(b) and 10642**

| City Name                     | 60 Day Notice<br>Drop Down (yes/no) | Notice of Public<br>Hearing<br>Drop Down (yes/no) |
|-------------------------------|-------------------------------------|---------------------------------------------------|
| Add additional rows as needed |                                     |                                                   |
| City of Redding               | Yes                                 | Yes                                               |
| City of Shasta Lake           | Yes                                 | Yes                                               |
|                               |                                     |                                                   |
| County Name<br>Drop Down List | 60 Day Notice<br>Drop Down (yes/no) | Notice of Public<br>Hearing<br>Drop Down (yes/no) |
| Add additional rows as needed |                                     |                                                   |
| Shasta County                 | Yes                                 | Yes                                               |
|                               |                                     |                                                   |
| <b>NOTES:</b>                 |                                     |                                                   |

CWC 10621 (b) Notify at least 60 days prior to the public hearing any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.

CWC 10642 The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water.



**SB X7-7 Table 0: Units of Measure Used in UWMP**  
**Water Code Section 10608.20 (e) and 10608.20(h)(1)(2)**  
(select one from the drop down list)

Acre Feet

The unit of measure must be consistent throughout the UWMP, as reported in Submittal Table 2-3.

NOTES:

**SB X7-7 Table 2: Method for Population Estimate**  
**Water Code Section 10608.20 (e) and 10608.20(h)(1)(2)**

**Method Used to Determine 2025 Population**  
(may check more than one)

☐

**1. Department of Finance (DOF) or  
American Community Survey (ACS)**

☒

**2. Persons-per-Connection Method**

☐

**3. DWR Population Tool**

☐

**4. Other**  
DWR recommends pre-review

NOTES:

**SB X7-7 Table 3: Service Area Population**  
**Water Code Section 10608.20 (e) and**  
**10608.20(h)(1)(2)**

**2025 Compliance Year Population**

**2025**

18,553

NOTES:

**SB X7-7 Table 4: Gross Water Use**  
**Water Code Section 10608.20 (e) and 10608.20(h)(1)(2)**

| Compliance<br>Year 2025 | 2025 Volume<br>Into<br>Distribution<br>System<br><br>This column will<br>remain blank until<br>SB X7-7 Table 4-A is<br>completed. | 2025 Deductions   |                                               |                                                                                                                      |                                               |                                                                                                      | 2025 Gross<br>Water Use |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------|
|                         |                                                                                                                                   | Exported<br>Water | Change in<br>Dist. System<br>Storage<br>(+/-) | Indirect<br>Recycled<br>Water<br><br>This column will<br>remain blank<br>until SB X7-7<br>Table 4-B is<br>completed. | Water<br>Delivered for<br>Agricultural<br>Use | Process Water<br><br>This column will<br>remain blank<br>until SB X7-7<br>Table 4-D is<br>completed. |                         |
|                         | 8,436                                                                                                                             |                   |                                               | -                                                                                                                    |                                               | -                                                                                                    | 8,436                   |

**DWR NOTES:** Units of measure (AF, MG , or CCF) must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.

NOTES:

**SB X7-7 Table 4-A: Volume Entering the Distribution System(s), Meter Error Adjustment****Water Code Section 10608.20 (e) and 10608.20(h)(1)(2)**

Complete one table for each source.

|                                                                                                                                                                                                                                                             |                                        |                                                |                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------|-----------------------------------------------------|
| <b>Name of Source</b>                                                                                                                                                                                                                                       | Sacramento River                       |                                                |                                                     |
| <b>This water source is (check one):</b>                                                                                                                                                                                                                    |                                        |                                                |                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                         | The supplier's own water source        |                                                |                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                    | A purchased or imported source         |                                                |                                                     |
| <b>Compliance Year<br/>2025</b>                                                                                                                                                                                                                             | Volume Entering<br>Distribution System | Meter Error<br>Adjustment<br>Optional<br>(+/-) | Corrected Volume<br>Entering<br>Distribution System |
|                                                                                                                                                                                                                                                             | 8,052                                  | -                                              | 8,052                                               |
| <b>DWR NOTES: Units of measure (AF, MG , or CCF)</b> must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.<br><b>Meter Error Adjustment</b> - See guidance in Methodology 1, Step 3 of Methodologies Document |                                        |                                                |                                                     |
| NOTES                                                                                                                                                                                                                                                       |                                        |                                                |                                                     |

**SB X7-7 Table 4-A: 2025 Volume Entering the Distribution System(s), Meter Error Adjustment****Water Code Section 10608.20 (e) and 10608.20(h)(1)(2)**

Complete one table for each source.

|                                                                                                                                                                                                                                                             |                                        |                                                |                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------|-----------------------------------------------------|
| <b>Name of Source</b>                                                                                                                                                                                                                                       | Groundwater Wells                      |                                                |                                                     |
| <b>This water source is (check one):</b>                                                                                                                                                                                                                    |                                        |                                                |                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                         | The supplier's own water source        |                                                |                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                    | A purchased or imported source         |                                                |                                                     |
| <b>Compliance Year<br/>2025</b>                                                                                                                                                                                                                             | Volume Entering<br>Distribution System | Meter Error<br>Adjustment<br>Optional<br>(+/-) | Corrected Volume<br>Entering<br>Distribution System |
|                                                                                                                                                                                                                                                             | 385                                    |                                                | 385                                                 |
| <b>DWR NOTES: Units of measure (AF, MG , or CCF)</b> must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.<br><b>Meter Error Adjustment</b> - See guidance in Methodology 1, Step 3 of Methodologies Document |                                        |                                                |                                                     |
| NOTES:                                                                                                                                                                                                                                                      |                                        |                                                |                                                     |

| SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)<br>Water Code Section 10608.20 (e) and 10608.20 (h)(1)(2) |                                       |           |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|
| 2025 Gross Water<br>Fm SB X7-7 Table 4                                                                       | 2025 Population Fm<br>SB X7-7 Table 3 | 2025 GPCD |
| 8,436                                                                                                        | 18,553                                | 406       |
| NOTES:                                                                                                       |                                       |           |

**SB X7-7 Table 9: 2025 Compliance**  
**Water Code Section 10608.24(d)**

| Actual 2025<br>GPCD | Optional Adjustments to 2025 GPCD |                                    |                                  |                      |                                                   | 2020 Target | Did Supplier<br>Achieve<br>Targeted<br>Reduction for<br>2025? |
|---------------------|-----------------------------------|------------------------------------|----------------------------------|----------------------|---------------------------------------------------|-------------|---------------------------------------------------------------|
|                     | Enter "0" if Adjustment Not Used  |                                    |                                  | TOTAL<br>Adjustments | Adjusted 2025<br>GPCD (Adjusted<br>if applicable) |             |                                                               |
|                     | Extraordinary<br>Events<br>(GPCD) | Weather<br>Normalization<br>(GPCD) | Economic<br>Adjustment<br>(GPCD) |                      |                                                   |             |                                                               |
| 406                 |                                   | -                                  | -                                | -                    | 406                                               | 758         | YES                                                           |

**DWR NOTES:** All values are reported in GPCD  
Suppliers that had a merger or consolidation since 2020 may use a population weighted average 2020 target. See Section P.1.2.1 of Appendix P.

**DWR NOTES:** All values are reported in GPCD  
Suppliers that had a merger or consolidation since 2020 may use a population weighted average 2020 target. See Section P.1.2.1 of Appendix P.

NOTES:

**SB X7-7 Table 0: Units of Measure Used in UWMP\***

*(select one from the drop down list)*

Acre Feet

*\*The unit of measure must be consistent with Table 2-3*

NOTES:

**SB X7-7 Table-1: Baseline Period Ranges**

| Baseline                          | Parameter                                            | Value  | Units     |
|-----------------------------------|------------------------------------------------------|--------|-----------|
| 10- to 15-year<br>baseline period | 2008 total water deliveries                          | 14,483 | Acre Feet |
|                                   | 2008 total volume of delivered recycled water        | -      | Acre Feet |
|                                   | 2008 recycled water as a percent of total deliveries | 0.00%  | Percent   |
|                                   | Number of years in baseline period <sup>1, 2</sup>   | 10     | Years     |
|                                   | Year beginning baseline period range                 | 1996   |           |
|                                   | Year ending baseline period range <sup>3</sup>       | 2005   |           |
| 5-year<br>baseline period         | Number of years in baseline period                   | 5      | Years     |
|                                   | Year beginning baseline period range                 | 2003   |           |
|                                   | Year ending baseline period range <sup>4</sup>       | 2007   |           |

<sup>1</sup> If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period. <sup>2</sup> The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.

<sup>3</sup> The ending year must be between December 31, 2004 and December 31, 2010.

<sup>4</sup> The ending year must be between December 31, 2007 and December 31, 2010.

NOTES:

**SB X7-7 Table 2: Method for Population Estimates**

| Method Used to Determine Population<br>(may check more than one)                                |                                                                                                                                        |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/>                                                             | <b>1. Department of Finance (DOF)</b><br>DOF Table E-8 (1990 - 2000) and (2000-2010) and<br>DOF Table E-5 (2011 - 2015) when available |
| <input type="checkbox"/>                                                                        | <b>2. Persons-per-Connection Method</b>                                                                                                |
| <input type="checkbox"/>                                                                        | <b>3. DWR Population Tool</b>                                                                                                          |
| <input type="checkbox"/>                                                                        | <b>4. Other</b><br>DWR recommends pre-review                                                                                           |
| NOTES: For years between census years a linear interpolation using census data was implemented. |                                                                                                                                        |

**SB X7-7 Table 3: Service Area Population**

| Year                              |      | Population |
|-----------------------------------|------|------------|
| 10 to 15 Year Baseline Population |      |            |
| Year 1                            | 1996 | 14,595     |
| Year 2                            | 1997 | 14,811     |
| Year 3                            | 1998 | 15,027     |
| Year 4                            | 1999 | 15,243     |
| Year 5                            | 2000 | 15,459     |
| Year 6                            | 2001 | 15,675     |
| Year 7                            | 2002 | 15,891     |
| Year 8                            | 2003 | 16,107     |
| Year 9                            | 2004 | 16,323     |
| Year 10                           | 2005 | 16,539     |
| Year 11                           |      |            |
| Year 12                           |      |            |
| Year 13                           |      |            |
| Year 14                           |      |            |
| Year 15                           |      |            |
| 5 Year Baseline Population        |      |            |
| Year 1                            | 2003 | 16,107     |
| Year 2                            | 2004 | 16,323     |
| Year 3                            | 2005 | 16,539     |
| Year 4                            | 2006 | 16,755     |
| Year 5                            | 2007 | 16,971     |
| 2015 Compliance Year Population   |      |            |
| 2015                              |      | 18,426     |
| NOTES:                            |      |            |

**SB X7-7 Table 4: Annual Gross Water Use \***

| Baseline Year<br><i>Fm SB X7-7 Table 3</i>    |      | Volume Into<br>Distribution<br>System<br><i>This column will<br/>remain blank<br/>until SB X7-7<br/>Table 4-A is<br/>completed.</i> | Deductions        |                                               |                                                                                                                             |                                               |                                                                                                             | Annual<br>Gross<br>Water Use |
|-----------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------|
|                                               |      |                                                                                                                                     | Exported<br>Water | Change in<br>Dist. System<br>Storage<br>(+/-) | Indirect<br>Recycled<br>Water<br><i>This column will<br/>remain blank<br/>until SB X7-7<br/>Table 4-B is<br/>completed.</i> | Water<br>Delivered for<br>Agricultural<br>Use | Process Water<br><i>This column will<br/>remain blank<br/>until SB X7-7<br/>Table 4-D is<br/>completed.</i> |                              |
| 10 to 15 Year Baseline - Gross Water Use      |      |                                                                                                                                     |                   |                                               |                                                                                                                             |                                               |                                                                                                             |                              |
| Year 1                                        | 1996 | 14,817                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 14,817                       |
| Year 2                                        | 1997 | 16,317                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 16,317                       |
| Year 3                                        | 1998 | 13,795                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 13,795                       |
| Year 4                                        | 1999 | 16,371                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 16,371                       |
| Year 5                                        | 2000 | 14,827                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 14,827                       |
| Year 6                                        | 2001 | 17,472                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 17,472                       |
| Year 7                                        | 2002 | 19,384                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 19,384                       |
| Year 8                                        | 2003 | 18,126                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 18,126                       |
| Year 9                                        | 2004 | 18,817                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 18,817                       |
| Year 10                                       | 2005 | 15,413                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 15,413                       |
| <i>Year 11</i>                                | 0    | -                                                                                                                                   |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | -                            |
| <i>Year 12</i>                                | 0    | -                                                                                                                                   |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | -                            |
| <i>Year 13</i>                                | 0    | -                                                                                                                                   |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | -                            |
| <i>Year 14</i>                                | 0    | -                                                                                                                                   |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | -                            |
| <i>Year 15</i>                                | 0    | -                                                                                                                                   |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | -                            |
| 10 - 15 year baseline average gross water use |      |                                                                                                                                     |                   |                                               |                                                                                                                             |                                               |                                                                                                             | 16,534                       |
| 5 Year Baseline - Gross Water Use             |      |                                                                                                                                     |                   |                                               |                                                                                                                             |                                               |                                                                                                             |                              |
| Year 1                                        | 2003 | 14,827                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 14,827                       |
| Year 2                                        | 2004 | 17,472                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 17,472                       |
| Year 3                                        | 2005 | 19,384                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 19,384                       |
| Year 4                                        | 2006 | 18,126                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 18,126                       |
| Year 5                                        | 2007 | 18,817                                                                                                                              |                   |                                               | -                                                                                                                           |                                               | -                                                                                                           | 18,817                       |
| 5 year baseline average gross water use       |      |                                                                                                                                     |                   |                                               |                                                                                                                             |                                               |                                                                                                             | 17,725                       |
| 2015 Compliance Year - Gross Water Use        |      |                                                                                                                                     |                   |                                               |                                                                                                                             |                                               |                                                                                                             |                              |
| 2015                                          |      | 6,913                                                                                                                               | -                 |                                               | -                                                                                                                           |                                               | -                                                                                                           | 6,913                        |

\* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3

|        |
|--------|
| NOTES: |
|--------|

**SB X7-7 Table 4-A: Volume Entering the Distribution System(s)**

Complete one table for each source.

|                                                                                            |                                            |                                                         |                                                      |        |
|--------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------|------------------------------------------------------|--------|
| <b>Name of Source</b>                                                                      |                                            | CVP Water - Sacramento River                            |                                                      |        |
| <b>This water source is: USBR Contract Water</b>                                           |                                            |                                                         |                                                      |        |
| <input checked="" type="checkbox"/>                                                        | The supplier's own water source            |                                                         |                                                      |        |
| <input type="checkbox"/>                                                                   | A purchased or imported source             |                                                         |                                                      |        |
| <b>Baseline Year</b><br><i>Fm SB X7-7 Table 3</i>                                          | <b>Volume Entering Distribution System</b> | <b>Meter Error Adjustment*</b><br><i>Optional (+/-)</i> | <b>Corrected Volume Entering Distribution System</b> |        |
| <b>10 to 15 Year Baseline - Water into Distribution System</b>                             |                                            |                                                         |                                                      |        |
| Year 1                                                                                     | 1996                                       | 14,305.00                                               |                                                      | 14,305 |
| Year 2                                                                                     | 1997                                       | 14,623.00                                               |                                                      | 14,623 |
| Year 3                                                                                     | 1998                                       | 12,169.00                                               |                                                      | 12,169 |
| Year 4                                                                                     | 1999                                       | 15,326.00                                               |                                                      | 15,326 |
| Year 5                                                                                     | 2000                                       | 13,769.00                                               |                                                      | 13,769 |
| Year 6                                                                                     | 2001                                       | 16,211.00                                               |                                                      | 16,211 |
| Year 7                                                                                     | 2002                                       | 18,064.00                                               |                                                      | 18,064 |
| Year 8                                                                                     | 2003                                       | 12,070.00                                               |                                                      | 12,070 |
| Year 9                                                                                     | 2004                                       | 12,665.00                                               |                                                      | 12,665 |
| Year 10                                                                                    | 2005                                       | 8,896.00                                                |                                                      | 8,896  |
| Year 11                                                                                    | 0                                          |                                                         |                                                      | -      |
| Year 12                                                                                    | 0                                          |                                                         |                                                      | -      |
| Year 13                                                                                    | 0                                          |                                                         |                                                      | -      |
| Year 14                                                                                    | 0                                          |                                                         |                                                      | -      |
| Year 15                                                                                    | 0                                          |                                                         |                                                      | -      |
| <b>5 Year Baseline - Water into Distribution System</b>                                    |                                            |                                                         |                                                      |        |
| Year 1                                                                                     | 2003                                       | 12,070.00                                               |                                                      | 12,070 |
| Year 2                                                                                     | 2004                                       | 12,665.00                                               |                                                      | 12,665 |
| Year 3                                                                                     | 2005                                       | 8,896.00                                                |                                                      | 8,896  |
| Year 4                                                                                     | 2006                                       | 10,237                                                  |                                                      | 10,237 |
| Year 5                                                                                     | 2007                                       | 10,462                                                  |                                                      | 10,462 |
| <b>2015 Compliance Year - Water into Distribution System</b>                               |                                            |                                                         |                                                      |        |
| <b>2015</b>                                                                                |                                            | 2,478                                                   |                                                      | 2,478  |
| * Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document |                                            |                                                         |                                                      |        |
| NOTES: Meter error adjustments are included in calculations                                |                                            |                                                         |                                                      |        |

| SB X7-7 Table 4-A: Volume Entering the Distribution                                        |                                              |                                                        |                                                           |       |
|--------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|-------|
| Name of Source                                                                             |                                              | Wells 1,2,3,4,6                                        |                                                           |       |
| This water source is: Groundwater                                                          |                                              |                                                        |                                                           |       |
| <input checked="" type="checkbox"/>                                                        | The supplier's own water source              |                                                        |                                                           |       |
| <input type="checkbox"/>                                                                   | A purchased or imported source               |                                                        |                                                           |       |
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>                                                 | Volume<br>Entering<br>Distribution<br>System | Meter Error<br>Adjustment*<br><i>Optional</i><br>(+/-) | Corrected<br>Volume<br>Entering<br>Distribution<br>System |       |
| 10 to 15 Year Baseline - Water into Distribution System                                    |                                              |                                                        |                                                           |       |
| Year 1                                                                                     | 1996                                         | 497.00                                                 |                                                           | 497   |
| Year 2                                                                                     | 1997                                         | 1,193.00                                               |                                                           | 1,193 |
| Year 3                                                                                     | 1998                                         | 1,125.00                                               |                                                           | 1,125 |
| Year 4                                                                                     | 1999                                         | 467.00                                                 |                                                           | 467   |
| Year 5                                                                                     | 2000                                         | 480.00                                                 |                                                           | 480   |
| Year 6                                                                                     | 2001                                         | 802.00                                                 |                                                           | 802   |
| Year 7                                                                                     | 2002                                         | 741.00                                                 |                                                           | 741   |
| Year 8                                                                                     | 2003                                         | 619.70                                                 |                                                           | 620   |
| Year 9                                                                                     | 2004                                         | 752.00                                                 |                                                           | 752   |
| Year 10                                                                                    | 2005                                         | 1,600.00                                               |                                                           | 1,600 |
| Year 11                                                                                    | 0                                            |                                                        |                                                           | 0     |
| Year 12                                                                                    | 0                                            |                                                        |                                                           | 0     |
| Year 13                                                                                    | 0                                            |                                                        |                                                           | 0     |
| Year 14                                                                                    | 0                                            |                                                        |                                                           | 0     |
| Year 15                                                                                    | 0                                            |                                                        |                                                           | 0     |
| 5 Year Baseline - Water into Distribution System                                           |                                              |                                                        |                                                           |       |
| Year 1                                                                                     | 2003                                         | 619.70                                                 |                                                           | 620   |
| Year 2                                                                                     | 2004                                         | 752.00                                                 |                                                           | 752   |
| Year 3                                                                                     | 2005                                         | 1,600.00                                               |                                                           | 1,600 |
| Year 4                                                                                     | 2006                                         | 1,296.00                                               |                                                           | 1,296 |
| Year 5                                                                                     | 2007                                         | 177.00                                                 |                                                           | 177   |
| 2015 Compliance Year - Water into Distribution System                                      |                                              |                                                        |                                                           |       |
| 2015                                                                                       | 1,535                                        |                                                        |                                                           | 1,535 |
| * Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document |                                              |                                                        |                                                           |       |
| NOTES:                                                                                     |                                              |                                                        |                                                           |       |

| SB X7-7 Table 4-A: Volume Entering the Distribution                                        |                                     |                                                  |                                               |       |
|--------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------|-----------------------------------------------|-------|
| Name of Source                                                                             |                                     | Interties and Transfers                          |                                               |       |
| This water source is: Surface Water purchased or imported                                  |                                     |                                                  |                                               |       |
| <input type="checkbox"/>                                                                   | The supplier's own water source     |                                                  |                                               |       |
| <input checked="" type="checkbox"/>                                                        | A purchased or imported source      |                                                  |                                               |       |
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>                                                 | Volume Entering Distribution System | Meter Error Adjustment*<br><i>Optional (+/-)</i> | Corrected Volume Entering Distribution System |       |
| 10 to 15 Year Baseline - Water into Distribution System                                    |                                     |                                                  |                                               |       |
| Year 1                                                                                     | 1,996                               | 15                                               |                                               | 15    |
| Year 2                                                                                     | 1,997                               | 501.45                                           |                                               | 501   |
| Year 3                                                                                     | 1,998                               | 500.53                                           |                                               | 501   |
| Year 4                                                                                     | 1,999                               | 578                                              |                                               | 578   |
| Year 5                                                                                     | 2,000                               | 578                                              |                                               | 578   |
| Year 6                                                                                     | 2,001                               | 459.4                                            |                                               | 459   |
| Year 7                                                                                     | 2,002                               | 578.78                                           |                                               | 579   |
| Year 8                                                                                     | 2,003                               | 5436                                             |                                               | 5,436 |
| Year 9                                                                                     | 2,004                               | 5399.78                                          |                                               | 5,400 |
| Year 10                                                                                    | 2,005                               | 4916.9                                           |                                               | 4,917 |
| Year 11                                                                                    | -                                   |                                                  |                                               | 0     |
| Year 12                                                                                    | -                                   |                                                  |                                               | 0     |
| Year 13                                                                                    | -                                   |                                                  |                                               | 0     |
| Year 14                                                                                    | -                                   |                                                  |                                               | 0     |
| Year 15                                                                                    | -                                   |                                                  |                                               | 0     |
| 5 Year Baseline - Water into Distribution System                                           |                                     |                                                  |                                               |       |
| Year 1                                                                                     | 2,003                               | 5436                                             |                                               | 5,436 |
| Year 2                                                                                     | 2,004                               | 5399.78                                          |                                               | 5,400 |
| Year 3                                                                                     | 2,005                               | 4916.9                                           |                                               | 4,917 |
| Year 4                                                                                     | 2,006                               | 5339                                             |                                               | 5,339 |
| Year 5                                                                                     | 2,007                               | 5007                                             |                                               | 5,007 |
| 2015 Compliance Year - Water into Distribution System                                      |                                     |                                                  |                                               |       |
| 2015                                                                                       | 2,900                               |                                                  |                                               | 2,900 |
| * Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document |                                     |                                                  |                                               |       |
| NOTES:                                                                                     |                                     |                                                  |                                               |       |

**SB X7-7 Table 4-A: Volume Entering the Distribution**

|                                                                                            |                                              |                                                        |                                                           |   |
|--------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|---|
| <b>Name of Source</b>                                                                      |                                              | Source 4                                               |                                                           |   |
| <b>This water source is:</b>                                                               |                                              |                                                        |                                                           |   |
| <input type="checkbox"/>                                                                   | The supplier's own water source              |                                                        |                                                           |   |
| <input type="checkbox"/>                                                                   | A purchased or imported source               |                                                        |                                                           |   |
| <b>Baseline Year</b><br><i>Fm SB X7-7 Table 3</i>                                          | Volume<br>Entering<br>Distribution<br>System | Meter Error<br>Adjustment*<br><i>Optional</i><br>(+/-) | Corrected<br>Volume<br>Entering<br>Distribution<br>System |   |
| <b>10 to 15 Year Baseline - Water into Distribution System</b>                             |                                              |                                                        |                                                           |   |
| Year 1                                                                                     | 1,996                                        |                                                        |                                                           | 0 |
| Year 2                                                                                     | 1,997                                        |                                                        |                                                           | 0 |
| Year 3                                                                                     | 1,998                                        |                                                        |                                                           | 0 |
| Year 4                                                                                     | 1,999                                        |                                                        |                                                           | 0 |
| Year 5                                                                                     | 2,000                                        |                                                        |                                                           | 0 |
| Year 6                                                                                     | 2,001                                        |                                                        |                                                           | 0 |
| Year 7                                                                                     | 2,002                                        |                                                        |                                                           | 0 |
| Year 8                                                                                     | 2,003                                        |                                                        |                                                           | 0 |
| Year 9                                                                                     | 2,004                                        |                                                        |                                                           | 0 |
| Year 10                                                                                    | 2,005                                        |                                                        |                                                           | 0 |
| Year 11                                                                                    | -                                            |                                                        |                                                           | 0 |
| Year 12                                                                                    | -                                            |                                                        |                                                           | 0 |
| Year 13                                                                                    | -                                            |                                                        |                                                           | 0 |
| Year 14                                                                                    | -                                            |                                                        |                                                           | 0 |
| Year 15                                                                                    | -                                            |                                                        |                                                           | 0 |
| <b>5 Year Baseline - Water into Distribution System</b>                                    |                                              |                                                        |                                                           |   |
| Year 1                                                                                     | 2,003                                        |                                                        |                                                           | 0 |
| Year 2                                                                                     | 2,004                                        |                                                        |                                                           | 0 |
| Year 3                                                                                     | 2,005                                        |                                                        |                                                           | 0 |
| Year 4                                                                                     | 2,006                                        |                                                        |                                                           | 0 |
| Year 5                                                                                     | 2,007                                        |                                                        |                                                           | 0 |
| <b>2015 Compliance Year - Water into Distribution System</b>                               |                                              |                                                        |                                                           |   |
| <b>2015</b>                                                                                |                                              |                                                        |                                                           | 0 |
| * Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document |                                              |                                                        |                                                           |   |
| NOTES:                                                                                     |                                              |                                                        |                                                           |   |



**SB X7-7 Table 4-B: Indirect Recycled Water Use Deduction** *(For use only by agencies that are deducting indirect recycled water)*

| Baseline Year<br><i>Fm SB X7-7 Table 3</i>                                                                                                                                                                                                             |      | Surface Reservoir Augmentation                                                      |                              |                                                         |                                 |                                                                                                       | Groundwater Recharge                       |                                      |                                                                                          | Total Deductible<br>Volume of Indirect<br>Recycled Water Entering<br>the Distribution System |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                        |      | Volume<br>Discharged<br>from Reservoir<br>for<br>Distribution<br>System<br>Delivery | Percent<br>Recycled<br>Water | Recycled<br>Water<br>Delivered to<br>Treatment<br>Plant | Transmission/<br>Treatment Loss | Recycled<br>Volume<br>Entering<br>Distribution<br>System from<br>Surface<br>Reservoir<br>Augmentation | Recycled<br>Water<br>Pumped by<br>Utility* | Transmission/<br>Treatment<br>Losses | Recycled<br>Volume<br>Entering<br>Distribution<br>System from<br>Groundwater<br>Recharge |                                                                                              |
| 10-15 Year Baseline - Indirect Recycled Water Use                                                                                                                                                                                                      |      |                                                                                     |                              |                                                         |                                 |                                                                                                       |                                            |                                      |                                                                                          |                                                                                              |
| Year 1                                                                                                                                                                                                                                                 | 1996 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 2                                                                                                                                                                                                                                                 | 1997 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 3                                                                                                                                                                                                                                                 | 1998 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 4                                                                                                                                                                                                                                                 | 1999 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 5                                                                                                                                                                                                                                                 | 2000 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 6                                                                                                                                                                                                                                                 | 2001 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 7                                                                                                                                                                                                                                                 | 2002 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 8                                                                                                                                                                                                                                                 | 2003 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 9                                                                                                                                                                                                                                                 | 2004 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 10                                                                                                                                                                                                                                                | 2005 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 11                                                                                                                                                                                                                                                | 0    |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 12                                                                                                                                                                                                                                                | 0    |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 13                                                                                                                                                                                                                                                | 0    |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 14                                                                                                                                                                                                                                                | 0    |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 15                                                                                                                                                                                                                                                | 0    |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| 5 Year Baseline - Indirect Recycled Water Use                                                                                                                                                                                                          |      |                                                                                     |                              |                                                         |                                 |                                                                                                       |                                            |                                      |                                                                                          |                                                                                              |
| Year 1                                                                                                                                                                                                                                                 | 2003 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 2                                                                                                                                                                                                                                                 | 2004 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 3                                                                                                                                                                                                                                                 | 2005 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 4                                                                                                                                                                                                                                                 | 2006 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| Year 5                                                                                                                                                                                                                                                 | 2007 |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| 2015 Compliance - Indirect Recycled Water Use                                                                                                                                                                                                          |      |                                                                                     |                              |                                                         |                                 |                                                                                                       |                                            |                                      |                                                                                          |                                                                                              |
| 2015                                                                                                                                                                                                                                                   |      |                                                                                     |                              | -                                                       |                                 | -                                                                                                     |                                            |                                      | -                                                                                        | -                                                                                            |
| *Suppliers will provide supplemental sheets to document the calculation for their input into "Recycled Water Pumped by Utility". The volume reported in this cell must be less than total groundwater pumped - See Methodology 1, Step 8, section 2.c. |      |                                                                                     |                              |                                                         |                                 |                                                                                                       |                                            |                                      |                                                                                          |                                                                                              |

NOTES:

**SB X7-7 Table 4-C: Process Water Deduction Eligibility**

*(For use only by agencies that are deducting process water) Choose Only One*

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <b>Criteria 1-</b> Industrial water use is equal to or greater than 12% of gross water use.<br>Complete SB X7-7 Table 4-C.1 |
| <input type="checkbox"/> | <b>Criteria 2</b> - Industrial water use is equal to or greater than 15 GPCD.<br>Complete SB X7-7 Table 4-C.2               |
| <input type="checkbox"/> | <b>Criteria 3</b> - Non-industrial use is equal to or less than 120 GPCD.<br>Complete SB X7-7 Table 4-C.3                   |
| <input type="checkbox"/> | <b>Criteria 4</b> - Disadvantaged Community.<br>Complete SB x7-7 Table 4-C.4                                                |

NOTES:

## SB X7-7 Table 4-C.1: Process Water Deduction Eligibility

### Criteria 1

Industrial water use is equal to or greater than 12% of gross water use

| Baseline Year<br><i>Fm SB X7-7 Table 3</i>                   | Gross Water<br>Use Without<br>Process<br>Water<br>Deduction | Industrial<br>Water Use | Percent<br>Industrial<br>Water | Eligible<br>for<br>Exclusion<br>Y/N |
|--------------------------------------------------------------|-------------------------------------------------------------|-------------------------|--------------------------------|-------------------------------------|
| 10 to 15 Year Baseline - Process Water Deduction Eligibility |                                                             |                         |                                |                                     |
| Year 1                                                       | 1996                                                        | 14,817                  | 0%                             | NO                                  |
| Year 2                                                       | 1997                                                        | 16,317                  | 0%                             | NO                                  |
| Year 3                                                       | 1998                                                        | 13,795                  | 0%                             | NO                                  |
| Year 4                                                       | 1999                                                        | 16,371                  | 0%                             | NO                                  |
| Year 5                                                       | 2000                                                        | 14,827                  | 0%                             | NO                                  |
| Year 6                                                       | 2001                                                        | 17,472                  | 0%                             | NO                                  |
| Year 7                                                       | 2002                                                        | 19,384                  | 0%                             | NO                                  |
| Year 8                                                       | 2003                                                        | 18,126                  | 0%                             | NO                                  |
| Year 9                                                       | 2004                                                        | 18,817                  | 0%                             | NO                                  |
| Year 10                                                      | 2005                                                        | 15,413                  | 0%                             | NO                                  |
| Year 11                                                      | 0                                                           | -                       |                                | NO                                  |
| Year 12                                                      | 0                                                           | -                       |                                | NO                                  |
| Year 13                                                      | 0                                                           | -                       |                                | NO                                  |
| Year 14                                                      | 0                                                           | -                       |                                | NO                                  |
| Year 15                                                      | 0                                                           | -                       |                                | NO                                  |
| 5 Year Baseline - Process Water Deduction Eligibility        |                                                             |                         |                                |                                     |
| Year 1                                                       | 2003                                                        | 14,827                  | 0%                             | NO                                  |
| Year 2                                                       | 2004                                                        | 17,472                  | 0%                             | NO                                  |
| Year 3                                                       | 2005                                                        | 19,384                  | 0%                             | NO                                  |
| Year 4                                                       | 2006                                                        | 18,126                  | 0%                             | NO                                  |
| Year 5                                                       | 2007                                                        | 18,817                  | 0%                             | NO                                  |
| 2015 Compliance Year - Process Water Deduction Eligibility   |                                                             |                         |                                |                                     |
| 2015                                                         | 6,913                                                       |                         | 0%                             | NO                                  |

NOTES:

## SB X7-7 Table 4-C.2: Process Water Deduction Eligibility

### Criteria 2

Industrial water use is equal to or greater than 15 GPCD

| Baseline Year<br><i>Fm SB X7-7 Table 3</i>                   | Industrial<br>Water Use | Population | Industrial<br>GPCD | Eligible<br>for<br>Exclusion<br>Y/N |
|--------------------------------------------------------------|-------------------------|------------|--------------------|-------------------------------------|
| 10 to 15 Year Baseline - Process Water Deduction Eligibility |                         |            |                    |                                     |
| Year 1                                                       | 1996                    |            | 14,595             | - NO                                |
| Year 2                                                       | 1997                    |            | 14,811             | - NO                                |
| Year 3                                                       | 1998                    |            | 15,027             | - NO                                |
| Year 4                                                       | 1999                    |            | 15,243             | - NO                                |
| Year 5                                                       | 2000                    |            | 15,459             | - NO                                |
| Year 6                                                       | 2001                    |            | 15,675             | - NO                                |
| Year 7                                                       | 2002                    |            | 15,891             | - NO                                |
| Year 8                                                       | 2003                    |            | 16,107             | - NO                                |
| Year 9                                                       | 2004                    |            | 16,323             | - NO                                |
| Year 10                                                      | 2005                    |            | 16,539             | - NO                                |
| <i>Year 11</i>                                               | 0                       |            | -                  | NO                                  |
| <i>Year 12</i>                                               | 0                       |            | -                  | NO                                  |
| <i>Year 13</i>                                               | 0                       |            | -                  | NO                                  |
| <i>Year 14</i>                                               | 0                       |            | -                  | NO                                  |
| <i>Year 15</i>                                               | 0                       |            | -                  | NO                                  |
| 5 Year Baseline - Process Water Deduction Eligibility        |                         |            |                    |                                     |
| Year 1                                                       | 2003                    |            | 16,107             | - NO                                |
| Year 2                                                       | 2004                    |            | 16,323             | - NO                                |
| Year 3                                                       | 2005                    |            | 16,539             | - NO                                |
| Year 4                                                       | 2006                    |            | 16,755             | - NO                                |
| Year 5                                                       | 2007                    |            | 16,971             | - NO                                |
| 2015 Compliance Year - Process Water Deduction Eligibility   |                         |            |                    |                                     |
| <b>2015</b>                                                  |                         | 18,426     | -                  | NO                                  |

NOTES:

**SB X7-7 Table 4-C.3: Process Water Deduction Eligibility**
**Criteria 3**

Non-industrial use is equal to or less than 120 GPCD

| Baseline Year<br><i>Fm SB X7-7 Table 3</i> | Gross Water Use Without Process Water Deduction<br><i>Fm SB X7-7 Table 4</i> | Industrial Water Use | Non-industrial Water Use | Population<br><i>Fm SB X7-7 Table 3</i> | Non-Industrial GPCD | Eligible for Exclusion<br>Y/N |
|--------------------------------------------|------------------------------------------------------------------------------|----------------------|--------------------------|-----------------------------------------|---------------------|-------------------------------|
|--------------------------------------------|------------------------------------------------------------------------------|----------------------|--------------------------|-----------------------------------------|---------------------|-------------------------------|

**10 to 15 Year Baseline - Process Water Deduction Eligibility**

|                |      |        |  |        |        |       |    |
|----------------|------|--------|--|--------|--------|-------|----|
| Year 1         | 1996 | 14,817 |  | 14,817 | 14,595 | 906   | NO |
| Year 2         | 1997 | 16,317 |  | 16,317 | 14,811 | 984   | NO |
| Year 3         | 1998 | 13,795 |  | 13,795 | 15,027 | 820   | NO |
| Year 4         | 1999 | 16,371 |  | 16,371 | 15,243 | 959   | NO |
| Year 5         | 2000 | 14,827 |  | 14,827 | 15,459 | 856   | NO |
| Year 6         | 2001 | 17,472 |  | 17,472 | 15,675 | 995   | NO |
| Year 7         | 2002 | 19,384 |  | 19,384 | 15,891 | 1,089 | NO |
| Year 8         | 2003 | 18,126 |  | 18,126 | 16,107 | 1,005 | NO |
| Year 9         | 2004 | 18,817 |  | 18,817 | 16,323 | 1,029 | NO |
| Year 10        | 2005 | 15,413 |  | 15,413 | 16,539 | 832   | NO |
| <i>Year 11</i> | 0    | -      |  | -      | -      |       | NO |
| <i>Year 12</i> | 0    | -      |  | -      | -      |       | NO |
| <i>Year 13</i> | 0    | -      |  | -      | -      |       | NO |
| <i>Year 14</i> | 0    | -      |  | -      | -      |       | NO |
| <i>Year 15</i> | 0    | -      |  | -      | -      |       | NO |

**5 Year Baseline - Process Water Deduction Eligibility**

|        |      |        |  |        |        |       |    |
|--------|------|--------|--|--------|--------|-------|----|
| Year 1 | 2003 | 14,827 |  | 14,827 | 16,107 | 822   | NO |
| Year 2 | 2004 | 17,472 |  | 17,472 | 16,323 | 956   | NO |
| Year 3 | 2005 | 19,384 |  | 19,384 | 16,539 | 1,046 | NO |
| Year 4 | 2006 | 18,126 |  | 18,126 | 16,755 | 966   | NO |
| Year 5 | 2007 | 18,817 |  | 18,817 | 16,971 | 990   | NO |

**2015 Compliance Year - Process Water Deduction Eligibility**

|             |       |  |       |        |     |    |
|-------------|-------|--|-------|--------|-----|----|
| <b>2015</b> | 6,913 |  | 6,913 | 18,426 | 335 | NO |
|-------------|-------|--|-------|--------|-----|----|

NOTES:

## SB X7-7 Table 4-C.4: Process Water Deduction Eligibility

### Criteria 4

Disadvantaged Community. A “Disadvantaged Community” (DAC) is a community with a median household income less than 80 percent of the statewide average.

#### SELECT ONE

"Disadvantaged Community" status was determined using one of the methods listed below:



#### 1. IRWM DAC Mapping tool

[http://www.water.ca.gov/irwm/grants/resources\\_dac.cfm](http://www.water.ca.gov/irwm/grants/resources_dac.cfm)

If using the IRWM DAC Mapping Tool, include a screen shot from the tool showing that the service area is considered a DAC.



#### 2. 2010 Median Income

California Median  
Household Income

Service Area  
Median Household  
Income

Percentage of  
Statewide  
Average

**Eligible for  
Exclusion?  
Y/N**

2015 Compliance Year - Process Water Deduction Eligibility

2010

\$60,883

0%

YES

NOTES:

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 1                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 2                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 3                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 4                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 5                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 6                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 7                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 8                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 9                 |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 4-D: Process Water Deduction - Volume***Complete a**separate table for each industrial customer with a process water exclusion*

| Name of Industrial Customer                      |                                       | Industrial Customer 10                |                                     |                                    |                                                                  |  |
|--------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------------------|--|
| Baseline Year<br><i>Fm SB X7-7 Table 3</i>       | Industrial Customer's Total Water Use | Total Volume Supplied by Water Agency | % of Water Supplied by Water Agency | Customer's Total Process Water Use | Volume of Process Water Eligible for Exclusion for this Customer |  |
| 10 to 15 Year Baseline - Process Water Deduction |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 1996                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 1997                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 1998                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 1999                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2000                                  |                                       |                                     |                                    | -                                                                |  |
| Year 6                                           | 2001                                  |                                       |                                     |                                    | -                                                                |  |
| Year 7                                           | 2002                                  |                                       |                                     |                                    | -                                                                |  |
| Year 8                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 9                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 10                                          | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 11                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 12                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 13                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 14                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| Year 15                                          | 0                                     |                                       |                                     |                                    | -                                                                |  |
| 5 Year Baseline - Process Water Deduction        |                                       |                                       |                                     |                                    |                                                                  |  |
| Year 1                                           | 2003                                  |                                       |                                     |                                    | -                                                                |  |
| Year 2                                           | 2004                                  |                                       |                                     |                                    | -                                                                |  |
| Year 3                                           | 2005                                  |                                       |                                     |                                    | -                                                                |  |
| Year 4                                           | 2006                                  |                                       |                                     |                                    | -                                                                |  |
| Year 5                                           | 2007                                  |                                       |                                     |                                    | -                                                                |  |
| 2015 Compliance Year - Process Water Deduction   |                                       |                                       |                                     |                                    |                                                                  |  |
| 2015                                             |                                       |                                       |                                     |                                    | -                                                                |  |
| NOTES:                                           |                                       |                                       |                                     |                                    |                                                                  |  |

**SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)**

| <b>Baseline Year</b><br><i>Fm SB X7-7 Table 3</i> |      | <b>Service Area<br/>Population</b><br><i>Fm SB X7-7<br/>Table 3</i> | <b>Annual Gross<br/>Water Use</b><br><i>Fm SB X7-7<br/>Table 4</i> | <b>Daily Per<br/>Capita Water<br/>Use (GPCD)</b> |
|---------------------------------------------------|------|---------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------|
| <b>10 to 15 Year Baseline GPCD</b>                |      |                                                                     |                                                                    |                                                  |
| Year 1                                            | 1996 | 14,595                                                              | 14,817                                                             | 906                                              |
| Year 2                                            | 1997 | 14,811                                                              | 16,317                                                             | 984                                              |
| Year 3                                            | 1998 | 15,027                                                              | 13,795                                                             | 820                                              |
| Year 4                                            | 1999 | 15,243                                                              | 16,371                                                             | 959                                              |
| Year 5                                            | 2000 | 15,459                                                              | 14,827                                                             | 856                                              |
| Year 6                                            | 2001 | 15,675                                                              | 17,472                                                             | 995                                              |
| Year 7                                            | 2002 | 15,891                                                              | 19,384                                                             | 1,089                                            |
| Year 8                                            | 2003 | 16,107                                                              | 18,126                                                             | 1,005                                            |
| Year 9                                            | 2004 | 16,323                                                              | 18,817                                                             | 1,029                                            |
| Year 10                                           | 2005 | 16,539                                                              | 15,413                                                             | 832                                              |
| <i>Year 11</i>                                    | 0    | -                                                                   | -                                                                  |                                                  |
| <i>Year 12</i>                                    | 0    | -                                                                   | -                                                                  |                                                  |
| <i>Year 13</i>                                    | 0    | -                                                                   | -                                                                  |                                                  |
| <i>Year 14</i>                                    | 0    | -                                                                   | -                                                                  |                                                  |
| <i>Year 15</i>                                    | 0    | -                                                                   | -                                                                  |                                                  |
| <b>10-15 Year Average Baseline GPCD</b>           |      |                                                                     |                                                                    | <b>947</b>                                       |
| <b>5 Year Baseline GPCD</b>                       |      |                                                                     |                                                                    |                                                  |
| <b>Baseline Year</b><br><i>Fm SB X7-7 Table 3</i> |      | <b>Service Area<br/>Population</b><br><i>Fm SB X7-7<br/>Table 3</i> | <b>Gross Water Use</b><br><i>Fm SB X7-7<br/>Table 4</i>            | <b>Daily Per<br/>Capita Water<br/>Use</b>        |
| Year 1                                            | 2003 | 16,107                                                              | 14,827                                                             | 822                                              |
| Year 2                                            | 2004 | 16,323                                                              | 17,472                                                             | 956                                              |
| Year 3                                            | 2005 | 16,539                                                              | 19,384                                                             | 1,046                                            |
| Year 4                                            | 2006 | 16,755                                                              | 18,126                                                             | 966                                              |
| Year 5                                            | 2007 | 16,971                                                              | 18,817                                                             | 990                                              |
| <b>5 Year Average Baseline GPCD</b>               |      |                                                                     |                                                                    | <b>956</b>                                       |
| <b>2015 Compliance Year GPCD</b>                  |      |                                                                     |                                                                    |                                                  |
| <b>2015</b>                                       |      | 18,426                                                              | 6,913                                                              | <b>335</b>                                       |
| NOTES:                                            |      |                                                                     |                                                                    |                                                  |

**SB X7-7 Table 6:** Gallons per Capita per Day  
*Summary From Table SB X7-7 Table 5*

|                           |     |
|---------------------------|-----|
| 10-15 Year Baseline GPCD  | 947 |
| 5 Year Baseline GPCD      | 956 |
| 2015 Compliance Year GPCD | 335 |

NOTES:

**SB X7-7 Table 7: 2020 Target Method***Select Only One*

| Target Method                       |          | Supporting Documentation                                             |
|-------------------------------------|----------|----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | Method 1 | SB X7-7 Table 7A                                                     |
| <input type="checkbox"/>            | Method 2 | SB X7-7 Tables 7B, 7C, and 7D<br><i>Contact DWR for these tables</i> |
| <input type="checkbox"/>            | Method 3 | SB X7-7 Table 7-E                                                    |
| <input type="checkbox"/>            | Method 4 | Method 4 Calculator                                                  |

NOTES:

| SB X7-7 Table 7-A: Target Method 1<br>20% Reduction |                     |
|-----------------------------------------------------|---------------------|
| 10-15 Year Baseline<br>GPCD                         | 2020 Target<br>GPCD |
| 947                                                 | 758                 |
| NOTES:                                              |                     |

**SB X7-7 Table 7-B: Target Method 2**  
Landscape Water Use

Target

Tables for Target Method 2 (SB X7-7 Tables 7-B, 7-C, and 7-D) are not included in the SB X7-7 Verification Form, but are still required for water suppliers using Target Method 2. These water suppliers should contact Gwen Huff at (916) 651-9672 or [gwen.huff@water.ca.gov](mailto:gwen.huff@water.ca.gov)

**SB X7-7 Table 7-C: Target Method 2****Target CII Water Use**

Tables for Target Method 2 (SB X7-7 Tables 7-B, 7-C, and 7-D) are not included in the SB X7-7 Verification Form, but are still required for water suppliers using Target Method 2. These water suppliers should contact Gwen Huff at (916) 651-9672 or [gwen.huff@water.ca.gov](mailto:gwen.huff@water.ca.gov)

#### **SB X7-7 Table 7-D: Target Method 2 Summary**

Tables for Target Method 2 (SB X7-7 Tables 7-B, 7-C, and 7-D) are not included in the SB X7-7 Verification Form, but are still required for water suppliers using Target Method 2. These water suppliers should contact Gwen Huff at (916) 651-9672 or [gwen.huff@water.ca.gov](mailto:gwen.huff@water.ca.gov)

**SB X7-7 Table 7-E: Target Method 3**

| Agency May Select More Than One as Applicable                                            | Percentage of Service Area in This Hydrological Region | Hydrologic Region | "2020 Plan" Regional Targets | Method 3 Regional Targets (95%) |
|------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------|------------------------------|---------------------------------|
| <input type="checkbox"/>                                                                 |                                                        | North Coast       | 137                          | 130                             |
| <input type="checkbox"/>                                                                 |                                                        | North Lahontan    | 173                          | 164                             |
| <input checked="" type="checkbox"/>                                                      | 100%                                                   | Sacramento River  | 176                          | 167                             |
| <input type="checkbox"/>                                                                 |                                                        | San Francisco Bay | 131                          | 124                             |
| <input type="checkbox"/>                                                                 |                                                        | San Joaquin River | 174                          | 165                             |
| <input type="checkbox"/>                                                                 |                                                        | Central Coast     | 123                          | 117                             |
| <input type="checkbox"/>                                                                 |                                                        | Tulare Lake       | 188                          | 179                             |
| <input type="checkbox"/>                                                                 |                                                        | South Lahontan    | 170                          | 162                             |
| <input type="checkbox"/>                                                                 |                                                        | South Coast       | 149                          | 142                             |
| <input type="checkbox"/>                                                                 |                                                        | Colorado River    | 211                          | 200                             |
| <b>Target</b><br><i>(If more than one region is selected, this value is calculated.)</i> |                                                        |                   |                              | <b>167</b>                      |
| NOTES:                                                                                   |                                                        |                   |                              |                                 |

**SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target**

| 5 Year<br>Baseline GPCD<br><i>From SB X7-7<br/>Table 5</i> | Maximum 2020<br>Target <sup>1</sup> | Calculated<br>2020 Target <sup>2</sup> | <b>Confirmed<br/>2020 Target</b> |
|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|
| 956                                                        | 908                                 | 758                                    | <b>758</b>                       |

<sup>1</sup> Maximum 2020 Target is 95% of the 5 Year Baseline GPCD except for suppliers at or below 100 GPCD.

<sup>2</sup> 2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.

NOTES:

**SB X7-7 Table 8: 2015 Interim Target GPCD**

| Confirmed<br>2020 Target<br><i>Fm SB X7-7<br/>Table 7-F</i> | 10-15 year<br>Baseline GPCD<br><i>Fm SB X7-7<br/>Table 5</i> | <b>2015 Interim<br/>Target GPCD</b> |
|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------|
| 758                                                         | 947                                                          | <b>853</b>                          |

NOTES:

**SB X7-7 Table 9: 2015 Compliance**

| Actual 2015<br>GPCD | 2015 Interim<br>Target GPCD | Optional Adjustments <i>(in GPCD)</i> |                          |                        |                      |                       | 2015 GPCD<br><i>(Adjusted if<br/>applicable)</i> | Did Supplier<br>Achieve<br>Targeted<br>Reduction for<br>2015? |
|---------------------|-----------------------------|---------------------------------------|--------------------------|------------------------|----------------------|-----------------------|--------------------------------------------------|---------------------------------------------------------------|
|                     |                             | Enter "0" if Adjustment Not Used      |                          |                        | TOTAL<br>Adjustments | Adjusted 2015<br>GPCD |                                                  |                                                               |
|                     |                             | Extraordinary<br>Events               | Weather<br>Normalization | Economic<br>Adjustment |                      |                       |                                                  |                                                               |
| 335                 | 853                         | -                                     | -                        | -                      | -                    | 335                   | 335                                              | YES                                                           |

NOTES:





# AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0  
American Water Works Association  
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[?](#) Click to access definition  
[+](#) Click to add a comment

Water Audit Report for: **Bella Vista Water District (CA4510014)**  
Reporting Year: **2020** **1/2020 - 12/2020**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

**All volumes to be entered as: ACRE-FEET PER YEAR**

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

## WATER SUPPLIED

Volume from own sources: [+](#) [?](#) **5** **11,268.000** acre-ft/yr  
Water imported: [+](#) [?](#) **n/a** **0.000** acre-ft/yr  
Water exported: [+](#) [?](#) **n/a** **0.000** acre-ft/yr

## Master Meter and Supply Error Adjustments

Pcnt: [+](#) [?](#) **4** **0.000** acre-ft/yr  
[+](#) [?](#) **0.000** acre-ft/yr  
[+](#) [? \*\*0.000\*\* acre-ft/yr](#)

**WATER SUPPLIED:** **11,268.000** acre-ft/yr

Enter negative % or value for under-registration  
Enter positive % or value for over-registration

## AUTHORIZED CONSUMPTION

Billed metered: [+](#) [?](#) **7** **10,253.360** acre-ft/yr  
Billed unmetered: [+](#) [?](#) **10** **0.000** acre-ft/yr  
Unbilled metered: [+](#) [?](#) **10** **4.640** acre-ft/yr  
Unbilled unmetered: [+](#) [? \*\*140.850\*\* acre-ft/yr](#)

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

**AUTHORIZED CONSUMPTION:** **10,398.850** acre-ft/yr

Click here: [?](#)  
for help using option  
buttons below

Pcnt: **1.25%** **0.000** acre-ft/yr

Use buttons to select  
percentage of water  
supplied  
OR  
value

Pcnt: **0.25%** **0.000** acre-ft/yr

**2.00%** **0.000** acre-ft/yr  
**0.25%** **0.000** acre-ft/yr

## WATER LOSSES (Water Supplied - Authorized Consumption)

### Apparent Losses

Unauthorized consumption: [+](#) [? \*\*28.170\*\* acre-ft/yr](#)

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies: [+](#) [? \*\*6\*\* \*\*209.347\*\* acre-ft/yr  
Systematic data handling errors: \[+\]\(#\) \[? \\*\\*25.633\\*\\* acre-ft/yr\]\(#\)](#)

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

**Apparent Losses:** **263.150** acre-ft/yr

## Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: [?](#) **606.000** acre-ft/yr

**WATER LOSSES:** **869.150** acre-ft/yr

## NON-REVENUE WATER

**NON-REVENUE WATER:** **1,014.640** acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

## SYSTEM DATA

Length of mains: [+](#) [? \*\*9\*\* \*\*242.0\*\* miles  
Number of active AND inactive service connections: \[+\]\(#\) \[? \\*\\*10\\*\\* \\*\\*6,420\\*\\*  
Service connection density: \\[?\\]\\(#\\) \\*\\*27\\*\\* conn./mile main\]\(#\)](#)

Are customer meters typically located at the curbside or property line? **Yes**

Average length of customer service line: [+](#) [? \(length of service line, beyond the property boundary, that is the responsibility of the utility\)](#)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: [+](#) [? \*\*8\*\* \*\*72.0\*\* psi](#)

## COST DATA

Total annual cost of operating water system: [+](#) [? \*\*10\*\* \*\*\\$4,936,922\*\* \\$/Year  
Customer retail unit cost \(applied to Apparent Losses\): \[+\]\(#\) \[? \\*\\*9\\*\\* \\*\\*\\\$0.49\\*\\* \\\$/100 cubic feet \\(ccf\\)  
Variable production cost \\(applied to Real Losses\\): \\[+\\]\\(#\\) \\[? \\\*\\\*7\\\*\\\* \\\*\\\*\\\\$166.92\\\*\\\* \\\\$/acre-ft ☐ Use Customer Retail Unit Cost to value real losses\\]\\(#\\)\]\(#\)](#)

## WATER AUDIT DATA VALIDITY SCORE:

**\*\*\* YOUR SCORE IS: 67 out of 100 \*\*\***

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

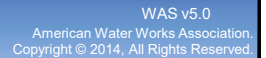
## PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

**1: Volume from own sources**

**2: Billed metered**

**3: Customer metering inaccuracies**

Reporting Worksheet 1



## AWWA Free Water Audit Software: Worksheet

FWAS v6.0  
American Water Works Association.  
Copyright © 2020. All Rights Reserved.

Water Audit Report for: **Bella Vista Water District**  
Audit Year: **2022** **Jan 01 2022 - Dec 31 2022** **Calendar**

Click 'n' to add notes

Click 'g' to determine data validity grade

To edit water system info: [go to start page](#)

To access definitions, click the [input name](#)

All volumes to be entered as: ACRE-FEET PER YEAR

### Water Supplied Error Adjustments

choose entry option:

VOS  
WI  
WE

Volume from Own Sources:    7 6,177.342 Acre-ft/Yr  
Water Imported:    5 102.240 Acre-ft/Yr  
Water Exported:    6 0.210 Acre-ft/Yr

10 0.00% percent  
   4 0.00% percent  
   4 0.00% percent

VOSEA  
WIEA  
WEEA

**WATER SUPPLIED:** 6,279.372 Acre-ft/Yr

### AUTHORIZED CONSUMPTION

BMAC  
BUAC  
UMAC  
UUAC

Billed Metered:    7 5,623.050 Acre-ft/Yr  
Billed Unmetered:    10 0.000 Acre-ft/Yr  
Unbilled Metered:    10 7.590 Acre-ft/Yr  
Unbilled Unmetered:    3 14.058 Acre-ft/Yr

choose entry option:

0.25%  default

Default option selected for Unbilled Unmetered, with automatic data grading of 3

**AUTHORIZED CONSUMPTION:** 5,644.698 Acre-ft/Yr

### WATER LOSSES

634.674 Acre-ft/Yr

#### Apparent Losses

Default option selected for Systematic Data Handling Errors, with automatic data grading of 3

SDHE  
CMI  
UC

Systematic Data Handling Errors:    3 14.058 Acre-ft/Yr  
Customer Metering Inaccuracies:    4 114.911 Acre-ft/Yr  
Unauthorized Consumption:    3 14.058 Acre-ft/Yr

choose entry option:

0.25%  default

2.00%  percent

0.25%  default

[under-registration](#)

Default option selected for Unauthorized Consumption, with automatic data grading of 3

**Apparent Losses:** 143.026 Acre-ft/Yr

#### Real Losses

**Real Losses:** 491.648 Acre-ft/Yr

**WATER LOSSES:** 634.674 Acre-ft/Yr

### NON-REVENUE WATER

**NON-REVENUE WATER:** 656.322 Acre-ft/Yr

### SYSTEM DATA

Lm  
Nc

Length of mains:    10 239.5 miles (including fire hydrant lead lengths)  
Number of service connections:    10 6,639 (active and inactive)  
Service connection density: 28 conn./mile main

Are customer meters typically located at the curbstop/property line?  Yes

Lp

Average length of customer service line has been set to zero and a data grading of 10 has been applied

AOP

Average Operating Pressure:    7 70.0 psi

### COST DATA

CRUC  
VPC

Customer Retail Unit Charge:    9 \$0.66 \$/100 cubic feet (ccf)  
Variable Production Cost:    9 \$265.56 \$/acre-ft

**Total Annual Operating Cost**  
\$8,086,363 \$/yr (optional input)

### WATER AUDIT DATA VALIDITY TIER:

\*\*\* The Water Audit Data Validity Score is in Tier III (51-70). See Dashboard tab for additional outputs. \*\*\*

[go to dashboard](#)

A weighted scale for the components of supply, consumption and water loss is included in the calculation of the Water Audit Data Validity Score

#### PRIORITY AREAS FOR ATTENTION TO IMPROVE DATA VALIDITY:

Based on the information provided, audit reliability can be most improved by addressing the following components:

1: Volume from Own Sources (VOS)

2: Billed Metered (BMAC)

3: Customer Metering Inaccuracies (CMI)

#### KEY PERFORMANCE INDICATOR TARGETS:

OPTIONAL: If targets exist for the operational performance indicators, they can be input below:

Unit Total Losses:  gal/conn/day  
Unit Apparent Losses:  gal/conn/day  
Unit Real Losses<sup>1</sup>:  gal/conn/day  
Unit Real Losses<sup>2</sup>:  gal/mile/day

If entered above by user, targets will display on KPI gauges (see Dashboard)



# AWWA Free Water Audit Software: Worksheet

FWAS v6.0  
American Water Works Association  
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Water Audit Report for: **Bella Vista Water District**  
Audit Year: **2023** **Jan 01 2023 - Dec 31 2023** **Calendar**

Click 'n' to add notes  
Click 'g' to determine data validity grade

To edit water system info: [go to start page](#)

To access definitions, click the [input name](#)

All volumes to be entered as: ACRE-FEET PER YEAR

## Water Supplied Error Adjustments

choose entry option:

VOS Volume from Own Sources:    8 7,649.070 Acre-ft/Yr  
WI Water Imported:    n/a 0.000 Acre-ft/Yr  
WE Water Exported:    n/a 0.000 Acre-ft/Yr

10 percent

VOSEA  
WIEA  
WEEA

**WATER SUPPLIED:** 7,649.070 Acre-ft/Yr

## AUTHORIZED CONSUMPTION

BMAC Billed Metered:    8 6,851.951 Acre-ft/Yr  
BUAC Billed Unmetered:    n/a 0.000 Acre-ft/Yr  
UMAC Unbilled Metered:    9 8.200 Acre-ft/Yr  
UUAC Unbilled Unmetered:    3 17.130 Acre-ft/Yr

choose entry option:

0.25% default

Default option selected for Unbilled Unmetered, with automatic data grading of 3

**AUTHORIZED CONSUMPTION:** 6,877.281 Acre-ft/Yr

## WATER LOSSES

771.789 Acre-ft/Yr

### Apparent Losses

Default option selected for Systematic Data Handling Errors, with automatic data grading of 3

SDHE Systematic Data Handling Errors:    3 17.130 Acre-ft/Yr  
CMI Customer Metering Inaccuracies:    4 140.003 Acre-ft/Yr  
UC Unauthorized Consumption:    3 17.130 Acre-ft/Yr

choose entry option:

0.25% default

2.00% percent

0.25% default

[under-registration](#)

Default option selected for Unauthorized Consumption, with automatic data grading of 3

**Apparent Losses:** 174.263 Acre-ft/Yr

### Real Losses

**Real Losses:** 597.526 Acre-ft/Yr

**WATER LOSSES:** 771.789 Acre-ft/Yr

## NON-REVENUE WATER

**NON-REVENUE WATER:** 797.119 Acre-ft/Yr

## SYSTEM DATA

Lm Length of mains:    10 239.6 miles (including fire hydrant lead lengths)  
Nc Number of service connections:    10 6,639 (active and inactive)  
Service connection density: 28 conn./mile main

Are customer meters typically located at the curbstop/property line?  Yes

Lp    10

Average length of customer service line has been set to zero and a data grading of 10 has been applied

AOP Average Operating Pressure:    8 71.5 psi

## COST DATA

CRUC Customer Retail Unit Charge:    9 \$0.72 \$/100 cubic feet (ccf)  
VPC Variable Production Cost:    9 \$301.00 \$/acre-ft  
**Total Annual Operating Cost** \$2,304,798 \$/yr (optional input)

## WATER AUDIT DATA VALIDITY TIER:

\*\*\* The Water Audit Data Validity Score is in Tier IV (71-90). See Dashboard tab for additional outputs. \*\*\*

[go to dashboard](#)

A weighted scale for the components of supply, consumption and water loss is included in the calculation of the Water Audit Data Validity Score

### PRIORITY AREAS FOR ATTENTION TO IMPROVE DATA VALIDITY:

Based on the information provided, audit reliability can be most improved by addressing the following components:

|                                         |
|-----------------------------------------|
| 1: Volume from Own Sources (VOS)        |
| 2: Customer Metering Inaccuracies (CMI) |
| 3: Billed Metered (BMAC)                |

### KEY PERFORMANCE INDICATOR TARGETS:

OPTIONAL: If targets exist for the operational performance indicators, they can be input below:

Unit Total Losses:  gal/conn/day  
Unit Apparent Losses:  gal/conn/day  
Unit Real Losses<sup>a</sup>:  gal/conn/day  
Unit Real Losses<sup>b</sup>:  gal/mile/day

If entered above by user, targets will display on KPI gauges (see Dashboard)

AWWA Free Water Audit Software:  
Worksheet

FWAS v6.1  
American Water Works Association.  
Copyright © 2025, All Rights Reserved.

Water Audit Report for: Bella Vista Water District

Audit Year: 2024Jan 01 2024 - Dec 31 2024Calendar

Click 'n' to add notes

Click 'g' to determine data validity grade

To edit water system info: go to start page

To access definitions, click the input name

All volumes to be entered as: ACRE-FEET PER YEAR

Water Supplied Error Adjustments

choose entry option:

WATER SUPPLIED

VOSVolume from Own Sources: 88,874.706Acre-ft/Yr

WIVater Imported: n/a0.000Acre-ft/Yr

WEWater Exported: n/a0.000Acre-ft/Yr

WATER SUPPLIED: 8,874.706Acre-ft/Yr

AUTHORIZED CONSUMPTION

Billed Metered: 88,797.044Acre-ft/Yr

Billed Unmetered: n/a0.000Acre-ft/Yr

Unbilled Metered: 92,161Acre-ft/Yr

Unbilled Unmetered: 319,926Acre-ft/Yr

Default option selected for Unbilled Unmetered, with automatic data grading of 3

AUTHORIZED CONSUMPTION: 7,992.528Acre-ft/Yr

WATER LOSSES

882.179Acre-ft/Yr

Apparent Losses

Default option selected for Systematic Data Handling Errors, with automatic data grading of 3

Systematic Data Handling Errors: 319,926Acre-ft/Yr

Customer Metering Inaccuracies: 4162,706Acre-ft/Yr

Unauthorized Consumption: 319,926Acre-ft/Yr

Default option selected for Unauthorized Consumption, with automatic data grading of 3

Apparent Losses: 202.558Acre-ft/Yr

Real Losses

Real Losses: 679.620Acre-ft/Yr

WATER LOSSES: 882.179Acre-ft/Yr

NON-REVENUE WATER

NON-REVENUE WATER: 904.266Acre-ft/Yr

SYSTEM DATA

LmLength of mains: 10236.6miles

NcNumber of service connections: 106,753

Service connection density: 29conn./mile main

Are customer meters typically located at the curbstop/property line? Yes

LpAverage length of customer service line has been set to zero and a data grading of 10 has been applied

AOPAverage Operating Pressure: 971.5psi

COST DATA

CRUCCustomer Retail Unit Charge: 10\$0.73\$ /100 cubic feet (ccf)

VPCVariable Production Cost: 10\$381.77\$/acre-ft

Total Annual Operating Cost\$5,510,678\$ /yr (optional input)

Retail costs are less than (or equal to) production costs; please review and correct if necessary

Click here to calculate carbon emissions ----> carbon

WATER AUDIT DATA VALIDITY TIER:

\*\*\* The Water Audit Data Validity Score is in Tier IV (71-90). See Dashboard tab for additional outputs. \*\*\*

go to dashboard

A weighted scale for the components of supply, consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION TO IMPROVE DATA VALIDITY:

Based on the information provided, audit reliability can be most improved by addressing the following components:

1: Volume from Own Sources (VOS)

2: Customer Metering Inaccuracies (CMI)

3: Billed Metered (BMAC)

KEY PERFORMANCE INDICATOR TARGETS:

OPTIONAL: If targets exist for the operational performance indicators, they can be input below:

Unit Total Losses: gal/conn/day

Unit Apparent Losses: gal/conn/day

Unit Real Losses\*: gal/conn/day

Unit Real Losses\*: gal/mile/day

If entered above by user, targets will display on KPI gauges (see Dashboard)

AWWA Free Water Audit Software v6.0

Worksheet 1