

**RIO LINDA / ELVERTA COMMUNITY WATER DISTRICT  
REGULAR MEETING OF THE  
BOARD OF DIRECTORS**

**May 17, 2021 (6:30 p.m.)**

NOTICE: THIS MEETING WILL BE HELD IN ACCORDANCE WITH EXECUTIVE ORDER N-29-20, ISSUED BY CALIFORNIA GOVERNOR GAVIN NEWSOM ON MARCH 17, 2020, THE RALPH M. BROWN ACT (CALIFORNIA GOVERNMENT CODE SECTION 54950, ET SEQ.), AND THE FEDERAL AMERICANS WITH DISABILITIES ACT.

THIS MEETING WILL NOT BE PHYSICALLY OPEN TO THE PUBLIC. ALL MEMBERS OF THE PUBLIC MAY PARTICIPATE IN THE MEETING VIA VIDEO CONFERENCE OR BY TELEPHONE

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*Our Mission is to provide a safe and reliable water supply in a cost-effective manner.*

**AGENDA**

The Board may discuss and take action on any item listed on this agenda, including items listed as information items. The Board may also listen to the other items that do not appear on this agenda, but the Board will not discuss or take action on those items, except for items determined by the Board pursuant to state law to be of an emergency or urgent nature requiring immediate action. The Board may address any item(s) in any order as approved by the Board.

The public will be given the opportunity to directly address the Board on each listed item during the Board's consideration of that item. Public comment on items within the jurisdiction of the Board is welcomed, subject to reasonable time limitations for each speaker. Public documents relating to any open session item listed on this agenda that are distributed to all or any majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection at the District office at 730 L Street, Rio Linda, CA 95673. In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the District office at (916) 991-1000. Requests must be made as early as possible, and at least one full business day before the start of the meeting

**1. CALL TO ORDER, ROLL CALL**

**2. PUBLIC COMMENT**

*2.1. Members of the public are invited to speak to the Board regarding items within the subject matter jurisdiction of the District that are not on the agenda or items on the consent agenda. Each speaker may address the Board once under Public Comment for a limit of 2 minutes. (Policy Manual § 2.01.160).*

**3. CONSENT CALENDAR (Action items: Approve Consent Calendar Items)**

**3.1. Minutes**

April 19, 2021

*The Board is being asked to approve the Minutes from the April 19, 2021 Regular Board Meeting.*

**3.2. Expenditures**

*The Finance & Administrative Committee recommends the Board approve the March Expenditures.*

**3.3. Financial Reports**

*The Finance & Administrative Committee recommends the Board approve the March Financial Reports.*

**4. REGULAR CALENDAR  
ITEMS FOR DISCUSSION AND ACTION**

**4.1. GM Report.**

*4.1.1. The General Manager, Tim Shaw will provide his monthly report to the Board of Directors.*

**4.2. District Engineer's Report.**

*4.2.1. The Contract District Engineer will provide his monthly report to the Board of Directors.*

**4.3. Consider directing staff on preparation of the District's 2020 Urban Water Management Plan (UWMP).**

**4.4. Consider authorizing the annual list of doubtful recovery debt accounts pursuant to District policy.**

**4.5. Consider approving the Lactation Accommodations policy required by state law.**

**4.6. Consider increasing the authorized amount for purchasing a new (2021) dump truck.**

**4.7. Authorize any New Board Member Assignments (committees and other) Proposed by the Chair Pursuant to District Policy 2.01.065**

*4.7.1. Determine RLECWD Board Members' Interest in serving on the ACWA Region 4 Board.*

**5. INFORMATION ITEMS**

**5.1. District Activities Reports**

**5.1.1.** Water Operations Report

**5.1.2.** Conservation Report

**5.1.3.** Completed and Pending Items Report

**5.1.4.** Sacramento County Board of Supervisors workshop on Elverta Specific Plan

**5.1.5.** Current rate adjustment process notices and announcements.

**5.1.6.** Documents associated with population served by RLECWD for reporting/compliance.

**5.1.7.** General explanation of SB 606 and AB 1668

**5.2. Board Member Reports**

**5.2.1.** Report any ad hoc committees dissolved by requirements in Policy 2.01.065

**5.2.2.** Sacramento Groundwater Authority – Harris (primary), Reisig

**5.2.3.** Sacramento Groundwater Authority (with RWA and SCGA) 3x3- Reisig

**5.2.4.** Executive Committee – Jason Green, Robert Reisig

**5.2.5.** ACWA/JPIA – Ridilla

**5.2.6.** Sacramento County LAFCo, Special Districts Advisory Committee - Reisig

**6. DIRECTORS' AND GENERAL MANAGER COMMENTS**

**7. ADJOURNMENT**

Upcoming meetings:

Executive Committee

June 7, 2021, Monday, 6:00 pm remote meeting, in-person attendance option to be determined.

Board Meeting

June 21, 2021, Monday, 6:30 pm remote meeting and in-person attendance option anticipated per Governor's announcement.



**Consent Calendar  
Agenda Item: 3.1**

**Date:** May 17, 2021

**Subject:** Minutes

**Staff Contact:** Timothy R. Shaw, General Manager

**Recommended Committee Action:**

N/A -Minutes of Board meetings are not reviewed by committees.

**Current Background and Justification:**

These minutes are to be reviewed and approved by the Board of Directors.

**Conclusion:**

I recommend the Board review and approve (as appropriate) the minutes of meetings provided with your Board packets.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla: \_\_\_\_\_ Harris: \_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig \_\_\_\_\_.

(A) Yea (N) Nay (Ab) Abstain (Abs) Absent

**MINUTES OF THE APRIL 19, 2021  
BOARD OF DIRECTORS REGULAR MEETING  
OF THE RIO LINDA/ELVERTA COMMUNITY WATER DISTRICT**

**1. CALL TO ORDER, ROLL CALL**

The April 19, 2021 meeting of the Board of Directors of the Rio Linda/Elverta Community Water District called to order at 6:30 p.m. via Zoom Video Conference. (late due to technical difficulties experienced by Board Member seeking to participate) This meeting was held in accordance with executive order n-29-20, issued by California governor Gavin Newsom on March 17, 2020, the Ralph M. Brown act (California government code section 54950, et seq.), and the federal Americans with disabilities act. General Manager Tim Shaw took roll call of the Board of Directors. President Jason Green, Director Robert Reisig, Director Mary Harris, Director Chris Gifford, Director Ridilla and General Manager Tim Shaw, Legal Counsel Barbara Brenner, public member Stephanie Suela, and “Koda” were present.

**2. PUBLIC COMMENT**

Public Member Suela indicated she continues to oppose the recommended rate restructuring. Included in Ms. Suela’s stated reasons for opposing is the as of yet undefined elements of the outdoor water use efficiency. Ms. Suela indicated that she has read SB 606 and AB 1668 and does not find any reference to the 3.3 persons per household that was referenced at the March 15th Board meeting. Ms. Suela requests that the GM provide her with the details of the 3.3 persons per dwelling unit that is used to determine the gallons per day per person for SB 606 et al.

**3. CONSENT CALENDAR**

**3.1 Minutes – March 22, 2021**

**3.2 February Expenditures**

**3.3 February Financial Reports**

*It was moved by Director Ridilla and seconded by Director Reisig to approve the Consent Calendar. Directors Green, Ridilla, Gifford, Reisig and Harris voted yes. The motion carried with a roll call vote of 5-0-0.*

**REGULAR CALENDAR**

**4. ITEMS FOR DISCUSSION AND ACTION**

**4.1 General Manager’s Report**

The General Manager presented his monthly report and offered to answer any questions the Board may have. Among the answered questions were on the topics of the Sacramento County Board of Supervisors Workshop on Elverta Specific Plan. Director Harris requested clarification on the meeting with Enersponse X, a business seeking to enroll commercial electricity customers in demand response programs. The General Manager’s explanation of the potential infeasibility due to SMUD vs. PG&E (public vs. private utilities) resulted in comments from public member Suela asserting that SMUD has time of use pricing disincentives that should be leveraged to encourage water conservation and may lead to a finding that rate restructuring is not necessary for addressing the SB 606 and AB 1668 water use efficiency mandates. The General Manager was asked for more information on the meeting with Twin Rivers Unified School District (TRUSD). The General Manager characterized the TRUSD meeting to discuss potential impacts to TRUSD water bills from rates restructuring as productive and clarifying. The

General Manager further reported that TRUSD has assigned a contact person for further coordination on the subject of rates restructuring.

*The Board made no action on this item.*

#### **4.2 District Engineer's Report – Mike Vasquez**

Mike Vasquez provided a written report to the Board of projects in the works since the last meeting of the Board and offered to answer questions. The report highlighted topics of Development Reviews, Well 16 Pumping Station Construction Project.

Questions/comments included those on the status of Well 16 and requests if any further sampling has been performed. Director Green commented on the rapid progress occurring on the Fox Hallow subdivision.

*The Board made no action on this item.*

#### **4.2.2 Revised RFP for Pipe Replacement Project**

The Contract District Engineer presented his report and summarized the direction provided at the March 15<sup>th</sup> Board and April 5<sup>th</sup> Executive Committee meetings. Director Harris requested clarification on the pipe diameter and timing of the project commencement. The Contract District Engineer also responded to Directors' questions on the need for more resilient pipe materials when to accommodate higher flowrates when Well 16 Pumping Station goes into service.

*It was moved by Director Harris and seconded by Director Green to approve the revised RFP for pipe replacement and further direct staff to solicit responses. Directors Green, Ridilla, Gifford, Reisig and Harris voted yes. The motion carried with a roll call vote of 5-0-0.*

#### **4.3 Rate Adjustment Proposition 218 Notice**

The General Manager presented the item. Questions and comments from Directors and public member Suela included reiteration of the perceived lack of documented statutory delineation of the 3.3 persons per dwelling unit for determining compliance with the gallons per day per person mandates in SB 606. The General Manager explained that a concise explanation of the 3.3 persons per dwelling unit, which is consequent to the inapplicability of using the census population because RLECWD does not serve the entire Rio Linda and entire Elverta census designated places, can be found in the District's 2015 Urban Water Management Plan. The General Manager went on to convey parallel reporting requirements are included in the DRINC Portal (State Water Resource Control Board, Division of Drinking Water online reporting site).

Additional elements discussed included the 5-year (5 annual adjustments). Director Harris encouraged viewing the proposed rate adjustments as the maximum amount the rates will be at the end of 5-years. The General Manager explained that each years adjustment is subject to Board approval. The Prop 218 process requires disclosure of the maximum amount the rates could be. However, for example, the 5 annual adjustments assume a 3% annual inflation of costs of service. If one or more of those years entailed something less than 3%, the Board could implement a lower than authorized adjustment for that year. Public Member Suela reiterated her opposition to the rates adjustment.

The General Manager reviewed the timing of Board Actions needed to enable implementation of the proposed rates adjustment to be effective in July 2021. Director Green observed that the draft notice included in the packets contains highlighted sections to be filled in by Board action, e.g., the location of the public hearing. The General Manager reviewed the nature of the fill-in as a function of the evolving guidance for public gathering during the pandemic. The General Manager conveyed that he and Director Reisig had reviewed a half dozen Prop 218 Notices from water purveyors in our region having performed

the rates adjustment process during the pandemic. Each similarly situated water purveyor conducted their public hearings virtually (e.g., Zoom) exclusively, or a combination of virtual and in-person within the guidance provided for public gatherings. The General Manager suggested that the Board action for authorizing the Prop 218 Notice include authorizing the Chair and General Manager to fill in the public hearing location details as appropriate for the public hearing, especially noting the recent announcement from the governor on planned lifting of all restrictions on June 15<sup>th</sup> (6-days prior to the proposed public hearing date).

*It was moved by Director Reisig and seconded by Director Ridilla to approve the Proposition 218 Notice as described. Directors Green, Ridilla, Gifford, and Reisig voted yes. Director Harris voted no. The motion carried with a roll call vote of 4-1-0.*

#### **4.4 Engagement of Independent Auditor.**

The General Manager presented the item and explained the corrected misinformation. Misinformation inspired the recommendation of the April 5<sup>th</sup> Executive Committee, to perform a Request for Proposals (RFP) to engage a new firm for auditing. The existing auditing firm, Fechter and Company has performed to past six audits. The General Manager further explained that the relevant statute, CA Government Code 12410.6 allows for auditing beyond six consecutive years if the audit can be performed by a different licensed auditor at the same firm. Until recently, the District believed such alternative auditor at the same firm was unavailable. Mr. Scott German of Fechter and Company is available. Mr. German prefers a higher level of documentation associated with audit commencement be performed. The engagement documents included with this item reflect Mr. German's required audit commencement documentation.

*It was moved by Director Harris and seconded by Director Reisig to authorize the engagement of Mr. Scott German pursuant to Government Code 12410.6. Directors Green, Gifford, Reisig, Harris and Ridilla voted yes. The motion carried with a roll call vote of 5-0-0.*

#### **4.5 Waive Sealed Bid Requirements for Procuring a New Dump Truck**

The General Manager presented the item and summarized the District's policy for sealed bids for assets exceeding \$25,000. The GM further conveyed his efforts to use collective bidding programs (e.g., CMAS and National Joint Powers Purchasing Alliance or NJPA) available exclusively to government entities. CMAS does not offer dump trucks. Although NJPA has dump trucks, and the contracts indicate the dump trucks are 30% below MSRP, the NJPA price is more than \$10,000 more than a private dealer in Whittier, CA for the same 2021 F650 dump truck. In order to procure the Whittier dump truck and save the ratepayers at least \$10,000, the District would need to waive the sealed bid requirements in the relevant District policy.

*It was moved by Director Reisig and seconded by Director Gifford to waive the Districts sealed bid requirements for the procurement of a new dump truck and authorize the purchase not to exceed \$72,000 plus tax and fees. Green, Ridilla, Gifford, Reisig and Harris voted yes. The motion carried with a roll call vote of 5-0-0.*

#### **4.6 Authorize any New Board Member Assignments (committees and other) Proposed by the Chair Pursuant to District Policy 2.01.065**

No Public Comment on this item.

*The Board President announced there was no need for new Board Member assignments this month.*

## **5 INFORMATION ITEMS**

**5.1. DISTRICT ACTIVITY REPORT**

- 5.1.1. Water Operations - Report provided.
- 5.1.2. Conservation - Report Provided.
- 5.1.3 Completed and Pending Items Report- Report provided.

**5.2. BOARD REPORTS**

- 5.2.1. Report any ad hoc committees dissolved by requirements in Policy 2.01.065
- 5.2.2. Sacramento Groundwater Authority – Harris, Reisig.
- 5.2.3. Sacramento Groundwater Authority (RWA and SCGA) 3x3- Reisig- No Meeting.
- 5.2.4 Executive Committee – Green, Reisig - Minutes provided.
- 5.2.5. ACWA/JPIA – Ridilla - No Report
- 5.2.6 LAFCo Special District Advisory Committee – Reisig -No Meeting.

Each primary assigned Board Member was provided the opportunity to report. Director Reisig (3 X 3 Committee) announced that the 3 X 3 Committee has been obviated by the planned multi-agencies workshop to explore consolidation among Regional Water Authority, Sacramento Groundwater Authority and Sacramento Central Groundwater Authority.

**6. DIRECTORS' AND GENERAL MANAGER COMMENTS** – Director Harris complimented Director Green on the administration of this meeting

**7. ADJOURNMENT**

President Green adjourned the meeting at 8:15 p.m.  
Respectfully submitted,

\_\_\_\_\_  
Timothy R. Shaw, Secretary

\_\_\_\_\_  
Jason Green, President of the Board





**Consent Calendar  
Agenda Item: 3.2**

**Date:** May 17, 2021

**Subject:** Expenditures

**Staff Contact:** Timothy R. Shaw, General Manager

**Recommended Committee Action:**

The Executive Committee recommends approval of the Expenditures for the month of March 2021.

**Current Background and Justification:**

These expenditures have been completed since the last regular meeting of the Board of Directors.

**Conclusion:**

I recommend the Board approve the Expenditures for March 2021.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla: \_\_\_\_\_ Harris: \_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig \_\_\_\_\_.

**(A) Yea (N) Nay (Ab) Abstain (Abs) Absent**

**Rio Linda Elverta Community Water District**  
**Expenditure Report**  
**March 2021**

Type	Date	Num	Name	Memo	Amount
Liability Check	03/10/2021	EFT	QuickBooks Payroll Service	For PP Ending 03/06/21 Pay date 03/11/21	17,154.37
Liability Check	03/11/2021	EFT	CalPERS	For PP Ending 03/06/21 Pay date 03/11/21	2,748.78
Liability Check	03/11/2021	EFT	CalPERS	For PP Ending 03/06/21 Pay date 03/11/21	1,119.77
Liability Check	03/11/2021	EFT	Internal Revenue Service	Employment Taxes	6,718.36
Liability Check	03/11/2021	EFT	Employment Development	Employment Taxes	1,335.56
Bill Pmt -Check	03/11/2021	EFT	Adept	Computer Maintenance	1,208.00
Bill Pmt -Check	03/11/2021	EFT	Comcast	Phone/Internet	276.06
Liability Check	03/11/2021	EFT	Empower	Deferred Compensation Plan: Employer & Employee Share	1,896.46
Bill Pmt -Check	03/11/2021	EFT	PG&E	Utilities	111.39
Bill Pmt -Check	03/11/2021	EFT	Republic Services	Utilities	89.07
Bill Pmt -Check	03/11/2021	EFT	Umpqua Bank CC	Computer, Office, Postage, Pump Maint	1,432.86
Transfer	03/11/2021	EFT	RLECWD	Umpqua Bank Monthly Debt Service Transfer	16,500.00
Liability Check	03/11/2021	1622	Teamsters Local	Union Dues-Employee Paid	635.00
Check	03/11/2021	1623	Customer	Final Bill Refund	29.36
Check	03/11/2021	1624	Customer	Final Bill Refund	713.94
Bill Pmt -Check	03/11/2021	1625	ABS Direct	Postage & Printing	240.43
Bill Pmt -Check	03/11/2021	1626	ACWA/JPIA Powers Insurance Authority	EAP	25.70
Bill Pmt -Check	03/11/2021	1627	CoreLogic Solutions	Metro Scan	134.75
Bill Pmt -Check	03/11/2021	1628	Employee Relations	New Employee Screening	64.72
Bill Pmt -Check	03/11/2021	1629	Fieldman, Rolapp & Associates	Professional Fees-CalPERS Pension Fund Strategy	5,391.50
Bill Pmt -Check	03/11/2021	1630	Henrici, Mary	Retiree Insurance	900.00
Bill Pmt -Check	03/11/2021	1631	Intermedia.net	Phone/Internet	85.77
Bill Pmt -Check	03/11/2021	1632	Med 7 Urgent Care Center	New Employee Screening	165.00
Bill Pmt -Check	03/11/2021	1633	O'Reilly Automotive	Transportation Maintenance	39.84
Bill Pmt -Check	03/11/2021	1634	Pacific Shredding	Office Expense	27.00
Bill Pmt -Check	03/11/2021	1635	Rio Linda Elverta Recreation & Park	Meeting Fee	50.00
Bill Pmt -Check	03/11/2021	1636	Rio Linda Hardware & Building Supply	Shop Supplies	134.35
Bill Pmt -Check	03/11/2021	1637	Sacramento Suburban Water District	Professional Fees	455.83
Bill Pmt -Check	03/11/2021	1638	Spok, Inc.	Field Communication	15.40
Bill Pmt -Check	03/11/2021	1639	Two Brothers Cathodic Services	Annual Water Tank Service	800.00
Bill Pmt -Check	03/11/2021	1640	Unifirst Corporation	Uniforms	269.21
Bill Pmt -Check	03/11/2021	1641	Vanguard Cleaning Systems	Janitorial	195.00
Bill Pmt -Check	03/11/2021	1642	Water Rite Products	Pump Maintenance	90.00
Bill Pmt -Check	03/11/2021	1643	Ferguson Enterprises	Capital Improvement: Large Meters	4,021.88
Bill Pmt -Check	03/17/2021	EFT	ARCO	Transportation Fuel	565.11
Bill Pmt -Check	03/18/2021	EFT	WageWorks	FSA Administration Fee	76.25
Liability Check	03/24/2021	EFT	QuickBooks Payroll Service	For PP Ending 03/20/21 Pay date 03/25/21	17,586.95
Liability Check	03/25/2021	EFT	CalPERS	For PP Ending 03/20/21 Pay date 03/25/21	2,902.38
Liability Check	03/25/2021	EFT	CalPERS	For PP Ending 03/20/21 Pay date 03/25/21	1,119.77
Liability Check	03/25/2021	EFT	Internal Revenue Service	Employment Taxes	6,936.96
Liability Check	03/25/2021	EFT	Employment Development	Employment Taxes	1,361.42
Liability Check	03/25/2021	EFT	Empower	Deferred Compensation Plan: Employer & Employee Share	1,905.92
Liability Check	03/25/2021	EFT	Kaiser Permanente	Health Insurance	1,275.76



**Rio Linda Elverta Community Water District  
Expenditure Report  
March 2021**

Type	Date	Num	Name	Memo	Amount
Liability Check	03/25/2021	EFT	Principal	Dental & Vision Insurance	1,609.42
Liability Check	03/25/2021	EFT	Western Health Advantage	Health Insurance	9,491.61
Bill Pmt -Check	03/25/2021	EFT	Verizon	Field Communication, Field IT	573.98
Bill Pmt -Check	03/25/2021	EFT	Voyager	Transportation Fuel	116.51
Check	03/25/2021	EFT	RLECWD - Capital Improvement	Current Monthly Transfer	45,750.00
Check	03/25/2021	1644	Customer	Final Bill Refund	12.97
Bill Pmt -Check	03/25/2021	1645	BSK Associates	Lab Fees	2,555.00
Bill Pmt -Check	03/25/2021	1646	Buckmaster Office Solutions	Office Equipment Expense	42.64
Bill Pmt -Check	03/25/2021	1647	Churchwell White	Legal Fees	364.80
Bill Pmt -Check	03/25/2021	1648	EKI Environment & Water	Engineering	5,000.00
Bill Pmt -Check	03/25/2021	1649	Iconix Waterworks	Distribution Supplies	254.29
Bill Pmt -Check	03/25/2021	1650	Oreilly Automotive	Pumping Maintenance	128.94
Bill Pmt -Check	03/25/2021	1651	Pacific Premier Bank	Surcharge 2 Loan Payment	157,396.67
Bill Pmt -Check	03/25/2021	1652	Sacramento County Utilities	Utilities	113.70
Bill Pmt -Check	03/25/2021	1653	Sierra Chemical Company	Chemical Supplies	861.30
Bill Pmt -Check	03/25/2021	1654	Staples	Office Expense	127.95
Bill Pmt -Check	03/25/2021	1655	Tesco Controls	Field IT	1,041.05
Bill Pmt -Check	03/25/2021	1656	USA BlueBook	Shop Supplies	446.14
Bill Pmt -Check	03/25/2021	1657	Water Rite Products	Shop Supplies	36.86
Check	03/25/2021	1658	Customer	Final Bill Refund	255.76
Check	03/25/2021	1659	Customer	Final Bill Refund	94.66
Check	03/25/2021	1660	Customer	Final Bill Refund	52.23
Check	03/25/2021	1661	Customer	Final Bill Refund	79.82
Check	03/25/2021	1662	Customer	Final Bill Refund	12.62
<b>Total 10000 - Bank - Operating Account</b>					<b><u>325,224.80</u></b>

**Rio Linda Elverta Community Water District**  
**Expenditure Report**  
 March 2021

Type	Date	Num	Payee	Memo	Amount
Check	03/25/2021	EFT	RLECWD	Transfer Surcharge 2 Loan Payment	157,396.67
<b>10375 · Surcharge Account 2</b>					<b><u>157,396.67</u></b>

Type	Date	Num	Payee	Memo	Amount
Transfer	03/11/2021	EFT	RLECWD	CIP Expense Transfer: Refer to operating check numbers: 1643	4,021.88
<b>10385 · Pacific Premier Bank Checking</b>					<b><u>4,021.88</u></b>





## Consent Calendar Agenda Item: 3.3

**Date:** May 17, 2021

**Subject:** Financial Reports

**Staff Contact:** Timothy R. Shaw, General Manager

### **Recommended Committee Action:**

The Executive Committee recommends approval of the Districts Financial Reports for the month of March 2021.

### **Current Background and Justification:**

The financial reports are for the District's balance sheet, profit and loss, and capital improvements year to date.

These financials are to be presented to the Board of Directors in order to inform them of the District's current financial condition.

### **Conclusion:**

I recommend the Board approve the Financial Reports for March 2021.

### **Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_  
Ridilla:\_\_\_\_\_ Harris:\_\_\_\_\_ Jason Green\_\_\_\_\_ Gifford\_\_\_\_\_ Reisig\_\_\_\_\_.  
(A) Yea (N) Nay (Ab) Abstain (Abs) Absent

Rio Linda Elverta Community Water District

Balance Sheet

As of March 31, 2021



ASSETS

Current Assets

Checking/Savings

100 · Cash & Cash Equivalents

10000 · Operating Account

10020 · Operating Fund-Umpqua

841,660.00

Total 10000 · Operating Account

841,660.00

10475 · Capital Improvement

10480 · General

408,835.59

10481 · Cr6 Mitigation

454,500.00

10485 · Vehicle Replacement Reserve

15,000.00

Total 10450 · Capital Improvement

878,335.59

10490 · Future Capital Imp Projects

1,397,121.51

Total 100 · Cash & Cash Equivalents

3,117,117.10

102 · Restricted Assets

102.2 · Restricted for Debt Service

10700 · ZIONS Inv/Surcharge Reserve

524,319.71

10300 · Surcharge 1 Account

783,250.24

10350 · Umpqua Bank Debt Service

97,303.26

10380 · Surcharge 2 Account

199,452.58

10385 · OpusBank Checking

720,912.10

Total 102.2 · Restricted for Debt Service

2,325,237.89

102.4 · Restricted Other Purposes

10600 · LAIF Account

335,435.40

10650 · Operating Reserve Fund

301,782.04

Total 102.4 · Restricted Other Purposes

637,217.44

Total 102 · Restricted Assets

2,962,455.33

Total Checking/Savings

6,079,572.43

Accounts Receivable

50,700.00

Other Current Assets

12000 · Water Utility Receivable

529,548.06

12200 · Accrued Revenue

0.00

12250 · Accrued Interest Receivable

2,032.68

15000 · Inventory Asset

68,727.94

16000 · Prepaid Expense

47,570.70

Total Other Current Assets

647,879.38

Total Current Assets

6,778,151.81

Fixed Assets

17000 · General Plant Assets

709,029.25

17100 · Water System Facilites

22,564,097.62

17300 · Intangible Assets

373,043.42

17500 · Accum Depreciation & Amort

-9,894,836.59

18000 · Construction in Progress

2,498,738.27

18100 · Land

576,673.45

Total Fixed Assets

16,826,745.42

Other Assets

19000 · Deferred Outflows

227,638.00

19900 · Suspense Account

0.00

Total Other Assets

227,638.00

TOTAL ASSETS

23,832,535.23

## Rio Linda Elverta Community Water District

## Balance Sheet

As of March 31, 2021

## LIABILITIES &amp; EQUITY

## Liabilities

## Current Liabilities

Accounts Payable	4,208.44
Credit Cards	60.00
Other Current Liabilities	843,813.86

<b>Total Current Liabilities</b>	<b>848,082.30</b>
----------------------------------	-------------------

## Long Term Liabilities

23000 · OPEB Liability	115,693.00
23500 · Lease Buy-Back	656,542.27
25000 · Surcharge 1 Loan	3,833,912.47
25050 · Surcharge 2 Loan	2,790,040.16
26000 · Water Rev Refunding	1,806,855.00
27000 · Community Business Bank	244,415.94
29000 · Net Pension Liability	1,055,771.00
29500 · Deferred Inflows-Pension	20,431.00
29600 · Deferred Inflows-OPEB	82,332.00

<b>Total Long Term Liabilities</b>	<b>10,605,992.84</b>
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<b>Total Liabilities</b>	<b>11,454,075.14</b>
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## Equity

31500 · Invested in Capital Assets, Net	8,842,880.46
32000 · Restricted for Debt Service	705,225.24
38000 · Unrestricted Equity	2,121,845.12
Net Income	708,509.27

<b>Total Equity</b>	<b>12,378,460.09</b>
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<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>23,832,535.23</b>
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**Rio Linda Elverta Community Water District**  
**Operating Profit & Loss Budget Performance**  
**As of March 31, 2021**

9

	<u>Annual Budget</u>	<u>Mar 21</u>	<u>Jul 20-Mar 21</u>	<u>% of Annual Budget</u>	<u>YTD Annual Budget Balance</u>
<b>Ordinary Income/Expense</b>					
<b>Income</b>					
<b>Total 40000 · Operating Revenue</b>	2,719,575.00	234,729.52	2,026,682.15	74.52%	692,892.85
<b>41000 · Nonoperating Revenue</b>					
<b>41110 · Investment Revenue</b>					
41112 · Interest Revenue	400.00	16.72	200.72	50.18%	199.28
<b>Surcharge Total 41110 · Investment Revenue</b>	400.00	16.72	200.72	50.18%	199.28
<b>41120 · Property Tax</b>	88,500.00	0.00	60,478.30	68.34%	28,021.70
<b>Total 41000 · Nonoperating Revenue</b>	88,900.00	16.72	60,679.02	68.26%	28,220.98
<b>Total Income</b>	<u>2,808,475.00</u>	<u>234,746.24</u>	<u>2,087,361.17</u>	<u>74.32%</u>	<u>721,113.83</u>
<b>Gross Income</b>	2,808,475.00	234,746.24	2,087,361.17	74.32%	721,113.83
<b>Expense</b>					
<b>60000 · Operating Expenses</b>					
<b>60010 · Professional Fees</b>	135,000.00	6,714.80	80,142.48	59.37%	54,857.52
<b>60100 · Personnel Services</b>					
60110 · Salaries & Wages	729,867.00	53,611.35	515,171.18	70.58%	214,695.82
60150 · Employee Benefits & Expense	489,145.00	33,529.76	303,073.97	61.96%	186,071.03
<b>Total 60100 · Personnel Services</b>	<u>1,219,012.00</u>	<u>87,141.11</u>	<u>818,245.15</u>	<u>67.12%</u>	<u>400,766.85</u>
<b>60200 · Administration</b>	205,010.00	10,205.68	145,530.47	70.99%	59,479.53
<b>64000 · Conservation</b>	300.00	0.00	0.00	0.00%	300.00
<b>65000 · Field Operations</b>	436,400.00	22,020.00	286,926.82	65.75%	149,473.18
<b>Total 60000 · Operating Expenses</b>	1,995,722.00	126,081.59	1,330,844.92	66.69%	664,877.08
<b>69000 · Non-Operating Expenses</b>					
<b>69010 · Debt Service</b>					
69100 · Revenue Bond					
69105 · Principle	145,736.00	0.00	59,736.00	40.99%	86,000.00
69110 · Interest	57,490.00	0.00	29,191.24	50.78%	28,298.76
<b>Total 69100 · Revenue Bond</b>	<u>203,226.00</u>	<u>0.00</u>	<u>88,927.24</u>	<u>43.76%</u>	<u>114,298.76</u>
69125 · AMI Meter Loan					
69130 · Principle	48,281.00	0.00	49,788.94	103.12%	-1,507.94
69135 · Interest	10,233.00	0.00	8,724.98	85.26%	1,508.02
<b>Total 69125 · AMI Meter Loan</b>	<u>58,514.00</u>	<u>0.00</u>	<u>58,513.92</u>	<u>100.00%</u>	<u>0.08</u>
<b>Total 69010 · Debt Service</b>	<u>261,740.00</u>	<u>0.00</u>	<u>147,441.16</u>	<u>56.33%</u>	<u>114,298.84</u>
<b>69400 · Other Non-Operating Expense</b>	<u>2,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00%</u>	<u>2,000.00</u>
<b>Total 69000 · Non-Operating Expenses</b>	<u>263,740.00</u>	<u>0.00</u>	<u>147,441.16</u>	<u>55.90%</u>	<u>116,298.84</u>
<b>Total Expense</b>	<u>2,259,462.00</u>	<u>126,081.59</u>	<u>1,478,286.08</u>	<u>65.43%</u>	<u>781,175.92</u>
<b>Net Ordinary Income</b>	<u>549,013.00</u>	<u>108,664.65</u>	<u>609,075.09</u>		
<b>Net Income</b>	<u>549,013.00</u>	<u>108,664.65</u>	<u>609,075.09</u>		



**Rio Linda Elverta Community Water District**  
**CAPITAL BUDGET VS ACTUAL FISCAL YEAR 2020-21**  
 As of March 31, 2021

	GENERAL		VEHICLE REPLACEMENT		FUTURE CAPITAL IMPROVEMENT PROJECTS	
	Annual Budget	YTD Actual	Annual Budget	YTD Actual	Annual Budget	YTD Actual
<b>FUNDING SOURCES</b>						
Fund Transfers						
Operating Fund Transfers In	549,013.00	411,750.00	-	-	-	-
CIP Fund Intrafund Transfers	(456,670.00)	-	75,000.00	-	381,670.00	-
Beginning Balance Redistribution	(1,396,338.00)	(1,396,338.00)	-	-	1,396,338.00	1,396,338.00
Surcharge 2 Surplus Repayment	107,171.00	-	-	-	-	-
Investment Revenue	-	166.87	-	-	3,500.00	783.51
<b>PROJECTS</b>						
<b>A · WATER SUPPLY</b>	-					
A-1 · Miscellaneous Pump Replacements	40,000.00	-				
<b>Total A · WATER SUPPLY</b>	<b>40,000.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>B · WATER DISTRIBUTION</b>						
B-1 · Service Replacements	30,000.00	9,114.98	-	-	-	-
B-2 · Small Meter Replacements	120,000.00	67,932.39				
B-3 · Large Meter Replacements	5,000.00	4,021.88				
<b>Total B · WATER DISTRIBUTION</b>	<b>155,000.00</b>	<b>81,069.25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL BUDGETED PROJECT EXPENDITURES</b>	<b>195,000.00</b>	<b>81,069.25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Rio Linda Elverta Community Water District**  
**Capacity Revenue Profit & Loss Budget Performance**  
 January - March 2021

10

	<u>Annual Budget</u>	<u>Oct-Dec 20 Current QTR</u>	<u>Jul 20-Dec 20 YTD</u>	<u>% of Annual Budget</u>	<u>YTD Annual Budget Balance</u>
<b>Income</b>					
41000 · Non-Operating Revenue					
41110 · Investment Revenue					
41112 · Interest Revenue	2,000.00	504.17	2,234.39	111.72%	-234.39
	<u>2,000.00</u>	<u>504.17</u>	<u>2,234.39</u>	<u>111.72%</u>	<u>-234.39</u>
44100 · Capacity Fee Revenue	60,000.00	0.00	29,113.86	48.52%	30,886.14
<b>Total Income</b>	<u>62,000.00</u>	<u>504.17</u>	<u>31,348.25</u>	<u>50.56%</u>	<u>30,651.75</u>
<b>Gross Income</b>	<u>62,000.00</u>	<u>504.17</u>	<u>31,348.25</u>	<u>50.56%</u>	<u>30,651.75</u>
<b>Net Income</b>	<u>62,000.00</u>	<u>504.17</u>	<u>31,348.25</u>		

**Rio Linda Elverta Community Water District**  
**Surcharge 1 Profit & Loss Budget Performance**  
**January - March 2021**

	<u>Annual Budget</u>	<u>Jan-Mar 21 Current QTR</u>	<u>Jul 20-Mar 21 YTD</u>	<u>% of Annual Budget</u>	<u>YTD Annual Budget Balance</u>
<b>Income</b>					
41000 · Non-Operating Revenue					
41110 · Investment Revenue					
41111 · Dividend Revenue	0.00	2.49	24.22	100.0%	-24.22
41112 · Interest Revenue	11,000.00	2,047.22	6,364.54	57.86%	4,635.46
41113 · Market Value Adjustment	0.00	-2,238.23	-4,148.64	100.0%	4,148.64
	<u>11,000.00</u>	<u>-188.52</u>	<u>2,240.12</u>	<u>20.37%</u>	<u>8,759.88</u>
43010 · Surcharge 1 Revenue	523,374.00	175,154.30	378,661.88	72.35%	144,712.12
<b>Total Income</b>	<u>534,374.00</u>	<u>174,965.78</u>	<u>380,902.00</u>	<u>71.28%</u>	<u>153,472.00</u>
<b>Gross Income</b>	534,374.00	174,965.78	380,902.00	71.28%	153,472.00
<b>Expense</b>					
69150 · Surcharge 1 Loan					
69155 · Principle	360,494.24	0.00	179,096.11	49.68%	181,398.13
69160 · Interest	100,860.31	0.00	51,581.21	51.14%	49,279.10
69170 · Admin Fees	2,100.00	570.91	1,711.52	81.5%	388.48
<b>Total 69150 · Surcharge 1 Loan</b>	<u>463,454.55</u>	<u>570.91</u>	<u>232,388.84</u>	<u>50.14%</u>	<u>231,065.71</u>
<b>Total Expense</b>	<u>463,454.55</u>	<u>570.91</u>	<u>232,388.84</u>		
<b>Net Income</b>	<u><u>70,919.45</u></u>	<u><u>174,394.87</u></u>	<u><u>148,513.16</u></u>		

**Rio Linda Elverta Community Water District**  
**Surcharge 2 Profit & Loss Budget Performance**  
 January - March 2021

11

	<u>Annual Budget</u>	<u>Jan-Mar 21 Current QTR</u>	<u>Jul 20-Mar 21 YTD</u>	<u>% of Annual Budget</u>	<u>YTD Annual Budget Balance</u>
<b>Income</b>					
41000 · Non-Operating Revenue					
41110 · Investment Revenue					
41112 · Interest Revenue	800.00	70.23	1,215.35	151.92%	-415.35
	<u>800.00</u>	<u>70.23</u>	<u>1,215.35</u>	<u>151.92%</u>	<u>-415.35</u>
43050 · Surcharge 2 Revenue	439,019.00	145,741.15	315,073.61	71.77%	123,945.39
<b>Total Income</b>	<u>439,819.00</u>	<u>145,811.38</u>	<u>316,288.96</u>	<u>71.91%</u>	<u>123,530.04</u>
<b>Gross Income</b>	439,819.00	145,811.38	316,288.96	71.91%	123,530.04
<b>Expense</b>					
69175 · Surcharge 2 Loan					
69180 · Principle	220,000.00	110,000.00	220,000.00	100.0%	0.00
69185 · Interest	96,597.32	47,396.67	96,597.32	100.0%	0.00
<b>Total 69175 · Surcharge 2 Loan</b>	<u>316,597.32</u>	<u>157,396.67</u>	<u>316,597.32</u>	<u>100.0%</u>	<u>0.00</u>
<b>Total Expense</b>	<u>316,597.32</u>	<u>157,396.67</u>	<u>316,597.32</u>		
<b>Net Income</b>	<u>123,221.68</u>	<u>-11,585.29</u>	<u>-308.36</u>		

# CERBT Account Update

Rio Linda Elverta Community Water District

as of March 31, 2021

# OPEB Valuation Report Summary

OPEB Actuarial Valuation Report by Demsey, Filliger, and Associates	
Valuation Date	7/1/2019
Total OPEB Liability (TOL)	\$161,006
Valuation Assets	\$16,461
Net OPEB Liability (NOL)	\$144,545
Funded Status	10%
Actuarially Determined Contribution (ADC)	\$8,521
CERBT Asset Allocation Strategy	Strategy 2
Discount Rate	5.75%

# CERBT Account Summary

As of March 31, 2021	Strategy 2
Initial contribution (06/26/2019)	\$16,356
Additional contributions	\$20,000
Disbursements	\$0
CERBT expenses	(\$46)
Investment earnings	\$7,437
Total assets	\$43,747
Annualized net rate of return (06/26/2019-03/31/2021 = 1.76 years)	15.15%

## Cash Flow Summary by Fiscal Year

Fiscal Year	Contributions	Disbursements	Cumulative Investment Gains (Losses)	Cumulative Fees	Cumulative Ending Assets
2006-07	\$0	\$0	\$0	\$0	\$0
2007-08	\$0	\$0	\$0	\$0	\$0
2008-09	\$0	\$0	\$0	\$0	\$0
2009-10	\$0	\$0	\$0	\$0	\$0
2010-11	\$0	\$0	\$0	\$0	\$0
2011-12	\$0	\$0	\$0	\$0	\$0
2012-13	\$0	\$0	\$0	\$0	\$0
2013-14	\$0	\$0	\$0	\$0	\$0
2014-15	\$0	\$0	\$0	\$0	\$0
2015-16	\$0	\$0	\$0	\$0	\$0
2016-17	\$0	\$0	\$0	\$0	\$0
2017-18	\$0	\$0	\$0	\$0	\$0
2018-19	\$16,356	\$0	\$106	(\$0)	\$16,461
2019-20	\$20,000	\$0	\$2,447	(\$18)	\$38,785
as of 3/31/2021	\$0	\$0	\$7,437	(\$46)	\$43,747

# CERBT/ CEPPT Investment Returns Outperform Benchmarks

Periods ended February 28, 2021

Fund	Assets	1 Month	3 Months	FYTD	1 Year	3 Years	5 Years	10 Years	ITD
CERBT Strategy 1 (Inception June 1, 2007)	\$11,797,094,997	1.44%	4.61%	18.33%	20.42%	9.40%	11.03%	7.70%	5.87%
Benchmark		1.43%	4.56%	18.19%	20.01%	9.12%	10.60%	7.42%	5.44%
CERBT Strategy 2 (Inception October 1, 2011)	\$1,705,837,808	0.55%	2.58%	12.68%	14.64%	8.72%	9.36%	-	8.06%
Benchmark		0.54%	2.53%	12.55%	14.34%	8.50%	8.95%	-	7.76%
CERBT Strategy 3 (Inception January 1, 2012)	\$797,491,056	-0.17%	1.14%	8.23%	9.75%	7.78%	7.58%	-	6.28%
Benchmark		-0.17%	1.10%	8.14%	9.50%	7.62%	7.22%	-	5.97%
<b>CERBT Total</b>	<b>\$14,300,423,861</b>								
CEPPT Strategy 1 (Inception October 1, 2019)	\$19,364,172	0.47%	2.58%	12.15%	14.29%	-	-	-	10.94%
Benchmark		0.60%	2.64%	12.05%	14.41%	-	-	-	11.05%
CEPPT Strategy 2 (Inception January 1, 2020)	\$10,034,968	-0.52%	0.21%	4.87%	6.62%	-	-	-	6.61%
Benchmark		-0.46%	0.13%	4.69%	6.45%	-	-	-	6.44%
<b>CEPPT Total</b>	<b>\$29,399,140</b>								



## CERBT Expected Rates of Return & Risk

Portfolios	CERBT Strategy 1	CERBT Strategy 2	CERBT Strategy 3
Expected Return	7.59%	7.01%	6.22%
Risk	11.83%	9.24%	7.28%

## CERBT Portfolio Details

Asset Classification	Benchmark	CERBT Strategy 1	CERBT Strategy 2	CERBT Strategy 3
Global Equity	MSCI All Country World Index	59% ±5%	40% ±5%	22% ±5%
Fixed Income	Barclays Capital Long Liability Index (CERBT)	25% ±5%	43% ±5%	49% ±5%
Global Real Estate (REITs)	FTSE EPRA/NAREIT Developed Liquid Index	8% ±5%	8% ±5%	8% ±5%
Treasury Inflation Protected Securities (TIPS)	Barclays Capital Global Real: US TIPS Index	5% ±3%	5% ±3%	16% ±3%
Commodities	S&P GSCI Total Return Index	3% ±3%	4% ±3%	5% ±3%
Cash	3-Month Treasury Bill	0% +2%	0% +2%	0% +2%

## Total Participation Cost Fee Rate

- Total all-inclusive cost of participation
  - Combines administrative, custodial, and investment fees
  - Separate trust funds
  - Self-funded, fee rate may change in the future
  - Fee is applied daily to assets under management
    - 10 basis points - CERBT
    - 25 basis points - CEPPT

## CERBT/CEPPT Consistently Low Fee Rate History

Fiscal Year	CERBT	CEPPT
2007-2008	2.00 basis points	-
2008-2009	6.00 basis points	-
2009-2010	9.00 basis points	-
2010-2011	12.00 basis points	-
2011-2012	12.00 basis points	-
2012-2013	15.00 basis points	-
2013-2014	14.00 basis points	-
2014-2015	10.00 basis points	-
2015-2016	10.00 basis points	-
2016-2017	10.00 basis points	-
2017-2018	10.00 basis points	-
2018-2019	10.00 basis points	-
2019-2020	10.00 basis points	25.00 basis points
2020-2021	10.00 basis points	25.00 basis points

## 586 Prefunding Program Employers

580 CERBT and 30 CEPPT

- State of California
- 151 Cities or Towns
- 12 Counties
- 73 School Employers
- 31 Courts
- 319 Special Districts and other Public Agencies
  - (97 Water, 34 Sanitation, 33 Fire, 24 Transportation)

## Financial Reporting

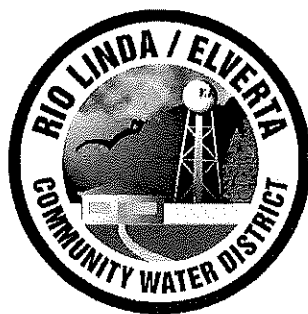
- CERBT is the Plan
  - Provides audited and compliant GASB 74 report in a Schedule of Changes in Fiduciary Net Position (FNP)
  - Published in February each year

FNP Fiscal Year	Availability
2015-16	Available at <a href="https://www.calpers.ca.gov/cerbt">https://www.calpers.ca.gov/cerbt</a>
2016-17	
2017-18	
2018-19	
2019-20	

## Questions? Where to Get Trust Fund Information?

Name	Title	E-mail	Desk	Mobile
Matt Goss	Outreach & Support Program Manager	<a href="mailto:Matthew.Goss@calpers.ca.gov">Matthew.Goss@calpers.ca.gov</a>	(916) 795-9071	(916) 382-6487
Karen Lookingbill	Outreach & Support Manager	<a href="mailto:Karen.Lookingbill@calpers.ca.gov">Karen.Lookingbill@calpers.ca.gov</a>	(916) 795-1387	(916) 501-2219
Jasper Jacobs	Outreach & Support Analyst	<a href="mailto:Jasper.Jacobs@calpers.ca.gov">Jasper.Jacobs@calpers.ca.gov</a>	(916) 795-0432	(916) 717-3886
Jean MacDonald	Outreach & Support Analyst	<a href="mailto:Jean.MacDonald@calpers.ca.gov">Jean.MacDonald@calpers.ca.gov</a>	(916) 795-0675	(916) 291-1325
Colleen Cain-Herrback	Administration & Reporting Program Manager	<a href="mailto:Colleen.Cain-Herrback@calpers.ca.gov">Colleen.Cain-Herrback@calpers.ca.gov</a>	(916) 795-2474	(916) 505-2506
Robert Sharp	Assistant Division Chief	<a href="mailto:Robert.Sharp@calpers.ca.gov">Robert.Sharp@calpers.ca.gov</a>	(916) 795-3878	(916) 397-0756

Program E-mail Addresses	Prefunding Programs Webpages
<a href="mailto:CERBT4U@calpers.ca.gov">CERBT4U@calpers.ca.gov</a> – Questions & Document Submittal	<a href="http://www.calpers.ca.gov/CERBT">www.calpers.ca.gov/CERBT</a>
<a href="mailto:CEPPT4U@calpers.ca.gov">CEPPT4U@calpers.ca.gov</a> – Questions & Document Submittal	<a href="http://www.calpers.ca.gov/CEPPT">www.calpers.ca.gov/CEPPT</a>
<a href="mailto:CERBTACCOUNT@calpers.ca.gov">CERBTACCOUNT@calpers.ca.gov</a> – Online Record Keeping System	



**Items for Discussion and Action  
Agenda Item: 4.1**

**Date:** May 17, 2021  
**Subject:** General Manager's Report  
**Staff Contact:** Timothy R. Shaw

**Recommended Committee Action:**

N/A this item is not reviewed by committee.

**Current Background and Justification:**

The General Manager will provide a written report of District activities over the period since the last regular Board meeting. The Board may ask for clarifications and may also provide direction in consideration of the reported activities.

**Conclusion:**

No Board action is anticipated for this item.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla:\_\_\_ Harris:\_\_\_ Jason Green \_\_\_ Gifford \_\_\_ Reisig\_\_\_\_.  
(A) Yea (N) Nay (Ab) Abstain (Abs) Absent



**Date:** May 17, 2021

**Subject:** General Manager Report

**Staff Contact:** Timothy R. Shaw, General Manager

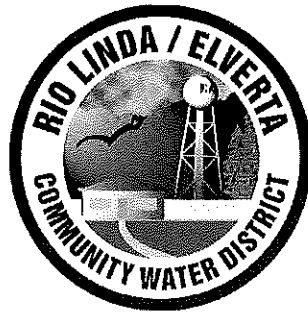
For the given month, I participated in the following reoccurring meetings and special events: H.R. tasks and responsibilities demanded my attention for this reporting period. There has been a marked increase in activity associated with the ongoing drought. Legislative actions and urgent dialog at regional meetings, e.g. Water Forum, ACWA, RWA etc.

1. On April 22nd, I met with the Contract District Engineer to discuss the 2020 Urban Water Management Plan (UWMP).
2. On May 4th, I participated in the ACWA Groundwater Quality Committee meeting. There was considerable discussion regarding the drought.
3. On May 5<sup>th</sup>, I participated in the Water Forum, Water Caucus meeting. The drought dominated the discussions. At times the meeting was somewhat contentious as Water Caucus members debated whether it is prudent to initiate a voluntary 10% conservation goal.
4. On May 6<sup>th</sup>, I participated in the ACWA Region 4 membership meeting. In addition to drought discussions, the meeting included an announcement for ACWA Region 4 Board Member elections. The odd part was that meeting participants, who already plan to run made campaign speeches, i.e. not exactly equal time for all eventual candidates.
5. On May 12th, the Operations Superintendent, the Contract District Engineer and I participated in an AWWA webinar on flow testing water distribution systems.
6. On May 13th, an HVAC service provider serviced one of the 3 HVAC units at the District office. They also installed an inlet filter assembly (which should have been installed when the unit was installed several years ago. They installed 3 WiFi thermostats, which should enable the District to save money via the ability to remotely control and schedule the HVAC units to the OFF mode for observed holidays. Additionally, areas of the office with zero inhabitants on employee absences can be easily set to off.

Additional items of interest:

The Sacramento County Board of Supervisors workshop on Elverta Specific Plan has now been scheduled for June 15<sup>th</sup>.

The April 2021 water consumption data the District reports online (Drinc Portal) shows the District is experiencing negative conservation. The District is using 14% MORE water, in gallons per day per person, in April 2021 than the District used in April 2013. In contrast, the Governor's recent drought declaration acknowledges that the whole state is using 13% less water, i.e. RLECWD is an exception.



**Items for Discussion and Action**  
**Agenda Item: 4.2**

**Date:** May 17, 2021

**Subject:** District Engineer's Report

**Staff Contact:** Mike Vasquez, District Engineer

**Recommended Committee Action:**

N/A this item is not discussed at committees.

**Current Background and Justification:**

The District Engineer will provide a written report to the Board of Directors on engineering activities since the previous monthly meeting. The Board may ask for clarifications and may also provide direction in response to the report.

**Conclusion:**

There is no Board action anticipated for this item.



12 May 2021

## DISTRICT ENGINEER'S REPORT

To: Tim Shaw, General Manager, Rio Linda / Elverta Community Water District

From: Mike Vasquez, PE, PLS, Principal (EKI), District Engineer (RL/ECWD)

Subject: **District Engineer's Report for the 17 May 2021 Board of Directors Meeting**

The District Engineer is pleased to submit this brief update of duties and tasks performed for the period of 15 April 2021 to 12 May 2021:

### 1. General District Engineering:

- Reviewed the California Department of Water Resources (DWR) Landscape Area Estimates Project Report dated March 30, 2021 and prepared by Quantum Spatial, Inc., an NV5 Company. This report is part of the State's process of determining the amount of irrigable area within the District's Service Area for implementation of outdoor efficient water use as required by SB 606 and AB 1668. The purpose of reviewing the report was to compare the assumed District Service Area boundary used by DWR in their Geographic Information System (GIS) to District internal boundary maps. This review found inconsistencies with the DWR GIS boundary affecting 10 parcels. A response letter addressing these inconsistencies was sent to DWR on 5/12/2021.

### 2. Active Development Reviews:

- Fox Hollow Residential Development (28 lots 6<sup>th</sup> Street between Q Street and S Street): The Operations Superintendent and District Engineer performed a site visit on 4/29/2021 to assess construction schedule regarding project connection to the District's water system. The developer's construction contractor continues to perform site earthwork grading operations and appears be 1-2 months away from and water facility construction.
- 6221 16th Street Phase 2 Worship Facility Development (Northwest corner G Street and 16th Street): The Operations Superintendent and District Engineer performed a site visit on 4/29/2021 also to assess construction schedule regarding project connection to the District's water system. Much of the onsite water piping was installed (not within the District's jurisdiction to inspect) and it appears that connection to the District's water system may occur within the next 30 days. District staff will be present during the construction of the connection to ensure District standards are met.

### 3. Well 16 Pump Station Construction Project:

- The Operations Superintendent, Operations Staff, and District Engineer attended an inspection conducted by the State Water Resources Control Board Division of Drinking Water (DDW) staff at the Well 16 Site on 4/29/2021. DDW staff was satisfied with the results of the inspection and continued with preparation and processing of the well's operation permit. DDW staff submitted

Tim Shaw, General Manager, RL/ECWD  
District Engineer's Report  
12 May 2021  
Page 2 of 2



the permit to DDW senior staff for approval and signature on 5/4/2021. District staff checked in with DDW on 5/12/2021 and was told that "approval/signature" of the permit is still in process.

**4. CIP Pipe Replacement Project Request for Proposals (RFP):**

- The RFP to replace water pipeline in Dry Creek Road is in the construction contractor solicitation phase. There appears to be more interest in the current project due to the increase of pipeline to be installed. Proposals are due on 6/4/2021 at 2 PM.

Please contact me directly at the office (650) 292-9112, cell phone (530) 682-9597, or email at [mvasquez@ekiconsult.com](mailto:mvasquez@ekiconsult.com) with any questions or require additional information.

Very truly yours,

Mike Vasquez, PE, PLS  
Principal (EKI), District Engineer (RL/ECWD)



## Items for Discussion and Action

### Agenda Item: 4.3

**Date:** May 17, 2021

**Subject:** Preparation of 2020 Urban Water Management Plan (UWMP)

**Staff Contact:** Timothy R. Shaw and Mike Vasquez

#### **Recommended Committee Action:**

The 5-3-2021 Executive Committee forwarded this item onto the May 17<sup>th</sup> Board agenda with the Executive Committee's recommendation that the Board authorize initiation of a professional services engagement process for preparing the District's 2020 UWMP.

#### **Current Background and Justification:**

This item was discussed by the Executive Committee on 4/5/2021 resulting in the Committee's request for staff to develop a pros/cons list to preparing the UWMP. This list was presented to and discussed by the Executive Committee on 5/3/2021 resulting in the Committee forwarding an agenda item to the Board of Director's Meeting on 5/17/2021 for discussion and action. The Board of Directors should discuss/consider the following:

1. The merits of preparing and adopting a 2020 UWMP. If the Board desires for the UWMP plan to be prepared, the Board should also discuss and consider the following options:
  - a. Direct the contract District Engineer's firm EKI Environment & Water, Inc. (EKI) to prepare the UWMP, or
  - b. Direct staff to begin the Request for Proposals (RFP) process to solicit proposals from consultants to prepare the UWMP.

Department of Water Resources (DWR) statutes require the District to adopt an updated UWMP every 5-years. There are no measurable penalties for failing to adopt an UWMP, except the eligibility for State grants and low-interest loans. Such a relationship between eligibility for grants and loans was previously more consistent with the integration of UWMP demand management measures or best management practices contained in the UWMPs and California Urban Water Conservation Council MOU. The MOU was terminated between the 2015 cycle and the 2020 cycle. The incentive for

grant/loan eligibility has been supplanted with the deterrent of \$10,000 per day fines for failing to achieve water use efficiency. It no longer matters how urban water purveyors achieve water use efficiency, i.e. which Best Management Practices a District deploys. It only matters if the water purveyor achieves water use efficiency objective for indoor, outdoor, Commercial Industrial Institutional (CII), and water loss.

The pros/cons list developed for the Executive Committee is as follows:

Pros:

- Keeps the District grant eligible
- Prudent water supply management
- Consistent with what mainstream water systems do
- Addresses water shortage contingency plan (important with current and upcoming drought conditions)
- Addresses water conservation

Cons:

- Cost to prepare \$50,000
- No guarantee that grant funding will be available and/or needed
- No penalty for NOT preparing an UWMP with the exception that the District will be ineligible for grant funding.
- Even if the District funds, adopts and receives DWR approval of its 2020 UWMP, grant/loan eligibility may still be withheld for failing to achieve all required water use efficiency objectives.

EKI is currently preparing over 40 UWMP's (roughly 10% of all UWMP's) for urban water purveyors throughout California and is well qualified to prepare the District's UWMP at the discretion of the Board of Directors. Contracting with EKI to prepare the UWMP would be through a task order. The schedule to complete the UWMP is approximately 4 months after task order execution.

Should the Board of Directors choose to begin the RFP process to solicit proposals from consultants to prepare the UWMP, the schedule to complete the UWMP would be extended, and the District resources impacted accordingly.

**Conclusion:**

Staff recommends the Board first determine if preparing a 2020 UWMP is warranted. If so, then the Board should stipulate the method of professional services engagement, EKI task order or initiate an RFP process.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla:\_\_\_\_\_ Harris:\_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig\_\_\_\_\_.

**(A) Yea (N) Nay (Ab) Abstain (Abs) Absent**

RLECWD Agenda Item Checklist

Item 4.3

Date

**Initial Potential Meeting Date**

05/17/2021

Circle High/Medium/Low priority of Item and Identify if in line with Mission/  
Goal/Strategic Planning issues or state of emergency

**Consider directing staff on preparation of the District's 2020 Urban Water Management Plan (UWMP)**

04/29/2021

**Staff Work Completed**

(Includes reviewing, researching item with other resources (ACWA, JPIA, RWA, SGA, other Water or special districts, District Engineer, Legal Counsel then laying out business cases, pros and cons, options and recommendations based on best information available, etc.

**Committee Review of Item and Staff Work**

05/03/2021

Review by appropriate Executive or Ad Hoc Committees, to prepare board recommendations

**Formal Legal Counsel Review**

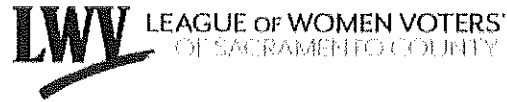
Legal Counsel should have enough time to review all potential legal matters for correctness and legality

**GM Review**

05/13/2021

**Actual Meeting Date Set for Agenda Item**

05/17/2021



May 12, 2021

Mr. Jim Peifer, Executive Director, RWA [jpeifer@rwah2o.org](mailto:jpeifer@rwah2o.org)

Sent via email

Subject: Development of the 2020 Urban Water Management Plan (UWMP)

Dear Mr. Peifer,

The development of the 2020 Urban Water Management Plan (UWMP) including the Water Shortage Contingency Plan (WSCP) lacks a full, open, and meaningful public participation process. State law provides a minimum 14-day public notice prior to the adoption hearing. but in view of the fact that the U.S. Drought Monitor, a weekly hydrological analysis by the federal government, shows 93% of California in either "severe," "extreme" or exceptional" drought, this suggests a public voice is more important now than ever.

Communities throughout the region are concerned about the availability of water for drinking, the environment and affordability issues. Climate change magnifies these concerns. The assumptions and projections documented in the Urban Water Management Plans, and the specific conservation and efficiency programs planned are of great interest to the community.

In these times, the following two models of participation make more sense: (1) The three groundwater sustainability planning processes under the Sustainable Groundwater Management Act (SGMA) make extensive efforts beyond the minimal legal requirements to involve the public. The three Groundwater Sustainability Plan (GSP) planning processes have held stakeholder meetings and formal public meetings to involve and educate the public on the issues affecting our groundwater. In addition, the public can review technical presentations and documents on the region's groundwater, and initial draft segments of the GSPs, well before the Plans are released for formal public review. (2) The Los Angeles Department of Water and Power has had an ongoing public participation process tracking the development of its UWMP and WSCP, which has allowed a wide array of interests to participate and comment on the plans' technical documents and drafts well before the draft plans are being considered for adoption. Yet here in the Sacramento region we are aware of only one plan that was released for public review in April, and it appears that some of the larger water purveyors intend to release their plans 2-3 weeks in advance of their planned adoption hearings. This is insufficient because these plans will be hundreds of pages in length and will contain extensive technical information.

We strongly urge you to immediately begin a public outreach effort to involve the public in the development of the UWMP. The adoption of the plan should be postponed until a draft has had at least 45 days of public review, followed by a formal response to public comment, and then consideration of a final draft for adoption after the required 14 days of public review. While the State of California has established a date by which the UWMP is to be submitted, we urge you to petition the State for additional time to allow for a full and complete public airing of the document.

Sincerely,



Ralph Propper  
President, ECOS



Barbara Leary  
President, Sierra Club Sacramento Group



Suzi Bakker  
President, League of Women Voters Sacramento County

CC: Jessica Law, Executive Director, Water Forum, [jlaw@waterforum.org](mailto:jlaw@waterforum.org)

EXECUTIVE DEPARTMENT  
STATE OF CALIFORNIA

23

## PROCLAMATION OF A STATE OF EMERGENCY

**WHEREAS** climate change is intensifying the impacts of droughts on our communities, environment, and economy, and California is in a second consecutive year of dry conditions, resulting in drought or near-drought throughout many portions of the State; and

**WHEREAS** recent warm temperatures and extremely dry soils have further depleted the expected runoff water from the Sierra-Cascade snowpack, resulting in a historic and unanticipated estimated reduction of 500,000 acre feet of water – or the equivalent of supplying water for up to one million households for one year – from reservoirs and stream systems, especially in the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watersheds; and

**WHEREAS** the extreme drought conditions through much of the State present urgent challenges, including the risk of water shortages in communities, greatly increased wildfire activity, diminished water for agricultural production, degraded habitat for many fish and wildlife species, threat of saltwater contamination of large fresh water supplies conveyed through the Sacramento-San Joaquin Delta, and additional water scarcity if drought conditions continue into next year; and

**WHEREAS** Californians have saved water through conservation efforts, with urban water use approximately 16% below where it was at the start of the last drought years, and I encourage all Californians to undertake actions to further eliminate wasteful water practices and conserve water; and

**WHEREAS** on April 21, 2021, I issued a proclamation directing state agencies to take immediate action to bolster drought resilience and prepare for impacts on communities, businesses, and ecosystems, and proclaiming a State of Emergency to exist in Mendocino and Sonoma counties due to severe drought conditions in the Russian River Watershed; and

**WHEREAS** additional expedited actions are now needed in the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watersheds; and

**WHEREAS** it is necessary to expeditiously mitigate the effects of the drought conditions within the Klamath River Watershed Counties (Del Norte, Humboldt, Modoc, Siskiyou, and Trinity counties), the Sacramento-San Joaquin Delta Watershed Counties (Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Shasta, Sierra, Siskiyou, Solano, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba counties), and the Tulare Lake Watershed Counties (Fresno, Kern, Kings, and Tulare counties) to ensure the protection of health, safety, and the environment; and

**WHEREAS** under Government Code Section 8558(b), I find that the conditions caused by the drought conditions, by reason of their magnitude, are or are likely to be beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to appropriately respond; and



**WHEREAS** under Government Code Section 8625(c), I find that local authority is inadequate to cope with the drought conditions; and

**WHEREAS** to protect public health and safety, it is critical the State take certain immediate actions without undue delay to prepare for and mitigate the effects of, the drought conditions statewide, and under Government Code Section 8571, I find that strict compliance with various statutes and regulations specified in this proclamation would prevent, hinder, or delay the mitigation of the effects of the drought conditions in the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watershed Counties.

**NOW THEREFORE, I, GAVIN NEWSOM**, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes, including the California Emergency Services Act, and in particular, Section 8625, **HEREBY PROCLAIM A STATE OF EMERGENCY** to exist in the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watershed Counties due to drought.

**IT IS HEREBY ORDERED THAT:**

1. The orders and provisions contained in my April 21, 2021 Proclamation remain in full force and effect, except as modified. State agencies shall continue to implement all directions from that proclamation and accelerate implementation where feasible.
2. To ensure that equipment and services necessary for drought response can be procured quickly, the provisions of the Government Code and the Public Contract Code applicable to procurement, state contracts, and fleet assets, including, but not limited to, advertising and competitive bidding requirements, are hereby suspended to the extent necessary to address the effects of the drought in the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watershed Counties. Approval of the Department of Finance is required prior to the execution of any contract entered into pursuant to this provision.
3. To support voluntary approaches where hydrology and other conditions allow, the Department of Water Resources and the State Water Resources Control Board (Water Board) shall expeditiously consider requests to move water, where appropriate, to areas of need, including requests involving voluntary water transfers, forbearance agreements, water exchanges, or other means. Specifically, the Department of Water Resources and Water Board shall prioritize transfers that retain a higher percentage of water in upstream reservoirs on the Sacramento, Feather, and American Rivers for release later in the year. If necessary, the Department of Water Resources shall request that the Water Board consider changes to water rights permits to enable such voluntary movements of water. For actions taken in the Klamath River and Sacramento-San Joaquin Delta Watershed Counties pursuant to this paragraph, the following requirements of the Water Code are suspended:
  - a. Section 1726(d) requirements for written notice and newspaper publication, provided that the Water Board shall post notice on its website and provide notice through electronic subscription services where interested persons can request information about temporary changes; and

- b. Section 1726(f) requirement of a 30-day comment period, provided that the Water Board shall afford a 15-day comment period.
4. To ensure adequate, minimal water supplies for purposes of health, safety, and the environment, the Water Board shall consider modifying requirements for reservoir releases or diversion limitations—including where existing requirements were established to implement a water quality control plan—to conserve water upstream later in the year in order to protect cold water pools for salmon and steelhead, improve water quality, protect carry over storage, or ensure minimum health and safety water supplies. The Water Board shall require monitoring and evaluation of any such changes to inform future actions. For actions taken in the Sacramento-San Joaquin Delta Watershed Counties pursuant to this paragraph, Water Code Section 13247 is suspended.
5. To ensure protection of water needed for health, safety, and the environment in the Klamath River and Sacramento-San Joaquin Delta Watershed Counties, the Water Board shall consider emergency regulations to curtail water diversions when water is not available at water right holders' priority of right or to protect releases of stored water. The Department of Water Resources shall provide technical assistance to the Water Board that may be needed to develop appropriate water accounting for these purposes in the Sacramento-San Joaquin Delta Watershed.
6. To ensure critical instream flows for species protection in the Klamath River and Sacramento-San Joaquin Delta Watersheds, the Water Board and Department of Fish and Wildlife shall evaluate the minimum instream flows and other actions needed to protect salmon, steelhead, and other native fishes in critical streams systems in the State and work with water users and other parties on voluntary measures to implement those actions. To the extent voluntary actions are not sufficient, the Water Board, in coordination with the Department of Fish and Wildlife, shall consider emergency regulations to establish minimum drought instream flows.
7. Operative paragraph 4 of my April 21, 2021 Proclamation is withdrawn and superseded by the following, which shall apply to the Russian River Watershed identified in my April 21, 2021 Proclamation as well as the Klamath River, Sacramento-San Joaquin Delta, and Tulare Lake Watershed Counties:

To prioritize drought response and preparedness resources, the Department of Water Resources, the Water Board, the Department of Fish and Wildlife, and the Department of Food and Agriculture, in consultation with the Department of Finance, shall:

- a. Accelerate funding for water supply enhancement, water conservation, or species conservation projects.
- b. Identify unspent funds that can be repurposed to enable projects to address drought impacts to people, ecosystems, and economic activities.
- c. Recommend additional financial support for groundwater substitution pumping to support Pacific flyway habitat needs in the lower Sacramento River and Feather River portions of the Central Valley in the Fall of 2021.

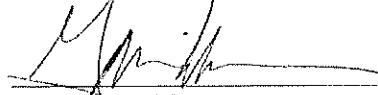
8. Consistent with operative paragraph 13 of my April 21, 2021 Proclamation, the Department of Water Resources shall take actions, if necessary, to implement plans that address potential Delta salinity issues. Such actions may include, among other things, the installation and removal of, Emergency Drought Salinity Barriers at locations within the Sacramento-San Joaquin Delta Estuary. These barriers shall be designed to conserve water for use later in the year to meet state and federal Endangered Species Act requirements, preserve to the extent possible water quality in the Delta, and retain water supply for human health and safety uses. The Water Board and the Department of Fish and Wildlife shall immediately consider any necessary regulatory approvals needed to install Emergency Drought Salinity Barriers. For actions taken pursuant to this paragraph, Section 13247 and the provisions of Chapter 3 (commencing with Section 85225) of Part 3 of Division 35 of the Water Code are suspended.
  
9. To support the movement of water from areas of relative plenty to areas of relative scarcity in the Sacramento-San Joaquin Delta and Tulare Lake Watershed Counties, the Department of Water Resources shall expedite the consideration and, where appropriate, the implementation of pump-back delivery of water through the State Water Project on behalf of local water agencies.
  
10. To proactively prevent situations where a community runs out of drinking water, the Water Board, the Department of Water Resources, the Office of Emergency Services, and the Office of Planning and Research shall assist local agencies in identifying acute drinking water shortages in domestic water supplies, and shall work with local agencies in implementing solutions to those water shortages.
  
11. For purposes of carrying out or approving any actions contemplated by the directives in operative paragraphs 3, 4, 5, 6, 8, and 9, the environmental review by state agencies required by the California Environmental Quality Act in Public Resources Code, Division 13 (commencing with Section 21000) and regulations adopted pursuant to that Division are hereby suspended to the extent necessary to address the impacts of the drought in the Klamath River, Sacramento-San Joaquin Delta and Tulare Lake Watershed Counties. For purposes of carrying out the directive in operative paragraph 10, for any (a) actions taken by the listed state agencies pursuant to that directive, (b) actions taken by a local agency where the Office of Planning and Research concurs that local action is required, and (c) permits necessary to carry out actions under (a) or (b), Public Resources Code, Division 13 (commencing with Section 21000) and regulations adopted pursuant to that Division are hereby suspended to the extent necessary to address the impacts of the drought in counties where the Governor has proclaimed a drought state of emergency. The entities implementing these directives shall maintain on their websites a list of all activities or approvals for which these provisions are suspended.
  
12. To ensure transparency in state agency actions, the Water Board and Department of Water Resources will maintain on their websites a list of the activities or approvals by their agencies for which provisions of the Water Code are suspended under operative paragraphs 3, 4, or 8 of this proclamation.

13. To ensure that posting and dissemination of information related to drought emergency activities is not delayed while accessible versions of that information are being created, Government Code Sections 7405 and 11546.7 are hereby suspended as they pertain to the posting of materials on state agency websites as part of responding to the drought emergency, provided that any state agencies failing to satisfy these code sections shall make and post an accessible version on their websites as soon as practicable.

This proclamation is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

**I FURTHER DIRECT** that as soon as hereafter possible, this proclamation be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this proclamation.

**IN WITNESS WHEREOF** I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 10th day of May 2021.



GAVIN NEWSOM  
Governor of California

**ATTEST:**

\_\_\_\_\_  
SHIRLEY N. WEBER, PH.D.  
Secretary of State

# Rio Linda Elverta Community Water District

## 2015 Urban Water Management Plan



**June 2016**

J. CROWLEY GROUP  
WATER RESOURCES PLANNING AND POLICY

# Rio Linda Elverta Community Water District

## 2015 Urban Water Management Plan



June 2016



J. CROWLEY GROUP  
WATER RESOURCES PLANNING AND POLICY

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## 1 Introduction

The Urban Water Management Act (Act) became part of the California Water Code with the passage of Assembly Bill 797 during the 1983-1984 regular session of the California Legislature. The California Water Code requires every urban water supplier providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually to adopt and submit an Urban Water Management Plan (UWMP) every five years to the California Department of Water Resources (DWR). The specific planning requirements are in the California Water Code Division 6, Part 2.6 Urban Water Management Planning.

Subsequent legislation has been passed that updates and provides for additional requirements for UWMPs and water management. In particular, SB 7X 7 Water Conservation, requires the state to achieve a 20 percent reduction in urban per capita water use by December 31, 2020, known as 20x2020. 20x2020 requirements are incorporated into the 2015 UWMP requirements. In summary, the UWMP must include the baseline demand analysis, water use target analysis use for 2015 and 2020, and present a compliance plan to achieve the target demand reductions in the UWMP.

The core requirements for the UWMP include:

- A description of the water service area.
- A description of the existing and planned supply sources.
- Estimates of past, present, and projected water use.
- 20x2020 analysis and target compliance.
- A description of water conservation Demand Management Measures (DMMs) already in place and planned, and other conservation measures.
- A description of the Water Shortage Contingency Plan.

The 2015 UWMP must submit data in specific tables to the DWR. DWR has provided these tables, and this UWMP utilizes the provided tables without changes to format or organization. The Rio Linda / Elverta Community Water District (RLECWD) 2015 UWMP presents each required element per the Department of Water Resources (DWR) 2015 Urban Water Management Plan Guidelines.

## 2 Plan Preparation

RLECWD provides potable water service to over 3,000 connections per year and is therefore required to complete the UWMP process. Tables 2-1 and through 2-4 lists the UWMP background information as required by DWR.

Table 2-1 Retail Only: Public Water Systems			
Public Water System Number	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015
3410018	Rio Linda Elverta Community Water District	4,620	2,109
<b>TOTAL</b>		<b>4,620</b>	<b>2,109</b>

Table 2-2: Plan Identification (Select One)	
<input checked="" type="checkbox"/>	Individual UWMP
<input type="checkbox"/>	Regional UWMP (RUWMP)

Table 2-3: Agency Identification	
Type of Agency (select one or both)	
<input type="checkbox"/>	Agency is a wholesaler
<input checked="" type="checkbox"/>	Agency is a retailer
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
Units of Measure Used in UWMP (select from Drop down)	
Unit	Acre feet

Table 2-4 Retail: Water Supplier Information Exchange	
The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.	
Wholesale Water Supplier Name (Add additional rows as needed)	
none	

## **2.1 Coordination and Notification**

The Sacramento area water agencies have developed a proactive approach to planning and managing water resources throughout the area. The District is a member and actively participates in the two main regional water supplier organizations, Regional Water Authority (RWA) and the Sacramento Groundwater Authority (SGA). The RWA consists of most of the region's water agencies and focuses efforts on regional supply planning and representation efforts regarding state-wide water issues. The SGA focuses primarily on the area's groundwater basin and helps support proactive management and monitoring of the basin to maintain sustainability. Many of the programs and efforts described within this UWMP that support the regional water supply needs are coordinated through RWA, SGA, and individual water purveyors.

## **2.2 Water Forum**

The Water Forum Agreement (WFA) was developed by a diverse group of business, agricultural, environmental, local government, and water agency leaders. The purpose of the SGA is to fulfill two co-equal goals:

- Provide a reliable and safe water supply for the region's economic health and planned development to the year 2030; and
- Preserve the fishery, wildlife, recreational, and aesthetic values of the lower American River.

The WFA provides seven major elements that guide water resources management.

1. Increased surface water diversions
2. Actions to meet customers needs while reducing diversion impacts in drier years
3. An improved pattern of fishery flow releases from Folsom Reservoir
4. Lower American River Habitat Management Element which also addresses recreation on the lower American River
5. Water conservation
6. Groundwater management
7. Water Forum successor effort

The WFA impacts surface water availability to the region during certain dry years. Depending on the inflow of water into Folsom Reservoir, water agencies are expected to curtail surface water diversions. The WFA envisions that water agencies will meet customer demands during the dry year cutback's through a mix of conjunctive use and conservation programs to reduce customer demands.

The RLECWD is a signatory to the WFA and participates in conjunctive use planning efforts through the Regional Water Authority and the Sacramento Groundwater Authority in efforts to implement the seven major elements of the WFA. The District is also required to implement conservation programs per the WFA purveyor-specific agreement. The entire Water Forum Agreement is available at [www.waterforum.org](http://www.waterforum.org).

### 3 System Description

The RLECWD was formed in 1948 as an independent publicly-owned special utilities district to serve water to the Rio Linda and Elverta communities. The District is located in north Sacramento County, approximately eight miles north of downtown Sacramento. The District is surrounded by four other water agencies as shown in Figure 3-1.

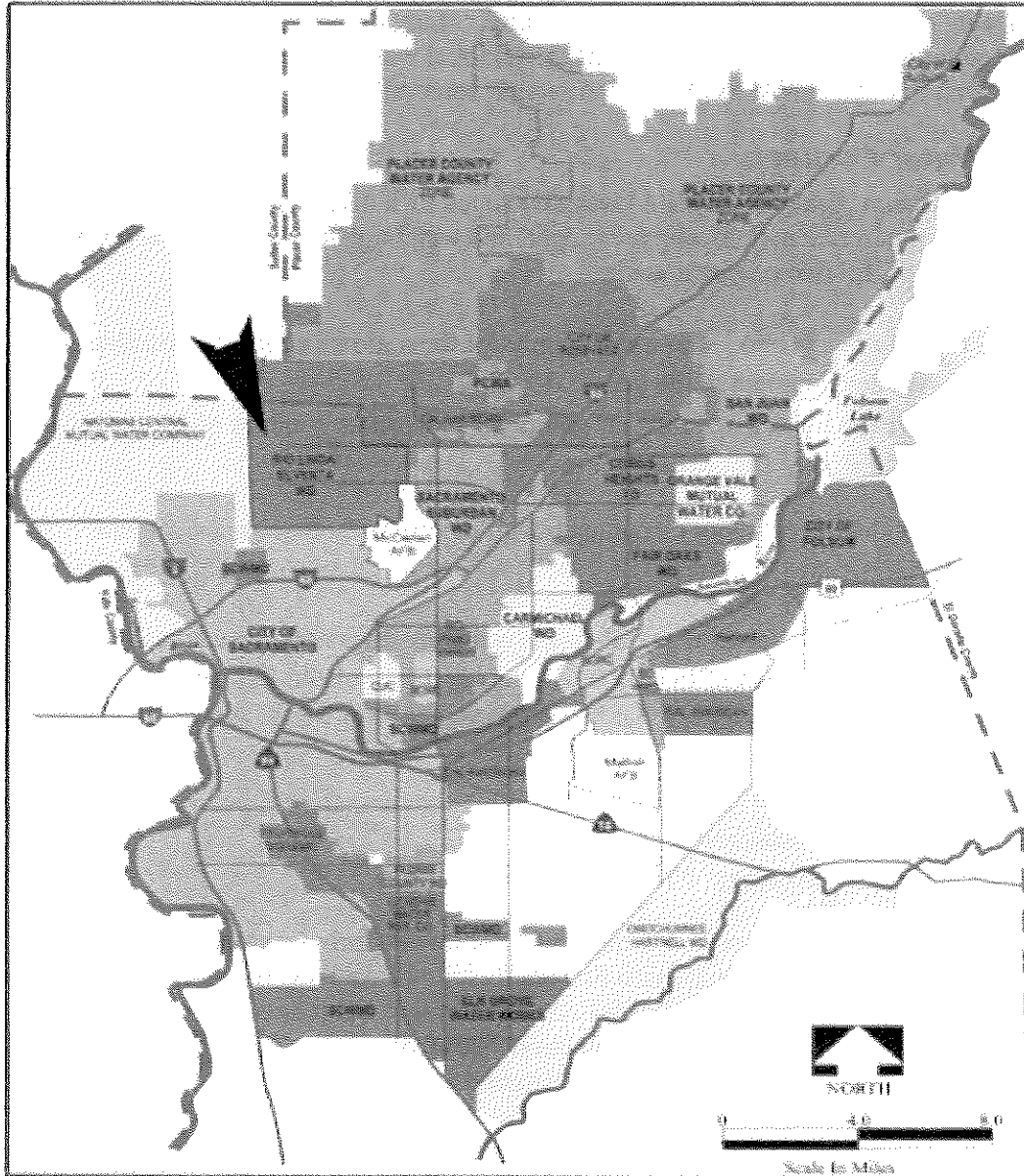


Figure 3-1. Sacramento Region Water Agencies

### 3.1 Service Area Description

The District’s boundary area includes areas in and around Rio Linda and Elverta, covering approximately 18 square miles. Not all residences or water users within the District boundary are District customers. The District’s service area includes mainly customers in Rio Linda and between Rio Linda and the former McClellan Air Force Base, as shown in Figure 3-2. Customers within the boundary but outside of the service area rely on private wells or other sources for water service.

The service area consists of the small-lot residential development in Rio Linda and the large-lot residential, agricultural, and ranch land uses throughout Rio Linda and Elverta. Irrigation practices for these large lots most likely increase the District’s overall gallon per capita day value as compared to strictly small-lot residential demands. Over time, it is expected that some of these larger parcels will be split or subdivided, affecting the water usage and demand pattern.

RLECWD service area has cool, rainy winters, and hot, dry summers. The monthly temperature in the Sacramento area ranges from an average low of 39.5 to an average high of 91.5 degrees Fahrenheit (Western Regional Climate Center). In the past, extreme conditions have been recorded at 17 degrees Fahrenheit for the lowest temperature and 114 degrees Fahrenheit for the highest. The historical annual mean precipitation is 18.2 inches with a monthly precipitation as high as 14.2 inches and as low as 0 inches. The average evapotranspiration rate (ETo) is 50.5 inches.

### 3.2 Population

Existing population is determined from the 2010 Census data as described in Chapter 5. The RLECWD service area boundary does not exactly match up with census tract or block group zones boundaries. Population is therefore estimated by applying a 3.2 capita per dwelling unit factors obtained through combination of census data from the DWR Population Tool and customer data, as described in Chapter 5. Growth has been relatively low over the last 20 years due to the semi-rural nature of the service area. However, planning efforts for large-scale developments are underway. Sacramento County Community Development is currently processing an application for the Elverta Specific Plan (ESP). Planning documents from this process were used to identify the total projected population and growth rates for the ESP. These growth rates, coupled with the continued 0.6 percent connection growth rate of existing service area are used to projected population in Table 3-1. Further details and analysis of service area projections are presented in the RLECWD Master Plan (2014).

	2015	2020	2025	2030	2035	2040(opt)
Population Served	14,813	23,976	28,538	33,586	37,922	

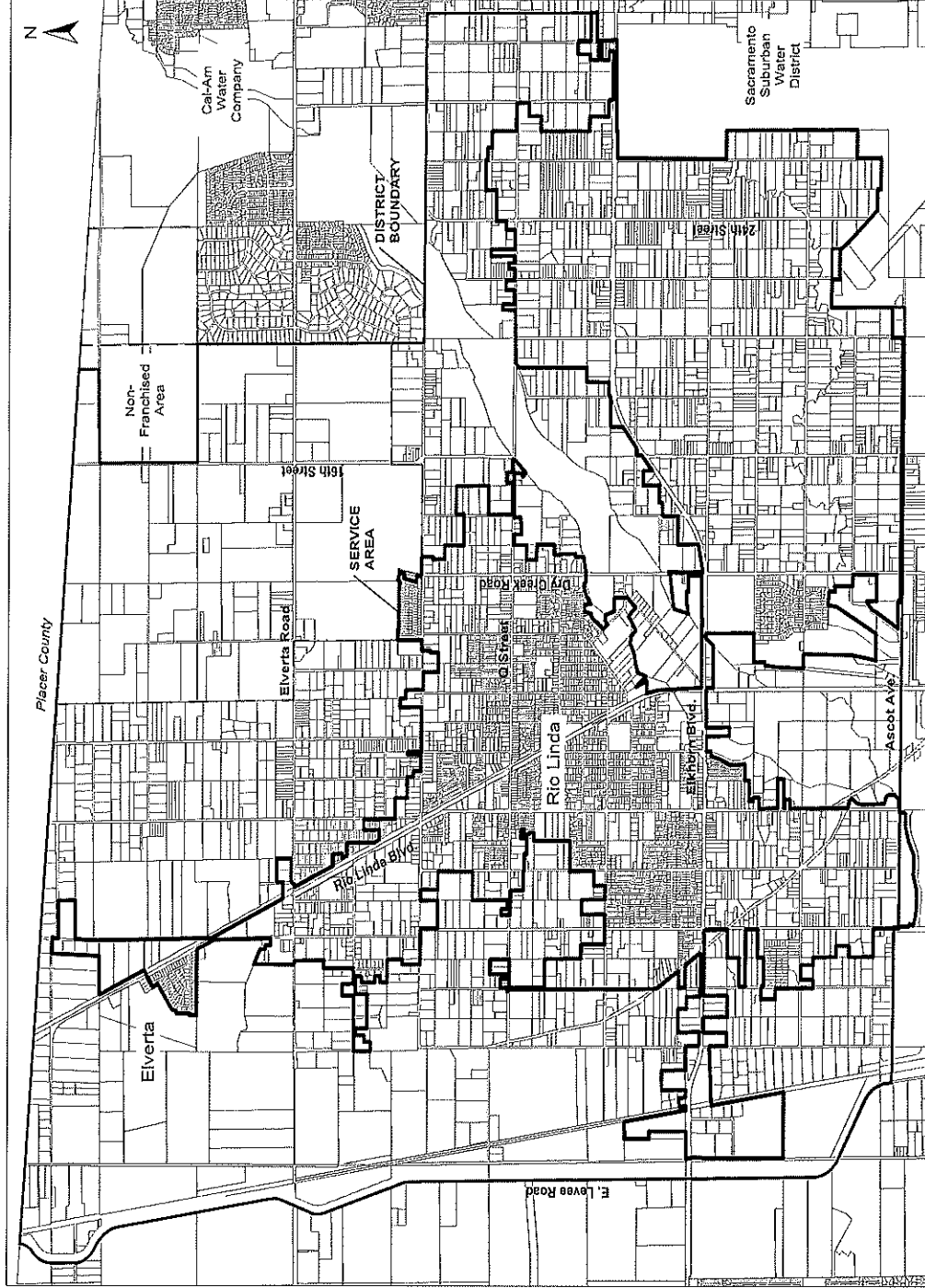


Figure 3-2. Service Area Boundary

## 4 System Water Use

This section presents past and projected water demands. The RLECWD serves a wide range of residential customer types from older small lots with little landscape, newer larger rural residential lots with extensive landscaping, to larger undeveloped lots currently used for agriculture or other uses. It is expected over time the larger lots will be divided and/or developed for residential uses.

### 4.1 Current and Projected Water Demands

Water demands are projected using unit water demand factors and projected connections. The unit water demand factors are reduced over time to account for implementation of the 20x2020 compliance plan as well as new building codes. The RLECWD Master Plan (2014) and the Elverta Specific Plan Water Supply Strategy (2016) detail the water demand projection methodology, unit rates, and analysis.

2015 water demands per category are presented in Table 4-1. All customers have always been metered and there are no un-metered connections. As the tables indicate, the majority of the District’s customers are residential. Although some customers may be using water for agricultural purposes, the District does not maintain an agriculture classification. “Losses” account for non-metered water use such as fire fighting, flushing, leaks, water theft, or meter inaccuracies.

Projected customer water demands through 2035 are summarized in Table 4-2. Table 4-3 summarizes the current and projected demands. Projected demands include the current Elverta Specific Plan development plans. There are no recycled water demands as discussed in Chapter 6. 2015 water loss is calculated per the DWR/AWWA water audit methodology and summarized in Table 4-4. The District does not project any transfers, exchanges, or other water uses at this time.

Table 4-1 Retail: Demands for Potable and Raw Water - Actual			
Use Type <i>(Add additional rows as needed)</i>	2015 Actual		
<i>Use Drop down list</i> <i>May select each use multiple times</i> <i>These are the only Use Types that will be recognized by the WUEdata online submittal tool</i>	Additional Description <i>(as needed)</i>	Level of Treatment When Delivered <i>Drop down list</i>	Volume
Single Family		Drinking Water	1,606
Multi-Family		Drinking Water	18
Commercial	includes institutional	Drinking Water	188
Industrial		Drinking Water	4
Landscape		Drinking Water	14
Losses	non-revenue water	Drinking Water	279
<b>TOTAL</b>			<b>2,109</b>

<b>Table 4-2 Retail: Demands for Potable and Raw Water - Projected</b>						
Use Type (Add additional rows as needed) <i>Use Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool</i>	Additional Description (as needed)	Projected Water Use <i>Report To the Extent that Records are Available</i>				
		2020	2025	2030	2035	2040-opt
Single Family		3,829	4,504	5,229	5,754	
Multi-Family		73	94	131	222	
Commercial	includes institutional	265	279	294	319	
Industrial		27	36	52	61	
Landscape		169	199	280	360	
Losses	non revenue water	485	568	665	746	
<b>TOTAL</b>		<b>4,846</b>	<b>5,681</b>	<b>6,650</b>	<b>7,462</b>	<b>0</b>

<b>Table 4-3 Retail: Total Water Demands</b>						
	2015	2020	2025	2030	2035	2040 (opt)
Potable and Raw Water <i>From Tables 4-1 and 4-2</i>	2,109	4,846	5,681	6,650	7,462	0
Recycled Water Demand <i>From Table 6-4</i>	0	0	0	0	0	0
<b>TOTAL WATER DEMAND</b>	<b>2,109</b>	<b>4,846</b>	<b>5,681</b>	<b>6,650</b>	<b>7,462</b>	<b>0</b>

<b>Table 4-4 Retail: 12 Month Water Loss Audit Reporting</b>	
Reporting Period Start Date (mm/yyyy)	Volume of Water Loss
01/2015	146



**4.2 Water Use for Low Income Households**

RLECWD’s service area is within the unincorporated Sacramento area that is covered by the 2008-2013 Sacramento County Housing Element. The Housing Element in turn is based on the Sacramento Council of Government’s (SACOG) 2008 Regional Housing Needs Plan. The Housing element does not divide the housing needs into the various community areas and therefore cannot be used for projecting RLECWD water demands. The 2010 US Census American Community Survey for the Rio Linda census defined place was consulted instead. The Survey provides number of households per income category as well as median household income. For the purposes of this UWMP, it is assumed the data is comparable to the RLECWD service area. The median household income is \$61,278. 41 percent of the households are at or below the 80 percent-of-median target. Therefore, 41 percent of the residential demand in Table 4-2 is identified as Low Income Household water demand. Inclusion of these demands and unit demand factors is summarized in Table 4-5.

<b>Table 4-5 Retail Only: Inclusion in Water Use Projections</b>	
<p>Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) <i>Drop down list (y/n)</i></p>	Yes
<p>If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc... utilized in demand projections are found.</p>	Section 4.1
<p>Are Lower Income Residential Demands Included In Projections? <i>Drop down list (y/n)</i></p>	Yes

## 5 Baseline and Targets

State Law requires that urban water agencies reduce demand 20 percent by 2020. DWR has incorporated these requirements into the UWMP requirements. The required demand reduction is based on an agency's gallons per capita per day (gpcd). Specific methodologies for estimation and analysis of population and demands to determine gpcd targets are provided in the UWMP Guidebook and Appendices.

### 5.1 2020 Baseline Demand and Target

The DWR UWMP Guidebook methodologies for calculating baseline and reduction targets are used to update the baseline and targets from the 2010 UWMP. The detailed calculations and methodologies are presented Appendix A. Results are summarized in Tables 5-1 and 5-2 per UWMP requirements. As shown in the tables, RLECWD is in compliance with the 2015 target.

<b>Table 5-1 Baselines and Targets Summary</b> <i>Retail Agency or Regional Alliance Only</i>					
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target *	Confirmed 2020 Target*
10-15 year	1995	2004	226	204	181
5 Year	2003	2007	210		

\*All values are in Gallons per Capita per Day (GPCD)

<b>Table 5-2: 2015 Compliance</b> <i>Retail Agency or Regional Alliance Only*</i>								
Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments to 2015 GPCD Enter "0" for adjustments not used From Methodology 8					2015 GPCD (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2015? Y/N
		Extraordinary Events	Economic Adjustment	Weather Normalization	TOTAL Adjustments	Adjusted 2015 GPCD		
127	204	n/a	n/a	n/a	n/a	127	127	Yes

\*All values are in Gallons per Capita per Day (GPCD)

## **5.2 SBX 7 Tables and Methodology**

The 20x2020 process requires that a baseline demand be calculated from which target water demands are determined. The baseline demand is taken as the 10-year average gallon per day per capita, ending no earlier 2004. The baseline demand calculation is based on total supply into the system, and estimated service population for each year. The 2020 goal must be no more than 95 percent of a five-year gpcd average ending no earlier than 2007. The baseline and target calculation methodologies are presented in Appendix A. These tables will also be submitted to DWR per the UWMP Requirements. Resulting targets and compliance are summarized above in Tales 5-1 and 5-2.

## **6 Water Supplies**

The RLECWD maintains a groundwater pumping system to supply its customers. The District has recently added new production capacity, and plans to continue increasing capacity as required. In 2015, a connection moratorium was removed by DDW with the recent construction of water supply projects by the District. The District can purchase water from the Sacramento Suburban Water District (SSWD) through interties for emergency supply purposes. This chapter presents the supply analysis and discussion.

### **6.1 Surface Water**

RLECWD does not currently use surface water on a regular basis. The District constructed an intertie with SSWD that is currently intended for emergency purposes. Supply from SSWD could be surface water, groundwater, or a combination of both. The District has increased its groundwater pumping capacity and no longer needs the SSWD supply on a regular basis.

The District is participating in a regional effort to support the long-term strategy of the Water Forum Agreement by developing a water treatment plant that can treat water from the Sacramento River and deliver supplies to the region. The project provides a second surface water supply source to improve reliability for the region in the face of changing legal, environmental, and climate impacts to existing supply sources and diversions. No supply is projected from this project at this time as it is still in the early stages. RLECWD is investigating the potential for this regional project to increase reliability of the groundwater source through conjunctive use strategies.

### **6.2 Groundwater**

The groundwater basin underlying the service boundary is the North American Sub-basin, part of the larger Sacramento River Hydrologic Area. California Department of Water Resources California's Groundwater Update 2003, Bulletin 118, identifies the basin as 5-21.64.

#### **6.2.1 Basin Description**

Water bearing formations beneath the service area occur in two major strata. The upper water-bearing units include the geologic formations of the Riverbank (formally known as Victor), Turlock (formally known as Fair Oaks), and Laguna Formations and are typically unconfined. The lower water-bearing unit consists primarily of the Mehrten Formation, which exhibits confined conditions. The Mehrten Formation is the most productive fresh water-bearing unit in the eastern Sacramento Valley, though some of the permeable layers of the Turlock Lake Formation produce moderate amounts of water. Much of the recharge of these aquifer systems comes from the Sacramento and American Rivers and their tributaries where gravel deposits exist. To a lesser extent, aquifer recharge also occurs where the Merhten Formation reaches the surface in the foothills in eastern Sacramento and western El Dorado County.

Supply wells in the Sacramento Region draw water primarily from the Mehrten and Turlock Lake formations and typically produce 500-1,500 gpm of good to excellent quality water. A portion of the upper aquifer is preferred from a water quality standpoint because the lower formation (Mehrten) contains higher concentrations of iron, manganese, and arsenic. Arsenic concentrations increase towards the westerly portion of the District and Cr6 concentration increase towards the McClellan AFB. The lower formation also often contains higher concentrations of total dissolved solids, indicating higher salinity. Some RLECWD supply wells have exhibited manganese, arsenic, hexavalent chromium (Cr6). Reliability of the groundwater and water quality issues are discussed further in later sections.

The groundwater basin does contain three significant major groundwater contamination areas. The Union Pacific Railroad plume, located in Roseville, the Aerojet plume located around the American River, Fair Oaks, Rancho Cordova, Carmichael, and the Aerojet property areas, and the McClellan Air Force Base plume. The McClellan plume is located immediately south of RLECWD's service area and production wells.

The groundwater supplied to RLECWD customers meets or exceeds all regulatory water quality parameters with the exception of Cr6. Two known potential contamination sources are present near the District's service boundary. The plume located at the former McClellan Air Force Base is known to contain volatile organic chemicals and Cr6. The SGA Groundwater Management Plan discusses this plume and its potential impacts to groundwater supplies in more detail. In summary, the plume is located in a groundwater depression that has historically limited movement. The plume is in active remediation overseen by the US EPA, State Department of Toxic Substances Control, and the State Regional Water Quality Control Board. Impacts from this site to groundwater quality are further discussed below. The second potential contaminate area is the nearby rice fields, located north and west of the District's boundary. Rice growing operations have historically used applications containing the non-volatile synthetic organic compounds Molinate and Thiobencarb. These compounds have not been detected in the District's wells, but will continue to be included in the monitoring program.

The RLECWD monitoring program was recently updated in 2011. The plan is specifically tailored to the District's groundwater quality needs and infrastructure capabilities. The two known potential contamination sources and respective contaminants are included in the plan. The plan also targets the naturally occurring inorganics arsenic and chromium, as these elements are known to exist in the groundwater basin throughout the region. District monitoring also includes all regulatory required constituent and water quality parameters. The District maintains sentry wells and regular production wells that are used for the sampling program. One production well has been taken offline after the United States Environmental Protection Agency lowered the maximum contaminate level for arsenic to 10 parts per billion. The District continues to monitor all its wells for arsenic and will respond accordingly should levels approach the contaminate level. The District's sampling results are reported to the Department of Public Health and in the Consumer Confidence Report (CCR), distributed to each customer annually. The latest CCR is included in Appendix B.

On July 1, 2014, the Department of Drinking Water (DDW) lowered the Cr6 maximum contaminate level (MCL) to 10 micrograms per liter. Six of the District's wells exceeded the Cr6 MCL of above 10 micrograms per liter. The District is developing a compliance plan with DDW and is currently working with SGA and others to identify if the Cr6 is from the McClellan plume, other sources, or naturally occurring. In the mean time, the affected wells are active while a compliance plan is completed that will either add treatment to these wells and/or replace their capacity with new wells that do not require treatment. The District plans to be in compliance with all of its water supply meeting the MCL for Cr6 within the next five years.

Total usable capacity and safe yield of the basin have not yet been finalized. The DWR Bulletin 118-03 estimates the North American subbasin storage capacity at 4.9 million acre-feet. The region currently relies on sustainable yield analysis efforts conducted for the Water Forum Agreement. Those efforts estimated a sustainable yield of 131,000 acre-feet per year for the Sacramento County area north of the American River. However, the basin area considered in the analysis is only a fraction of the total basin area. The groundwater basin extends beyond Sacramento County, and also spans the American River, complicating actual basin sustainable yield analysis. The Sacramento Groundwater Authority is developing a groundwater accounting framework. The framework allows for SGA-member agencies to account for groundwater banking and conjunctive use efforts, and includes consideration and monitoring of groundwater levels. This information will be used to proactively manage the basin's storage capacity and available yield to support the conjunctive use strategy.

### **6.2.2 Groundwater Management**

Up until the early 2000's, groundwater levels have been generally declining in Sacramento County for the last 50 years, with many areas declining at a rate of 1.5 to 2.0 feet per year. A groundwater depression located under the McClellan Air Force Base that was evident in 1968 significantly expanded and deepened by the mid 1990's. The region responded in part through the development of the Sacramento Groundwater Authority Groundwater (SGA) Management Plan and development of multiple conjunctive use projects. As a result of these efforts, SGA reports that groundwater elevation levels have stabilized, or in some cases increased. SGA is also the CASGEM reporting agency for the basin conditions. RLECWD is a member of SGA and, through SGA, will continue to track contamination threats and participate in conjunctive use programs or other projects to minimize the risk of the contamination plumes. The comprehensive SGA conjunctive use program and other strategies to mitigate groundwater overdraft on a regional basis are included in the SGA Groundwater Management Plan at <http://www.sgah2o.org/sga/programs>. SGA also produces a Basin Management Report that summarizes the GWMP activities, results, and basin status.

### **6.2.3 Overdraft Conditions**

Bulletin 118 does not specifically identify the sub-basin as being in overdraft, but does identify issues with groundwater levels. Groundwater management efforts by the region

through SGA and other partnerships have improved and stabilized basin levels as discussed above in Groundwater Management.

**6.2.4 Historical Pumping**

RLECWD maintains 12 supply production groundwater wells as of the end of 2015. The District has recently constructed one new well, and reactivated one well. Well production capacity ranges from 350-950 gpm for the older wells, with the new well at 2,100 gpm. Past groundwater usage from 2011-2015 is presented in Table 6-1. Water quality and well age issues have affected pumping over the last five years. Some wells have been placed offline for water quality or poor performance. Other wells have had treatment added or been modified to improve performance. Due to new wells, treatment, and rehabilitation, the District’s pumping capacity has not been affected.

Groundwater Type <i>Drop Down List May use each category multiple times</i>	Location or Basin Name	2011	2012	2013	2014	2015
Alluvial Basin	North American Subbasin 5-21.64	2,542	2,857	3,051	2,449	2,109
<b>TOTAL</b>		<b>2,542</b>	<b>2,857</b>	<b>3,051</b>	<b>2,449</b>	<b>2,109</b>

**6.3 Wastewater and Recycled Water**

RLECWD does not use recycled water nor is recycled water available in the District’s service area. Accordingly, this section presents the required information per the Guidelines. DWR UWMP Tables 6-3, 6-4, and 6-5 are not applicable and not presented in this UWMP.

**6.3.1 Wastewater Collection, Treatment, and Disposal**

The Sacramento Regional County Sanitation District (SRCSD), and its companion agency, the Sacramento Area Sewer District, conducts wastewater collection and treatment for the RLECWD service area. Wastewater is collected and conveyed approximately 22 miles to the south, near Elk Grove, to the regional wastewater treatment plant.

The regional plant serves most of the entire Sacramento metropolitan area. The treatment plant receives and treats approximately 150 million gallons per day (mgd). The current capacity of the plant to treat dry weather flows is approximately 181 mgd. The treatment plant produces a disinfected secondary effluent that is discharged into the Sacramento River below Freeport. The principal treatment processes are primary sedimentation, pure-oxygen activated sludge, secondary sedimentation, and chlorination/de-chlorination. SRCSD does currently produce 1,000-1,700 acre-feet per year of Title 22 recycled water.

The recycled water is mostly used for irrigation demand adjacent at a newer development community near the treatment plant in Elk Grove. There are no recycled water facilities within the RLECWD service area.

Wastewater from the RLECWD service area is collected by SRCSD and treated at the treatment plant located in Elk Grove, approximately 22 miles from RLECWD. Many of the District’s customers are not served by the wastewater collection system, and instead rely on septic tanks and leach fields. The 2010 UWMP estimated that 30 percent use SRCSD and 70 percent use on-site systems, which is also assumed for this UWMP.

Estimated wastewater generation is based on the SRCSD unit wastewater generation factor of 310 gpd per equivalent dwelling unit (Sacramento Regional Wastewater Treatment Plan 2020 Master Plan, 2001). Estimated wastewater collected within the RLECWD service area is presented in Table 6-2. No wastewater is treated or discharged within the service area. The City of Roseville does produce recycled water outside of the RLECWD service area, but there are no agreements in place as this time to convey the water for use within the RLECWD service area.

Table 6-2 Retail: Wastewater Collected Within Service Area in 2015						
30	Percentage of 2015 service area covered by wastewater collection system (optional)					
Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? <i>Drop Down List</i>	Volume of Wastewater Collected in 2015	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area? <i>Drop Down List</i>	Is WWTP Operation Contracted to a Third Party? <i>(optional) Drop Down List</i>
Sacramento Area Sewer District	<i>Estimated</i>	476	<i>Sacramento County Regional Sanitation District</i>	Regional San	<i>No</i>	
<b>Total Wastewater Collected from Service Area in 2015:</b>		476				

### 6.3.2 Actions to Encourage and Optimize Future Recycled Water Use

SRCSO developed a recycled water opportunities plan in 2007 (Recycled Water Plan). The Recycled Water Plan divided its service area into specific opportunity areas. Each opportunity area was evaluated for recycled water use potential based on many factors such as demand, supply availability, infrastructure requirements, local support, costs, and others. The process utilized a Water Recycling Advisory Committee that provided a broad stakeholder view and input to the process. The Committee consisted of representatives from cities, water agencies, environmental groups, the State, and business groups.



The RLECWD service area is located in the Target Area 3 as identified in the Recycled Water Plan. The Plan identified the same recycled water strategies listed for the Elverta Specific Plan (Gibson Ranch, Cherry Island, and new development areas). However, the potential opportunities were ranked poorly due to costs and long-term benefits. Based on the analysis and alternative screening procedures in the Plan, SRCSD does not plan on implementing recycled water projects in RLECWD’s service area in the near future. Table 6-6 summarizes these planning efforts.

The SRCSD Recycled Water Plan concluded there were no viable opportunities for recycled water use in the RLECWD service area. At this time, potential recycled water programs are not cost effective for RLECWD, and the District does not plan on implementing any programs by itself. However, future basic planning assumptions may change or new issues arise that could result in the identification and development of feasible recycled water programs. RLECWD will continue to monitor its water resources issues, and identify recycled water programs should the opportunity arise.

Future recycled water use will be part of a regional solution that involves the many entities involved in the RWA Integrated Regional Water Management Plan, SRCSD Water Recycling Plan and/or City of Roseville recycled water efforts. Incentives and methods to encourage recycled water use will depend on SRCSD/Roseville and the regional partners identifying and developing a recycled water program for the north county area. Potential recycled water supply could also come from remediated groundwater if a plume is detected in the service area. RLECWD will continue to follow recycled water use issues and will provide input as necessary. When a feasible program is identified through cooperation with the regional efforts, RLECWD will investigate and identify incentives and methods to encourage recycled water use within its service area. Table 4-8 lists the current methods and programs to encourage recycled water use as zero as there is no current plans for recycled water supply use in service area.

Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use
SRCSD Water Recycling Opportunities Plan	A periodically updated regional study that investigates feasible water recycling opportunities throughout the region.	ongoing	none at this time for RLECWD service area
<b>Total</b>			<b>0</b>

#### **6.4 Desalinated Water Opportunities**

RLECWD does not foresee any desalinated water opportunities to provide additional supply. The service area is not located near any sea or brackish water supply sources, and there are no known brackish groundwater supplies nearby. Future issues and opportunities may provide for RLECWD to exchange water supplies with another agency through conjunctive use that does have desalination opportunities. RLECWD will continue to monitor potential opportunities and develop programs and alternatives as identified.

#### **6.5 Transfer Opportunities**

RLECWD relies on its own produced groundwater for its supply. The District does not transfer or exchange any of its groundwater to other water agencies. Conjunctive use strategies involving transfers or exchanges with RLECWD have been investigated in the past. The District will continue to investigate these conjunctive use strategies with other regional partners as necessary and may develop transfer or exchange opportunities in the future.

#### **6.6 Emergency Interties**

RLECWD maintains an interconnection with the Sacramento Suburban Water District (SSWD). Although recently used as supply source when the District lost water supply due to the promulgation of the MCL for arsenic, the District has consequently increased its groundwater production capacity and does not rely on SSWD for a long-term supply. The interconnection will remain and be available for emergency purposes as a mutual aid supply for both RLECWD and SSWD. The District use of this interconnection for mutual aid purposes is not considered transfers or exchanges that provide additional supply on a regular basis.

#### **6.7 Future Water Supply Projects**

The RLECWD has been expanding its groundwater production capacity to increase its supply reliability. The District has constructed one new well in 2012, with a total capacity of 2,100 gpm, and reactivated one well with a capacity of 600 gpm. The District is also participating in the initial planning stages for a regional water treatment plant on the Sacramento River. This project could supply RLECWD with surface water that could support a conjunctive use program to increase regional supply reliability and provide for groundwater banking. Due to the status of initial planning stages, no supply volume is assigned to this effort yet. The District also has plans on constructing two new groundwater wells to replace older wells that are impacted with Cr6. Supply project are summarized in Table 6-7.

Table 6-7 Retail: Expected Future Water Supply Projects or Programs						
Name of Future Projects or Programs	Joint Project with other agencies?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type <i>Drop Down List User may select more than one.</i>	Expected Increase in Water Supply to Agency <i>This may be a range</i>
	<i>Drop Down List (y/n)</i>	<i>If Yes, Agency Name</i>				
New wells	No		Construct new wells to replace wells impacted with Cr6 and to meet increased growth.	as needed to meet development trends	Average Year	1,250 AFY per well
RiverArc	Yes	PCWA, Roseville, Sacramento, Sacramento County, Cal Am	Regional effort to implement Water Forum Agreement strategy to add diversion to Sacramento River to increase supply reliability and conjunctive use opportunities.	unknown	Average Year	up to 14,500 AFY for RLECWD

**6.8 Summary of Existing and Planned Sources of Water**

Table 6-8 summarizes the 2015 supply volumes. Projected supply needs are summarized in Table 6-9.

Table 6-8 Retail: Water Supplies — Actual				
Water Supply	Additional Detail on Water Supply	2015		
<i>Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool</i>		Actual Volume	Water Quality <i>Drop Down List</i>	Total Right or Safe Yield <i>(optional)</i>
Groundwater		2,109	Drinking Water	
<b>Total</b>		2,109		0

Table 6-9 Retail: Water Supplies — Projected											
Water Supply	Additional Detail on Water Supply	Projected Water Supply <i>Report To the Extent Practicable</i>									
		2020		2025		2030		2035		2040 (optional)	
		Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield
<i>Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WJEdata online submittal tool</i>											
Groundwater		4,846	0	5,681	0	6,650	0	7,462	0	0	0
	<b>Total</b>	4,846	0	5,681	0	6,650	0	7,462	0	0	0

## 7 Water Supply Reliability Assessment

This section describes the supply reliability and summarizes the total water supplies for RLECWD.

### 7.1 *Constraints on Water Sources*

The RLECWD groundwater supply is considered reliable throughout dry years and climatic variations. The District has not experienced a reduction in supply due to climatic conditions. However, naturally occurring constituents and human contamination can affect the groundwater quality. The water quality issues that affect the groundwater supply are discussed in Section 6.2. RLECWD continues to track water quality in all its supply wells, as well as sampling wells. Water quality is presented in the Consumer Confidence Report (CCR) attached in Appendix B. Depending on constituent and other issues, the District will either add treatment, rehabilitate the well, or abandon the well and construct a new well with better water quality.

Legal restrictions through basin adjudication are not expected at this time. The regional surface water supply could be reduced during a Water Forum Conference year. This may require other local agencies to increase groundwater pumping. There is a possibility that RLECWD would be asked by the Water Forum or RWA/SGA to reduce its pumping if the increased pumping from other agencies was expected to negatively affect the groundwater basin. However, until these potential scenarios become more possible, RLECWD assumes its groundwater supply will not be reduced.

### 7.2 *Reliability by Type of Year*

RLECWD has always used groundwater to serve customers. The volume of groundwater available from the aquifer has never been reduced by seasonal or climatic events. Table 7-1 illustrates that supply volumes are available during each of the dry year types.

<b>Table 7-1 Retail: Basis of Water Year Data</b>			
Year Type	Base Year	Available Supplies if Year Type Repeats	
		Agency may provide volume only, percent only, or both	
		Volume Available	% of Average Supply
Average Year	2008		100%
Single-Dry Year	1976-1977		100%
Multiple-Dry Years 1st Year	1987		100%
Multiple-Dry Years 2nd Year	1988		100%
Multiple-Dry Years 3rd Year	1989		100%

*Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.*

### 7.3 Supply and Demand Assessment

Supply to demand for each required year type are summarized in Tables 7-2, 7-3, and 7-4. Because the basin is not adjudicated, the RLECWD is not assigned an available supply. The District will pump sufficient supply to meet the demands during each of the single and multiple dry year scenarios, without requiring a reduction in demand or supplemental supplies. Demand for the single dry year scenario is increased 10 percent as a conservative estimate of increased outdoor water usage during the first dry summer. Demand is reduced back down to normal values during a multiple dry year scenario. It is acknowledged that demand has been reduced during the current drought period, but reductions have been regulatory driven by the State Water Resources Control Board, and were not based on supply availability.

Table 7-2 Retail: Normal Year Supply and Demand Comparison					
	2020	2025	2030	2035	2040 (Opt)
Supply totals (autofill from Table 6-9)	4,846	5,681	6,650	7,462	0
Demand totals (autofill from Table 4-3)	4,846	5,681	6,650	7,462	0
Difference	0	0	(0)	(0)	0

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison					
	2020	2025	2030	2035	2040 (Opt)
Supply totals	5,330	6,248	7,315	8,208	
Demand totals	5,330	6,248	7,315	8,208	
Difference	0	0	0	0	0

Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison						
		2020	2025	2030	2035	2040 (Opt)
First year	Supply totals	5,330	6,248	7,315	8,208	
	Demand totals	5,330	6,248	7,315	8,208	
	Difference	0	0	0	0	0
Second year	Supply totals	4,846	5,681	6,650	7,462	
	Demand totals	4,846	5,681	6,650	7,462	
	Difference	0	0	0	0	0
Third year	Supply totals	4,846	5,681	6,650	7,462	
	Demand totals	4,846	5,681	6,650	7,462	
	Difference	0	0	0	0	0

#### **7.4 Regional Supply Reliability**

RLECWD participates in many efforts discussed throughout this UWMP to maximize the use of existing supplies and minimize the need to import water from other regions.

Efforts include:

- Water Forum Agreement signatory and active member
- Active conservation program
- CUWCC MOU signatory and active member
- Active member of RWA and SGA efforts in groundwater management, regional supply planning, regional conservation and grant implementation, and others.
- Participant in RiverArc regional Sacramento River program planning.
- Operational activities to reduce water loss and improve demand tracking.



## 8 Water Shortage Contingency Planning

The RLECWD Water Shortage and Drought Contingency Plan is summarized below and presented in Appendix C

### 8.1 Stages of Action

The District applies a four-stage rationing plan during declared water shortages. The rationing plan also applies to catastrophic loss of water. The rationing plan determines a consumption reduction of up to 50 percent or more of the normal consumption, depending of causes, severity, and anticipated duration of the water supply shortage. Table 8-1 summarizes the rationing plan stages of action.

Table 8-1 Retail Stages of Water Shortage Contingency Plan		
Stage	Complete Both	
	Percent Supply Reduction <sup>1</sup> <i>Numerical value as a percent</i>	Water Supply Condition <i>(Narrative description)</i>
1	20%	Water Alert - beginning of Identified supply shortage
2	30%	Water Warning – a reasonable probability exists that supply may be reduced up to 30 percent
3	40%	Water Crisis - water supply reduced by 40 percent
4	50%	Water Emergency - water supply reduced by 50 percent or more

<sup>1</sup> One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.

### 8.2 Prohibitions on End Uses

RLECWD assigns restrictions and prohibitions on end uses for each stage of its shortage contingency plan. Restrictions and prohibitions are presented in Table 8-2.

**Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses**

Stage	Restrictions and Prohibitions on End Users <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	Additional Explanation or Reference <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>
1	Other	unnecessary and wasteful uses of water	Yes
1	Other	Allowing water to leave customer property	Yes
1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner		Yes
1	Water Features - Restrict water use for decorative water features, such as fountains		Yes
1	Landscape - Limit landscape irrigation to specific times		Yes
1	Landscape - Other landscape restriction or prohibition	prohibit irrigation during rain and 48 hours after.	Yes
1	Other - Require automatic shut of hoses		Yes
1	Other	unauthorized use of hydrant prohibited	Yes
1	CII - Other CII restriction or prohibition	all water using equipment must be in working order	Yes
1	Other	encourage users to wash only full loads	Yes
1	Other water feature or swimming pool restriction	encourage use of covers	Yes
1	CII - Other CII restriction or prohibition	encourage offer water on request	Yes
1	Landscape - Other landscape restriction or prohibition	greywater use allowed	Yes
1	Landscape - Limit landscape irrigation to specific days		Yes
2	Landscape - Other landscape restriction or prohibition	trees, vegetable, and container watering by drip on other days allowed	Yes
2	CII - Restaurants may only serve water upon request		Yes
2	Other - Prohibit use of potable water for washing hard surfaces		Yes
2	Landscape - Other landscape restriction or prohibition	more stringent irrigation days/times	Yes
2	Other water feature or swimming pool restriction	overfilling prohibited	Yes
2	Water Features - Restrict water use for decorative water features, such as fountains		Yes

**Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses, Continued**

Stage	Restrictions and Prohibitions on End Users <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	Additional Explanation or Reference <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>
2	Landscape - Other landscape restriction or prohibition	more stringent irrigation days/times	Yes
2	Other water feature or swimming pool restriction	overflowing prohibited	Yes
2	Water Features - Restrict water use for decorative water features, such as fountains	use prohibited	Yes
2	Other	new meter only issued when old meter returned.	Yes
3	Landscape - Other landscape restriction or prohibition	more stringent irrigation days/times	Yes
3	Landscape - Prohibit certain types of landscape irrigation	no ornamental turf irrigation	Yes
3	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	vehicle washing only at commercial facilities	Yes
3	Other water feature or swimming pool restriction	filling prohibited	Yes
3	Other	cooling mist water use prohibited	Yes
3	CII - Other CII restriction or prohibition	process water use restricted as determined by Board	Yes
3	Other - Prohibit use of potable water for construction and dust control		Yes
3	Other	No new connections allowed unless already approved	Yes
4	Landscape - Prohibit all landscape irrigation		Yes
4	Other	No new connections	Yes

### **8.3 Penalties, Charges, Other Enforcement of Prohibitions**

Enforcement actions are described in detail in the RLECWD Water Shortage Contingency Plan in Appendix C. The District sends a notification to a customer for a first violation of the water shortage requirements and could face potential fines. If deemed necessary by the District manager, a flow-restricting device may be installed on the customer's service line. For subsequent violations of the ordinance, the District manager may order the installation of a flow-restricting device on the customer's service line or discontinue service to the customer. The customer will be fined for the installation and removal of the flow-restrictor device, and fined for the disconnection and

re-connection of the water service when conducted. Violation of the water shortage ordinance is a misdemeanor subject to imprisonment in county jail and a fine. The Board can also impose other penalties as determined by the Board in accordance with the California Water Code and District policy manual.

**8.4 Consumption Reduction Methods**

Consumption reduction methods implemented at each stage are presented in Table 8-3.

Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods		
Stage	Consumption Reduction Methods by Water Supplier <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	Additional Explanation or Reference <i>(optional)</i>
1	Expand Public Information Campaign	
1	Offer Water Use Surveys	
1	Reduce System Water Loss	
2	Other	Increase outreach and patrol/enforcement efforts to reach reduction goals.
2	Implement or Modify Drought Rate Structure or Surcharge	
3	Other	Increase outreach and patrol/enforcement efforts to reach reduction goals.
4	Other	Increase outreach and patrol/enforcement efforts to reach reduction goals.
4	Moratorium or Net Zero Demand Increase on New Connections	

**8.5 Determining Water Shortage Reductions**

RLECWWD assigns requirements and actions to apply in each stage designed to achieve the necessary demand reduction. The District will monitor monthly or weekly production values for each of its wells, depending on shortage conditions. The District calculates a demand reduction requirement from a baseline value for each stage. The District will monitor actual customer usage to determine demand reduction results. Based on production and demand trends, the District will act to adjust the water shortage stage declaration as necessary.

**8.6 Revenue and Expenditure Impacts**

The District water rates were recently updated and include a base rate, four-tier drought stage volumetric rate, and a capital improvement surcharge. The base rate and capital

improvement surcharge are not affected by water shortage conditions, and the District will continue to collect revenue associated with those charges. The volumetric revenue will be affected by water shortage conditions. However, volumetric rates are increased for each drought stage. Therefore, the District does not expect a significant reduction in volumetric revenue during water shortage conditions.

District energy expenses are expected to decrease slightly with reduced water demands as less water will be pumped, reducing electrical costs. Other District operating costs are not expected to change significantly during water shortage conditions. However, if the supply shortage is projected to last longer, the District will investigate and implement as necessary water crisis/emergency pricing to offset potential revenue reductions.

### **8.7 Resolution or Ordinance**

The water shortage contingency resolution is included in Appendix C. and has been summarized throughout this chapter.

### **8.8 Catastrophic Supply Interruption**

Water shortages can result from long-term supply effects from climatic or water quality issues. Shortages can also result from short-term interruptions due to natural disasters and/or equipment failure. The District includes a system-wide Catastrophic Supply Interruption Plan in the current policy and procedure manual. Potential catastrophic events and responses are summarized below:

- Localized short-term power failure - Emergency generators at selected wells start up to maintain system pressure. Request customers to reduce water uses with announcements via radio, television and internet. Coordinate with SMUD.
- Regional long-term power failure - Emergency generators at selected wells operate until fuel supply is exhausted. Back up fuel requested. Order customers to curtail water uses with direct phone calls, and announcements via radio, television and internet. Issue boil water order. Coordinate with SMUD.
- Malicious Act or Major explosion near facilities - Valve off tank or pipelines. Utilize additional wells to maintain system pressure. Request use of emergency connection with neighboring utilities. Request customers to reduce water uses with announcements via radio, television and internet. Request assistance from Office of Emergency Services.
- Flood from Dry Creek or breach of levee along Natomas East Main Drainage Canal - Wells removed from service. Other wells used to pump water. Possible “boil water” order. Order customers to curtail water use. Request use of emergency connection with neighboring utilities. Alert customers with direct phone calls, and announcements via radio. Coordinate with SAFCA.

- Earthquake - in most earthquakes, only weaker masonry buildings would be damaged - District staff would be responsible for control and repair of damage. Help from Northern California utilities is unlikely since they would be responding to their own situations and aiding water suppliers closest to the epicenter.

**8.9 Minimum Supply Next Three Years**

Table 8-4 presents the estimated available supply for the next three years. RLECWD assumes the existing full capacity of the existing groundwater production wells is available for the next three years.

Six of the District’s wells exceed the MCL for Cr6. As part of Senate Bill 385, water purveyors have been granted a period of time to achieve compliance that shall not extend beyond January 1, 2020. To qualify, the District is required to prepare and submit a compliance plan to the DDW for approval.

The District is currently completing a compliance plan to submit to DDW that will achieve compliance with the MCL for Cr6 prior to January 1, 2020.

<b>Table 8-4 Retail: Minimum Supply Next Three Years</b>			
	2016	2017	2018
Available Water Supply	9,300	9,300	9,300
NOTES: existing well system capacity			

## 9 Conservation and Demand Management

The District is a member of the California Urban Water Conservation Council (CUWCC). The CUWCC maintains a memorandum of understanding (MOU) that lists required water conservation best management practices (BMPs). Members agree to implement the MOU and provide annual progress reports to the CUWCC. The California Department of Water Resources (DWR) accepts these approved CUWCC annual reports as meeting the Urban Water Management Plan (UWMP) conservation program requirements, simplifying UWMP compliance.

The District is currently on track to meet the 2015 and 2020 gpcd goals as described in Chapter 5. However, water demands fluctuate and the District anticipates the need for a proactive conservation and demand management program to ensure the gpcd goals are met as required. The current conservation and demand management program per the DWR UWMP Guidelines is described below. Program results are reported through the CUWCC database. The 2013 and 2014 CUWCC coverage reports are included in Appendix D.

### 9.1 Conservation Program Description

The following describes the District's conservation program. "Foundational BMP" titles correspond to the CUWCC program titles implemented by RLECWD per the CUWCC MOU.

#### **Foundational BMP 1.1. Conservation Coordinator**

The District maintains a conservation coordinator position. The coordinator ensures the program's BMPs are implemented, tracks progress and results, follows CUWCC requirements, and is responsible for budgeting and maintaining the conservation program.

#### **Foundational BMP 1.1. Water Waste Prevention**

The District maintains and updates as necessary a water waste prevention ordinance as part of the Water Shortage Contingency Plan (Appendix C). The ordinance prohibits water waste and establishes terms of service for water customers including violation response measures.

#### **Foundational BMP 1.2. Water Loss Control**

The District's water loss control program is designed to minimize water loss and increase understanding of all water uses. The program is divided into leak repair and data analysis. The leak detection and repair program identifies and repairs distribution system leaks. The data analysis program collects leak and water use data to run the AWWA Water Loss model as required in the CUWCC MOU. Results from the Water Loss model are used to inform and support additional efforts to reduce water loss.

#### **Foundational BMP 1.3. Metering with Commodity Rates**

All District customer connections are metered and billed based on volume of usage, in addition to fixed fees and capital recovery fees, some of which are required by the

District's State SRF loan contract terms. This effort also includes a meter maintenance and replacement plan to ensure long-term meter accuracy. The District's CUWCC coverage report for this BMP indicates the one task still to be completed per the CUWCC MOU. The District will conduct an analysis to determine the cost effectiveness of converting mixed-use meters to dedicated landscape meters.

**Foundational BMP 1.4. Retail Conservation Pricing**

The MOU requires an agency to set rates such that 70 percent of its customer revenue is from volumetric charges within 10 years of signing the MOU. The District cannot meet this requirement for a variety of reasons. As a condition of the SRF loan to improve supply reliability, the State Department of Public Health (DPH) required a fixed fee be added to the rate structure, impacting the percent revenue from volumetric charges. The District's new rate structure includes a fixed fee, capital recovery fees, and volumetric rates. The volumetric rate includes four tiers for each water shortage stage condition.

**Foundational BMP 2.1. Public Information Programs**

The District's public information program includes the District's own efforts in addition to regional programs provided by the Regional Water Authority (RWA). The District maintains a conservation section of its website that includes water use, irrigation, and water conservation information and links to other sites for additional information. RWA maintains the Water Efficiency Program (WEP). The WEP provides regional public outreach and education efforts that meet the CUWCC BMP requirements. Typical efforts include message and branding development, media contacts, media advertising, and technical information and presentations. The program is funded by the member water agencies to provide an efficient and collaborative strategy for a compliant public information program. A full description of the program is included in Appendix E.

**Foundational BMP 2.2. School Education Programs**

This BMP is met through participation in the RWA WEP. WEP provides water conservation curriculum materials for grades K-6, offers technical support and guidance for teachers and instructors, in-class presentation support, and school marketing outreach efforts. A full description of the program is included in Appendix E.



## 10 Plan Adoption, Submittal, and Implementation

### 10.1 Notice of Public Hearing

The UWMP requires specific coordination efforts as well. The agency must send a notice to all county and city governments within its service area of its intent to develop and adopt a 2015 UWMP. This notice must be sent at least 60 days prior to the public hearing to discuss the UWMP. A notice was sent to Sacramento County informing them of RLECWD's UWMP process as presented in Appendix F. These notifications are summarized in Table 10-1.

A public review process was included in the UWMP development. RLECWD held a public review of the UWMP to discuss the plan and receive comments from the public. The meeting was conducted at the June 20, 2016 Board of Directors Meeting. Public notice of the meeting was provided at the previous Board meeting, as is included in Appendix G.

Table 10-1 Retail: Notification to Cities and Counties		
City Name	60 Day Notice	Notice of Public Hearing
N/A		
County Name <i>Drop Down List</i>	60 Day Notice	Notice of Public Hearing
Sacramento County	X	X

### 10.2 Public Hearing and Adoption

The UWMP was approved at the June 20, 2016 Board of Directors meeting. The adoption resolution is provided in Appendix H.

### 10.3 Plan Submittal

RLECWD will submit the UWMP electronically to DWR by July 1, 2016. Within 30 days of adoption, RLECWD will submit a copy of the UWMP to the State Library, and Sacramento County. A copy of the UWMP is available for public viewing at the District Office during normal business hours located at 730 L Street, Rio Linda CA 95673.

### **10.4 Implementation**

The 2015 UWMP presented RLECWD's plans future water supplies, supply reliability, and water conservation. The District has continued to maintain and improve its groundwater supply infrastructure by developing new wells and conducting maintenance and improvements on existing wells.

The District has maintained its efforts for the conservation program with positive results evidenced by decreased water demands. All foundational conservation best management practices are implemented. The District will monitor its gallon per capita day (gpcd) water usage and investigate alternative programs based on need. The District is a signatory of the California Urban Water Conservation Council (CUWCC) and may utilize Council programs as necessary.

Implementation of the 2015 UWMP will be tracked through a variety of methods. Supply reliability issues will mostly be tracked through the District's Water Quality Monitoring Program, well infrastructure program, and production values. Progress and results of the conservation program will continue to be tracked and submitted to the CUWCC and the State as required to for UWMP updates and AB1420 compliance requirements. Compliance with the 20x2020 water demand targets will be tracked through the District's customer billing database and supply production numbers.

**Appendix A**  
**DWR SBX7-7 Analysis and Results**

### **SBX 7 Tables and Methodology**

The 20x2020 process requires that a baseline demand be calculated from which target water demands are determined. The baseline demand is taken as the 10-year average gallon per day per capita, ending no earlier 2004. The baseline demand calculation is based on total supply into the system, and estimated service population for each year. The 2020 goal must be no more than 95 percent of a five-year gpcd average ending no earlier than 2007. The baseline and target calculation methodologies are presented below in the following tables per UWMP requirements. These SBX7 tables are also submitted separately to DWR per the UWMP requirements.

SBX7 Table 0. The units selected for the analysis are acre feet.

SBX7 Table 1. Presents the baseline periods selected to meet each requirement.

SBX7 Table 2. The population calculation methodology is selected. RLECWD utilized a methodology other than provided by the Guidelines due to the unique customer service base. There are many parcels within the RLECWD service area that do not receive service from RLECWD. Instead, they receive water from private wells or other sources. Therefore, using the census block based DWR population tool overestimated population actually served. RLECWD developed an alternative population methodology in coordination with DWR staff per the requirements.

The alternative methodology identifies the average number of persons per dwelling unit from the 2010, 2000, and 1990 census. Similar to the DWR population tool, the values are interpolated linearly between census years. Total number of single family and multi family services and dwelling units (for multi family) are obtained from District records. The annual population served is then estimated by multiplying the persons per dwelling unit times the number of dwelling units for each year.

SBX7 Table 3. Presents the population served for each year in the baseline calculation and for 2015.

SBX7 Table 4. Presents the annual gross water use for each year in the baseline calculation and for 2015.

SBX7 Table 4-A. Presents the annual water into distribution system for each year in the baseline period and for 2015.

SBX Table 4-B. Indicates there was not recycled water use during the baseline periods. This defines the allowable baseline period range of ten years.

SBX7 Table 4-C. Not used.

SBX7 Table 4-C.1. Not used.

SBX7 Table 4-C.2. Not used.

SBX7 Table 4-C.3. Not used.

SBX7 Table 4-C.4. Not used.

SBX7 Table 4-D. Not used.

SBX7 Table 5. Presents the annual gpcd gpcd calculations for the baseline period and for 2015.

SBX7 Table 6. Summarizes the two baseline gpcd and for 2015.

SBX7 Table 7. Selects Method 1 for the 2020 Target Method.

SBX7 Table 7-A. Presents the baseline gpcd and 2020 gpcd target.

SBX7 Table 7-B. Not used.

SBX7 Table 7-C. Not used.

SBX7 Table 7-D. Not used.

SBX7 Table 7-E. Not used.

SBX7 Table 7-F. Confirms minimum target reduction from the 5-year baseline.

SBX7 Table 8. Presents the 2015 interim gpcd target.

SBX7 Table 9. Confirms RLECWD is in compliance with the 2015 interim gpcd target.

<b>SB X7-7 Table 0: Units of Measure Used in UWMP*</b> (select one from the drop down list)
Acre Feet
*The unit of measure must be consistent with Table 2-3
NOTES:

<b>SB X7-7 Table-1: Baseline Period Ranges</b>			
Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	3,342	Acre Feet
	2008 total volume of delivered recycled water	0	Acre Feet
	2008 recycled water as a percent of total deliveries	0.00%	Percent
	Number of years in baseline period <sup>1</sup>	10	Years
	Year beginning baseline period range	1995	
	Year ending baseline period range <sup>2</sup>	2004	
5-year baseline period	Number of years in baseline period	5	Years
	Year beginning baseline period range	2003	
	Year ending baseline period range <sup>3</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 ending year must be between December 31, 2004 and December 31, 2010.			
<sup>3</sup> The ending year must be between December 31, 2007 and December 31, 2010.			
NOTES:			

<b>SB X7-7 Table 2: Method for Population Estimates</b>	
<b>Method Used to Determine Population</b> (may check more than one)	
<input type="checkbox"/>	<b>1. Department of Finance (DOF)</b> DOF Table E-8 (1990 - 2000) and (2000-2010) and 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 checked="" type="checkbox"/>	<b>4. Other</b> DWR recommends pre-review
NOTES: Capita per dwelling unit methodology priliminary approved with	



<b>SB X7-7 Table 3: Service Area Population</b>		
<b>Year</b>	<b>Population</b>	
<b>10 to 15 Year Baseline Population</b>		
Year 1	1995	11,612
Year 2	1996	11,920
Year 3	1997	12,351
Year 4	1998	12,878
Year 5	1999	13,137
Year 6	2000	13,482
Year 7	2001	13,565
Year 8	2002	13,714
Year 9	2003	14,039
Year 10	2004	13,665
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
<b>5 Year Baseline Population</b>		
Year 1	2003	14,039
Year 2	2004	13,665
Year 3	2005	14,119
Year 4	2006	14,207
Year 5	2007	14,401
<b>2015 Compliance Year Population</b>		
	<b>2015</b>	14,813
NOTES:		

<b>SB X7-7 Table 4: Annual Gross Water Use *</b>								
	Baseline Year <i>Fm SB X7-7 Table 3</i>	Volume Into Distribution System <i>Fm SB X7-7 Table(s) 4-A</i>	Deductions					Annual Gross Water Use
			Exported Water	Change in Dist. System Storage (+/-)	Indirect Recycled Water <i>Fm SB X7-7 Table 4-B</i>	Water Delivered for Agricultural Use	Process Water <i>Fm SB X7-7 Table(s) 4-D</i>	
<b>10 to 15 Year Baseline - Gross Water Use</b>								
Year 1	1995	2976.979			0		0	2,977
Year 2	1996	3315.6			0		0	3,316
Year 3	1997	3518.834			0		0	3,519
Year 4	1998	3013.549147			0		0	3,014
Year 5	1999	3526.03008			0		0	3,526
Year 6	2000	3335.550088			0		0	3,336
Year 7	2001	3269.320978			0		0	3,269
Year 8	2002	3387.851836			0		0	3,388
Year 9	2003	3164.272946			0		0	3,164
Year 10	2004	3407.930864			0		0	3,408
Year 11	0	0			0		0	0
Year 12	0	0			0		0	0
Year 13	0	0			0		0	0
Year 14	0	0			0		0	0
Year 15	0	0			0		0	0
<b>10 - 15 year baseline average gross water use</b>								<b>2,194</b>
<b>5 Year Baseline - Gross Water Use</b>								
Year 1	2003	3,164			0		0	3,164
Year 2	2004	3,408			0		0	3,408
Year 3	2005	3,210			0		0	3,210
Year 4	2006	3,379			0		0	3,379
Year 5	2007	3,407			0		0	3,407
<b>5 year baseline average gross water use</b>								<b>3,314</b>
<b>2015 Compliance Year - Gross Water Use</b>								
	<b>2015</b>	2,109			0		0	2,109
* 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>	groundwater
<b>This water source is:</b>	
<input checked="" type="checkbox"/>	The supplier's own water source
<input type="checkbox"/>	A purchased or imported source

<b>Baseline Year</b> <i>From SB X7-7 Table 3</i>	<b>Volume Entering Distribution System</b>	<b>Meter Error Adjustment*</b> <i>Optional (+/-)</i>	<b>Corrected Volume Entering Distribution System</b>
<b>10 to 15 Year Baseline - Water into Distribution System</b>			
Year 1	1995	2976.979	2,977
Year 2	1996	3315.6	3,316
Year 3	1997	3518.834	3,519
Year 4	1998	3013.549147	3,014
Year 5	1999	3526.03008	3,526
Year 6	2000	3335.550088	3,336
Year 7	2001	3269.320978	3,269
Year 8	2002	3387.851836	3,388
Year 9	2003	3164.272946	3,164
Year 10	2004	3407.930864	3,408
Year 11	0		0
Year 12	0		0
Year 13	0		0
Year 14	0		0
Year 15	0		0
<b>5 Year Baseline - Water into Distribution System</b>			
Year 1	2003	3164.272946	3,164
Year 2	2004	3407.930864	3,408
Year 3	2005	3210.229618	3,210
Year 4	2006	3379.354076	3,379
Year 5	2007	3406.784219	3,407
<b>2015 Compliance Year - Water into Distribution System</b>			
<b>2015</b>		2109	2,109
<i>* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document</i>			
<b>NOTES:</b>			

<b>SB X7-7 Table 4-C.3: Process Water Deduction Eligibility</b>							
<b>Criteria 3</b>							
Non-industrial use is equal to or less than 120 GPCD							
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>	<b>Gross Water Use Without Process Water Deduction</b> <i>Fm SB X7-7 Table 4</i>	<b>Industrial Water Use</b>	<b>Non-industrial Water Use</b>	<b>Population</b> <i>Fm SB X7-7 Table 3</i>	<b>Non-Industrial GPCD</b>	<b>Eligible for Exclusion Y/N</b>	
<b>10 to 15 Year Baseline - Process Water Deduction Eligibility</b>							
Year 1	1995	2,977		2,977	11,612	229	NO
Year 2	1996	3,316		3,316	11,920	248	NO
Year 3	1997	3,519		3,519	12,351	254	NO
Year 4	1998	3,014		3,014	12,878	209	NO
Year 5	1999	3,526		3,526	13,137	240	NO
Year 6	2000	3,336		3,336	13,482	221	NO
Year 7	2001	3,269		3,269	13,565	215	NO
Year 8	2002	3,388		3,388	13,714	221	NO
Year 9	2003	3,164		3,164	14,039	201	NO
Year 10	2004	3,408		3,408	13,665	223	NO
Year 11	0	0		0	0		NO
Year 12	0	0		0	0		NO
Year 13	0	0		0	0		NO
Year 14	0	0		0	0		NO
Year 15	0	0		0	0		NO
<b>5 Year Baseline - Process Water Deduction Eligibility</b>							
Year 1	2003	3,164		3,164	14,039	201	NO
Year 2	2004	3,408		3,408	13,665	223	NO
Year 3	2005	3,210		3,210	14,119	203	NO
Year 4	2006	3,379		3,379	14,207	212	NO
Year 5	2007	3,407		3,407	14,401	211	NO
<b>2015 Compliance Year - Process Water Deduction Eligibility</b>							
<b>2015</b>		2,109		2,109	14,813	127	NO

<b>SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)</b>				
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>		<b>Service Area Population</b> <i>Fm SB X7-7 Table 3</i>	<b>Annual Gross Water Use</b> <i>Fm SB X7-7 Table 4</i>	<b>Daily Per Capita Water Use (GPCD)</b>
<b>10 to 15 Year Baseline GPCD</b>				
Year 1	1995	11,612	2,977	229
Year 2	1996	11,920	3,316	248
Year 3	1997	12,351	3,519	254
Year 4	1998	12,878	3,014	209
Year 5	1999	13,137	3,526	240
Year 6	2000	13,482	3,336	221
Year 7	2001	13,565	3,269	215
Year 8	2002	13,714	3,388	221
Year 9	2003	14,039	3,164	201
Year 10	2004	13,665	3,408	223
Year 11	0	0	0	
Year 12	0	0	0	
Year 13	0	0	0	
Year 14	0	0	0	
Year 15	0	0	0	
<b>10-15 Year Average Baseline GPCD</b>				<b>226</b>
<b>5 Year Baseline GPCD</b>				
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>		<b>Service Area Population</b> <i>Fm SB X7-7 Table 3</i>	<b>Gross Water Use</b> <i>Fm SB X7-7 Table 4</i>	<b>Daily Per Capita Water Use</b>
Year 1	2003	14,039	3,164	201
Year 2	2004	13,665	3,408	223
Year 3	2005	14,119	3,210	203
Year 4	2006	14,207	3,379	212
Year 5	2007	14,401	3,407	211
<b>5 Year Average Baseline GPCD</b>				<b>210</b>
<b>2015 Compliance Year GPCD</b>				
<b>2015</b>		14,813	2,109	127
<b>NOTES:</b>				

<b>SB X7-7 Table 6: Gallons per Capita per Day</b> <i>Summary From Table SB X7-7 Table 5</i>	
10-15 Year Baseline GPCD	226
5 Year Baseline GPCD	210
2015 Compliance Year GPCD	127
NOTES:	

SB X7-7 Table 7: 2020 Target Method		
<i>Select Only One</i>		
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 <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 20% Reduction	
10-15 Year Baseline	2020 Target GPCD
226	181
NOTES:	



<b>SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target</b>			
5 Year Baseline GPCD <i>From SB X7-7 Table 5</i>	Maximum 2020 Target*	Calculated 2020 Target <i>From Appropriate Target Table</i>	Confirmed 2020 Target
210	200	181	181
<i>* Maximum 2020 Target is 95% of the 5 Year Baseline GPCD</i>			
NOTES:			

<b>SB X7-7 Table 8: 2015 Interim Target GPCD</b>		
Confirmed 2020 Target <i>Fm SB X7-7 Table 7-F</i>	10-15 year Baseline GPCD <i>Fm SB X7-7 Table 5</i>	2015 Interim Target GPCD
181	226	204
NOTES:		

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

Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments (in GPCD)					Adjusted 2015 GPCD	2015 GPCD (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2015?
		Extraordinary Events	Weather Normalization	Economic Adjustment	TOTAL Adjustments				
127	204	<i>From Methodology 8 (Optional)</i>	<i>From Methodology 8 (Optional)</i>	<i>From Methodology 8 (Optional)</i>	0	127.1041558	127.1041558	YES	
NOTES:									

**Appendix B**  
**Consumer Confidence Report**

Rio Linda/Elverta Community Water District  
 730 L Street, P.O. Box 400  
 Rio Linda, CA 95673  
 Tel (916) 991-1000  
 Fax (916) 991-6616  
 Website: www.rlecwd.com



**Board of Directors**  
 John Ridilla, President  
 Mary Harris, V.P.  
 Brent Dills  
 Duane Anderson  
 Paul Green

Monthly Board meetings are held  
 the third Monday of every month

## Rio Linda/Elverta Community Water District 2016 Consumer Confidence Report

Este informe contiene informacion muy importante sobre su agua beber.  
 Traduzcalo o hable con alguien que lo entienda bien.

### Dear Rio Linda/Elverta Community Water District Customer:

Water quality is an important to the District. Providing water that meets state and federal drinking water standards is our number one priority. The District provides water quality information each year to customers in conformance with these state and federal regulations. The District's water supply is obtained from eleven groundwater wells located throughout the community. An assessment of the District's drinking water sources (wells) was completed in December 2004 and can be obtained at the District office. The source water assessment for the Rio Linda/Elverta Community Water District determined that the District's sources are considered most vulnerable to activities associated with contaminants detected in water supplies from high and low density septic systems. In addition, the sources are considered vulnerable to these activities; illegal activities, un-authorized dumping, sewer collection systems, wells agriculture/irrigation, dry cleaners, airports maintenance/fueling, fleet truck/bus terminals, plastic/synthetics producers, automobile repair shops, electrical/electronic manufacturing, chemical/petroleum processing and storage facilities, and automobile fuel stations. If you have consumers such as renters or workers who do not get water bills, we can send you additional copies upon request to make this report available to those who use water at your facility. If you have any questions about this report, contact the District office during regular business hours of 7:00 am - 4:00 pm Monday thru Friday at (916) 991-1000.

### Microbiological Quality of Water.

Monitoring for bacteriological constituents in the distribution system is required of all water systems. The District has test sample sites within the Distribution system in locations approved by the State Water Resources Control Board, Division of Drinking Water (SWRCBDDW) from which weekly samples are collected. The District was required to collect 208 bacteriological test samples from these sites in 2015. Zero (0) of the required test samples last year were found to contain coliform bacteria.

WEEKLY DISTRIBUTION SYSTEM BACTERIOLOGICAL SAMPLING RESULTS					
Microbiological Contaminants	No. of Detections	Months in violation	MCL	MCLG	Typical Source of Contaminants
Total Coliform Bacteria	Detections this year: 0	0	No more than 1 positive monthly	0	Naturally present in the environment
Fecal Coliform and E. Coli	Detections This year: 0	0		0	Human and animal fecal waste

DETECTED PRIMARY DRINKING WATER CONSTITUENTS regulated to protect your health							
PARAMETER	UNITS	PHG (MCLG)	MCL	DLR	AVERAGE	RANGE	Typical Source of Contaminants
*Barium - 2012	PPB	200	1000	100	55.45	0 - 150	Erosion of natural deposits
*Fluoride - 2012	PPM	1	2	0.1	0.22	.17 - .3	Erosion of natural deposits
Arsenic	PPB	0.004	10	2	5	2.6 - 8.9	Erosion of natural deposits
Chromium	PPB	(100)	50	10	8.36	0 - 17	Erosion of natural deposits
Hexavalent Chromium	PPB	0.02	10	1	9.3	2.6 - 16	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits
*Radium 228 - 2007	pCi/L	0.019	5	1	0.39	<1 - 1.46	Erosion of natural deposits
Nitrate (as NO3)	PPM	45	45	2	4.41	0 - 12	Leaching from fertilizer use; leaching from septic tanks / sewage; erosion of natural deposits

**Arsenic** above 5 ppb up to 10 ppb: While your drinking water meets the current federal and state standard for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The U.S Environmental Protection Agency continues to research the health effects of low levels of arsenic. Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems and may have an increased risk of cancer.  
**Hexavalent Chromium** Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.

DETECTED SECONDARY DRINKING WATER CONSTITUENTS regulated for aesthetic qualities							
PARAMETER	UNITS	PHG (MCLG)	MCL	DLR	AVERAGE	RANGE	Typical Source of Contaminants
*Total Dissolved Solids 2012	PPM	No Standard	1000	N/A	219	180 - 270	Runoff/leaching from natural deposits
*Sulfate 2012	PPM	No Standard	500	0.5	5.6	0 - 11	Runoff/leaching from natural deposits; industrial wastes
*Specific Conductance 2012	umhos	No Standard	1600	N/A	270	200 - 350	Substances that form ions when in water
*Chloride 2012	PPM	No Standard	500	N/A	20.65	8.4 - 54	Runoff/leaching from natural deposits

RESULTS FROM SODIUM AND HARDNESS							
PARAMETER	UNITS	PHG (MCLG)	MCL	DLR	AVERAGE	RANGE	Typical Source of Contaminants
*Hardness 2012	PPM	No Standard	N/A	N/A	92.3	60 - 130	Sum of polyvalent cations present in water, generally magnesium and calcium, and are usually natural occurring
*Sodium 2012	PPM	No Standard	N/A	N/A	23.1	18 - 30	Salt present in the water and is generally natural occurring

DETECTED UNREGULATED CONSTITUENTS							
PARAMETER	UNITS	PHG (MCLG)	MCL	DLR	AVERAGE	RANGE	Typical Source of Contaminants
*Calcium 2012	PPM	No Standard	N/A	N/A	17.46	10 - 24	Erosion of natural deposits

*Magnesium 2012	PPM	No Standard	N/A	N/A	11.65	8.2 - 17	Erosion of natural deposits
SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER							
CHEMICAL	ACTION LEVEL (Mg/L)	SOURCE WATER (Mg/L)	AT THE TAP 90 <sup>TH</sup> PERCENTILE (mg/L)			Typical Source of Contaminants	
Copper (2014)	1.3	ND	0.11			Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits	
Lead (2014)	15	ND	ND			Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	

\* Data reported is from most current samples for these constituents. Some contaminants are not required to be monitored for each year because the concentration of these contaminants does not change frequently. Some of our data reported, though representative is more than one year old. In addition to these constituents the District tested for many other organic and inorganic chemicals, none of which were detected in the water.

DETECTED UGMR3 MONITORING CONSTITUENTS					
CONSTITUENT	UNITS	RANGE	AVERAGE	SAMPLE DATE	Typical Source of Contaminants
Chromium (total)	PPB	4.9 - 15	10.25	2015	Naturally-occurring element; used in making steel and other alloys; Chromium-3 or -6 forms are used from chrome plating, dyes and pigments, leather tanning, and wood preservation
Strontium	PPB	97 - 250	177.9	2015	Naturally-occurring element; historically, commercial use of strontium has been in the faceplate glass of cathode-ray tube televisions to block x-ray emissions
Vanadium	PPB	34 - 52	40.5	2015	Naturally-occurring elemental metal; used as vanadium pentoxide which is a chemical intermediate and a catalyst
Hexavalent Chromium (Dissolved)	PPB	3.9 - 12	8.89	2015	Naturally-occurring element; used in making steel and other alloys; Chromium-3 or -6 forms are used from chrome plating, dyes and pigments, leather tanning, and wood preservation
Chlorate	PPB	46 - 490	188.36	2015	Decomposition of Sodium Hypochlorite; Disinfection by-product

**Abbreviations and Definitions**

**Non-Detects (ND)** – laboratory analysis indicates that the constituent is not detectable at testing limit

**DLR:** Detection limit for Reporting purposes; set by State Water Resources Control Board Division of Drinking Water (SWRCBDDW).

**ppm** – Parts per million or milligrams per liter (mg/L)

**ppb** – Parts per billion or micrograms per liter (µg/L)

**pCi/L** – Picocuries per liter (a measure of radiation)

**MFL** – Million fibers per Liter (a measure of asbestos fibers longer than 10 micrometers)

**NTU:** Nephelometric Turbidity Unit – Measure of the clarity of water

**MCL:** Maximum Contaminant Level – The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the

PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water

**MCLG:** Maximum Contaminant Level Goal – The level of a contaminant in drinking water below which there is no known or expected risk to health.

MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

**MRDL:** Maximum Residual Disinfectant Level – The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**MRDLG:** Maximum Residual Disinfectant Level Goal – The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. MRDLG's are set by the USEPA

**Primary Drinking Water Standards** – These standards define surface water treatment requirements, and the monitoring and reporting requirements for constituents required by regulations. State and federal regulators establish the Maximum Contaminant Level for constituents that affect health

**PHG:** Public Health Goal – The level of a contaminant in drinking water below which there is no known or expected risk to health. PHG's are set by the California Environmental Protection Agency

**TON:** Threshold Odor Number

**N/A:** Not Applicable

**At the Tap 90<sup>th</sup> Percentile** – Not Representative of source water, representative of testing on a select group of homes using State Water Resources Control Board Division of Drinking Water (SWRCBDDW) guidelines. These tests determine whether household plumbing have affected the Water Quality.  
<: Less than

• : An accurate measurable average could not be determined with the current test data.

**The source of drinking water** provided by the District is derived solely from wells (groundwater). As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

**Contaminants that may be present in source water include:**

- Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, livestock operations, and wildlife
- Inorganic contaminants, such as salts and metals, that can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil/gas production, mining, or farming;
- Pesticides and herbicides, that may come from a variety of sources such as agriculture, urban storm water run off, and residual uses;
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems;
- Radioactive contaminants, that can be naturally occurring, or be the result of oil and gas production and mining activities

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board Division of Drinking Water (SWRCBDDW) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

**Additional General Information on Drinking Water**

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants the presence of which does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1-800-426-4791, or visit their website at [www.epa.gov/safewater](http://www.epa.gov/safewater). Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune systems disorder, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791, or visit their website at [www.epa.gov/safewater](http://www.epa.gov/safewater). Rio Linda/Elverta Community Water District staff can be reached at 916-991-1000 to discuss any questions you may have on this report.

**Appendix C**  
**Water Shortage Contingency Ordinance**

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**ORDINANCE NO. 2015-01**

**AN ORDINANCE OF THE RIO LINDA/ELVERTA COMMUNITY WATER DISTRICT PRESCRIBING RULES AND REGULATIONS GOVERNING WATER CONSERVATION AND WATER SHORTAGES**

**WHEREAS**, California Constitution article X, section 2 provides that because of conditions prevailing in the state of California (the "State"), the water resources of the State shall be put to beneficial use to the fullest extent of which they are capable, the waste or unreasonable use of water shall be prevented, and the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and the public welfare; and

**WHEREAS**, pursuant to California Water Code section 106, it is the declared policy of the State that the use of water for domestic use is the highest use of water and that the next highest use is for irrigation; and

**WHEREAS**, pursuant to California Water Code sections 350 and 31020, and Section 4.14.010 of Chapter 4.14 of the Rio Linda/Elverta Community Water District Policy Manual, the Board of Directors (the "Board") of the Rio Linda/Elverta Community Water District (the "District") is authorized to declare (i) a water shortage when it determines that it will or may not be able to meet all of the water demands of its customers; and (ii) a water shortage emergency when it determines that the District will not be able to or cannot meet the ordinary demands and requirements of water consumers without depleting the water supply of the District to the extent that there would be insufficient water for human consumption, sanitation, and fire protection, and as more fully set forth in this Ordinance (a "Water Shortage"); and

**WHEREAS**, It is necessary for the District to adopt and implement drought response measures and a water conservation and regulatory program to regulate the water consumption activities within the District and ensure that the water delivered in the District is put to beneficial use for the greatest public benefit, with particular regard to domestic use, including human consumption, sanitation, and fire protection, and that the waste or unreasonable use of water is prevented; and

**WHEREAS**, pursuant to California Water Code sections 375, 31020, 31026-31028, the District is authorized to prescribe and define by ordinance restrictions, prohibitions, and exclusions for the use of water during a threatened or existing water shortage and adopt and enforce a water conservation and regulatory program to: (i) prohibit the wastage of District water or the use of District water during such period; (ii) prohibit use of water during such periods for specific uses which the District may from time to time



find nonessential; and (iii) reduce and restrict the quantity of water used by those persons within the District for the purpose of conserving the water supplies of the District; and

**WHEREAS**, the District hereby finds and determines that pursuant to the provisions of this Ordinance and Chapter 4.14 of the District Policy Manual the District shall: (i) implement drought response and water conservation measures; (ii) regulate the water consumption activities of persons within the District for the purposes of conserving and protecting the District's water supplies, reducing the quantity of water consumed, and deterring and preventing the waste or unreasonable use or unreasonable method of use of valuable water resources; and (iii) establish and collect regulatory fees as set forth herein to accomplish these purposes and recover the costs of the District's water conservation and regulatory program; and

**WHEREAS**, the Board of Directors hereby finds and determines that it is desirable to codify the rules and regulations governing its actions, and the actions of persons within the District during declared water shortages, the current Water Shortage, and any future Water Shortage; and

**WHEREAS**, the Board of Directors hereby finds that this Ordinance supersedes Ordinance No. 2008-01 regarding the Water Shortage requirements.

**NOW, THEREFORE, BE IT ORDAINED** by the Board of Directors of the Rio Linda/Elverta Community Water District as follows:

**Section 1. Recitals.** The District hereby finds and determines that the above recitals are true and correct and incorporated herein.

**Section 2. Declaration of Policy.**

(a) The Board finds and determines that during periods of drought, Water Shortage, or water emergency the general welfare requires that the District maximize the beneficial use of its available water resources to the extent that it is capable, and that the waste or unreasonable use, or unreasonable method of use of water shall be prevented and the conservation of water is to be extended with the view to the reasonable and beneficial use thereof in the interests of the people of the District and for the public welfare.

(b) This Ordinance establishes water conservation and drought response measures and regulations to be implemented during declared water conservation stages.

(c) This ordinance establishes five stages of water conservation and drought response measures to be implemented by the District, with increasing restrictions on water use in response to worsening drought conditions and decreasing water supplies.

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**Section 3. Definitions.**

For the purposes of this Ordinance, the following words, terms, and phrases shall have the following meanings:

- (a) "Greywater" means household wastewater other than toilet waste.
- (b) "Person" means any natural person, firm, joint venture, joint stock company, partnership, public or private association, club, company, corporation, business trust, organization, public or private agency, government agency or institution, school district, college, university, any other user of water provided by the City, or the manager, lessee, agent, servant, officer or employee of any of them or any other entity which is recognized by law as the subject of rights or duties.
- (c) "Property owner" means the record owner of real property based on the County Assessor's records.
- (d) "Water customer" or "customer" means a person who, according to the District's records, receives water service to a parcel of property.

**Section 4. Application.**

- (a) The provisions of this Ordinance shall apply to all persons and property served by the District wherever situated.
- (b) Nothing in this Ordinance is intended to affect or limit the ability of the District to respond to an emergency, including an emergency that affects the ability of the District to supply water.

**Section 5. Water Conservation – Normal Water Supply.**

"Normal Water Supply" applies during periods when the District is able to meet all of the water demands of its customers. Water is a limited natural resource and must be used efficiently and economically to meet the health and safety needs of the community. All normal water efficiency programs and water conservation regulations of the District will be in full force and effect during Normal Water Supply conditions. All water conservation measures and elements of Water Conservation Stage 1 "Water Alert", as defined herein, shall apply on a voluntary basis during Normal Water Supply conditions.

- (a) It is unlawful for any person to make, cause, or use or permit the use of water from the District for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provisions of this Ordinance, or in an amount in excess of that use permitted by the following water conservation stages which are in effect pursuant to action taken by the Board in accordance with this Ordinance.

(b) It is unlawful at any time for any person to waste water or to use it unreasonably. Unreasonable uses of water shall include, but are not limited to, the following practices:

(1) Allowing water to leave the customer's property by drainage onto adjacent properties or public or private roadways or streets due to excessive irrigation and/or uncorrected leaks;

(2) Failing to fix leaks or faulty sprinklers within 7 days of detection; and

(3) Discourage using water to wash down sidewalks, driveways, parking areas, tennis courts, patios or other paved areas, except to alleviate immediate safety or sanitation hazards.

(4) Decorative water features (water fountains) etc. must recirculate water and shall be leak proof.

(5) All landscape shall be watered during cooler morning and evening hours to reduce evaporation and minimize landscape runoff.

(6) No landscape watering shall occur while it is raining or snowing or for 48 hours thereafter.

(7) Use a shutoff nozzle on hoses.

(8) Unauthorized use of hydrants is prohibited. Authorization for use must be obtained from the District.

(9) Commercial industrial, institutional equipment must be properly maintained and in full working order.

(10) Encourage customers to wash only full loads when washing dishes or clothes.

(11) Encourage customers to use pool covers to minimize evaporation.

(12) Encourage restaurants to serve water only on request.

(13) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment, is permitted at any time with a hand-held bucket or a hand-held hose equipped with an automatic, positive shut-off nozzle for quick rinses. Washing may be done at any time on the immediate premises of a commercial car wash or commercial service station, or by a mobile car wash or on-site car wash using high pressure washing equipment. Further, such washings are exempted from these regulations where

the health, safety, and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles to transport food and perishables.

(c) A water conservation stage shall be determined by the Board in accordance with the provisions of this Ordinance and shall remain in full force and effect until otherwise determined or discontinued by the Board. The provisions of sections 4.14.010 thru 4.14.200 of Chapter 4.14 of the District Policy Manual are hereby incorporated by reference into this Ordinance and are applicable during any water conservation stage.

(d) During Normal Water Supply conditions, the water conservation and drought response measures are voluntary and will be enforced through local and regional public education and awareness measures by the District.

(e) During Water Conservation Stages 1 through 4, the water conservation and drought response measures are mandatory and violations are subject to criminal, civil, and administrative penalties and remedies as specified in this Ordinance and the District Policy Manual.

#### **Section 6. Water Conservation Stage 1 - Water Alert.**

(a) Water Conservation Stage 1 is also referred to as a "Water Alert" and applies during periods when a reasonable probability exists that the District will not be able to meet all of the water demands of its customers. Water Conservation Stage 1 may be caused by, but is not limited to, any or all of the following circumstances or events: (i) a regional water supply shortage exists and a regional public outreach campaign is being implemented asking customers to reduce water use; (ii) groundwater wells are inoperable or unusable (such as by power outages, mechanical failure, or contamination); (iii) alternative water supplies are unavailable; and (iv) groundwater levels or groundwater quality is approaching levels which may require augmentation of the groundwater basin or other actions necessary to protect the groundwater basin as prescribed by the Sacramento Groundwater Authority, Sacramento County, or some other regulatory body.

(b) The objective of the measures undertaken in Water Conservation Stage 1 is to reduce water system consumption within the District by twenty percent.

(c) Except as otherwise provided herein, all water conservation and drought response measures of Normal Water Supply conditions shall be in full force and effect during Water Conservation Stage 1. Upon declaration of a Water Conservation Stage 1 by the Board, implementation by the District and publication of notice, the following water conservation and drought response measures shall apply:

(1) The District shall determine the total amount of water delivered to the property of each District customer in the prior fiscal year (the "Base Year Consumption Amount"). Water customers shall reduce their water consumption by 20

percent from the Base Year Consumption Amount for the duration of Water Conservation Stage 1. Provided, however, the Base Year Consumption Amount for subsequent fiscal years shall be determined by the District as appropriate in the event that the District is required to continue Water Conservation Stage 1 for more than twelve months.

(2) Lawns and/or ground covers may be watered and landscaping/pastures may be irrigated, including construction meter irrigation, only during the following designated days:

(A) Lawns and/or ground cover may be watered and landscaping/pastures may be irrigated for properties with odd number street addresses only on Saturdays, Mondays, and Wednesdays;

(B) Lawns and/or ground cover may be watered and landscaping/pastures may be irrigated for properties with even number street addresses only on Sundays, Tuesdays, and Thursdays;

(C) Watering lawns and/or ground cover and irrigating landscaping/pastures is prohibited on Fridays and

(D) Plant containers, trees, shrubs and vegetable gardens may be watered additional days using only drip irrigation or hand watering.

(3) All irrigation timers shall be adjusted to comply with the provisions of Section 6(c)(2) hereof.

(4) Notwithstanding the provisions of Section 7(c)(2) herein, the use of greywater to irrigate fruit trees, lawns and ground covers, and ornamental trees and shrubs is permitted on any day and at any time. Provided, however, greywater may only be used in accordance with Health Department regulations.

(5) Prohibit using water to wash down sidewalks, driveways, parking areas, tennis courts, patios or other paved areas, except to alleviate immediate safety or sanitation hazards.

#### **Section 7. Water Conservation Stage 2 - Water Warning.**

(a) Water Conservation Stage 2 is also referred to as a "Water Warning" and applies during periods when the District will not be able to meet all of the water demands of its customers. Water Conservation Stage 2 may be caused by, but is not limited to, any or all of the following circumstances or events: (i) a regional water supply shortage exists and a regional public outreach campaign is being implemented asking customers to reduce water use; (ii) groundwater wells are inoperable or unusable (such as by power outages, mechanical failure, or contamination); (iii) alternative water supplies are

unavailable; and (iv) groundwater levels or groundwater quality is approaching levels which may require augmentation of the groundwater basin or other actions necessary to protect the groundwater basin as prescribed by the Sacramento Groundwater Authority, Sacramento County, or some regulatory body.

(b) The objective of the measures undertaken in Water Conservation Stage 2 is to reduce water system consumption within the District by thirty percent.

(c) Except as otherwise provided herein, all water conservation and drought response measures of Normal Water Supply conditions and Water Conservation Stage 1 shall be in full force and effect during Water Conservation Stage 2. Upon declaration of Water Conservation Stage 2 by the Board, implementation by the District and publication of notice, the following water conservation and drought response measures shall apply:

(1) Water customers shall reduce their water consumption by thirty percent from the Base Year Consumption Amount for the duration of Water Conservation Stage 2. Provided, however, the Base Year Consumption Amount for subsequent fiscal years shall be determined by the District as appropriate in the event that the District is required to continue Water Conservation Stage 2 for more than twelve months.

(2) Lawns and/or ground cover may be watered and landscaping/pastures may be irrigated, including construction meter irrigation, only during the following designated days:

WARM/DRY SEASON (Typically May thru October)

(A) Lawns and/or ground cover may be watered and landscaping/pastures may be irrigated for properties with odd number street addresses only on Saturdays and Wednesdays;

(B) Lawns and/or ground cover may be watered and landscaping/pastures may be irrigated for properties with even number street addresses only on Sundays and Thursdays; and

(C) Watering lawns and/or ground cover and irrigating landscaping/pastures is prohibited on Mondays and Fridays.

(D) Plant containers, trees, shrubs and vegetable gardens may be watered additional days using drip irrigation or hand watering.

COOL/WET SEASON (Typically November thru April)

(A) Turf shall not be watered unless utilizing non potable water during extended dry spells.

(B) Plant containers, trees, shrubs and vegetable gardens shall be watered only by drip irrigation or hand watering.

(3) Notwithstanding the provisions of Section 7(c)(2) herein, the use of greywater to irrigate fruit trees, lawns and ground covers, and ornamental trees and shrubs is permitted on any day and at any time. Provided, however, greywater may only be used in accordance with Health Department regulations.

(4) Irrigation timers shall be adjusted to comply with the provisions of Section 7(c)(2) hereof.

(5) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment is permitted only on watering days with a hand-held bucket or a hand-held hose equipped with an automatic, positive shut-off nozzle for quick rinses. Washing is permitted at any time on the immediate premises of a commercial car wash. The use of water by all types of commercial car washes not using partially reclaimed or recycled water shall be reduced in volume by an amount determined by the Board. Further, such washings are exempt from these regulations where the health, safety, and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles to transport food and perishables.

(6) The overfilling of swimming pools and spas is prohibited.

(7) The operation of any ornamental fountain or similar structure is prohibited.

(8) A new meter shall be issued only when a meter is returned. Construction projects requiring water from a construction meter or a water truck shall not use water unnecessarily for any purposes other than those required by regulatory agencies. Construction projects requiring water for new landscapes shall adhere to the designated days and times as set forth in Section 7(c)(2) hereof. Further, construction projects necessary to maintain the health, safety, and welfare of the public are exempt from these regulations.

### **Section 8. Water Conservation Stage 3. - Water Crisis.**

(a) Water Conservation Stage 3 is also referred to as a "Water Crisis" and applies during periods when the District will not be able to meet all of the water demands of its customers. Water Conservation Stage 3 may be caused by, but is not limited to, any or all of the following circumstances or events: (i) a regional water supply shortage exists and a regional public outreach campaign is being implemented asking customers to reduce water use; (ii) groundwater wells are inoperable or unusable (such as by power outages, mechanical failure, or contamination); (iii) alternative water supplies are unavailable; (iv) groundwater levels or groundwater quality is approaching levels which

may require augmentation of the groundwater basin or other actions necessary to protect the groundwater basin as prescribed by the Sacramento Groundwater Authority, Sacramento County, or some other regulatory body; and (v) a major failure of any supply or distribution facility, whether temporary or permanent, occurs in the water distribution system of the State or District water facilities.

(b) The objective of the measures undertaken in Water Conservation Stage 3 is to reduce water consumption within the District by forty percent.

(c) Except as otherwise provided herein, all water conservation and drought response measures of Normal Water Supply conditions, Water Conservation Stages 1, and 2 shall be in full force and effect during Water Conservation Stage 3. Upon declaration of a Water Conservation Stage 3 by the Board, implementation by the District and publication of notice, the following water conservation and drought response measures shall apply:

(1) Water customers shall reduce their water consumption by forty percent from the Base Year Consumption Amount for the duration of Water Conservation Stage 3. Provided, however, the Base Year Consumption Amount for subsequent fiscal years shall be determined by the District as appropriate in the event that the District is required to continue Water Conservation Stage 3 for more than twelve months.

(2) The Board shall have the option of temporarily imposing a drought surcharge as noted in the water rate ordinance to address Water Crisis related costs.

(3) Irrigation of landscaping and pastures shall be limited to supporting minimal survival of trees and shrubs. Landscaping and/or pastures may be irrigated, including construction meter irrigation, only during the following designated days:

WARM SEASON (Typically May thru October)

(A) Properties with odd number street addresses may irrigate landscaping and pastures only on Saturdays;

(B) Properties with even number street addresses may irrigate landscaping and pastures only on Sundays; and

(C) Irrigating landscaping and pastures is prohibited on Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays.

(D) Plant containers, trees, shrubs and vegetable gardens may be watered additional days by drip irrigation or hand watering.



COOL SEASON (Typically November thru April)

(A) Turf shall not be watered unless utilizing non potable water during extended dry spells.

(B) Plant containers, trees, shrubs and vegetable gardens shall be watered only by drip irrigation or hand watering.

(4) Notwithstanding the provisions of Section 8(c)(2) herein, the use of greywater to irrigate fruit trees, lawns and ground covers, and ornamental trees and shrubs is permitted on any day and at any time. Provided, however, greywater may only be used in accordance with Health Department regulations.

(5) All outdoor watering and irrigation of lawns and ground covers is prohibited with the exception of plant materials classified and determined by the District General Manager to be rare, or essential to the well being of the public at large or livestock, and as otherwise provided in Section 12.

(6) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment is prohibited. Washing is permitted at any time on the immediate premises of a commercial car wash. Further, such washings are exempt from these regulations where the health, safety and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles to transport food and perishables.

(7) The filling, refilling, or adding of water to swimming pools, spas, ponds, streams, and artificial lakes is prohibited unless required for public health and safety purposes.

(8) The use of water for cooling mists is prohibited.

(9) The use of water for commercial, manufacturing or processing purposes shall be reduced in volume by an amount determined by the Board.

(10) No new construction meters will be issued. Construction water shall not be used for earthwork, road construction purposes, dust control, compaction, or trenching jetting. Construction projects necessary to maintaining the health, safety, and welfare of the public are exempt from these regulations.

(11) Except property for which a building permit has been heretofore issued, no new connection permits shall be provided, except in the following circumstances:

(A) Projects necessary to protect the public's health, safety, and welfare;

- (B) When using reclaimed water; or
- (C) When the recipient of the building permit can demonstrate that no net increase in water use will occur.

**Section 9. Water Conservation Stage 4 – Water Emergency.**

(a) Water Conservation Stage 4 is also referred to as a “Water Emergency” and applies during periods when the District will not be able to meet all of the water demands of its customers. Water Conservation Stage 4 may be caused by, but is not limited to, any or all of the following circumstances or events: (i) a regional water supply shortage exists and a regional public outreach campaign is being implemented asking customers to reduce water use; (ii) groundwater wells are inoperable or unusable (such as by power outages, mechanical failure, or contamination); (iii) alternative water supplies are unavailable; (iv) groundwater levels or groundwater quality is approaching levels which may require augmentation of the groundwater basin or other actions necessary to protect the groundwater basin as prescribed by the Sacramento Groundwater Authority, Sacramento County, or some regulatory body; and (v) a major failure of any supply or distribution facility, whether temporary or permanent, occurs in the water distribution system of the State or District water facilities and the District cannot meet all of the water demands of its customers.

(b) The objective of the measures undertaken in Water Conservation Stage 4 is to reduce water consumption by fifty percent.

(c) Except as otherwise provided herein, all water conservation and drought response measures of Normal Water Supply conditions, Water Conservation Stages 1, 2, and 3, shall be in full force and effect during Water Conservation Stage 4. Upon declaration of a Water Conservation Stage 4 by the Board, implementation by the District and publication of notice, the following water conservation and drought response measures shall apply:

(1) Water customers shall reduce their water consumption by fifty percent from the Base Year Consumption Amount for the duration of Water Conservation Stage 4. Provided, however, the Base Year Consumption Amount for subsequent fiscal years shall be determined by the District as appropriate in the event that the District is required to continue Water Conservation Stage 4 for more than twelve months.

(2) All outdoor watering and irrigation of lawns and ground cover, and landscaping and pastures is prohibited with the exception of the use of greywater to irrigate fruit trees, lawns and ground covers, and ornamental trees and shrubs is permitted on any day and at any time. Provided, however, greywater may only be used in accordance with Health Department regulations.

(3) The District shall not allow any new connections to the water system during Water Conservation Stage 4.

**Section 10. Mandatory Conservation Phase Implementation.**

The District General Manager, or his or her designee, shall monitor the projected supply and demand for water by its customers on a daily basis during periods of a Water Shortage or drought and shall recommend to the Board the extent of the conservation required through the implementation and/or termination of particular water conservation stages to prudently plan and supply water to its customers. Thereafter, the Board may order the implementation or termination of the appropriate water conservation stage. The declaration of any stage beyond normal water conservation conditions shall be made by public announcement and shall be published a minimum of one (1) time for three (3) consecutive weeks in a weekly newspaper of general circulation. Such declaration and notice shall provide the extent, terms, and conditions respecting the use and consumption of water in accordance with the applicable water conservation stage as provided in this Ordinance. Upon such declaration and publication of such notice, due and proper notice shall be deemed to have been given each and every person supplied water within the District. The water conservation stage designated shall become effective immediately upon announcement.

**Section 11. Enforcement**

(a) It shall be unlawful for any person to violate the provisions of this Ordinance. Violations of these provisions shall be a misdemeanor subject to imprisonment in the county jail for not more than 30 days or by fine not to exceed \$1,000, or by both as provided in California Water Code sections 377 and 31029, and as set forth in this Ordinance. The District can alternatively seek injunctive relief in the Superior Court or pursue any other remedy at law to enforce the provisions of this Ordinance. In addition to any other remedies which the District may have for the enforcement of this Ordinance, including the nuisance abatement lien process included in Chapter 4.23 of the District's Policy Manual, service of water may be discontinued or appropriately limited to any customer who uses water in violation of any provision of this Ordinance and as set forth in this Ordinance.

(b) Each day that a violation of this Ordinance occurs is a separate offense.

(c) For the first violation of any provision of this Ordinance, within two weeks of the violation:

(1) The District shall send a District water conservation specialist or provide written notice to the property where the violation occurred to advise the person responsible for the violation of: (A) the water conservation stage then in effect and the provisions of this Ordinance relating thereto; (B) water conservation and drought response measures that are required and may be implemented pursuant to this Ordinance; (C) possible consequences of future violations of this Ordinance, including discontinuance of water service; and (D) penalties that may be imposed for the specific violation and any future violations of this Ordinance; and

(2) If the District Manager deems it to be appropriate, the District may order the installation of a flow-restricting device on the service line for any person who violates any term or provision of this Ordinance.

(d) For a second or any subsequent violation of this Ordinance within a 12 month period:

(1) The District shall impose fines as follows:

(A) For the second violation of this Ordinance within a 12 month period, the District shall impose a fine of Fifty Dollars (\$50).

(B) For the third violation of this Ordinance within a 12 month period, the District shall impose a fine in the amount of Seventy Five Dollars (\$75).

(C) For a fourth and all subsequent violations of this Ordinance within a 12 month period, the District shall impose a fine of One Hundred Twenty Five Dollars (\$125).

(2) The District shall send a District water conservation specialist or provide written notice of violation to the property where the violation occurred to notify the person at the property of: (A) the water conservation stage then in effect and the provisions of this Ordinance relating thereto; (B) the water conservation and drought response measures that are required and may be implemented by such person; and (C) possible consequences which may occur in the event of any future violations of this Ordinance;

(3) If the District Manager deems it to be appropriate, the District may order the installation of a flow-restricting device on the service line for any person who violates any term or provisions of this Ordinance;

(4) If the District Manager deems it to be appropriate, the District may discontinue water service at the location where the violation occurred;

(5) If a flow restrictor is installed at the property where the violation occurred, the District shall impose a penalty per current Rate Ordinance for the

installation and removal of any flow restrictor installed by the District to restrict the amount of water delivered to a person who has violated this Ordinance; and

(6) If water service is discontinued at the property where the violation occurred, the District shall impose a reconnection penalty per the current rate Ordinance, as fixed from time to time by the Board, if the person requests to reconnect the property to the water system;

(7) The District shall impose any other penalties, as fixed from time to time by the Board, for a violation of this Ordinance or in accordance with California Water Code sections 377 and 31029.

(8) If available there is an option of going to water school in lieu of paying the first penalty. Water school may be attended once per year,

(e) The District may, after one written notice of violation pursuant to this Section 11, order that a special meter reading or readings be made in order to ascertain whether wasteful or unreasonable use of water is occurring. The District may impose a meter reading fee for each meter reading it conducts pursuant to this Ordinance.

(f) In order to recover the costs of this water conservation regulatory program, the Board may, from time to time, fix and impose fees for:

(1) Any visits of a water conservation specialist or other District staff for time incurred or for meter reading, follow-up visits, or the installation of a flow restrictor device;

(2) Enforcing any term or provision of this Ordinance;

(3) Reinitiating service at the property where service has been discontinued pursuant to this Ordinance; and

(4) Processing any fees necessary to carry out the provisions of this ordinance.

(g) The District hereby adopts the penalties set forth in Exhibit A to this Ordinance, attached hereto and by this reference incorporated herein, for violations of this Ordinance. Such penalties and fees may be fixed and amended from time to time by resolution of the Board.

(h) The failure of any person with an interest in the property to receive any notice served in accordance with this Ordinance shall not affect the validity of any proceedings taken under this Ordinance. The notice requirements in this Section do not apply to initial notices of violation which may be sent by regular mail. Service of a notice of violation by regular mail is effective on the date of mailing.

- (i) All remedies provided herein shall be cumulative and not exclusive.

**Section 12. Variances.**

Consideration of written applications for variances regarding the regulations and restrictions on water use set forth in this Ordinance may be made by the District.

(a) Written applications for variances shall be accepted, and may be granted or denied, by the General Manager (the "Approving Authority"), at his or her sole discretion, or by his or her designee at his or her sole discretion. The application shall be in a form prescribed by the District and shall be accompanied by a non-refundable processing fee in an amount as determined by the Board.

(b) The grounds for granting or conditionally granting a variance are:

(1) Due to unique circumstances, a specific requirement of this Ordinance would result in undue hardship to a person using District water or to property upon which District water is used, that is disproportionate to the impacts to other District water users generally or to similar property or classes of water users; or

(2) Failure to grant a variance would adversely affect the health, sanitation, fire protection, or safety of the applicant or the public.

(c) The application for a variance shall be accompanied, as appropriate, with photographs, maps, drawings, and other information substantiating the applicant's request, including a statement by the applicant.

(d) An application for a variance shall be denied unless the Approving Authority finds, based on the information provided in the application, supporting documentation, or such other additional information as may be requested, and on water use information for the property as shown by the records of the District, all of the following:

(1) That the variance does not constitute a grant of special privilege inconsistent with the limitations upon other District customers.

(2) That because of special circumstances applicable to the property or its use, the strict application of this Ordinance would have a disproportionate impact on (A) the property or use that exceeds that customers generally, or (B) the applicant's health that exceeds customers generally.

(3) That the authorization of such variance will not be of substantial detriment to adjacent properties, and will not materially affect the ability of the District to effectuate the purpose of this Ordinance and will not be detrimental to the public interest.

(4) That the condition or situation of (A) the subject property or the intended use of the property for which the variance is sought is not common, recurrent, or general in nature, or (B) the applicant's health or safety is not common, recurrent, or general in nature.

(e) The denial or grant of a variance shall be acted upon within fifteen (15) days of the submittal of the complete application, including any photographs, maps, drawings, and other information substantiating the applicant's request and the statement of the applicant. The application may be approved, conditionally approved, or denied. The decision of the Approving Authority shall be prepared in writing, include terms and conditions, if any, and promptly sent to the applicant.

(f) The denial of a request for a variance may be appealed in writing to the District Board of Directors. An appeal shall be made in accordance with the following procedures:

(1) The person appealing the denial of the variance ("appellant") shall complete and submit in writing a form provided by the District for such purpose and shall state in such form the grounds for his or her appeal. All appeals shall be submitted to the District Secretary within thirty (30) calendar days of the date of the notice of the denial of the request for a variance.

(2) The Board of Directors shall conduct a hearing on such appeal at its next regularly scheduled Board meeting; provided, however, the Board of Directors shall have received the notice of appeal at least fifteen (15) calendar days prior to such meeting. If the appeal is not submitted within at least fifteen (15) calendar days prior to a regularly scheduled Board of Directors meeting, then the hearing shall be held at the following regularly scheduled Board of Directors meeting. A notice of the hearing shall be mailed to the appellant at least ten (10) calendar days before the date fixed for the hearing. The Board of Directors shall review the appeal de novo. The determination of the Board of Directors shall be conclusive. Notice of the determination by the Board of Directors shall be mailed to the appellant within ten (10) calendar days of such determination and shall indicate whether the appeal has been granted in whole or in part and set forth the terms and conditions of the variance, if any, granted to the appellant. If the appeal is denied, the appellant shall comply with all terms and conditions of this Ordinance and the applicable water conservation stage then in effect.

(3) Until the conclusion of the appeal process, all provisions and decisions under appeal shall remain in full force and effect until the conclusion of the appeal process.

### **Section 13. Conflicting Provisions.**

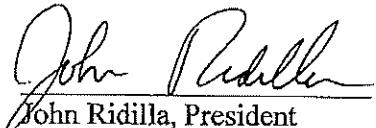
If provisions of this Ordinance are in conflict with each other, the District Policy Manual, any other resolution or ordinance of the District, or any State law or regulation, the more restrictive provisions shall apply.


**Section 14. Severability.**

If any provision, section, subsection, sentence, clause or phrase or sections of this Ordinance, or the application of same to any person or set of circumstances, is for any reason held to be unconstitutional, void or invalid, the invalidity of the remaining portions of sections of this Ordinance shall not be affected, it being the intent of the Board in adopting this Ordinance that no portions, provisions, or regulations contained herein shall become inoperative, or fail by reason of the unconstitutionality of any other provision hereof, and all provisions of this Ordinance are declared to be severable for that purpose.

**APPROVED AND ADOPTED** by the Board of Directors of the Rio Linda/Elverta Community Water District on this 21th day of December 2015.

AYES, in favor hereof: Dills, Harris, Green, Anderson and Ridilla  
NOES: None  
ABSTAIN: None  
ABSENT: None

  
John Ridilla, President  
Board of Directors

Attest:   
Board Secretary



**EXHIBIT A**  
**PENALTIES**

<u>Description of Fee or Charge</u>	<u>Code Section*</u>	
Penalty for Violation Conservation Policy	§4.14.200	Second Violation: \$50.00 Third Violation: \$75.00 Fourth Violation: \$125.00

**Appendix D**  
**CUWCC 2013/2014 Coverage Reports**



**CUWCC BMP Coverage Report 2013**

278 Rio Linda / Elverta Community Water District

**GPCD in 2006: 276.09**

**GPCD in 2013**

**GPCD Target for 2018: 276.40**

**Biennial GPCD Compliance Table**

**ON TRACK**

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	<b>281.70</b>	100%	<b>292.20</b>
2012	2	92.8%	<b>271.10</b>	96.4%	<b>281.70</b>
2014	3	89.2%	<b>260.60</b>	92.8%	<b>271.10</b>
2016	4	85.6%	<b>250.10</b>	89.2%	<b>260.60</b>
2018	5	82.0%	<b>276.40</b>	82.0%	<b>239.60</b>



## CUWCC BMP Coverage Report 2013

### Foundational Best Management Practices For Urban Water Efficiency

#### Foundational BMPs

#### BMP 1.2 Water Loss Control

278 Rio Linda / Elverta Community Water District

Completed Standard Water Audit Using AWWA Software? **Yes**      **On Track**  
 AWWA File provided to CUWCC? **No**

#### Rio Linda / Elverta Community Water District BMP1.2 FY13

AWWA Water Audit Validity Score?

Complete Training in AWWA Audit Method

Complete Training in Component Analysis Process?

Component Analysis?

Repaired all leaks and breaks to the extent cost effective?

Locate and Repair unreported leaks to the extent cost effective?

Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair.

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
77	0	42357	0		0	0

**On Track**

#### At Least As Effective As

In lieu of an active leak detection program, the City has opted to replace 1% of distribution system lines each year. Lines are replaced based on age and other asset management factors. Attached documentation shows the reduction in main breaks due to 278 Rio Linda / Elverta Community Water District BMP 1.2 Results from Main Replacement Program.

We encourage them every year to join.



CUWCC BMP Retail Coverage Report 2013

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.1 Operation Practices

278 Rio Linda / Elverta Community Water District

1. Conservation Coordinator provided with necessary resources to implement BMPs?

Name:	Melinda Tupper
Title:	Conservation Coordinator
Email:	mtupper@rlecwd.com

On Track

2. Water Waste Prevention Documents

WW Document Name	WWP File Name	WW Prevention URL	WW Prevention Ordinance Terms Description
Option A Describe the ordinances or terms of service adopted by your agency to meet the water waste prevention requirements of this BMP.	BMP 1.1 Ordinances 2008 [1].pdf		
Option B Describe any water waste prevention ordinances or requirements adopted by your local jurisdiction or regulatory agencies within your service area.	Copy_of_BMP_1.1_Ordinances_2008[1].pdf		
Option C Describe any documentation of support for legislation or regulations that prohibit water waste.	Copy1_of_BMP_1.1_Ordinances_2008[1].pdf		
Option D Describe your agency efforts to cooperate with other entities in the adoption or enforcement of local requirements consistent with this BMP.	Copy2_of_BMP_1.1_Ordinances_2008[1].pdf		
Option E Describe your agency support positions with respect to adoption of legislation or regulations that are consistent with this BMP.	Copy3_of_BMP_1.1_Ordinances_2008[1].pdf		
Option F Describe your agency efforts to support local ordinances that establish permits requirements for water efficient design in new development.	Copy4_of_BMP_1.1_Ordinances_2008[1].pdf		

On Track



BMP 1.2 Water Loss Control

2013

Agency name:

Reporting unit number:

Reporting unit name (District name)

AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software

Water Audit Validity Score from AWWA spreadsheet:

Email to office@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

Agency Completed Training In The AWWA Water Audit Method

Agency Completed Training In The Component Analysis Process

Completed/Updated the Component Analysis (at least every 4 years)?

Component Analysis Completed/Updated Date

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective

**Recording Keeping Requirements:**

Date/Time Leak Reported	Leak Location
Type of Leaking Pipe Segment or Fitting	Leak Running Time From Report to Repair
Leak Volume Estimate	Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective

Type of Program Activities Used to Detect Unreported Leaks

Does your agency maintain in-house records of audit results or the completed AWWA worksheet for the completed audit which could be forwarded to CUWCC?

Does your agency keeps records of each component analysis performed, and incorporates results into future annual standard water balances?

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leak Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken For Loss Reduction	Cost Of Interventions	Water Saved (AF/Year)
<input type="text" value="77"/>	<input type="text" value="0"/>	<input type="text" value="42357"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Comments:



**CUWCC BMP Coverage Report 2013**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.3 Metering With Commodity

278	Rio Linda / Elverta Community Water District
-----	--

Numbered Unmetered Accounts	No	On Track
Metered Accounts billed by volume of use	Yes	On Track
Number of CII Accounts with Mixed Use Meters	165	
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No	Not On Track
Feasibility Study provided to CUWCC?	No	Not On Track
Completed a written plan, policy or program to test, repair and replace meters	Yes	On Track
At Least As Effective As	No	



**CUWCC BMP Coverage Report 2013**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.4 Retail Conservation Pricing

278 Rio Linda / Elverta Community Water District

Implementation (Water Rate Structure)

Customer Class	Water Rate Type	Conserving Rate?
Single-Family	Increasing Block	Yes
Commercial	Increasing Block	Yes
Industrial	Increasing Block	Yes
Multi-Family	Increasing Block	Yes
Dedicated Irrigation	Increasing Block	Yes
Institutional	Increasing Block	Yes

On Track

Customer Class	Water Rate Type	(V) Total Revenue Comodity Charges	(M) Total Revenue Fixed Charges
Single-Family	Increasing Block	537784.09	1427152.06
Commercial	Increasing Block	20903.67	62680.85
Industrial	Increasing Block	3631.7	7144.3
Multi-Family	Increasing Block	7517.72	13858.59
Dedicated Irrigation	Increasing Block	7696.7	9854.43
Institutional	Increasing Block	67637.83	53040.38
		<b>645171.71</b>	<b>1573730.61</b>

Calculate:  $V / (V + M)$  29 %

Implementation Option: Use Annual Revenue As Reported

Agency Provide Sewer Service: No

At Least As Effective As No



Agency Name   
 Reporting Year



California  
Urban Water  
Conservation  
Council

**Introduction and Instructions:**

This spreadsheet assists with calculating the proportionality ratio used in the second section of the BMP 1.4 Retail Conservation pricing matrix. Please see the example worksheet tab and read the BMP Option 3 Notes tab for more information.

The purpose of the single-family residential proportionality test is to compare the total bill (both fixed and variable charges) for a customer with the total bill for another customer using twice as much water to determine the strength of the pricing signal embedded in the rate and charges structure.

Please see embedded comments that summarize key guidelines from the notes to Option 3 (mouse over the red triangles to access to comments). Enter all water use data in Hundred Cubic Feet (HCF) - see calculator tab if needed. Enter data in blue cells, green cells are for spreadsheet calculations.

**Mean or Median Water Use**

How Frequently are SF Customers Billed?	Bi-monthly
Select either Median or Mean water use:	Mean Water Use
Mean Single Family Water Delivered (HCF)	978,999.29
*Number of Metered Single Family Accounts	4,423.00
Was annual or peak water delivery data used?	Annual
Was prior year, average of prior 5 years, or test year data used?	Prior Year
*Number of Months used in Annual or Peak Water Delivered	12
Mean Water Use per Account per Billing Period (HCF):	36.89
.75 x Water Use (HCF)	27.67
1.5 x Water Use(HCF)	55.34
Use Optional Customer Use of 15 and 30 HCF?	

**Volumetric Pricing Structure**

	Top of Tier (HCF)	Rate (\$)	Units used at .75	Units used at 1.5	Volumetric Charge at .75	Volumetric Charge at 1.5
Charges that Apply to all Units Sold						
Minimum Base Use Charge	6.0		6.0	6.0	\$ -	\$ -
Tier 1 or Uniform	26.0	\$ 0.56	20.0	20.0	\$ 11.20	\$ 11.20
Tier 2	156.0	\$ 0.70	1.7	29.3	\$ 1.17	\$ 20.53
Tier 3	156	\$ 0.88	0.0	0.0	\$ -	\$ -
Tier 4			0.0	0.0	\$ -	\$ -
Tier 5			0.0	0.0	\$ -	\$ -
			Total: 27.7	55.3	\$ 12.37	\$ 31.73

**Fixed Pricing Structure (Per Billing Period)**

Meter Charge	\$ 42.54
Other Fixed Charges (1)	\$ 19.00
Other Fixed Charges (2)	
Total Fixed Charge per Billing Period	\$ 61.54

Optional description of fixed charges:

fixed charge for 5/8" meter
Capital Improvement Surcharge

**Proportionality Calculation**

Customer bill at 1.5 Water Use	\$ 93.27
Customer bill at .75 Water Use	\$ 73.91
<b>Proportionality Ratio</b>	<b>1.26</b>

**Additional Notes:**

Fields with an asterisk (\*) are only needed when using mean water use. Water suppliers with relatively high commodity charges (top 10% in state) already meet the proportionality test - See notes for more details.



## CUWCC BMP Coverage Report 2013

Foundational Best Management Practices for Urban Water Efficiency

### Foundational BMPs

#### BMP 2.1 Public Outreach

278 Rio Linda / Elverta Community Water District Retail Only

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies

Public Outreach Program List	Number
Newsletter articles on conservation	6
Landscape water conservation media campaigns	5
General water conservation information	11
Email Messages	3
Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets	6
<b>Total</b>	<b>31</b>
On Track	

Number Media Contacts	Number
Television contacts	5
Radio contacts	6
News releases	12
Articles or stories resulting from outreach	9
Newspaper contacts	2
<b>Total</b>	<b>34</b>
On Track	

An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly)

Annual Budget Category	Annual Budget Amount
Total 2013 Public Outreach Budget	188500
<b>Total Amount:</b>	<b>188500</b>
On Track	

Description of all other Public Outreach programs

<p>Calendar of Events                  Sprinkler Tune Up - New page                  Sprinkler Check Up - New page                  Sprinkler Repairs - New page                  Sprinkler Tool Box - New page                  Sprinkler Symptom Solver - New page                  Take the Blue Thumb Pledge - Updated                  Resources Page - Added Video Libr</p>
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**CUWCC BMP Coverage Report 2013**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 2.1 Public Outreach

On Track

Public Outreach Additional Programs
Landscape water conservation media campaigns. The Regional Water Efficiency Program created two new television and radio advertisements/PSAs focused on sprinkler messaging. They were used in both paid advertising buy and distributed as public service announcements.
Regional Water Authority maintains the BeWaterSmart.info website. It provides regional information on water conservation, rebates, events, and links to agency information.
BeWaterSmart.info provides links to WaterSense, Irrigation Association, CUWCC, EcoLandscape, Green Gardener Training Program, and DWR.
Regional Water Authority maintains a dedicated phone line, which provides information on rebates and allows customers to leave messages for their water provider. The "Be Water Smart" Hotline is 1-888-WTR-TIPS (888-987-8477).
The Regional Water Authority has a "Blue Thumb Events Team" that participates in six events region wide. The booth features a prize wheel and people who take the Blue Thumb pledge. The events were the Sacramento Home & Landscape Expo; Creek Week; Sacramento Earth Day; El Dorado Master Gardeners Plant Sale; Auburn Spring Home and Garden Show; and Walk on the Wild Side

At Least As Effective As      No



**BMP 2.1 Public Outreach  
2013**

Agency name:  Reporting unit #   
 Reporting unit name (District name)  /   
 Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies  Please provide the name of Agency if not CUWCC Group1 members

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Did at least one contact take place during each quarter of the reporting year?

**Public Information Programs List**

Number of Public Contacts	Public Information Programs Name
6	Newsletter articles on conservation
5	Landscape water conservation media campaigns
11	General water conservation information
3	Email Messages
6	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets

**Contact with the Media**

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies  Please provide the name of Agency if not CUWCC Group1 members

OR Retail Agency (Contacts with the Media)

Did at least one contact take place during each quarter of the reporting year?

**Media Contacts List**

Number of Media Contacts	Public Outreach Media Contact Name List
5	Television contacts
6	Radio contacts
12	News releases
9	Articles or stories resulting from outreach
2	Newspaper contacts



**BMP 2.1 Public Outreach  
2013**

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies  Please provide the name of Agency if not CUWCC Group1 members

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):	http://www.rwah20.org
Describe a minimum of four water conservationrelated updates to your agency's website thattook place during the year:	Calendar of Events Sprinkler Tune Up - New page Sprinkler Check Up - New page Sprinkler Repairs - New page Sprinkler Tool Box - New page Sprinkler Symptom Solver - New page Take the Blue Thumb Pledge - Updated Resources Page - Added Video Libr

Did at least one Website Update take place duringeach quarter of the reporting year?

**Public Outreach Annual Budget**

Enter budget for public outreach programs. You may enter total budget in a single line or brake the budget into discretecategories by entering many rows. Please indicate if personnel costs are included in the entry.

Annual Budget Category	Annual Budget Amount	Personal Cost Included?	Comments
Total 2013 Public Outreach Budget	188500		

**Public Outreach Expenses**

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question relatedto your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Public Outreach Expense Category	Expense Amount	Personal Cost Included?
Total 2013 Public Outreach Budget	188500	

**Additional Public Information Program**

Please report additional public information contacts. List these additional contacts in order of howyour agency views their importance / effectiveness with respect to conserving water, with the mostimportant/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts?

**Public Outreach Additional Information**

Public Information Additional Programs	Importance
Landscape water conservation media campaigns. The Regional Water Efficiency Program created two new television and radio advertisements/PSAs focused on sprinkler messaging. They were used in both paid advertising buy and distributed as public service announcements.	1
Regional Water Authority maintains the BeWaterSmart.info website. It provides regional information on water conservation, rebates, events, and links to agency information.	1



**BMP 2.1 Public Outreach**

**2013**

BeWaterSmart.info provides links to WaterSense, Irrigation Association, CUWCC, EcoLandscape, Green Gardener Training Program, and DWR.	1	
Regional Water Authority maintains a dedicated phone line, which provides information on rebates and allows customers to leave messages for their water provider. The "Be Water Smart" Hotline is 1-888-WTR-TIPS (888-987-8477).	1	
The Regional Water Authority has a "Blue Thumb Events Team" that participates in six events region wide. The booth features a prize wheel and people who take the Blue Thumb pledge. The events were the Sacramento Home & Landscape Expo; Creek Week; Sacramento Earth Day; El Dorado Master Gardeners Plant Sale; Auburn Spring Home and Garden Show; and Walk on the Wild Side	1	

**Social Marketing Programs**

**Branding**

Does your agency have a water conservation "brand," "theme" or mascot?

Describe the brand, theme or mascot. The Regional Water Efficiency Program uses one overall brand image ("Be Water Smart") and a separate image for the current outdoor water efficiency campaign ("Blue Thumb").

**Market Research**

Have you sponsored or participated in market research to refine your message?

Market Research Topic The Regional Water Efficiency Program surveyed teachers and education experts to refine our message

Brand Message "Be Water Smart:" use water wisely/"Blue Thumb:" use water efficiently outdoors

Brand Mission Statement The "Be Water Smart" and "Blue Thumb" brands both encourage residents to use water efficiently at ho

**Community Committees**

Do you have a community conservation committee?

Enter the names of the community committees: Conservation, Landscape, Education

**Training**

Training Type	Number of Trainings	Number of Attendees	Description of Other
1		2	55 Green Gardener Training Program for Landscape Professionals
1		1	58 Landscape Water-Use ROI
1		1	123 Get Smart About your Controller

**Social Marketing Expenditures**

**Public Outreach Social Marketing Expenses**



**BMP 2.1 Public Outreach  
2013**

Expense Category	Expense Amount	Description
0	0.0	

**Partnering Programs - Partners**

Name	Type of Program
<input type="checkbox"/> CLCA?	
<input type="checkbox"/> Green Building Programs?	
<input checked="" type="checkbox"/> Master Gardeners?	Provide water efficiency presentations to local master gardeners & promote education
<input checked="" type="checkbox"/> Cooperative Extension?	provides annual sponsorship to Sac UC Cooperation Extension host irrigation talks
<input type="checkbox"/> Local Colleges?	
<input checked="" type="checkbox"/> Other	partnered with Sac Kings promote sprinkler tune up message
<input type="checkbox"/> Retail and wholesale outlet; name(s) and type(s) of programs:	

**Partnering Programs - Newsletters**

Number of newsletters per year

Number of customers per year

**Partnering with Other Utilities**

Describe other utilities your agency partners with, including electrical utilities

**Conservation Gardens**

Describe water conservation gardens at your agency or other high traffic areas or new homes

**Landscape contests or awards**

Describe water wise landscape contest or awards program conducted by your agency

Additional Programs supported by Agency but not mentioned above:

**Comments**



**CUWCC BMP Coverage Report 2014**

278 Rio Linda / Elverta Community Water District

**GPCD in 2006: 276.09**

GPCD in 2014

**GPCD Target for 2018: 276.40**

**Biennial GPCD Compliance Table**

**ON TRACK**

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	281.70	100%	292.20
2012	2	92.8%	271.10	96.4%	281.70
2014	3	89.2%	260.60	92.8%	271.10
2016	4	85.6%	250.10	89.2%	260.60
2018	5	82.0%	276.40	82.0%	239.60





**CUWCC BMP Coverage Report 2014**

**Foundational Best Management Practices For Urban Water Efficiency**

**Foundational BMPs**

**BMP 1.2 Water Loss Control**

278 Rio Linda / Elverta Community Water District

Completed Standard Water Audit Using AWWA Software? **Yes** **On Track**  
 AWWA File provided to CUWCC? **No**

**Rio Linda / Elverta Community Water District BMP1.2 FY14**

AWWA Water Audit Validity Score?

Complete Training in AWWA Audit Method

Complete Training in Component Analysis Process?

CompComponent Analysis?

Repaired all leaks and breaks to the extent cost effective?

Locate and Repair unreported leaks to the extent cost effective?

Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair.

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
77	0	117259	0		0	0

**On Track**

**At Least As Effective As**

In lieu of an active leak detection program, the City has opted to replace 1% of distribution system lines each year. Lines are replaced based on age and other asset management factors. Attached documentation shows the reduction in main breaks due to 278 Rio Linda / Elverta Community Water District BMP 1.2 Results from Main Replacement Program.

We encourage them every year to join.



CUWCC BMP Retail Coverage Report 2014

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.1 Operation Practices

278 Rio Linda / Elverta Community Water District

1. Conservation Coordinator provided with necessary resources to implement BMPs?

Name:	Melinda Tupper
Title:	Conservation Coordinator
Email:	mtupper@rlcwd.com

On Track

2. Water Waste Prevention Documents

WW Document Name	WWP File Name	WW Prevention URL	WW Prevention Ordinance Terms Description
Option A Describe the ordinances or terms of service adopted by your agency to meet the water waste prevention requirements of this BMP.	BMP 1.1 Ordinances 2008 [1].pdf		
Option B Describe any water waste prevention ordinances or requirements adopted by your local jurisdiction or regulatory agencies within your service area.	Copy_of_BMP_1.1_Ordinances_2008[1].pdf		
Option C Describe any documentation of support for legislation or regulations that prohibit water waste.	Copy1_of_BMP_1.1_Ordinances_2008[1].pdf		
Option D Describe your agency efforts to cooperate with other entities in the adoption or enforcement of local requirements consistent with this BMP.	Copy2_of_BMP_1.1_Ordinances_2008[1].pdf		
Option E Describe your agency support positions with respect to adoption of legislation or regulations that are consistent with this BMP.	BMP 1.1 Ordinances 2008 [1].pdf		
Option F Describe your agency efforts to support local ordinances that establish permits requirements for water efficient design in new development.	Copy3_of_BMP_1.1_Ordinances_2008[1].pdf		

On Track



**BMP 1.2 Water Loss Control**  
2014

Agency name:

Reporting unit number:

Reporting unit name (District name)

**AWWA Water Audit**

Agency to complete a Water Audit & Balance Using The AWWA Software

Water Audit Validity Score from AWWA spreadsheet:

Email to office@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

Agency Completed Training In The AWWA Water Audit Method

Agency Completed Training In The Component Analysis Process

Completed/Updated the Component Analysis (at least every 4 years)?

Component Analysis Completed/Updated Date

**Water Loss Performance**

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective

**Recording Keeping Requirements:**

Date/Time Leak Reported	Leak Location
Type of Leaking Pipe Segment or Fitting	Leak Running Time From Report to Repair
Leak Volume Estimate	Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective

Type of Program Activities Used to Detect Unreported Leaks

Does your agency maintain in-house records of audit results or the completed AWWA worksheet for the completed audit which could be forwarded to CUWCC?

Does your agency keeps records of each component analysis performed, and incorporates results into future annual standard water balances?

**Annual Summary Information**

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leak Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken For Loss Reduction	Cost Of Interventions	Water Saved (AF/Year)
<input type="text" value="77"/>	<input type="text" value="0"/>	<input type="text" value="117259"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Comments:



**CUWCC BMP Coverage Report 2014**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.3 Metering With Commodity

278	Rio Linda / Elverta Community Water District
-----	--

Numbered Unmetered Accounts	No	On Track
Metered Accounts billed by volume of use	Yes	On Track
Number of CII Accounts with Mixed Use Meters	165	
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No	Not On Track
Feasibility Study provided to CUWCC?	No	Not On Track
Completed a written plan, policy or program to test, repair and replace meters	Yes	On Track
At Least As Effective As	No	



**CUWCC BMP Coverage Report 2014**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.4 Retail Conservation Pricing

278 Rio Linda / Elverta Community Water District

Implementation (Water Rate Structure)

Customer Class	Water Rate Type	Conserving Rate?
Single-Family	Increasing Block	Yes
Commercial	Increasing Block	Yes
Industrial	Increasing Block	Yes
Other	Increasing Block	Yes
Multi-Family	Increasing Block	Yes
Dedicated Irrigation	Increasing Block	Yes
Institutional	Increasing Block	Yes

On Track

Customer Class	Water Rate Type	(V) Total Revenue Commodity Charges	(M) Total Revenue Fixed Charges
Single-Family	Increasing Block	473079.16	1508832.74
Commercial	Increasing Block	20663.97	67157.98
Industrial	Increasing Block	2769.54	7528
Other	Increasing Block	0	228.37
Multi-Family	Increasing Block	6711.87	14602.8
Dedicated Irrigation	Increasing Block	5277.08	10270.31
Institutional	Increasing Block	58460.87	55886.57
		<b>566962.49</b>	<b>1664506.77</b>

Calculate:  $V / (V + M)$  25 %

Implementation Option: Use Annual Revenue As Reported

Agency Provide Sewer Service: No

At Least As Effective As No

**BMP 1.4 Retail Conservation Pricing DRAFT Proportionality Calculator Agenda Item 4.3**

Agency Name   
 Reporting Year



**California  
Urban Water  
Conservation  
Council**

**Introduction and Instructions:**

This spreadsheet assists with calculating the proportionality ratio used in the second section of the BMP 1.4 Retail Conservation pricing matrix. Please see the example worksheet tab and read the BMP Option 3 Notes tab for more information.

The purpose of the single-family residential proportionality test is to compare the total bill (both fixed and variable charges) for a customer with the total bill for another customer using twice as much water to determine the strength of the pricing signal embedded in the rate and charges structure.

Please see embedded comments that summarize key guidelines from the notes to Option 3 (mouse over the red triangles to access to comments). Enter all water use data in Hundred Cubic Feet (HCF) - see calculator tab if needed. Enter data in blue cells, green cells are for spreadsheet calculations.

**Mean or Median Water Use**

How Frequently are SF Customers Billed?	Bi-monthly
Select either Median or Mean water use:	Mean Water Use
Mean Single Family Water Delivered (HCF)	874,705.19
*Number of Metered Single Family Accounts	4,423.00
Was annual or peak water delivery data used?	Annual
Was prior year, average of prior 5 years, or test year data used?	Prior Year
*Number of Months used in Annual or Peak Water Delivered	12
Mean Water Use per Account per Billing Period (HCF):	32.96
.75 x Water Use (HCF)	24.72
1.5 x Water Use(HCF)	49.44
Use Optional Customer Use of 15 and 30 HCF?	

**Volumetric Pricing Structure**

	Top of Tier (HCF)	Rate (\$)	Units used at .75	Units used at 1.5	Volumetric Charge at .75	Volumetric Charge at 1.5
Charges that Apply to all Units Sold						
Minimum Base Use Charge	6.0		6.0	6.0	\$ -	\$ -
Tier 1 or Uniform	26.0	\$ 0.60	18.7	20.0	\$ 11.23	\$ 12.00
Tier 2	156.0	\$ 0.75	0.0	23.4	\$ -	\$ 17.58
Tier 3	156	\$ 0.94	0.0	0.0	\$ -	\$ -
Tier 4			0.0	0.0	\$ -	\$ -
Tier 5			0.0	0.0	\$ -	\$ -
Total:			24.7	49.4	\$ 11.23	\$ 29.58

**Fixed Pricing Structure (Per Billing Period)**

Meter Charge	\$ 51.47
Other Fixed Charges (1)	\$ 19.00
Other Fixed Charges (2)	
Total Fixed Charge per Billing Period	\$ 70.47

Optional description of fixed charges:

fixed charge for 5/8" meter
Capital Improvement Surcharge

**Proportionality Calculation**

Customer bill at 1.5 Water Use	\$ 100.05
Customer bill at .75 Water Use	\$ 81.70
<b>Proportionality Ratio</b>	<b>1.22</b>

**Additional Notes:**

Fields with an asterisk (\*) are only needed when using mean water use. Water suppliers with relatively high commodity charges (top 10% in state) already meet the proportionality test - See notes for more details.



**CUWCC BMP Coverage Report 2014**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 2.1 Public Outreach

278 Rio Linda / Elverta Community Water District Retail Only

Does a wholesale Agency implement Public Outreach Programs?  Yes

List of wholesale Agencies

Public Outreach Program List	Number
General water conservation information	14
Landscape water conservation media campaigns	13
Email Messages	3
<b>Total</b>	<b>30</b>
<b>On Track</b>	

Number Media Contacts	Number
Articles or stories resulting from outreach	114
News releases	13
Newspaper contacts	41
Radio contacts	24
Television contacts	40
Written editorials	1
<b>Total</b>	<b>233</b>
<b>On Track</b>	

An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly)  Yes

Annual Budget Category	Annual Budget Amount
Regional Outreach campaign	93000
River Cats Partnership	20000
<b>Total Amount:</b>	<b>113000</b>
<b>On Track</b>	

Description of all other Public Outreach programs

Calendar of Events  
 Front Page  
 Creation of the Regional Drought Map  
 Creation of the Regional Drought Page  
 The website was refreshed and moved to a new server

On Track



**CUWCC BMP Coverage Report 2014**

Foundational Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 2.1 Public Outreach

Public Outreach Additional Programs
Landscape water conservation media campaigns. The Regional Water Efficiency Program partnered with the Water Forum to create 6 videos providing tips and FAQs . They were used in both paid advertising buy and distributed as public service announcements.
Regional Water Authority maintains the BeWaterSmart.info website. It provides regional information on water conservation, rebates, events, and links to agency information.
BeWaterSmart.info provides links to Save Our Water, WaterSense, Irrigation Association, CUWCC, EcoLandscape, Green Gardener Training Program, and DWR.
Regional Water Authority maintains a dedicated phone line, which provides information on rebates and allows customers to leave messages for their water provider. The "Be Water Smart" Hotline is 1-888-WTR-TIPS (888-987-8477).
The Regional Water Authority has a "Blue Thumb Events Team" that participates in events region wide. The booth features a prize wheel and people who take the pledge are eligible for prizes. The events were the Northern California Home & Landscape Expo; Walk on the Wild Side; Water Spots Awards at the River Cats Game; Harvest Day; and three Science in the River City (SIRC) events.

At Least As Effective As      No





**BMP 2.1 Public Outreach**

2014

Agency name:  Reporting unit #

Reporting unit name (District name)  /

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies  Please provide the name of Agency if not CUWCC Group1 members

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Did at least one contact take place during each quarter of the reporting year?

**Public Information Programs List**

Number of Public Contacts	Public Information Programs Name	
14	General water conservation information	
13	Landscape water conservation media campaigns	
3	Email Messages	

**Contact with the Media**

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies  Please provide the name of Agency if not CUWCC Group1 members

OR Retail Agency (Contacts with the Media)

Did at least one contact take place during each quarter of the reporting year?

**Media Contacts List**

Number of Media Contacts	Public Outreach Media Contact Name List	
114	Articles or stories resulting from outreach	
13	News releases	
41	Newspaper contacts	
24	Radio contacts	
40	Television contacts	
1	Written editorials	



**BMP 2.1 Public Outreach  
2014**

Does a wholesale Agency implement Public Outreach Programs?

List of wholesale Agencies Please provide the name of Agency if not CUWCC Group1 members

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):	http://www.rwah2o.org/rwa/
Describe a minimum of four water conservationrelated updates to your agency's website thattook place during the year:	Calendar of Events Front Page Creation of the Regional Drought Map Creation of the Regional Drought Page The website was refreshed and moved to a new server

Did at least one Website Update take place duringeach quarter of the reporting year?

**Public Outreach Annual Budget**

Enter budget for public outreach programs. You may enter total budget in a single line or brake the budget into discretecategories by entering many rows. Please indicate if personnel costs are included in the entry.

Annual Budget Category	Annual Budget Amount	Personal Cost Included?	Comments
Regional Outreach campaign	93000		includes consultant
River Cats Partnership	20000		

**Public Outreach Expenses**

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question relatedto your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Public Outreach Expense Category	Expense Amount	Personal Cost Included?
Regional Outreach campaign	93000	
River Cats Partnership	20000	

**Additional Public Information Program**

Please report additional public information contacts. List these additional contacts in order of howyour agency views their importance / effectiveness with respect to conserving water, with the mostimportant/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts?

**Public Outreach Additional Information**

Public Information Additional Programs	Importance
Landscape water conservation media campaigns. The Regional Water Efficiency Program partnered with the Water Forum to create 6 videos providing tips and FAQs . They were used in both paid advertising buy and distributed as public service announcements.	



**BMP 2.1 Public Outreach**

2014

Regional Water Authority maintains the BeWaterSmart.info website. It provides regional information on water conservation, rebates, events, and links to agency information.		
BeWaterSmart.info provides links to Save Our Water, WaterSense, Irrigation Association, CUWCC, EcoLandscape, Green Gardener Training Program, and DWR.		
Regional Water Authority maintains a dedicated phone line, which provides information on rebates and allows customers to leave messages for their water provider. The "Be Water Smart" Hotline is 1-888-WTR-TIPS (888-987-8477).		
The Regional Water Authority has a "Blue Thumb Events Team" that participates in events region wide. The booth features a prize wheel and people who take the pledge are eligible for prizes. The events were the Northern California Home & Landscape Expo; Walk on the Wild Side; Water Spots Awards at the River Cats Game; Harvest Day; and three Science in the River City (SIRC) events.		

**Social Marketing Programs**

**Branding**

Does your agency have a water conservation "brand," "theme" or mascot?

Describe the brand, theme or mascot. The Regional Water Efficiency Program uses one overall brand image ("Be Water Smart") and a separate image for the current outdoor water efficiency campaign ("Blue Thumb").

**Market Research**

Have you sponsored or participated in market research to refine your message?

Market Research Topic The Program surveyed teachers & education experts to refine our messaging towards school aged kids.

Brand Message "Be Water Smart:" use water wisely/"Blue Thumb:" use water efficiently outdoors

Brand Mission Statement The "Be Water Smart" and "Blue Thumb" brands both encourage residents to use water efficiently at ho

**Community Committees**

Do you have a community conservation committee?

Enter the names of the community committees: Conservation (public outreach), Landscape, Education

**Training**

Training Type	Number of Trainings	Number of Attendees	Description of Other
1	2	45	Green Gardener Training Program for Landscape Professionals
4	3	33	Project WET
1	1		Landscape Professionals Work Group



**BMP 2.1 Public Outreach  
2014**

Social Marketing Expenditures

Public Outreach Social Marketing Expenses

**Partnering Programs - Partners**

Name	Type of Program
<input type="checkbox"/> CLCA?	
<input type="checkbox"/> Green Building Programs?	
<input checked="" type="checkbox"/> Master Gardeners?	Presentation to Master Gardeners promote water efficiency
<input checked="" type="checkbox"/> Cooperative Extension?	sponsorship to Sacramento UC Cooperative Extension
<input type="checkbox"/> Local Colleges?	
<input checked="" type="checkbox"/> Other	Partnered with Sacramento River Cats.
<input type="checkbox"/> Retail and wholesale outlet; name(s) and type(s) of programs:	

**Partnering Programs - Newsletters**

Number of newsletters per year

Number of customers per year

**Partnering with Other Utilities**

Describe other utilities your agency partners with, including electrical utilities

**Conservation Gardens**

Describe water conservation gardens at your agency or other high traffic areas or new homes

**Landscape contests or awards**

Describe water wise landscape contest or awards program conducted by your agency

Additional Programs supported by Agency but not mentioned above:

**Comments**

**Appendix E**  
**Conservation Program Public Outreach Summary**



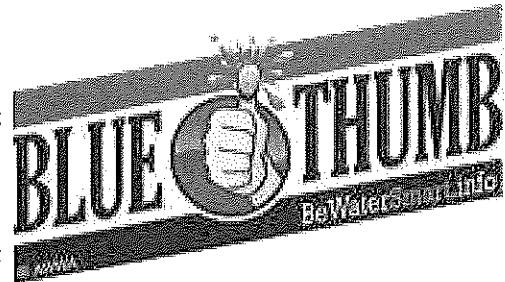
*community involvement*  
*public outreach*  
*strategic communication*

## **Public Outreach Highlights 2010-14**

*Prepared for the Regional Water Authority*  
*March 6, 2015*

**BLUE THUMB (2010-12)**

In 2010, RWA launched a new multi-year social marketing program aimed at helping residential water customers 1) understand the need to use water efficiently in the landscape and 2) undertake key water-efficient behaviors most likely to reduce outdoor water use.



*The Blue Thumb Campaign was honored with a 2011 Gold Award for Continuing Public Relations Programs by the Sacramento Public Relations Association, Crystal Award from the International Association of Business Communicators (Sacramento chapter) and an Award of Distinction from the California Association of Public Information Officials*

While most people have heard of a "Green Thumb," which describes someone with a skill for gardening, the campaign showcased people who earned their "Blue Thumb" by making a personal commitment to using water wisely outdoors.

The campaign focused on outdoor water efficiency because most household water use--and water waste--occurs in the landscape. The campaign demonstrated how community influencers, landscape experts and neighbors earned their Blue Thumb and encouraged others to do the same. It also celebrated and shared the stories of those who are passionate about outdoor water efficiency. The strategy was to create a movement of people taking the Blue Thumb pledge and hoisting their Blue Thumb high.

Activities included:

- Statistically valid pre- and post-campaign telephone surveys to provide insight into target audience attitudes and behaviors related to water efficiency, as well as measure campaign results.
- Television ad/PSA starring Sacramento Mayor Kevin Johnson, well-known Meteorologist Elissa Lynn and Dinger of the Sacramento River Cats to grab the public's attention; local residents to demonstrate how "every-day" neighbors use water wisely; and landscape experts to convey that water efficiency and beautiful landscaping go hand-in-hand.
- Collateral materials such as iconic Blue Thumb garden gloves (for adults and kids) that were both a cool prize for taking the pledge and a reminder to use water wisely every time Blue Thumbers got into the garden. A Blue Thumb pledge banner was especially great for kids who could earn their Blue Thumb by signing their name next to a water-wise action.
- A new Blue Thumb blog, written by sustainable landscaping experts, added credibility to messaging. Bloggers were especially attractive to media because they were viewed as consumer educators and not just water efficiency advocates.
- Partnerships with 16 Home Depot and seven Lowe's stores allowed RWA to reach customers as they thought about landscaping and promote RWA's "Top 10 Products for Saving Water at Home."



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*The Blue Thumb Blog was honored with a 2011 Silver Award for Individual Public Relations Tools by the Sacramento Public Relations Association and Crystal Award from the International Association of Business Communicators (Sacramento chapter)*

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*The Blue Thumb TV and radio public service announcements earned 6.6 million impressions worth more than \$163,646 in added value (had RWA purchased the time as advertising)*

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- RWA's partnership with the Sacramento River Cats included a Blue Thumb Ambassador Appreciation Day (with on-the-field Garden Hose Limbo Contest); advertisements in 110 bathroom stalls; scoreboard video showing Dinger giving Blue Thumb tips; and blast e-mails to 1,700 River Cats fans.
- Blue Thumb Web site that used positive, approachable language and great visuals to demonstrate the amount of water that can be saved by using water efficiently outdoors.

Results included:

- The campaign's signature Blue Thumbs Up was a universally accepted, interactive and positive symbol that people of all ages--from mayors to large, furry River Cats--embraced with gusto, silly faces and even double thumbs up.
- An increase in residents who adopted four out of five key water-efficient behaviors promoted by the campaign, according to telephone survey results.
- More than 824 Blue Thumb pledges for an estimated water savings of nearly 18 million gallons of water.
- A more than 1,200 percent increase in visits and 598 percent increase in unique visitors to the Blue Thumb Web site.
- More than 90 earned print, broadcast, online and social media hits.
- Interviews on all regional radio public affairs programs (one host took the Blue Thumb pledge on the air!)
- More than 13.9 million impressions among adults from television advertising.
- More than 13 million impressions among adults from paid radio advertising and public radio sponsorships.
- More than 2 million impressions among adults from the Blue Thumb television PSA for an estimated value of \$41,750.
- More than 4.6 million impressions among adults from the radio PSA for a conservative estimated value of \$121,896.
- Water providers embraced the Blue Thumb campaign with many managers and directors taking the Blue Thumb pledge.





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*The Blue Thumb Web site was recognized for excellence in Graphic Design USA Magazine's American Graphic Design Awards 2010, which honors outstanding new graphic design work*

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### BLUE THUMB NEIGHBORS (2010-12)

Blue Thumb Neighbors used social marketing techniques to encourage learning and behavior change. These included: working with local community influencers to serve as program advocates; asking participants to pledge to participate; and making that pledge public.



The program also offered engaging education and incentives such as at-home consultations on efficient watering sponsored by the local water provider; comprehensive Resource Kits; three fun, classroom-style workshops on sustainable landscape design, efficient watering and low-water use plants; and a hands-on "Blue Thumb Garden Party" during which participants transformed two areas of a neighbor's front yard with beautiful, low-water use plants and retrofitted turf irrigation with efficient rotators.

Over three years, the program consistently was shown to motivate participants to adopt water-efficient behaviors in their landscape, as measured by pre- and post-program surveys and interviews. Moreover, the behaviors participants adopted were among the most challenging to implement. Beyond simple actions like using a "shut-off nozzle on your hose," Blue Thumb Neighbors participants said they "grouped plants according to their water needs," "checked their irrigation system every month for leaks," "chose plants to match their yard's soil conditions" and more. In addition to every-day behavior change, the program motivated at least five full-scale makeovers from thirsty yards to beautiful, low-water use landscapes.

### DO THE SPRINKLER! (2013)

The year 2013 marked the fourth year of the award-winning Blue Thumb program, which showed residents how to use water efficiently outdoors through every-day tasks. Asked to spotlight the need to tune up, check and repair sprinklers, the IN Communications team created the "Do the Sprinkler" campaign and adopted the Sprinkler Dance as a fun, interactive way to get the public involved.

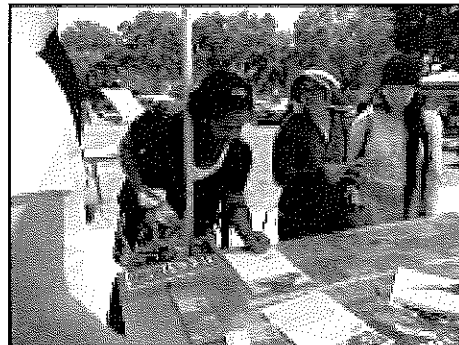


The Sprinkler Dance originated in the 1970s and perfectly related to our target audience: homeowners over 50 years old. The dance was our celebratory movement, akin to scoring a touchdown in a big game, performed after pledging to tune up, check and fix their sprinkler system, and was featured throughout program materials. Program highlights included:

- Mash-up videos posted to BeWaterSmart.info featured adults and kids showing off their Sprinkler Dance after taking the pledge at community and sporting events and drove Sprinkler Dancers to visit the Web site.

*The sprinkler TV and radio public service announcements received over 1,710 airplays for nearly 5.4 million impressions worth more than \$186,400 in added value (had RWA purchased the time as advertising)*

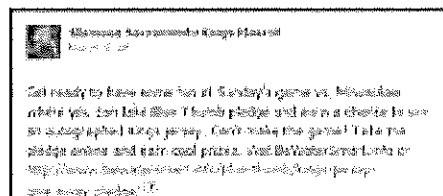
- "How to" videos, online "sprinkler symptom solver" and sprinkler check lists used positive, approachable language, great visuals and step-by-step instructions for checking and repairing sprinklers.



- Sacramento Kings and River Cats sponsorships engaged, educated and entertained target audiences through mascots Slamson and Dinger doing the Sprinkler Dance during games and on Facebook, fan contests such as a "Sprinkler Dance Off" and advertisements in 110 restroom stalls at the River Cats ballpark (reaching a captive audience).

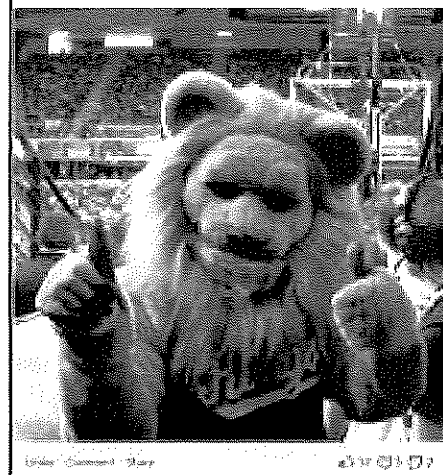
- "Water Spots" Video Contest challenged high school students to create 30-second PSAs on checking sprinklers, attracted over 100 entries. The top 10 videos premiered on a Jumbotron before a River Cats game, and the winning video was made part of our television ad buy.

- The television ad/PSA featured local residents doing a choreographed Sprinkler Dance to music composed specifically for our program and provided an upbeat, eye-catching and fun call to check sprinklers.



Results included:

- 2,371 sprinkler pledges and four pledge banners filled with signatures, representing one-on-one connections with target audiences (22 percent increase over the previous year).
- 26 sprinklers stories/messages carried by water providers in outreach materials such as newsletters, bill inserts, "on hold" phone messages, Web sites, customer service counters and more.



- 63,667 unique visitors to the Be Water Smart Web site (11 percent increase over the previous year).
- Dozens of print, broadcast and online media hits, including interviews on nearly all regional radio and television public affairs programs broadcast on 16 stations (one host did the Sprinkler Dance on live TV!), interview on the top-rated television station and front-page story in Sacramento Bee Home & Garden that proclaimed, "Efficient Sprinklers Save Money and Other Resources."

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The "How Low" TV and radio public service announcements received over 2,540 airplays for more than 10 million impressions worth more than \$203,400 in added value (had RWA purchased the time as advertising)

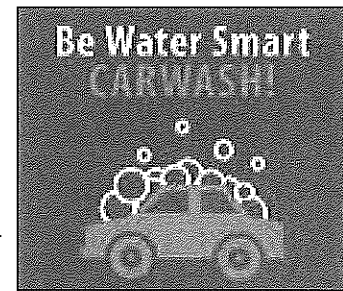
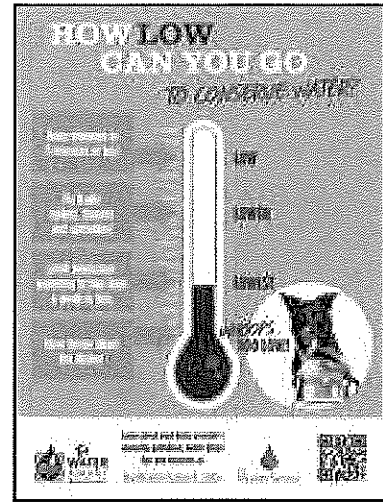
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### HOW LOW CAN YOU GO? (2014)

Facing a third consecutive drought year, the IN Communications team worked with RWA staff and Public Outreach subcommittee to develop the "How Low Can You Go?" campaign and materials to educate the public about the drought and ways to conserve, as well as to help water providers communicate a consistent regional message.

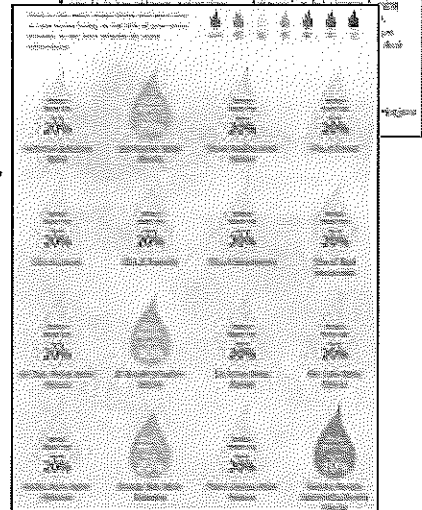
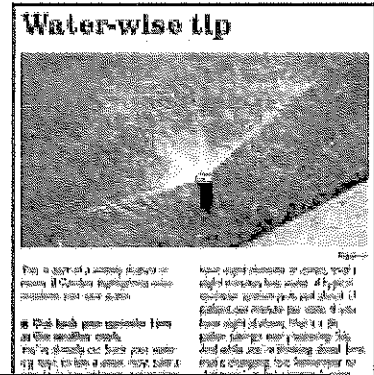
Activities included:

- Unique creative theme, key messages and calls to action focused on drought messaging.
- Media outreach that capitalized on the media's interest in the drought and water supply.
- Tool kit for water providers with key messages template text for newsletters and social media, window clings and table tents for restaurants, bill insert template and poster/print advertisement series.
- New Web pages and interactive map that demonstrated the current drought stage for each agency, requested cutbacks and actions residents could take to use less water.
- New Be Water Smart Carwash program to identify and promote car washes that utilize recycled water.
- Partnership with the Girl Scouts Heart of Central California to distribute nearly 70,000 water conservation tip cards with cookie orders to customers in Sacramento, Placer, El Dorado and Yolo counties.
- Videos showcasing indoor and outdoor water conservation tips featuring Dinger and "Mike on the Mic" played at Sacramento River Cats games, "How Low Can You Go" clings posted on 110 Raley Field restroom stalls and advertisements in River Cats programs.
- Television and radio advertising.
- Advertising on Facebook and the Google Display Network.
- E-blasts to the Be Water Smart e-mail list.
- Landscape Survival Tip Sheet and pledge for adults and pledge banner for kids.
- "Water Spots" Video Contest, which challenged high school students to create 30-second PSAs on preventing runoff, attracted 86 entries. The top 10 videos premiered on a Jumbotron before a River Cats game.



Results included:

- More than 100 broadcast and print stories, including 41 Water Wise Tips (provided by RWA) published weekly in the Sacramento Bee "Home & Garden" section. All tips drove readers to learn more at BeWaterSmart.info.
- Many media hits proclaimed key messages promoted by the program, such as "Sacramento Region Reduces Water Use by 19 Percent" on Capital Public Radio, "Sacramento Region Continues Impressive Water-Use Reductions in August" in the Mountain-Democrat and "Capital Beats L.A. in Saving Water" in the Sacramento Bee.
- Interviews on radio public affairs programs, which aired throughout the length of the campaign, generated more than 68,000 impressions.
- Advertising on KXTV-TV (News 10) generated over 12.7 million impressions among the primary target audience (women over age 50).
- Sponsorships on Capital Public Radio included 144 messages of which 60 messages were value added (provided free of charge). The campaign generated 136,200 impressions among women 50+ with a frequency of 3.0. Capital Public Radio's online support generated an additional 109,342 impressions and 99 clicks.
- Ads on "Get Growing" with Farmer Fred (KFBK 1530 AM/93.1 FM) generated 40,800 impressions among women 50+ with a frequency of 6.8.
- Public Service Announcement airplays (combined radio and television) was 2,540 airings for more than 10 million impressions, worth a conservatively estimated total value of \$203,400 had the spots been purchased as advertising.



**THE SACRAMENTO BEE**  
Saturday, January 11, 2015

## Capital beats L.A. in saving water

SACRAMENTO'S USE IS NOW THE 11TH HIGHEST IN THE NATION PER DAY

By Mary Ann...  
Sacramento's water use is now the 11th highest in the nation per day, according to a report released by the U.S. Environmental Protection Agency (EPA) on Tuesday. The report shows that Sacramento's water use is down from 11th highest in 2010 to 11th highest in 2014. This is a significant improvement, especially considering that Sacramento's water use was the 10th highest in 2010. The report also shows that Sacramento's water use is down from 11th highest in 2010 to 11th highest in 2014. This is a significant improvement, especially considering that Sacramento's water use was the 10th highest in 2010.





**Additional Awards**

*Earned With*

*Christine Kohn as RWA*

*Outreach Consultant*

*Regional Water Efficiency*

*Program—Public*

*Outreach Program*

*Honored with a Crystal*

*Award for Best Overall*

*Communications*

*Program of 2006 by the*

*International Association*

*of Business*

*Communicators*

*(Sacramento chapter)*

*Sacramento*

*Groundwater Authority—*

*Conjunctive Use Brochure*

*Honored for excellence in*

*2002 by the International*

*Association of Business*

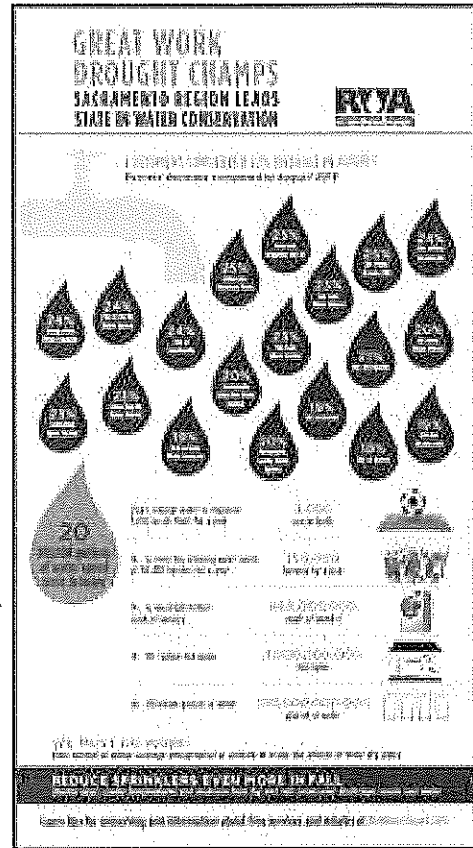
*Communicators*

*(Sacramento chapter)*

**DROUGHT CHAMPS (2014)**

The IN Communications team developed a special, short-term outreach program in the fall designed to promote the Sacramento region's water conservation success among local and state electeds, regulators and other water industry influencers, as well as congratulate customers for their great work. Called "Drought Champs," program activities and results included:

- Media outreach that secured attention for the region's progress. Headlines proclaimed "Regional Water Authority Thanking Sacramentans for Saving Water" on CBS, "Are You a Drought Champ?" on KFBK and "RWA Launches New 'Drought Champs' Campaign to Thank Residents for Conservation Efforts" in ACWA News.
- Full-page advertisement in the Sacramento Bee delivered to 142,000 households (355,000 readers).
- Digital billboard at Business 80 and Cal Expo that generated more than 773,000 impressions.
- Sponsorships on Capital Public Radio during weekday evening drive time that generated 158,000 impressions among adults 25+.
- Advertisements on KFBK during weekday morning drive time that generated 232,000 impressions among adults 35+.
- Display at ACWA's "ConservaCon" that highlighted the region's achievements.
- Infographic used by RWA to brief local and state electeds and influencers.





**Regional Water Efficiency Program  
2015 Be Water Smart End-Year Recap Report  
January 4, 2016**

**OVERVIEW**

As outreach planning began in the fall of 2013, California faced a fourth year of drought. The state's dry streak now included three successive dry years, with 2013 on record as the driest year in over a century. Wrote Daniel Swain of Stanford University and the California Weather Blog: "It's quite likely that California's drought will persist through next year even if we have a relatively wet winter. While a wet (or even near-average) winter would help alleviate some of the most acute short-term effects of the drought, many parts of California have missed out on nearly a full year's worth of precipitation, and it will take a long time to gain back that deficit even in a best-case scenario."

The Regional Water Authority and local water providers hoped for the best but prepared for the worst. Twenty percent voluntary water conservation reductions requested by Gov. Jerry Brown in 2014 were likely to continue into 2015. If the winter continued to be dry, more stringent measures were likely to be put into place.

**OPPORTUNITY**

- Capitalize on heightened awareness about the drought and need to conserve water.
- Continue teaching residents about the best ways to save water--both the extraordinary short-term actions during the drought and long-term, more sustainable actions that will last beyond the drought.

**TARGET AUDIENCES**

Primary:

- Residential water customers within the RWEF participant area
- Adults over age 50 (especially college-educated women, middle-income homeowners and do-it-yourselfers) are most willing to adopt water-efficient behaviors and landscaping techniques

Secondary:

- Children in pre-school through high school
- Influencers such as local and state electeds and water industry leaders

**CALLS TO ACTION:**

Indoor

- Limit showers to five minutes or less
- Check plumbing and appliances for leaks and fix them within 48 hours
- Install high-efficiency appliances such as toilets, showerheads, faucets, dishwashers and clothes washers

Outside

- Limit landscape watering
- Use native and drought-tolerant plants in your yard and garden

- *Alternate message: Add two to three inches of organic mulch around trees and plants to reduce evaporation*
- Adjust sprinklers to prevent overspray and runoff

#### **TIMING/APPROACH**

- December 2014-February 2015: Raise awareness about the need to continue conserving water during winter
- March-October 2015: Increase knowledge among target audiences that: 1) In the Sacramento region, more than 65 percent of household water use goes toward landscape watering; 2) People can make the biggest impact in their overall water use by reducing landscape watering

#### **STRATEGY**

- Work with water providers to convey a consistent regional message on water efficiency.
- Connect water efficiency with the weather, as news about the dry weather and drought is a natural tie and provides a "why" for water conservation.
- Continue to position the Regional Water Authority as local expert on water efficiency and BeWaterSmart.info as the primary resource for water efficiency information in the Sacramento region.
- Recognize audiences for their outstanding water conservation efforts in 2014 and encourage them to continue conserving water.
- Remind audiences that even above-average or normal snow and rainfall will not be enough to end the drought.
- Provide a series of actionable tips, whenever possible.
- Utilize third-party facts (i.e. from the State Water Board or weather experts) in messages about drought impacts and the need to conserve water.
- Reach target audiences one-on-one when possible at sporting and community events.

#### **OUTREACH ACTIVITIES**

##### **WINTER OUTREACH CAMPAIGN: DROUGHT FACE**

The Regional Water Authority invited residents to show off their Drought Face by showing off their whiskers in winter 2014-15.

Beards save water—about 5 gallons per shave—and the beard is experiencing a renaissance as men—from film and sports stars to real estate agents—sport unshaven looks.

A Drought Face symbolizes all of the small actions residents are taking to conserve water that added up to big savings, like skipping a shave or two and taking shorter showers.

Residents entered the Drought Face sweepstakes simply by putting down the razor and growing or creating a beard, then posting a photo of their stubble to the sweepstakes entry page. Residents could also enter by sharing stories and photos about the small actions they were taking to save water—like turning off the sprinklers for the winter or the faucet when brushing teeth. The sweepstakes prize: A chance to be featured on a digital billboard at Cal Expo and Business 80.

Drought Face and water-saving messages were promoted via Facebook and Google advertising, as well as media outreach.

Results were impressive and included significant media coverage, a robust online conversation about saving water, 5,864 online actions<sup>1</sup>, nearly 1,300 visits<sup>2</sup>, nearly 90 new “likes” for the Be Water Smart Facebook page and more than 30 sweepstakes entries.

When the statewide Association of California Water Agencies (ACWA) posted information about Drought Face on Twitter, it received the most re-tweets in ACWA’s history. Online advertising for Drought Face earned 1.4 million impressions<sup>3</sup>, more than 10,000 clicks<sup>4</sup> and nearly 600 post likes on Facebook, and more than 430,000 impressions and 882 clicks on Google. Billboard advertising featuring three winners garnered over 2.9 million impressions.

**REGIONAL PUBLIC OPINION SURVEY**

The Regional Water Authority sponsored a statistically valid telephone survey of 400 residents in Sacramento, Placer, El Dorado counties plus the City of West Sacramento. Conducted February 9-17, 2015, the survey:

- Tested knowledge and attitudes regarding existing water supply conditions.
- Informed the water efficiency program about water conserving actions residents are already taking, areas where they can do more and actions they are unwilling to take.
- Provided insight about how and where water conservation messages are being heard.
- Provided a benchmark for evaluating the communications program.

Respondents included residents with both land lines and cell phones. Results were used to develop the strategy, key messages and calls to action for the 2015 outreach program. Note that this project was funded by the following water providers:

- California American Water
- City of Roseville
- City of Sacramento
- Placer County Water Agency
- Sacramento Suburban Water District
- City of Folsom

**OUTREACH ACTIVITIES**

**2015 CREATIVE THEME DEVELOPMENT AND TESTING**

The regional public opinion survey uncovered gaps in knowledge about where and how much water is used at home. When asked whether more water is used indoors or outside, more than 70 percent of respondents answered incorrectly, saying that more water is used indoors. Only 21 percent answered correctly, saying that more water is used outside.

To help overcome these knowledge gaps, the Regional Water Authority launched a new public outreach program. Called “Water Myths Busted!” the program focuses on overcoming myths about water use at home and teaching residents specific actions to reduce water use.

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<sup>1</sup> The number of actions taken on the ad, after the ad was served to someone, even if they didn't click on it. Actions include page likes, shares, responses and more. For example, two page likes and two comments would be counted as four actions.

<sup>2</sup> Visits represent the number of people who visited the sweepstakes page.

<sup>3</sup> Impressions represent the number of times an advertisement is served, seen or heard.

<sup>4</sup> Clicks represent the number of people who clicked to learn more.





**PRO BONO**

- Additional time over budget donated to further defining and developing potential creative options for 2015, testing creative options at the Home & Landscape Expo and analyzing feedback/developing a research summary report.

**PAID ADVERTISING AND PUBLIC SERVICE ANNOUNCEMENTS** *(funded by a 2014 California Department of Water Resources Drought Assistance grant and additional funds provided by RWA members)*

**Television: KXTV (ABC10)**

The Regional Water Authority created a unique partnership with KXTV/ABC10 Chief Meteorologist Monica Woods to deliver weekly Be Water Smart tips connected to evening weather forecasts. Weather is a natural tie to conservation, and Woods added third-party credibility to the tips she delivered.

Each Wednesday evening from March through early November, Woods delivered a live water conservation tip (provided by RWA) as part of the evening newscast. KXTV then edited and professionally produced the tips into 15- and 30-second commercials that ran Thursday through Saturday during some of KXTV's most popular programming. Ads aired during the morning and evening news, as well as during shows such as The View, Ellen Degeneres, Good Morning America, Jeopardy and Wheel of Fortune.

The 15- and 30-second commercials generated over 3,538,000 impressions among women 50+ (a primary target audience for conservation), and the live tips delivered during the newscast produced 343,000 impressions. The combined effort generated 3,881,000 impressions, 15,000 more impressions than were projected in KXTV's proposal.

For adults 25+, the campaign delivered 6,823,000 impressions (6,183,000 from the ads, 640,000 impressions from the live tips), an additional 471,000 impressions.

The partnership included extensive value-added components, including:

- 245 additional ads (15- and 30-seconds) with an estimated value of \$29,000
- Weekly Be Water Smart postings of tips on Facebook and Twitter by Monica Woods
- A live appearance on Sacramento & Company, KXTV's week day show at 11:30 a.m. (which aired twice, providing a double bonus)

A complete list of tips promoted on KXTV with links to clips is included as an attachment.

**Commercial Radio: Total Traffic and Weather**

RWA ran a combination of live and recorded 15-second traffic and weather advertising on the following top ranked radio stations:

- KFBK-AM (News/Talk)
- KFBK-FM (News/Talk)
- KHTK-AM (Sports)
- KNCI-FM (Country)
- KSTE-AM (Talk)
- KQJK-FM (Adult Hits)
- KYMX-FM (Adult Contemporary)



The buy was spread over 21 weeks March through August with ads concentrated during two days per week. Messages included:

- Did you know... most of the water we use daily goes on lawns and landscaping? There are lots of ways to save water at home but reducing water use outdoors can make the biggest difference of all. Learn more tips for using less water at Be Water Smart (dot) info.
- What's a good way to know if your landscape needs water? Do the screwdriver test: Stick an eight-inch screwdriver into the ground. If you can push it more than three inches below the surface, you don't need to water. Learn more water saving tips at Be Water Smart (dot) info.
- Feel good about your clean car by washing it at a Be Water Smart-certified carwash. They use less water and even recycle it. Find a money-saving coupon and carwash nearby at Be Water Smart (dot) info.
- Add two to three inches of organic mulch like leaves and woodchips around trees and plants. Mulch slows evaporation, allowing water to sink into the soil, moderates soil temperature and breaks down into nutrients for plants. Learn more wise-watering tips at Be Water Smart (dot) info.

For adults 50+, the radio effort delivered 4,187,400 gross impressions, reached 310,128 people (over 40 percent of the available audience) with a frequency of 13.5. For women 50+, the campaign generated 1,785,000 impressions, reached 149,003 people (over 36 percent) with a frequency of 12.0.

Among adults 25+, the radio spots delivered 6,417,600 impressions, reached 617,587 people (40.8 percent of the available audience) with a frequency of 10.4.

The buy included 233 value-added spots worth a conservatively estimated value of \$15,610 that aired as follows:

- March plus 46
- April plus 20
- May plus 49
- June plus 40
- July plus 26
- August plus 42

#### **Capital Public Radio**

The Regional Water Efficiency Program ran messages on Capital Public Radio stations KXJZ-FM (News) and KXPR-FM (Classical/Jazz) from the middle of March through mid-November. The Cap Radio campaign also included a robust online component including web banners, and audio gateways (News & Music).

Messages included:

- We get support from the Regional Water Authority--reminding listeners that most of the water we use daily goes on lawns and landscaping. Conserve water by limiting outdoor watering. More tips and information at be-water-smart-dot-info.
- We get support from the Regional Water Authority--reminding listeners that limiting landscape watering is making a big difference during the drought. Keep conserving and learn more water saving tips at be-water-smart-dot-info.

- We get support from the Regional Water Authority – reminding listeners that most household water use goes toward landscape watering. Of that, 30 percent is lost due to over-watering and evaporation. Learn more at Be-Water-Smart-dot-info.
- We get support from the Regional Water Authority...reminding listeners to conserve water by limiting outdoor watering. More water saving tips at be-water-smart-dot-info.
- We get support from the Regional Water Authority--reminding listeners to reduce landscape watering this fall and to keep sprinklers off during and 48 hours after rain. More tips and information at be-water-smart-dot-info.
- We get support from the Regional Water Authority--reminding listeners that fall's shorter and cooler days mean that lawns and plants don't need as much water and to reduce landscape watering. More tips and information at be-water-smart-dot-info.

On KXJZ-FM, 506 paid messages aired and on KXPR-FM, 500 value-added messages ran. The campaign reached nearly 25 percent of adults 50+ and nearly 22 percent of women 50+. The on-air effort generated 2,300,400 impressions among adults 50+ and 1,167,000 impressions among women 50+.

The online banners and streaming aspect yielded similarly impressive numbers. The online banners delivered 1,021,526 impressions and 386,687 audio impressions.

The total impressions from the Cap Radio on-air and online campaign is 3,708,613.

#### **KFBK's "Get Growing" with Farmer Fred**

The outreach program also supported KFBK's "Get Growing" program with Farmer Fred, which reaches a devoted audience interested in water-efficient landscaping. Messages included:

- Thanks to your efforts, the Sacramento region reduced its water use by 20 percent overall last year. And a big reason? It's your willingness to limit water use outdoors, where most water use and waste occurs. We need to keep up our efforts as the severe drought continues. Remember: Limit your landscape watering and follow your water provider's guidelines. More water saving tips and videos? They're available at Be Water Smart (dot) Info. That's Be Water Smart (dot) Info.
- Thanks to your efforts, the Sacramento region reduced its water use by 20 percent overall last year. We need to keep up our efforts. This severe drought isn't going away anytime soon. Remember to limit landscape watering and be sure to add plenty of mulch to your beds and around trees. Why? It will keep the soil cool and help it retain moisture. More water saving tips and videos are available at Be Water Smart (dot) Info. That's Be Water Smart (dot) Info.

Thirty-second ads for the Regional Water Efficiency Program ran on the Farmer Fred show on KFBK-AM (News) and KSTE-AM (Talk) from mid-March through the beginning of July for a period of 17 weeks. A total of 34 spots ran generating 121,00 impressions, reaching 12,603 people with a frequency of 10.2.

#### **Save Our Water Partnership/Commercial Radio**

RWA partnered with Save Our Water by contributing \$11,500 to their commercial radio buy promoting "Fix it for Good." Fifteen-second radio ads ran in October and November on the following stations:

- KFBK News Radio, 93.1 FM and 1530 AM
- KBEB Country, 92.5 FM
- KQJK Adult Hits, 93.7 FM
- KSEG Classic Rock, 96.9 FM

Ads promoted the following message:

- Californians, now is the time to make permanent fixes to save water. For more information on rebates for water-saving toilets and turf replacement visit [BeWaterSmart.info](http://BeWaterSmart.info). Brought to you by Save Our Water and the Regional Water Authority. Go to [BeWaterSmart.info](http://BeWaterSmart.info) and fix it for good.

A total of 240 ads ran generating 904,5000 impressions, reaching 49 percent of the available audience with a frequency of 3.1.

### Online Advertising

#### 2015 Stats at a Glance

##### Facebook:

- Reach<sup>5</sup>: 2,270,707
- Clicks<sup>6</sup>: 55,145
- Impressions<sup>7</sup>: 10,615,112
- Video views<sup>8</sup>: 544,366

*The number of likes for the Be Water Smart Facebook page nearly tripled during the year-- from 480 on January 3 to 1,428 by December 29, 2015.*

##### YouTube:

- Views: over 65,000
- Impressions: 766,000

##### Google:

- Clicks: nearly 7,200
- Impressions: just under 6 million

##### Top Sites (sites on the Google Display Network that attracted the most clicks):

- Accuweather
- Weather.com
- KCRA
- SacBee
- Fox News
- NY Times
- Washington Post
- CBSLocal
- USA Today
- News10

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<sup>5</sup> Reach is the number of people the ad was served to.

<sup>6</sup> Clicks represent the number of people who clicked to learn more.

<sup>7</sup> Impressions represent the number of times an advertisement is served to a viewer.

<sup>8</sup> Views represent the number of people who watched the spot.

- NBC News

### **Online Advertising**

RWA ran online advertising on Facebook and the Google Display Network. The program also continued to utilize 30-second "ask the expert" Frequently Asked Question videos produced by the Water Forum.

Ads that ran on Facebook and Google included:

#### Spring/Summer: Videos

- "Help Trees Survive the Drought" (Water Forum-funded video)
- "Easy Ways to Reduce Water Use in the Garden" (Water Forum-funded video)

#### Spring/Summer: Water Myths Busted (two different designs/same message)

- Most water use and water waste occurs outdoors. There are lots of ways to save water, but limiting outdoor watering can make the biggest difference of all. Click to learn how to conserve water.
- The typical Sacramento-area household uses 380 gallons of water per day, and most of that outdoors. Click to learn the best ways to reduce your household water use.
- Washing your car at home even with a hose shut-off nozzle can waste up to 50 gallons of water every 10 minutes. Visit a Be Water Smart certified carwash Find a list of carwashes and download a coupon.
- 30 percent of outdoor watering is lost to evaporation or run off. Watering early or late at night conserves water by allowing it to soak into the soil before evaporation and wind can whisk it away.

#### Fall/Winter:

- Water Myth or Fact? Your lawn, plants and trees require less water in the fall. Fall's shorter days and cooler weather mean your landscape doesn't need as much water. Cutting back your sprinklers' run time by two minutes can save hundreds of gallons a week. This was in addition to continuing advertisements for the Be Water Smart Carwash program, watering trees (Water Forum video), running sprinklers in early morning to reduce evaporation and how much water households use.
- Dial Back Your Watering: With fall's shorter days, your yard doesn't need as much water. Try turning off your sprinklers or limiting them to one day. You won't believe how much water you can save.
- Turn Off Your Sprinklers This Fall: And you'll score up some water savings. Fall's shorter days mean your yard doesn't need as much water. Try turning off your sprinklers or limiting them to one day. You won't believe how much water you can save.
- Off Til Spring: Give your sprinklers a winter break and leave them off until spring.

### **Facebook Sweepstakes**

In addition, RWA hosted three online contests to promote water conservation among customers within the Water Efficiency Program area. The contests offered participants a variety of water efficient appliances/devices and "fun" items they could enter to win.

### **Drought Champs (June-July)**



The sweepstakes encouraged people to share what they're doing to be a Drought Champ--how they're conserving water during the drought. People entered by liking the BWS Facebook page and submitting a description and/or photo demonstrating what they're doing to conserve water. Each entry earned two River Cats ticket vouchers (while supplies lasted). The sweepstakes grand prize winner received a Landscape Drought Survival Kit that included low-water use plants, mulch, sprinkler tune-up tool, shut off nozzle in a wheelbarrow.

The Drought Champs sweepstakes generated 45 entries, 70 likes, nine shares, 1,200 visits to the contest page, 4,531 clicks and 5,038,594 impressions. The winner, selected by the Public Outreach Subcommittee, was Henry Clayton of Woodland.

#### **Water Myths Busted (August-September)**

The sweepstakes helped dispel common misunderstandings and provided useful tips, as well as built likes for the Be Water Smart Facebook page. Participants were invited to test their water wisdom and rated them as "Washed Out," "Water Whiz" or "Drought Champ" based upon the results. People entered by liking the BWS Facebook page and completing the entry form. Entrants earned bonus entries by inviting their friends to also enter. The winner of the sweepstakes received a Landscape Drought Survival Kit that included low-water use plants, mulch, sprinkler tune-up tool and shut off nozzle.

The WMB Sweepstakes closed with a record 435 entries, 35 likes, 47 shares, 4,100 visits. Woobox randomly selected a winner: Nancy Peterson of Roseville.

#### **Naughty or Nice (December)**

Building on the success of the Water Myths Busted sweepstakes, RWA hosted a similar quiz for the holiday season. The Naughty or Nice Water Conservation Quiz asked participants some real and not-so-real water conservation questions (i.e. "Do you collect shower water in a bucket?" or "Do you tell your friends that the sound of your toilet running helps you sleep at night?") Upon completing the quiz, participants were served some water-saving tips for winter and entered to win an Amazon gift card.

The Naughty or Nice Sweepstakes closed with 277 entries, eight likes, seven shares and 6,600 visits (more visits than any other sweepstakes).

Other online advertising tasks completed by the IN Communications team included:

- Reviewing and responding to comments posted to Facebook advertising and sweepstakes, if needed.
- Working with the Program Manager to develop a social media policy for evaluating and hiding Facebook comments (if needed).

#### **Public Service Announcements**

This year's public service outreach helped to expand the campaign's overall effectiveness. RWA wrote and pitched radio PSAs, as well as pitched the following existing videos as PSAs during the year:

- July-August 2015: "Help Trees Survive the Drought" (Water Forum-funded video) and "Saving Together with SF Giants Sergio Romo" (Save Our Water)
- September-November 2015: "Reduce Water Use in the Fall" (Water Forum-funded video)
- November 2015-February 2016: "Household Hero" (Water Spots winning video) and "Helping Hands" (Save Our Water, 15-second version)

The video public service announcements (PSAs) were aired an estimated 755 times from July through November 2015, delivering nearly 3 million impressions for a conservatively estimated media value of \$69,000. The radio PSAs were estimated to have aired 1,235 times, generating 4,139,500 impressions for a value of \$86,450.

#### **WATER PROVIDER TOOLS AND TRAINING**

The IN Communications team created template tools to assist water providers with communicating a consistent regional message, as well as prepared and delivered a briefing/Webinar for water provider communication staff to brief them about the 2015 program, messages, strategies and activities.

Tools and tasks included:

- 2015 key messages and calls to action
- Master calendar for water providers to promote the same calls to action/message themes (January-July 2015).
- Monthly template Web site/newsletter articles for January-July 2015
- Updating regional key messages on conservation and calls to action several times
- Updating GPCD key messages
- Planning and facilitating a briefing for water provider PIOs to discuss 2015 plans, tools available, collateral available for purchase and ideas for incorporating campaign messaging and materials into their own outreach
- Updating the Be Water Smart Tool Kit and moved to Drop Box for easy access by RWA and RWEF participants.

#### *PRO BONO*

- Drafted weekly tips for January-July 2015 that follow editorial calendar and compliment monthly newsletter stories.
- Individual meeting with Sacramento County Water Agency staff to brief them on the 2015 Be Water Smart program.
- Reviewed City of Folsom outreach plan and provided feedback/suggestions, including how RWA can provide resources and materials to help.

#### **MEDIA OUTREACH**

Continued capitalizing on the media's interest in the drought and water supply through both proactive and reactive outreach.

Sample press releases and media statements included:

- Sacramento Region Water Picture Better Than a Year Ago: But Overcoming Drought Will Remain a Challenge (January snow survey media statement)
- Sacramento Region Reduces Water Use by Nearly 20 Percent in 2014
- Sacramento Region Continues to Use Less Water Despite Drier, Warmer Weather (January water use reductions)
- Sacramento Region Continues Water Reductions Amid Expected Meager Snowpack Results (February water reductions)
- Sacramento Region Reduces Water Use 23 Percent in April
- Regional Water Reductions Hit 40 Percent in May
- Regional Water Reductions Reach 35 Percent in June: Continued Conservation in July, August is "Critical"
- Regional Water Reductions Solid at 37 Percent in July



- Sacramento Region Continues Impressive Water Use Reductions in August
- Regional Water Reductions Reach 27 Percent in September: It's Time to Reduce Sprinklers Significantly, Water Providers Say
- Regional Water Reductions Steady at 27 Percent in October: It's Time to Turn Sprinklers Off for Winter
- Sacramento Region Reduces Water Use by 33 Percent in November
- Show Us Your Drought Face! Your whiskers might be featured on a digital billboard
- Drought Face Winners Announced: Winners' whiskers represent 18,400 gallons in water savings
- New Program Promotes Carwashes That Use Water Efficiently
- Are You a #DroughtChamp? Earn River Cats Tickets by Sharing Your Water Conservation Story
- Student Water Conservation Videos to Premiere at Sunday's River Cats Game (media advisory)
- Student Videos Showcase Creativity, Humor: Water Spots Videos Need Your Vote!
- 2015 Water Spots Winners Announced

Other media outreach activities included

- Working with RWA to respond to media inquiries, including facilitating and/or participating in interviews with media.
- Pitching RWA spokespeople to regional media in conjunction with newsworthy events such as snow surveys and State Water Board meeting.
- Drafting and securing approval of two Letter to the Editors regarding water conservation progress.

Ultimately, nearly 200 stories that mention local water providers and/or RWA appeared in 2015 (see attachment for story list). Of those, 112 mentioned RWA. These stories and mentions include 31 Water Wise Tips published in Saturday's "Home & Garden" section. These tips all mention BeWaterSmart.info as the place to go for additional water efficiency tips.

#### **Public Affairs Interviews**

Throughout the 2015 campaign, the IN Communications team also reached out to public affairs directors about featuring the RWA spokespeople on their shows. Public affairs interviews featuring RWA spokespeople ran on KBEB-FM, KCTC-AM, KDND-FM, KEAR-FM, KFBK-AM, KFBK-FM, KFIA-AM, KHYL-FM, KKDO-FM, KKFS-FM, KQJK-FM, KRXQ-FM, KSAC-FM, KSEG-FM, KSTE-AM, KTKZ-AM, KUDL-FM and Sacramento & Company. Interviews took place May through December and generated an estimated 180,000 impressions.

#### **PRO BONO**

- Tracked Water Wise Tips that mention BeWaterSmart.info that appear weekly in the Sacramento Bee "Home & Garden" section.
- Tracked stories that mention RWA and local water providers.

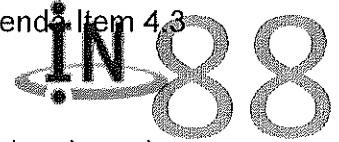
#### **BE WATER SMART CARWASH PROGRAM**

In 2015, our team finished recruiting carwashes and launched the Be Water Smart carwash program. Currently, 16 carwashes are now certified as Water Smart.

Activities to promote the program included:

- Press release announcing the program's launch in May.





- Featured story on the program by KCRA Channel 3 with participant Harv's Carwash and story by News 10 with participant Quick Quack Carwash.
- 15-second radio, traffic and weather advertising on top ranked radio stations, including KFBK-FM (News/Talk), KHTK-AM (Sports), KNCI-FM (Country) and others.
- More than \$4,500 spent to promote the program via advertising on Facebook from May through November, resulting in 9,885 clicks and 535,283 impressions.
- E-blast promotion in July to 2,900 subscribers on Be Water Smart's list.
- Promotion on KXTV News 10 by Chief Meteorologist Monica Woods.
- Promotion by local water providers in their own outreach materials.

Task included:

- Creating and hand delivering welcome packets with custom cover letters, Be Water Smart Carwash window clings and logo on disk.
- Facilitating carwash certifications. Task included: personal outreach in person, by phone and e-mail; coordinating with water providers to conduct inspections; working with water providers/inspectors to resolve issues at car washes.
- Checking certified carwashes for current license by the Contractors State License Board.
- Collecting logos, created coupons and secured approval of coupons from certified carwashes.
- Creating a new BWS Carwash Web page.
- Drafting and distributing information about the program's about launch and process for collecting coupons.
- Distributing updates to participants about RWA's outreach and advertising to promote the program.
- Responding to correspondence from carwash owners and managers.
- Providing carwash key messages to the Sacramento Stormwater Quality Partnership to help co-promote our programs.

**E-BLASTS TO THE BE WATER SMART LIST**

Developed and distributed two e-blasts to the Be Water Smart list. This task also included modifying the existing e-blast header from Blue Thumb to Be Water Smart.

Spring/March E-blast—distributed to 2,779 subscribers, 795 opens, 126 clicks

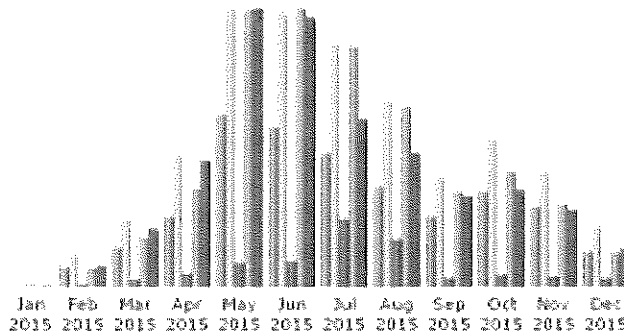
- It's time to keep conserving: Water smart tips for a fourth drought year
- Water Myths Busted: Where is more water used at home?
- It's Fix a Leak Week: Find and fix leaks fast
- Water Spots videos need your vote
- Get creative in the Be Water Smart Decorating Contest

Summer/July E-blast--2,848 subscribers, 747 opens, 190 clicks

- Landscape survival tips with limited water
- "Soak and cycle" to stop runoff
- Coupons available for Be Water Smart-certified carwashes
- Water School is now in session

**WEB SITE STATISTICS**

- Unique Visitors<sup>9</sup> totaled 80,924.
- Visits<sup>10</sup> totaled 137,187.
- Most popular pages were: Be Water Smart Carwash , Find Your Water Provider, Rebates/Services, Top Ways to Save, Water Myths Busted, Drought and Help Your Trees Survive the Drought.
- Top downloads were: Caring for Trees in a Drought fact sheet, RWA Incentives Overview, Quick Quack Carwash Coupon and A Homeowners Guide to a Water Smart Landscape.



Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jan 2015	0	0	0	0	0
Feb 2015	1,599	2,612	7,957	51,432	4.08 GB
Mar 2015	3,291	5,841	20,311	134,877	11.34 GB
Apr 2015	5,868	10,962	38,612	276,620	24.82 GB
May 2015	14,397	23,162	83,945	777,662	54.90 GB
Jun 2015	13,286	22,857	72,131	778,943	53.23 GB
Jul 2015	11,070	20,314	168,944	674,145	32.97 GB
Aug 2015	8,277	15,483	132,062	505,351	26.27 GB
Sep 2015	5,836	9,129	25,422	266,854	17.86 GB
Oct 2015	7,899	12,302	32,243	321,180	19.07 GB
Nov 2015	6,563	9,582	29,655	230,360	15.21 GB
Dec 2015	2,848	5,143	23,543	93,535	7.33 GB
Total	80,924	137,187	634,845	4,110,876	267.08 GB

<sup>9</sup> A unique visitor represents any number of visits from the same computer. If a person returns to the site again, a visit is counted, but a unique visit is not.

<sup>10</sup> Visits represent the total number of times people have visited the Web site. A visit is counted whenever a Web site user requests one or more files from the Web server. If the user becomes idle for more than a certain amount of time (usually 20 minutes), a new visit is generated when they come back.

### WATER SPOTS COORDINATION, PROMOTION AND EVENT

Water Spots is designed to encourage middle and high school students to think about water efficiency. Young film makers in grades 6-12 were asked to create a 30-second public service announcement videos that focused on the 2015 theme: *BEAT THE LEAK: Find and fix leaks fast.*

This year's Water Spots video contest attracted 76 submissions, including 26 submitted by middle school students (representing four different) schools). Entries also included submissions from 11 high schools.

Teacher	School	Videos Submitted
Aaron Zaragoza	Merryhill Midtown (middle school)	1
Cathy Long	Harvest Ridge Placer Academy (middle school)	1
Diane Dunnigan	Marina Village Middle School	4
Jon Oates	Weimar Hills Charter School	21
Benjamin Barnholdt	Whitney High School	8
Brad Clark	Franklin High School	3
Colleen Kelly	Mira Loma High School	1
Dana Jenks	George W. Carver School of Arts & Science (high school)	1
Doug Floyd	Liberty Ranch High School	2
Inez Lauerman	Ponderora High School	8
John Hull	Luther Burbank High School	4
Mark Hajewski	Woodcreek High School	8
Nick Zerwas	Del Oro High School	2
Ryan Miller	Sheldon High School	10
Vernon Bisho	Center High School	2
<b>15</b>		<b>76</b>

After the school education committee reviewed entries to make sure they adhered to the rules and identified the top 25 entries, a team of celebrity judges further narrowed the field to 10 entries. Two of the finalist entries were from a middle school.

Judges included Kathleen Dodge from the Tahoe Film Commission; Monica Woods from News10; Rita Schmidt Sudman from the Water Education Foundation; and Brett Salmi from the Roseville Utility Exploration Center. Then the public was asked to vote for their favorite online by visiting [sacbee.com/mie](http://sacbee.com/mie), viewing the videos/learning about using water wisely outdoors and voting for their favorite. More than 760 votes were cast during the "People's Choice" voting.

On Sunday, April 12, finalist videos premiered on the Raley Field Jumbotron before a Sacramento River Cats game with the announcement about both the "Judge's Choice" and "People's Choice" winners. Winners watched their videos and were honored on the field during the game. Other event highlights included contestants being featured in a "fan cam" live shot at the RWA table, Be Water Smart T-shirts tossed and the Cat Crew leading three fans in a "Sprinkler Dance Off" contest on the field between innings.

The event also attracted media coverage from Fox 40 News and Good Day Sacramento. Fox 40 sent a camera crew to interview Water Efficiency Program Manager Amy Talbot and student finalists. Good Day Sacramento invited School Education Subcommittee member Eric Olds and the student team from Whitney High School that won the Judge's Choice first place award to appear during the April 25 show.

#### **Outreach, Coordination and Promotion**

The IN Communications team worked with the Sacramento Bee and School Outreach Subcommittee to coordinate and promote the Water Spots Video Contest. Task included:

- Brainstorming and drafting themes for the 2015 Water Spots video contest; working with the Public Outreach and School Education committees to refine and finalize.
- Updating all Water Spots materials, including detailing the 2015 theme and messages, as well as providing updates for the detailed rules, cover letter/e-mail for teachers, Sacramento Bee Web site and all other materials.
- Updating the Water Spots promotional flyer.
- Working with Sacramento Bee MIE program representatives and WEP Program Manager to determine a work plan/timeline for outreach and update materials.
- Working with the RWA webmaster to update the BWS home page with Water Spots information.
- Intensive outreach for Water Spots, including updating the 2014-15 teacher outreach list to include middle schools; direct mailing the promotional flyer to middle schools; placing personal phone calls to each teacher and sending follow up e-mails to encourage participation. Outreach included three primary pushes--in September/October, early December and late January.
- Inviting celebrity judges to participate and coordinating their involvement.
- Preparing and distributing two press releases to promote the "People's Choice" vote and unveiling event.

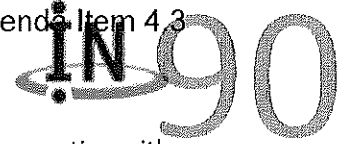
#### **Unveiling Event**

The Water Spots unveiling event took place on Sunday, April 12, 2015 at a Sacramento River Cats game. Game/River Cats sponsorship elements included:

- One hundred tickets to the unveiling event for RWA to give away to video contest entrants as a thank you for their work producing an educational PSA about outdoor water efficiency.
- Recognizing entrants on the field while premiering videos.
- Contest entrants featured in a "fan cam" live shot at the RWA table.
- A table for RWA to interact with fans outside the main stadium entrance before the game and on the concourse during the game.
- The Cat Crew leading fans in a contest on the field between innings.
- The Sacramento River Cats distributed 20 t-shirts using its hot dog launcher on the field between innings.

Unveiling event tasks included:

- Preparing for the Water Spots unveiling event: Drafting a detailed list of action items and needed items; updating invitation letters for students, teachers, judges and water providers; sending invitations to judges and water providers, School Education Subcommittee, Public Outreach Subcommittee and RWA staff.
- Preparing and maintaining the event invitation list/seating chart.
- Correspondence with parents and students re. tickets and event, as well as mailing tickets.



- Working with the Sacramento Bee to transfer finalist videos to the River Cats plus meeting with the River Cats to preview videos on the Jumbotron and discuss event logistics.
- Coordinating event logistics such as creating name tags and signage; printing handouts; sorting/preparing T-shirts for toss and giving away to finalists and teachers.
- Working the Water Spots unveiling event, including setting up the outreach tables and collecting pledges.
- After-action items such as drafting and distributing a press release about Water Spots winners and uploading winning videos to the Be Water Smart YouTube page.

#### **PRO BONO**

- Compiled feedback provided by teachers on the 2015 Water Spots contest and shared with the program manager and School Education Subcommittee.

#### **ADDITIONAL RIVER CATS PARTNERSHIP ITEMS**

In addition to the Water Spots event, the following elements were included as part of RWA's partnership with the Sacramento River Cats:

- Creating a new restroom clings/infographics promoting outdoor conservation actions posted on 110 Raley Field restroom stalls throughout the season (and beyond).
- Creating a matching full-page advertisement for the River Cats "Inside Pitch" program distributed at games.
- Running 30-second videos featuring Dinger and Chris delivering indoor and outdoor water conservation tips at games.
- Securing 300 River Cats ticket vouchers for use as an incentive prize for signing the pledge banner at events and participating in RWA's Drought Champs Facebook sweepstakes.
- Be Water Smart tips provided on the River Cats Facebook page

In 2015, the River Cats became an affiliate of the San Francisco Giants. The excitement among fans led to a 10.7 percent increase in attendance, ending with a final tally of 672,354. To put that into perspective: River Cats games outdrew 30 National Football League, eight National Hockey League and five National Basketball Association teams this year. They once again finished first in attendance among nearly 160 Minor League Baseball teams. Twenty-five games drew more than 10,000 fans. Raley Field also hosted an additional projected 60,000 fans at special events, providing an additional audience for RWA's water conservation materials.

#### **BE WATER SMART EVENTS TEAM**

The Be Water Smart events team represented RWA and local water providers at community events that attract a regional audience. At events, visitors signed a banner pledging to conserve water in order to win a prize that can help them reduce water use. Events included:

- California Office of Emergency Services Emergency Preparedness Day in Old Sacramento (September 2014)
- Home and Landscape Expo at Cal Expo (January 2015)
- Water Spots Unveiling Event at a Sacramento River Cats game in West Sacramento (April 2015)
- West Sacramento Earth Day event in West Sacramento (May 2015)
- Harvest Day at the Fair Oaks Horticultural Center (August 2015)
- Farm to Fork in downtown Sacramento (September 2015)

In addition, IN Communications supported RWA at the ConservaCon event hosted by the Association of



California Water Agencies at their conference in December 2014. Our team produced a table top display and two Drought Champs vertical banners to promote the region's progress on water conservation during the drought.

*PRO BONO*

- Helped set up and tear down/package ConservaCon materials.

**COLLATERAL ITEMS**

The IN Communications team created a new pledge banner using a customized Save Our Water infographic and "Water Myths Busted" T-shirt for use at 2015 events. Those who signed the pledge banner were given an incentive prize such as Save our Water shower timers (provided free of charge by the Department of Water Resources). T-shirts were worn by the Be Water Smart events team, provided to finalists in the Water Spots video contest and tossed to River Cats fans at the Water Spots unveiling event.

**STRATEGIC ADVICE, PROGRAM COORDINATION AND TEAM MEETINGS**

The IN Communications team provided ongoing strategic advice, as well as prepared for and facilitated Public Outreach Subcommittee meetings. This task also included:

- Coordinating with Save Our Water to ensure RWEPP outreach program compliments the statewide program, and that Save Our Water maximizes local outreach
- Working with the RWA Webmaster to update language on the Be Water Smart Web site pages.
- Drafting several advertising summaries/updates during the year.
- Preparing an end-of-the year outreach report.

**SCHOOL EDUCATION: LES LEAKY DECORATING CONTEST**

The Regional Water Authority partnered with the Sacramento Bee Media in Education Program to sponsor a Be Water Smart Decorating Contest for children pre-school to 5th grade.

Kids were challenged to decorate the image of RWA's mascot "Les Leaky" wearing a detective uniform as he hunts down leaks and other water-wasting problems. The contest was patterned after the Sacramento Bee's Turkey Decorating Contest, which annually draws about 3,000 entries.

The IN Communications team worked with the Sacramento Bee and School Outreach Subcommittee to develop the coloring contest rules and guidelines, Les Leaky decorating graphic, infographic (in partnership with Save Our Water) and entry form (which included a Be Water Smart pledge for children). Our team also provided promotional text for RWA and water providers to promote the contest in newsletters and online.

On Sunday, March 15, 2015 (to correspond with the U.S. Environmental Protection Agency's "Fix a Leak Week") the Sacramento Bee published the Be Water Smart poster as a full-page advertisement. The poster included the decorating contest graphic on one side and a water conservation infographic on the other side. Additional posters were available at RWA's and the Sacramento Bee's offices and events. An 8.5 x 11" version was also available online at BeWaterSmart.info.

RWA's goal was to attract 500 to 1,000 in the contest's first year, and the 2015 contest attracted 425 entries from children throughout the Sacramento region.

Water Agency	Total Received
City of Sacramento	154
Placer County Water Agency	44
Sacramento County Water Agency	28
Out of Area	27
City of Roseville	24
California American Water	17
Sacramento Suburban WD	15
El Dorado Irrigation District/City of Placerville	14
Elk Grove Water District	10
City of Folsom	11
City of West Sac	11
Golden State Water Company	11
Not Identified	10
Fair Oaks Water District	9
Citrus Heights Water District	7
Carmichael WD	6
Well	6
City of Davis	5
City of Lincoln	5
City of Woodland	3
Rio Linda/Elverta	3
San Juan Water District	3
Fruitridge Vista	2
<b>Total</b>	<b>425</b>

Sacramento Bee and RWA staff members judged entries based upon creativity, aesthetic appearance and spirit of their display. The top five winners below received \$25 Amazon gift certificates. Winners were announced on BeWaterSmart.info and the Sacramento Bee MIE page on April 22 (Earth Day).

###

**Appendix F**  
**Agency 60-day Notice**



**RIO LINDA / ELVERTA COMMUNITY WATER DISTRICT**

P.O. BOX 400 • 730 L STREET  
RIO LINDA, CALIFORNIA 95673  
Phone: (916) 991-1000 • Fax: (916) 991-6616  
www.rlecwd.com

March 1, 2016

Leighann Moffitt  
Planning Director  
Sacramento County Community Development  
827 7<sup>th</sup> Street Room 225  
Sacramento, CA 95814

Subject: Rio Linda Elverta Community Water District 2015 UWMP Notice

Dear Ms. Moffitt,

The Rio Linda Elverta Community Water District is preparing its 2015 Urban Water Management Plan (UWMP). The UWMP is required to be submitted to the California Department of Water Resources every five years (Water Code Sections 10610-10656). The law requires a water agency notify the county and city in which it serves water of its UWMP update. The District is updating its UWMP for 2015 and intends to present its findings at a public hearing in May. If you have any questions or comments regarding this process please contact me at (916) 991-1000.

Regards,

Mary Henrici  
General Manager  
Rio Linda/Elverta CWD

**DIRECTORS:**

John Ridilla, President  
Mary Harris, Vice President  
Brent Dills, Director  
Paul Green, Director  
Duane Anderson, Director

**General Manager / Secretary:**

Mary Henrici  
MHenrici@rlecwd.com

**Appendix G**  
**UWMP Public Hearing Notice**

**RIO LINDA / ELVERTA COMMUNITY WATER DISTRICT**

P.O. BOX 400 • 730 L STREET  
RIO LINDA, CALIFORNIA 95673  
Phone: (916) 991-1000 • Fax: (916) 991-6616  
www.rlecwd.com

May 17, 2016

Leighann Moffitt  
Planning Director  
Sacramento County Community Development  
827 7<sup>th</sup> Street Room 225  
Sacramento, CA 95814

Subject: Rio Linda/ Elverta Community Water District 2015 UWMP Notice

Dear Ms. Moffitt,

The Rio Linda/ Elverta Community Water District is preparing its 2015 Urban Water Management Plan (UWMP). The UWMP is required to be submitted to the California Department of Water Resources every five years (Water Code Sections 10610-10656). The law requires a water agency notify the county and city in which it serves water of its UWMP public hearing. The District will conduct a public hearing for its 2015 UWMP on June 20, 2016, 6:30 PM at 6730 Front St, Rio Linda, CA 95673

If you have any questions or comments regarding this process please contact me at (916) 988-1693.

Regards,

Mary Henrici  
General Manager  
Rio Linda/Elverta CWD

**DIRECTORS:**

John Ridilla, President  
Mary Harris, Vice President  
Brent Dills, Director  
Paul Green, Director  
Duane Anderson, Director

**General Manager / Secretary:**

Mary Henrici  
MHenrici@rlecwd.com

# PROOF OF PUBLICATION

(2015.5 CCP)

STATE OF CALIFORNIA

S.S.

I am the principle clerk of the Rio Linda/Elverta News, a newspaper of general circulation in the communities of Rio Linda and Elverta, County of Sacramento, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Sacramento, State of California, under date of March 21, 1988, Case Number 358073, that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil) has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

June 3, 2016

June 10, 2016

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Don Haschl

SIGNATURE

DATE

June 10, 2016

The  
**RIO LINDA NEWS ELVERTA**  
P.O. Box 419  
Rio Linda, CA 95673  
  
Phone (916) 991-3000  
Fax (916) 992-6397

Agenda Item 4.3

This space reserved for the clerk's filing stamp

## NOTICE OF PUBLIC HEARING

**RIO LINDA/ELVERTA COMMUNITY WATER DISTRICT  
BOARD OF DIRECTORS CONSIDERATION OF  
2015 URBAN WATER MANAGEMENT PLAN**

NOTICE IS HEREBY GIVEN that the Board of Directors ("Board") of the Rio Linda/Elverta Community Water District ("District") will hold a public hearing at its regularly scheduled meeting on Monday, June 20, 2016 at 6:30 PM, at the Depot / Visitors Center located at 6730 Front Street, Rio Linda, California. The Board will consider the proposed 2015 Urban Water Management Plan ("UWMP"). If approved by majority vote of the Board, District staff will submit the 2015 UWMP to the California Department of Water Resources ("DWR") in compliance with the Urban Water Management Act (Cal. Water Code § 10610 et. seq., "Act").

The Act requires urban water suppliers, those providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually, to adopt and submit an UWMP every five years to DWR. The UWMP must describe sources of water supply, projected population and future water demand, demand management measures, strategies for responding to water shortages, and other relevant information for the District. If adopted, submission of the 2015 UWMP to DWR will satisfy the District's obligations under the Act.

**ALL INTERESTED PARTIES:** are invited to attend the June 20, 2016, public hearing to express opinions or submit evidence for or against the approval of the 2015 UWMP. At the above noted time and place, testimony from interested persons will be heard and considered by the District Board of Directors prior to taking action or making any recommendation on the 2015 UWMP. Upon request, the agenda and the documents in the hearing agenda packet can be made available to persons with a disability. In compliance with the Americans with Disabilities Act, the Rio Linda/Elverta Community Water District encourages those with disabilities to participate fully in the public hearing process. Any person requiring special assistance to participate in the meeting should call (916) 991-1000 or email [questions@rlcawd.com](mailto:questions@rlcawd.com) at least forty-eight (48) hours prior to the meeting.

Written comments are also accepted, prior to the hearing by the District, at: 730 L Street, Rio Linda, CA, 95673. Information regarding the hearing is on file and may be viewed by interested individuals at the District Office: 730 L Street, Rio Linda, CA, 95673. If a challenge to the above proposed actions is made in court, persons may be limited to raising only those issues they or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the District Board.

Copies of the proposed 2015 UWMP are available for public review at the District Office: 730 L Street, Rio Linda, CA, 95673.

Published June 3, 10, 2016

**Appendix H**  
**2015 UWMP Board Adoption Resolution**

**MINUTES OF THE  
JUNE 20, 2016  
PUBLIC HEARING AND REGULAR MEETING OF THE BOARD OF DIRECTORS  
OF THE RIO LINDA/ELVERTA COMMUNITY WATER DISTRICT**

**1. CALL TO ORDER, ROLL CALL and PLEDGE OF ALLEGIANCE**

The June 20, 2016 meeting of the Board of Directors of the Rio Linda/Elverta Community Water District called to order at 6:30 p.m. at the Depot/Visitor Center located at 6730 Front Street, Rio Linda, CA. General Manager Ralph Felix took roll call of the Board of Directors. Director John Ridilla, Mary Harris, Director Paul Green Jr., Director Brent Dills, Director Duane Anderson and General Manager Ralph Felix were present. Director Anderson led the pledge of allegiance.

**2. PUBLIC HEARING**

**2.1 Open Public Hearing**

**2.2 Urban Water Management Plan**

President Ridilla opened the meeting and introduced Jim Crowley who gave a presentation on the UWMP. A copy of the presentation was available as a hand out.

**2.3 Public Comment**

Public member commented on the year 2020 information included in the UWMP showing the District is meeting all levels required at this point.

**2.4 Close Public Hearing**

President Ridilla closed the public hearing.

**PUBLIC COMMENT**

Public member commented that she has a verified report of cancer clusters in the Rio Linda area and with the Chromium 6 and other chemicals coming from McClellan. She further stated that the ratepayers of Rio Linda should not have to pay for the removal, when residents did not put it in the water.

**3. CONSENT CALENDAR**

**3.1 Minutes**

*May 16, 2016 Special Meeting and Public Hearing / Regular Board Meeting*

**3.2 Expenditures**

**3.3 Financial Reports**

*It was moved by Director Dills and seconded by Director Ridilla to approve the Consent Calendar. Directors Dills, Harris, Ridilla, Anderson and Green voted yes. The motion carried with a unanimous vote of 5-0-0.*

**4. REGULAR CALENDAR**

**ITEMS FOR DISCUSSION AND ACTION**

**4.1 2015 Urban Water Management Plan (UWMP)**

District staff will submit the 2015 UWMP to the California Department of Water Resources ("DWR") in compliance with the Urban Water Management Act (Cal. Water Code § 10610 et. seq., "Act").

The Act requires urban water suppliers, those providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually, to adopt and submit an UWMP every five years to DWR. The UWMP must describe sources of water supply, projected population and future water demand, demand management measures, strategies for responding to water shortages, and other relevant information for the District.

*It was moved by Director Harris and seconded by Director Green to approve the 2015 Urban Water Management Plan (UWMP). Directors Dills, Harris, Ridilla, Anderson and Green voted yes. The motion carried with a unanimous vote of 5-0-0.*

#### **4.2 District Engineer's Report**

District Engineer, Jim Carson provided the Board of Directors a written report of current projects since the last Board meeting. Mr. Carson highlighted some key points of the current projects and timelines of those projects.

Mr. Carson stated well 15 is still above the states allowable standard for Chromium 6, and there is a plan in place to test every month until the end of the year and then begin treatment if the numbers are still above the allowable 10 ppb.

Mr. Carson spoke on the future well #16 site that will be located off U Street, the Elverta Specific Plan well site, and a new elevated tank. The District plans to replace the current elevated tank located at the District office with a new tank located near well #16. The old tank was serve as a cell tower and historical landmark. In July, the District plans to go out for bid on four monitoring well sites, of which the developers will pay for two and the District will pay for two.

Mr. Carson explained to the Board that legal is currently reviewing the proposals after all analysis's have been completed for the Capacity fees and will be presented at the next July Board meeting.

#### **4.3 Ordinance No. 2016-02 of the Board of Directors of the Rio Linda/Elverta Community Water District Amending Ordinance No. 2011-01 to Modify the Water Service Rates.**

Bartle Wells conducted the Water Rate and Capacity Fee Study. The Proposition 218 Notice regarding the modifying of the water rates was mailed to all property owners as of March 31, 2016. The notice of the Public Hearing was posted on the District's website on March 31, 2016, on the District's bulletin board located at 730 L Street, and printed in the *The News*, a local newspaper, for weeks April 30, 2016 and May 7, 2016.

The Board introduced Ordinance No. 2016-02 and waived the 1<sup>st</sup> reading at the May 16, 2016 Board Meeting. The Public Hearing was held May 16, 2016. The clerk of the Board counted 37 protests by the end of the public hearing. The protests received was not a majority, so the Board can move forward with adoption of the ordinance after a 2<sup>nd</sup> reading.

*It was moved by Director Dills and seconded by Director Anderson to waive the second reading and approve Ordinance No. 2016-02 Amending Ordinance No. 2011-01 to Modify the Water Service Rates. Directors Dills, Harris, Ridilla, Anderson and Green voted yes. The motion carried with a unanimous vote of 5-0-0.*

#### **4.4 Preliminary FY 2016-17 Budget**

The District runs on a fiscal year, which starts on July 1 of each year. In order to continue operations, the Board needs to adopt a budget by August. The District has an agenda item during this meeting to schedule



WELCOME TO THE Electronic Annual Reporting System

Home Help

MY PROFILE Log off

To view last year's report, click here.

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

### 3. Population Served

Total Population in DDW Records: 14381

Population Type	Population Count	Annual Operating Period			
		MM	DD	MM	DD
Residential	14381	1	1	12	31
Transient					
Non-Transient					

Method Used to Determine Population:

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



Multipled number of service connections by 3.3

-Pick one-

Most recent United States census data

Multipled number of service connections by 3.3

Determined total number of dwelling units and multiplied by 2.8

Other





## Items for Discussion and Action

### Agenda Item: 4.4

**Date:** May 17, 2021

**Subject:** Declaration of Debt Considered Doubtful Recovery

**Staff Contact:** Timothy R. Shaw

#### **Recommended Committee Action:**

The Executive Committee recommends the Board approve the lists of debt considered to be doubtful recovery.

#### **Current Background and Justification:**

The District is a tax-exempt, non-profit government agency owned by the Rio Linda/Elverta community. When customers do not pay for the water services provided, and for which the District has incurred costs (payroll, energy, materials, etc.), the District has a responsibility to recover the costs via all reasonable methods. Failure to collect the cost of providing service results in transferring the cost burden from the non-paying customers to the paying customers. Pursuant to statutory requirements and District policy, the District must make all reasonable efforts to recover the cost of providing service. The various means to compel payment include:

1. Discontinuation of service until the unpaid balance is addressed. (statistically the most effective, but now more complex with the implementation of SB 998)
2. Recording a lien against the property (effectiveness limited by property sale, many customers ignore the lien if sale of the property is not anticipated)
3. Direct Assessment places a charge directly on the property owner's tax bill. If the charge remains unpaid for several years, the County has the authority to auction off the property for at least the amount of unpaid taxes. (effective but limited to once per calendar year).

The District regular performs methods 1 and 2. The District, although authorized by statute and District policy (4.31.290), is scheduled to execute the first iteration of method 3 later this year. In my

opinion, due to the requirements of SB 998 codified in the District’s Discontinuation of Residential Water Service for Non-payment, the District is compelled to include Direct Assessments in its “reasonable efforts” to recover costs.

Sometimes, despite all reasonable efforts, the District cannot recover the cost of providing service. Circumstances leading to non-recovery of costs include; bankruptcy declarations, short sells and other means of transferring property ownership faster than the District can record liens, failure by the District to exercise all reasonable efforts within the statutory time limits and/or pursuant to statutory requirements.

In the circumstances where the district cannot recover the cost of providing service, the District is compelled to declare the debt as “doubtful recovery” AKA write off (although the term write off is prone to connote the private sector accounting principle of writing off the loss as a tax deduction. The District, a tax-exempt entity, has no such benefit. Failure to declare doubtful recovery debt has the potential to lead to findings in our annual, independent audit because the District’s financial records could fail to fairly and accurately reflect the District’s financial position.

Pursuant to District Policy 3.05.140, included with your Boards packets is the list of accounts for consideration to be declared as doubtful recovery.

**Conclusion:**

The Executive Committee recommends the Board authorize the declaration of listed debt to be doubtful recovery.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla:\_\_\_\_\_ Harris:\_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig\_\_\_\_\_.  
**(A) Yea (N) Nay (Ab) Abstain (Abs) Absent**

RLECWD Agenda Item Checklist

Item 4.4

Date

**Initial Potential Meeting Date**

05/17/2021

Circle High/Medium/Low priority of Item and Identify if in line with Mission/  
Goal/Strategic Planning issues or state of emergency

**Consider authorizing the annual list of doubtful recovery debt accounts pursuant to District policy**

---

**Staff Work Completed**

(Includes reviewing, researching item with other resources (ACWA, JPIA, RWA, SGA, other Water or special districts, District Engineer, Legal Counsel then laying out business cases, pros and cons, options and recommendations based on best information available, etc.

04/29/2021

**Committee Review of Item and Staff Work**

Review by appropriate Executive or Ad Hoc Committees, to prepare board recommendations

05/03/2021

**Formal Legal Counsel Review**

Legal Counsel should have enough time to review all potential legal matters for correctness and legality

N/A

**GM Review**

05/13/2021

**Actual Meeting Date Set for Agenda Item**

05/17/2021

Agenda Item 4.4

Location No.	Account No.	Customer Name	Status	Current	1-30 Days	31 - 60 Days	61 - 90 Days	91 - 120 Da	>120 Days	Balance
5090ELKHORNBLV	2003000	FREDDIE MARTINEZ	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.35	\$6.35
2080QUADRA0AVE	3049604	JASON BRITT	Final	\$0.00	\$0.00	\$0.00	\$149.42	\$174.66	\$549.17	\$873.25
66320BIRNAMOST	4006206	SHERI NEAL	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$116.75	\$116.75
1050LEEWILLOAVE	4368102	BETTY PRIDDY	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115.42	\$115.42
4100SILVEROCRES	8083000	TESS O'NEAL	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$164.30	\$164.30
70560SILVEROGLE	8118000	RAY STANDRIDGE	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.74	\$28.74
704705THOAVE	8139104	THOMAS TONAR	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.56	\$19.56
683204THOAVE	9046204	BKSP PROPERTIES LLC	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$1.58	\$0.00	\$1.58
710509THOAVE	19214108	ANDREY SAVENKO	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162.11	\$162.11
77050MILLDALE	20047006	TAGE CRADDOCK	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$316.48	\$316.48
72090BELCAMP	21046101	**NEW OWNER KELLY W	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$1.87	\$0.00	\$1.87
11330EOSTREET	22405802	JAMIE RODD MELISSA W	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$214.15	\$214.15
5905016THOSTREE	24158000	CECIL MAC CRACKEN	Final	\$0.00	\$0.00	\$0.00	\$11.21	\$0.00	\$0.00	\$11.21
25060EOST	25154001	THELMA CORMIER	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$141.05	\$141.05
6512024THOST	25614104	CHU NGHE	Final	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$58.37	\$58.37
					\$0.00	\$0.00	\$160.63	\$178.11	\$1,892.45	\$2,231.19



100

## **Items for Discussion and Action Agenda Item: 4.5**

**Date:** May 17, 2021

**Subject:** Lactation Accommodations Policy

**Staff Contact:** Timothy R. Shaw

### **Recommended Committee Action:**

N/A – This item was not discussed at committee due to the absence of discretion the District has regarding the legal obligation to adopt a Lactation Accommodations policy (reference Section 1034 of CA Labor Code)

### **Current Background and Justification:**

Senate Bill No. 142  
CHAPTER 720

An act to amend Sections 1030, 1031, and 1033 of, and to add Section 1034 to, the Labor Code, relating to employment.

[ Approved by Governor October 10, 2019. Filed with Secretary of State October 10, 2019.]

### **LEGISLATIVE COUNSEL'S DIGEST**

SB 142, Wiener. Employees: lactation accommodation.

... Existing law requires employers to provide a reasonable amount of break time to employees desiring to express milk for the employee's infant child. Existing law also requires an employer to make reasonable efforts to provide the employee with the use of a room, or other location, other than a bathroom, in close proximity to the employee's work area, for the employee to express milk in private. Existing law exempts an employer from the break time requirement if the employer's operations would be seriously disrupted by providing that time to employees desiring to express milk. Existing law

subjects employers who violate these provisions to a civil penalty of \$100 per violation and authorizes the Labor Commissioner to issue citations for those violations.

This bill would instead require an employer to provide a lactation room or location that includes prescribed features and would require an employer, among other things, to provide access to a sink and refrigerator in close proximity to the employee's workspace, as specified. The bill would deem denial of reasonable break time or adequate space to express milk a failure to provide a rest period in accordance with state law. The bill would prohibit an employer from discharging, or in any other manner discriminating or retaliating against, an employee for exercising or attempting to exercise rights under these provisions and would establish remedies that include filing a complaint with the Labor Commissioner. The bill would authorize employers with fewer than 50 employees to seek an exemption from the requirements of these provisions if the employer demonstrates that the requirement posed an undue hardship by causing the employer significant difficulty or expense, as specified. The bill would require an employer who obtains an exemption to make a reasonable effort to provide a place for an employee to express milk in private, as specified.

**The bill would require an employer to develop and implement a policy** regarding lactation accommodation and make it available to employees, as specified.

**Conclusion:**

The Board is obligated to adopt the Lactation Accommodations policy included with the Board packet of documents.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla: \_\_\_\_\_ Harris: \_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig \_\_\_\_\_.

**(A) Yea (N) Nay (Ab) Abstain (Abs) Absent**

RLECWD Agenda Item Checklist

Item 4.5

Date

Initial Potential Meeting Date

05/17/2021

Circle High/Medium/Low priority of Item and Identify if in line with Mission/  
Goal/Strategic Planning-issues or state of emergency

Consider approving the Lactation Accommodations policy required by state law.

05/13/2021

Staff Work Completed

(Includes reviewing, researching item with other resources (ACWA, JPIA, RWA, SGA, other Water or special districts, District Engineer, Legal Counsel then laying out business cases, pros and cons, options and recommendations based on best information available, etc.

Committee Review of Item and Staff Work

N/A

Review by appropriate Executive or Ad Hoc Committees, to prepare board recommendations

Formal Legal Counsel Review

N/A

Legal Counsel should have enough time to review all potential legal matters for correctness and legality

GM Review

05/13/2021

Actual Meeting Date Set for Agenda Item

05/17/2021

## Rio Linda Elverta Community Water District Lactation Accommodations Policy

### PURPOSE

The District recognizes the health benefits of breastfeeding for both parent and child. This Lactation Accommodation Policy establishes guidelines for promoting a breastfeeding-friendly work environment and supporting lactating employees at the District. An employee's decision to express breast milk in the workplace is a legally protected right and a decision supported by the District.

### STATUTORY AUTHORITY

This policy complies with employer lactation accommodation requirements in the federal Fair Labor Standards Act and the California Labor Code.

### DEFINITIONS

**Employee:** All persons employed by the District, including all permanent, probationary, part-time, and Services-as-Needed ("SAN"), and Temporary Assistance Program ("TAP") employees.

**Lactation room or location:** A room or other location for the employee to express milk in private. The room or location shall not be a bathroom but may include the place where the employee normally works if it otherwise meets the requirements of this policy.

• A lactation room or location shall:

1. Be in close proximity to the employee's work area, shielded from view, and free from intrusion while the employee is expressing milk.
2. Be safe, clean, and free of hazardous materials.
3. Contain a surface to place a breast pump and personal items.
4. Contain a place to sit; and
5. Have access to electricity or alternative devices, including, but not limited to, extension cords or charging stations needed to operate an electric or battery-powered breast pump.

### POLICY

• •The District shall provide a lactation room or location and a reasonable amount of breaktime to allow an employee desiring to express breast milk for the employee's child each time the employee has need to express milk. The break time shall, if possible, run concurrently with any break time already provided to the employee. Break time for an employee that does not run concurrently with the rest time authorized for the employee shall be unpaid. An employee may use leave accruals (except sick leave) to compensate for any unpaid time that occurs.



- •The District shall provide access to a sink with running water and a refrigerator suitable to storing milk in close proximity to the employee's workspace. If a refrigerator cannot be provided, the District may provide another cooling device suitable for storing milk, such as a District-provided cooler.
- •Where a multipurpose room is used for lactation, among other uses, the use of the room for lactation shall take precedence over the other uses, but only for the time it is in use for lactation purposes. Agencies/Departments are responsible for creating a system for scheduling use of the space by multiple employees. The system should ensure all employees who need to use the space for lactation can use it during approved breaks.
- •If a District employee's workspace is in a multi-tenant building or at a multi-employer worksite, the District may comply with this policy by providing a lactation room or location shared among multiple employers within the building or worksite, if the District cannot provide a lactation room or location within the District's own workspace.
- •The District may comply with this policy by designating a lactation room or location that is temporary, due to operational, financial, or space limitations. The temporary space shall not be a bathroom and shall be in close proximity to the employee's work area, shielded from view, free from intrusion while the employee is expressing milk, and otherwise compliant with this policy.

#### **PROCEDURE**

1. Employees have the right to request lactation accommodation. An employee seeking a lactation accommodation should inform the employee's immediate supervisor or the General Manager in advance, if possible, of the start date of the accommodation. To initiate the request, the employee shall complete the Lactation Accommodation Request Form (Appendix A) and submit the form to General Manager.

2. The General Manager shall work with the employee's immediate supervisor to promptly respond to the request, including doing the following:

- a) Confirm availability of a lactation room or location and assist with reserving the room or location if a reservation is needed.
- b) Confirm employee has access to a sink and a refrigerator or other cooling device in compliance with this policy.
- c) Coordinate with employee to identify a schedule for break(s). Employees are entitled to use regular paid breaks, meal periods, and unpaid break time consistent with this policy. Once approved, the breaks should not be interrupted except for emergency or exigent circumstances; and
- d) Review, complete and sign the Lactation Accommodation Request Form.

3. Once the employee and General Manager sign the Lactation Accommodation Request Form, the completed document will be maintained in the employee's medical file, and a copy shall be provided to the immediate supervisor.

4. If the District cannot provide break time or a room/location that complies with this policy, the District shall provide a written response to the employee. However, the District

determines that it cannot comply with the policy, the District will consult with Legal Counsel and/or the HR Hotline (Zywave.com).

**COMPLAINTS/QUESTIONS**

- An employee may report a violation of this policy to the District's General Manager, Contract Benefits Broker or to the California Labor Commissioner's Bureau of Field Enforcement ("BOFE").
- Questions concerning the application of this policy should be directed to General Manager or the Contract Benefits Broker. The District shall not discharge or in any other manner discriminate or retaliate against an employee for exercising or attempting to exercise any right protected under this policy. The District shall distribute this policy to new employees upon hiring and when an employee makes an inquiry about or requests pregnancy disability/parental leave. This policy is also available online at <http://www.rlecwd.com>.

Approved by Board of Supervisors on: \_\_\_\_\_ 1

Appendix A

**Lactation Accommodation Request Form**

In accordance with the District of Alameda Lactation Accommodation Policy (the Policy), breastfeeding employees shall be provided reasonable breaks and a space to express milk during working hours. To request lactation accommodation, employees must complete, sign, and submit this form to Agency/Department Human Resources in advance of the start of the request. **Employee Information**

Name:

Title/Classification:

Agency/Department:

Supervisor Name:

Employee Work Schedule:

Email:

Telephone Number:

Office Location:

Supervisor Phone Number:

# and Length of Paid Break(s):  
and Unpaid Lunch:

**LABOR CODE - LAB****DIVISION 2. EMPLOYMENT REGULATION AND SUPERVISION [200 - 2699.6]**

*( Division 2 enacted by Stats. 1937, Ch. 90. )*

**PART 3. PRIVILEGES AND IMMUNITIES [920 - 1138.5]**

*( Part 3 enacted by Stats. 1937, Ch. 90. )*

**CHAPTER 3.8. Lactation Accommodation [1030 - 1034]**

*( Chapter 3.8 added by Stats. 2001, Ch. 821, Sec. 1. )*

**1030.**

Every employer, including the state and any political subdivision, shall provide a reasonable amount of break time to accommodate an employee desiring to express breast milk for the employee's infant child each time the employee has need to express milk. The break time shall, if possible, run concurrently with any break time already provided to the employee. Break time for an employee that does not run concurrently with the rest time authorized for the employee by the applicable wage order of the Industrial Welfare Commission shall be unpaid.

*( Amended by Stats. 2019, Ch. 720, Sec. 1. (SB 142) Effective January 1, 2020. )*

**1031.**

- (a) An employer shall provide an employee with the use of a room or other location for the employee to express milk in private. The room or location may include the place where the employee normally works if it otherwise meets the requirements of this section.
- (b) A lactation room or location shall not be a bathroom and shall be in close proximity to the employee's work area, shielded from view, and free from intrusion while the employee is expressing milk.
- (c) A lactation room or location shall comply with all of the following requirements:
  - (1) Be safe, clean, and free of hazardous materials, as defined in Section 6382.
  - (2) Contain a surface to place a breast pump and personal items.
  - (3) Contain a place to sit.
  - (4) Have access to electricity or alternative devices, including, but not limited to, extension cords or charging stations, needed to operate an electric or battery-powered breast pump.
- (d) The employer shall provide access to a sink with running water and a refrigerator suitable for storing milk in close proximity to the employee's workspace. If a refrigerator cannot be provided, an employer may provide another cooling device suitable for storing milk, such as an employer-provided cooler.
- (e) Where a multipurpose room is used for lactation, among other uses, the use of the room for lactation shall take precedence over the other uses, but only for the time it is in use for lactation purposes.
- (f) (1) An employer in a multitenant building or multiemployer worksite may comply with this section by providing a space shared among multiple employers within the building or worksite if the employer cannot provide a lactation location within the employer's own workspace.

(2) Employers or general contractors coordinating a multiemployer worksite shall either provide lactation accommodations or provide a safe and secure location for a subcontractor employer to provide lactation accommodations on the worksite, within two business days, upon written request of any subcontractor employer with an employee that requests an accommodation.

(g) An agricultural employer, as defined in Section 1140.4, shall be deemed to be in compliance with this section if the agricultural employer provides an employee wanting to express milk with a private, enclosed, and shaded space, including, but not limited to, an air-conditioned cab of a truck or tractor.

(h) An employer may comply with this section by designating a lactation location that is temporary, due to operational, financial, or space limitations. These temporary spaces shall not be a bathroom and shall be in close proximity to the employee's work area, shielded from view, free from intrusion while the employee is expressing milk, and otherwise compliant with this section.

(i) An employer that employs fewer than 50 employees may be exempt from a requirement of this section if it can demonstrate that a requirement would impose an undue hardship by causing the employer significant difficulty or expense when considered in relation to the size, financial resources, nature, or structure of the employer's business. If that employer can demonstrate that the requirement to provide an employee with the use of a room or other location, other than a bathroom, would impose such undue hardship, the employer shall make reasonable efforts to provide the employee with the use of a room or other location, other than a toilet stall, in close proximity to the employee's work area, for the employee to express milk in private.

*(Amended by Stats. 2019, Ch. 720, Sec. 2. (SB 142) Effective January 1, 2020.)*

### **1032.**

An employer is not required to provide break time under this chapter if to do so would seriously disrupt the operations of the employer.

*(Added by Stats. 2001, Ch. 821, Sec. 1. Effective January 1, 2002.)*

### **1033.**

(a) The denial of reasonable break time or adequate space to express milk in accordance with this chapter shall be deemed a failure to comply for purposes of Section 226.7. An aggrieved employee may file a complaint under this subdivision with the Labor Commissioner pursuant to Section 98.

(b) An employer shall not discharge, or in any other manner discriminate or retaliate against, an employee for exercising or attempting to exercise any right protected under this chapter. This subdivision is not intended to limit or expand an employee's rights pursuant to Section 98.6. An aggrieved employee may file a complaint under this subdivision with the Labor Commissioner pursuant to Section 98.7.

(c) An employee may report a violation of this chapter to the Labor Commissioner's field enforcement unit. If, upon inspection or investigation, the Labor Commissioner determines that a violation of this chapter has occurred, the Labor Commissioner may issue a citation and may impose a civil penalty in the amount of one hundred dollars (\$100) for each day that an employee is denied reasonable break time or adequate space to express milk in violation of this

chapter. The procedures for issuing, contesting, and enforcing judgments for citations or civil penalties issued by the Labor Commissioner for violations of this chapter shall be the same as those set forth in Section 1197.1.

(d) Notwithstanding any other provision of this code, violations of this chapter shall not be misdemeanors under this code.

*(Amended by Stats. 2019, Ch. 720, Sec. 3. (SB 142) Effective January 1, 2020.)*

### **1034.**

(a) An employer shall develop and implement a policy regarding lactation accommodation that includes the following:

(1) A statement about an employee's right to request lactation accommodation.

(2) The process by which the employee makes the request described in paragraph (1).

(3) An employer's obligation to respond to the request described in paragraph (1) as outlined in subdivision (d).

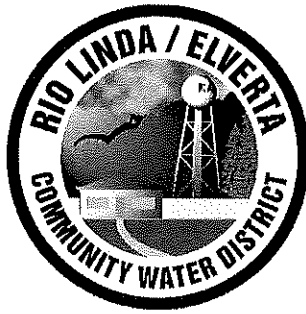
(4) A statement about an employee's right to file a complaint with the Labor Commissioner for any violation of a right under this chapter.

(b) The employer shall include the policy described in subdivision (a) in an employee handbook or set of policies that the employer makes available to employees.

(c) The employer shall distribute the policy described in subdivision (a) to new employees upon hiring and when an employee makes an inquiry about or requests parental leave.

(d) If an employer cannot provide break time or a location that complies with the policy described in subdivision (a), the employer shall provide a written response to the employee.

*(Added by Stats. 2019, Ch. 720, Sec. 4. (SB 142) Effective January 1, 2020.)*



**Items for Discussion and Action**  
**Agenda Item: 4.6**

**Date:** May 17, 2021

**Subject:** Increase the Authorized Amount for Purchasing New Dump Truck

**Staff Contact:** Timothy R. Shaw

**Recommended Committee Action:**

The 5-3-2021 Executive Committee received an update from the staff on the status of procuring a new dump truck. However, the status at that time did not generate the need for any Board action.

**Current Background and Justification:**

The Status Report and associated discussion on the dump truck procurement included looking for the same (or better) price from a more local (closer than Whittier, CA) dealership. The most promising source is from a dealership in Yuba City, CA.

Unfortunately, as we endeavored to find a vehicle from a dealership closer to the District, and eliminate the logistics for getting the vehicle to the District, the availability of the Whittier dealership vehicle terminated (sold to someone else).

The best deal available cost about \$3,700 more than the Whittier vehicle. (\$75,760 compared to \$72,000). Nevertheless, the Yuba City vehicle is around \$10,000 less than the price from Elk Grove, Fairfield and National Joint Purchasing Alliance. The Yuba City vehicle has a 4-week lead time.

**Conclusion:**

I recommend the Board authorize an increase in the purchase price for a new dump truck to be, “not to exceed \$76,000 excluding taxes and fees.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla: \_\_\_\_\_ Harris: \_\_\_\_\_ Jason Green \_\_\_\_\_ Gifford \_\_\_\_\_ Reisig \_\_\_\_\_.  
**(A) Yea (N) Nay (Ab) Abstain (Abs) Absent**



## RLECWD Agenda Item Checklist

### Item 4.6

Date

**Initial Potential Meeting Date**

05/17/2021

Circle High/Medium/Low priority of Item and Identify if in line with Mission/  
Goal/Strategic Planning issues or state of emergency

Consider increasing the authorized amount for purchasing a new (2021) dump truck

04/29/2021

**Staff Work Completed**

(Includes reviewing, researching item with other resources (ACWA, JPIA, RWA, SGA, other Water or special districts, District Engineer, Legal Counsel then laying out business cases, pros and cons, options and recommendations based on best information available, etc.

**Committee Review of Item and Staff Work**

05/03/2021

Review by appropriate Executive or Ad Hoc Committees, to prepare board recommendations

**Formal Legal Counsel Review**

N/A

Legal Counsel should have enough time to review all potential legal matters for correctness and legality

**GM Review**

05/13/2021

**Actual Meeting Date Set for Agenda Item**

05/17/2021



**Items for Discussion and Action  
Agenda Item: 4.7**

**Date:** May 17, 2021

**Subject:** Authorize any new Board Member Assignments (committees and other) announced by the Chair pursuant to District Policy 2.01.065

**Staff Contact:** Timothy R. Shaw

**Recommended Committee Action:**

N/A

**Current Background and Justification:**

District policy and various statutes stipulate Board approval of any Board Member assignments.

The District received outreach from ACWA Region 4 seeking candidate nominations for open Board seats. The process entails the RLECWD Board passing a Resolution of Support for the candidate. Accordingly, the first step is seeing if any RLECWD Board Member is interested.

**Conclusion:**

I recommend the Board consider approving any specific nominations and assignments as may be deemed necessary and appropriate. I further recommend the Board determining if any RLECWD Board Member is interested in serving on ACWA Region 4 Board.

**Board Action / Motion**

Motioned by: Director \_\_\_\_\_ Seconded by Director \_\_\_\_\_

Ridilla:\_\_\_\_ Harris:\_\_\_\_ Jason Green \_\_\_\_ Gifford \_\_\_\_ Reisig\_\_\_\_.  
(A) Yea (N) Nay (Ab) Abstain (Abs) Absent

## MEMORANDUM

Date: May 3, 2021

To: ACWA REGION 4 MEMBER AGENCY PRESIDENTS AND GENERAL MANAGERS  
(sent via e-mail)

From: ACWA REGION 4 NOMINATING COMMITTEE  
**Mike Hardesty**, Reclamation District #2068  
**Jim Peifer**, Sacramento Suburban Water District  
**Michelle Reimers**, Turlock Irrigation District  
**Kerry Schmitz**, Sacramento County Water Agency

The Region 4 Nominating Committee is looking for ACWA members who are interested in leading the direction of ACWA Region 4 for the 2022-2023 term. The Nominating Committee is currently seeking candidates for the Region 4 Board, which is comprised of Chair, Vice Chair and up to five Board Member positions.

The leadership of ACWA's ten geographical regions is integral to the leadership of the Association as a whole. The Chair and Vice Chair of Region 4 serve on ACWA's Statewide Board of Directors and recommend all committee appointments for Region 4. The members of the Region 4 Board determine the direction and focus of region issues and activities. Additionally, they support the fulfillment of ACWA's goals on behalf of members and serve as a key role in ACWA's grassroots outreach efforts.

If you, or someone within your agency, are interested in serving in a leadership role within ACWA by becoming a Region 4 Board Member, please familiarize yourself with the [Role of the Regions and Responsibilities](#); the [Election Timeline](#); and the [Region 4 Rules and Regulations](#) and complete the following steps:

- **Complete the attached Region Board Candidate Nomination Form [HERE](#)**
- **Obtain a Resolution of Support from your agency's Board of Directors (Sample Resolution [HERE](#))**
- **Submit the requested information to ACWA as indicated by [Wednesday, June 30, 2021](#)**

The Region 4 Nominating Committee will announce their recommended slate by July 31, 2021. On August 2, 2021 the election will begin with ballots sent to General Managers and Board Presidents. [One ballot per agency will be counted](#). The election will be completed on September 30, 2021. On October 4, 2021, election results will be announced. The newly elected Region 4 Board Members will begin their two-year term of service on January 1, 2022.

If you have any questions, please contact Region and Member Engagement Specialist Ana Javid, at [anaj@acwa.com](mailto:anaj@acwa.com) or (916) 441-4545.



Agenda Item 4.7  
**THE ROLE OF  
THE REGIONS**

*ACWA Regions provide the grassroots support to advance ACWA's legislative and regulatory agenda.*

### **Background**

As a result of ACWA's 1993 strategic planning process, known as Vision 2000, ACWA modified its governance structure from one that was based on sections to a regional-based configuration. Ten regions were established to provide geographic balance and to group agencies with similar interests.

### **Primary Charge of Regions**

To provide a structure where agencies can come together and discuss / resolve issues of mutual concern and interest and based on that interaction, provide representative input to the ACWA board.

To assist the Outreach Task Force in building local grassroots support for the ACWA Outreach Program in order to advance ACWA's legislative and regulatory priorities as determined by the ACWA Board and the State Legislative, Federal Affairs or other policy committees.

To provide a forum to educate region members on ACWA's priorities and issues of local and statewide concern.

To assist staff with association membership recruitment at the regional level.

To recommend specific actions to the ACWA Board on local, regional, state and federal issues as well as to recommend endorsement for various government offices and positions.

Region chairs and vice chairs, with support from their region boards, provide the regional leadership to fulfill this charge.

*Note: Individual region boards CANNOT take positions, action or disseminate communication on issues and endorsements without going through the ACWA Board structure.*

## **GENERAL DUTIES / RESPONSIBILITIES FOR REGION OFFICERS**

### **Region Chair**

Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Chair will also call at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.

Serves as a member of ACWA's Outreach Program, and encourages region involvement. Appoints Outreach Captain to help lead outreach effort within the region.

Presides over all region activities and ensures that such activities promote and support accomplishment of ACWA's Goals.

Makes joint recommendations to the ACWA President regarding regional appointments to all ACWA committees.

Appoints representatives in concurrence of the region board, to serve on the region's nominating committee with the approval of the region board.

Facilitates communication from the region board and the region membership to the ACWA board and staff.

### **Region Vice Chair**

Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Vice Chair will also participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.

Performs duties of the Region Chair in the absence of the chair.

Serves as a member of ACWA's Outreach Program, and encourages region involvement.

Makes joint recommendations to the ACWA president regarding regional appointments to all ACWA committees.

### **Region Board Member**

Participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.

Supports program planning and activities for the region.

Actively participates and encourages region involvement in ACWA's Outreach Program.

May serve as alternate for the chair and/or vice chair in their absence (if appointed) to represent the region to the ACWA Board.



## ACWA Region 4 Rules & Regulations

*Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association (ACWA Bylaw V, 6.).*

### **Officers**

The Region 4 board shall have cooperation and planning responsibility and can make specific recommendations to the region as a whole.

The chair will appoint a secretary to the board if one is deemed necessary.

### **Meetings**

Region 4 will meet at least quarterly; two of those meetings to be held at the ACWA spring and fall conferences.

The Region 4 Board will determine when or if the non-members are invited to regional activities or events.

### **Attendance**

If a region chair or vice chair is no longer allowed to serve on the Board of Directors due to his / her attendance, the region board shall appoint from the existing region board a new region officer. (ACWA Policy & Guideline Q, 1.)

If a region chair or vice chair misses three consecutive region board / membership meetings, the same process shall be used to backfill the region officer position. (ACWA Policy & Guideline Q, 1.)

If a region board member has three consecutive unexcused absences from a region board meeting or general membership business meeting, the region board will convene to discuss options for removal of the inactive board member. If the vacancy causes the board to fail to meet the minimum requirement of five board members, the region must fill the vacancy according to its rules and regulations. (ACWA Policy & Guideline Q, 3.)

### **Elections**

All nominations received for the region chair, vice chair and board positions must be accompanied by a resolution of support from each sponsoring member agency, signed by an authorized representative of the Board of Directors. Only one individual may be nominated from a given agency to run for election to a region board. Agencies with representatives serving on the nominating committees should strive not to submit nominations for the region board from their agency. (ACWA Policy & Guideline P, 2.)

The term for the chair and vice chair shall be limited to one full two-year term.

An elected chair or vice chair shall not be permitted to succeed himself/herself to that office.

Election ballots will be e-mailed to ACWA member agency general managers and presidents.

The nominating committee shall consist of three to five members.

The nominating committee should pursue qualified members within the region to run for the region board, and should consider geographic diversity, agency size and focus in selecting a slate.

Once the nominating committee has decided on a recommended region slate, they shall work with ACWA staff to ensure candidates not chosen for the slate are notified prior to the start of the election.

*See current region election timeline for specific dates.*

#### **Endorsements**

ACWA, as a statewide organization, may endorse potential nominees and nominees for appointment to local, regional, and statewide commissions and boards. ACWA's regions may submit a recommendation for consideration and action to the ACWA Board of Directors to endorse a potential nominee or nominee for appointment to a local, regional or statewide commission or board. (ACWA Policy & Guideline P, 3.)

#### **Committee Recommendations & Representation**

All regions are given equal opportunity to recommend representatives of the region for appointment to a standing or regular committee of the Association. If a region fails to provide full representation on all ACWA committees, those committee slots will be left open for the remainder of the term or until such time as the region designates a representative to complete the remainder of the term. (ACWA Policy & Guideline P, 4. A.)

At the first region board / membership meeting of the term, regions shall designate a representative serving on each of the standing and regular committees to serve as the official reporter to and from the committee on behalf of the region to facilitate input and communication. (ACWA Policy & Guideline P, 4. B.)

#### **Tours**

ACWA may develop and conduct various tours for the regions. All tour attendees must sign a "release and waiver" to attend any and all region tours. Attendees agree to follow environmental guidelines and regulations in accordance with direction from ACWA staff; and will respect the rights and privacy of other attendees. (ACWA Policy & Guideline P, 6.)

#### **Finances**



*See "Financial Guidelines for ACWA Region Events" document.*

**Amending the Region Rules & Regulations**

ACWA policies and guidelines can be amended by approval of the ACWA Board of Directors.

The Region 4 Rules & Regulations can be amended by a majority vote of those present at any Region 4 meeting as long as a quorum is present.

## 2021 ACWA Region Election Timeline 2022-2023 Term

- February 26:**           **NOMINATING COMMITTEES APPOINTED**
- With concurrence of the region board, the region chairs appoint at least three region members to serve as the respective region's Nominating Committee
  - Those serving on nominating committees are ineligible to seek region offices
  - Nominating Committee members are posted online at [www.acwa.com](http://www.acwa.com)
- March 1-31:**           **NOMINATING COMMITTEE TRAINING**
- Nominating Committee packets will be e-mailed to each committee member
  - ACWA staff will hold a Zoom training session with the nominating committees to educate them on their specific roles and duties
    - Regions 1-10 Nominating Committees: via Zoom
- May 3:**               **CALL FOR CANDIDATES**
- The Call for Candidate Nominations packet will be e-mailed to ACWA member agency Board Presidents and General Managers
- June 30:**           **DEADLINE FOR COMPLETED NOMINATION FORMS**
- Deadline to submit all Nomination Forms and Board Resolutions of Support for Candidacy for region positions
  - Nominating Committee members may need to solicit additional candidates in person to achieve a full complement of nominees for the slate
- July 1:**               **CANDIDATE INFORMATION TO NOMINATING COMMITTEES**
- All information submitted by candidates will be forwarded by ACWA staff to the respective region Nominating Committee members with a cover memo explaining their task





July 11 - 31:

**RECOMMENDED SLATES SELECTED**

- Nominating Committees will meet to determine the recommended individuals for their region. The slate will be placed on the election ballot.
- Nominating Committee Chairs will inform their respective ACWA Regional Affairs Representative of their recommended slate by July 23
- Candidates will be notified of the recommended slate by July 30
- The Nominating Committee Chair will approve the official region ballot

August 2:

**ELECTIONS BEGIN**

- All 10 official electronic ballots identifying the recommended slate and any additional candidates for consideration for each region will be produced and e-mailed to ACWA member agencies only
- Only one ballot per agency will be counted

September 30:

**ELECTION BALLOTS DUE**

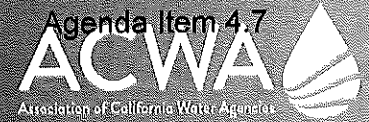
- ***Deadline for all region elections. All region ballots must be received by ACWA by September 30, 2021***

October 4:

**ANNOUNCEMENT OF ELECTION RESULTS**

- Newly-elected members of the region boards will be contacted accordingly
- An ACWA Advisory will be distributed electronically to all members reporting the statewide region election results
- Results will be posted at [acwa.com](http://acwa.com) and will be published in the October issue of ACWA News

# REGION BOARD CANDIDATE NOMINATION FORM



Submit completed form by **June 30, 2021** to [regionelections@acwa.com](mailto:regionelections@acwa.com)

Name of Candidate:	Title:
Agency:	Agency Phone:
Direct Phone:	E-mail:
Address:	ACWA Region: County:

**Region Board Position Preference**  
*If you are interested in more than one position, please indicate priority - 1st, 2nd and 3rd choice.*

Chair:

Vice Chair:

Board Member:

**If you are not chosen for the recommended slate, would you like to be listed in the ballot's individual candidate section?**  
*If neither is selected, your name will NOT appear on the ballot.*

Yes

No

**Agency Function(s)**  
*Check all that apply*

Wholesale

Urban Water Supply

Ag Water Supply

Sewage Treatment

Retailer

Wastewater Reclamation

Flood Control

Groundwater Management / Replenishment

Other:

**Describe your ACWA-related activities that help qualify you for this office:**

.....

.....

.....

**Write below or attach a half-page bio summarizing the experience and qualifications that make you a viable candidate for ACWA Region leadership.** Please include the number of years you have served in your current agency position, the number of years you have been involved in water issues and in what capacity you have been involved in the water community.

.....

.....

.....

.....

*I acknowledge that the role of a region board member is to actively participate on the Region Board during my term, including attending region board and membership meetings, participating in region conference calls, participating in ACWA's Outreach Program, as well as other ACWA functions to set an example of commitment to the region and the association.*

*I hereby submit my name for consideration by the Nominating Committee.*

Signature Title Date

**Please attach a copy of your agency's resolution of support / sponsorship for your candidacy.**

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
(DISTRICT NAME)  
PLACING IN NOMINATION (NOMINEE NAME)  
AS A MEMBER OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES  
REGION \_\_\_\_ (POSITION)**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF (DISTRICT NAME) AS FOLLOWS:

A. Recitals

(i) The Board of Directors (Board) of the (District Name) does encourage and support the participation of its members in the affairs of the Association of California Water Agencies (ACWA).

(ii) (Nominee Title), (Nominee Name) is currently serving as (Position) for ACWA Region \_\_\_\_

and/or

(iii) (Nominee Name) has indicated a desire to serve as a (Position) of ACWA Region \_\_\_\_.

B. Resolves

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF (DISTRICT NAME),

(i) Does place its full and unreserved support in the nomination of (Nominee Name) for the (Position) of ACWA Region \_\_\_\_.

(ii) Does hereby determine that the expenses attendant with the service of (Nominee Name) in ACWA Region \_\_\_\_ shall be borne by the (District Name).

Adopted and approved this \_\_\_\_ day of \_\_\_\_ (month) 2021.

(SEAL)

\_\_\_\_\_  
(Nominee Name), (Title)  
(District Name)

ATTEST:

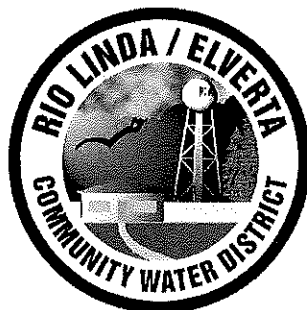
\_\_\_\_\_  
(Secretary Name), Secretary

I, (SECRETARY NAME), Secretary to the Board of Directors of (District Name), hereby certify that the foregoing Resolution was introduced at a regular meeting of the Board of Directors of said District, held on the \_\_\_\_ day of \_\_\_\_ (month) 2021, and was adopted at that meeting by the following roll call vote:

AYES: \_\_\_\_\_  
NOES: \_\_\_\_\_  
ABSENT: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
(Secretary Name), Secretary to the  
Board of Directors of  
(District Name)



## **Information Items Agenda Item: 5.1**

**Date:** May 17, 2021

**Subject:** District Reports

**Staff Contact:** Timothy R. Shaw, General Manager

### **1. DISTRICT ACTIVITY REPORT**

1. Operations Report
2. Conservation Report
3. Completed and Pending Items Report
4. Sacramento County Board of Supervisors workshop on Elverta Specific Plan
5. Current rate adjustment process notices and announcements.
6. Documents associated with population served by RLECWD for reporting/compliance.
7. General explanation of SB 606 and AB 1668

# RIO LINDA/ELVERTA C.W.D. 2021

## REPORT OF DISTRICT OPERATIONS

110

### SOURCE WATER DATA

#### Water Production (Million Gallons)

January	February	March	April	May	June	Year To Date
39.9	35.2	47.9	75.8			
39,900,384	35,233,381	47,855,206	75,774,182			
July	August	Sept.	Oct.	Nov.	Dec.	

Gallons = Multiply M.G. by:	1,000,000	<b>Monthly Total</b>	75,774,182	Gallons	198,768,168
Cubic Feet = Divide gallons by:	7.48		10,130,238	Cubic Feet	26,572,614
Hundred Cu Ft. = Divide cu. ft. by:	100		101,302	Hundred Cubic Feet	265,726
Acre Ft. = Divide gallons by:	325,829		232.56	Acre Ft.	610

### DISTRIBUTION SYSTEM DATA

#### Water Quality Complaints

#### Complaints Total (Low Psi Complaints)

January	February	March	April	May	June	Year To Date
2 (2)	1 (1)	0	0			
July	August	Sept.	Oct.	Nov.	Dec.	

#### New Services

New Construction	0	1
Existing Homes	0	0
Paid prior to increase. (2 not installed)	0	0
Total of Service Connections to Date ----->		4643

#### Distribution System Failures/Repairs

Deterioration April 1 thru 30	5	11
Damaged April 1 thru 30	0	0

#### Bacteriological Sampling

Routine Bacteriological Samples (Distribution System)	16	68
Raw Water Bacteriological Samples (at Wells)	11	11

#### April 1, 2021 - April 30, 2021

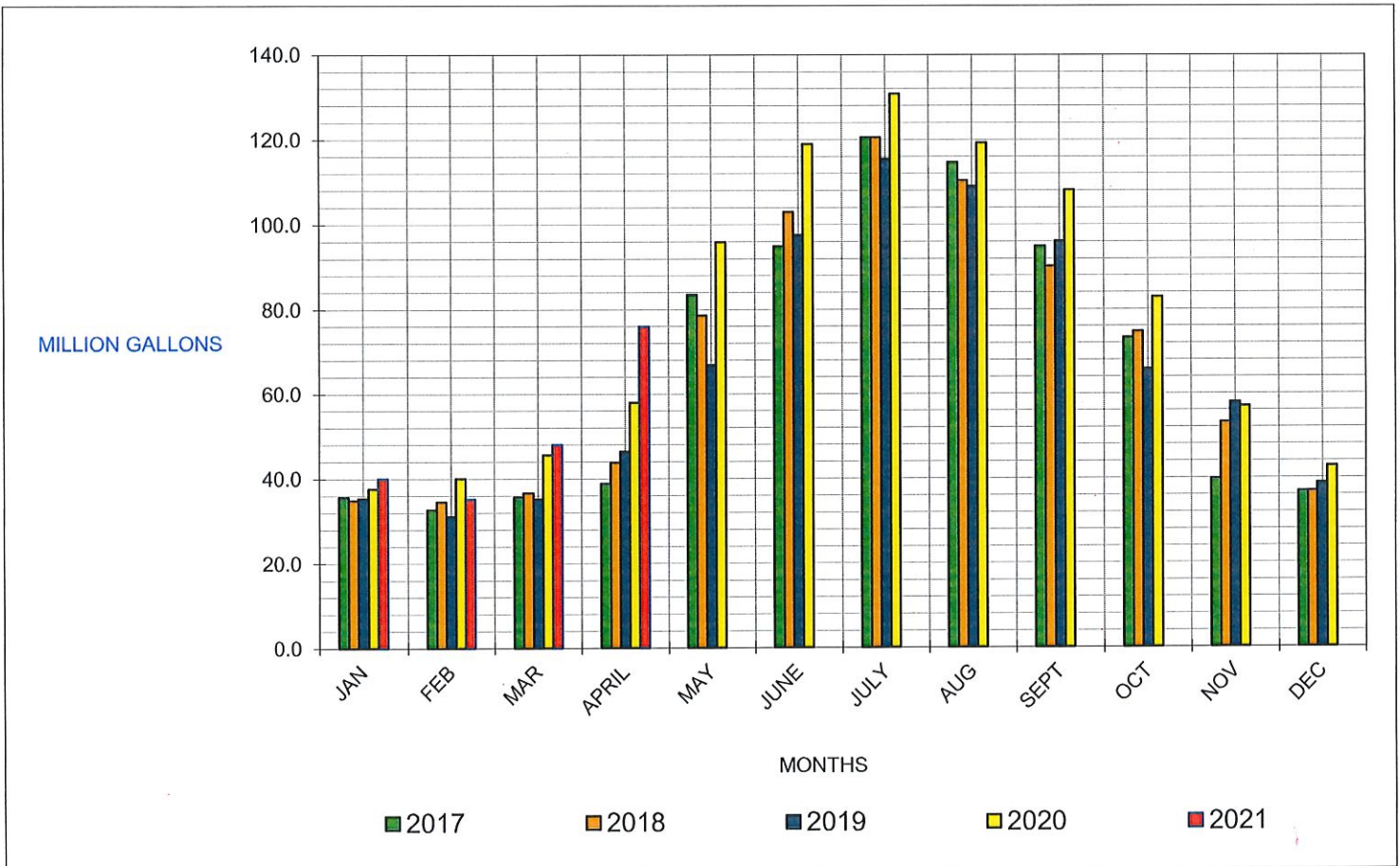
5 - Distribution leaks repaired by District staff, 1 - by Contractor or with Contractor assistance.		
Work Orders Issued - 25	Work Orders Completed - 42	USA's Issued - 59
Change Out Meter - 1	Change Out Meter - 23	
Flow Test - 1	Flow Test - 1	
Get Current Read - 2	Get Current Read - 2	
Line Leak - 4	Line Leak - 2	
Other Work - 2	Other Work - 2	
Possible Leak - 9	Possible Leak - 6	
Raise Meter Box - 1	Raise Meter Box - 1	
New Service Quote - 1	Repair - 2	
Tag Property - 2	New Service Quote - 1	
Turn On Service - 1	Tag Property - 1	
	Turn On Service - 1	

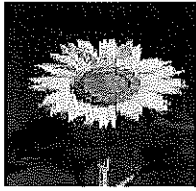
## RIO LINDA/ELVERTA C.W.D.

### WATER PRODUCTION

2017 \ 2021

Month	Water Production in Million Gallons						SSWD Water Purchases				
	2017	2018	2019	2020	2021	Avg.	2017	2018	2019	2020	2021
JAN	35.6	34.8	35.3	37.6	39.9	36.6	0.0	0.0	0.0	0.0	0.0
FEB	32.7	34.5	31.1	40.0	35.2	34.7	0.0	0.0	0.0	0.0	0.0
MAR	35.6	36.5	35.1	45.5	47.9	40.1	0.0	0.0	0.0	0.0	0.0
APRIL	38.8	43.7	46.3	57.9	75.8	52.5	0.0	0.0	0.0	0.0	
MAY	83.4	78.5	66.8	95.9		81.2	0.0	0.0	0.0	0.0	
JUNE	94.9	102.9	97.5	118.9		103.6	0.0	0.0	0.0	0.0	
JULY	120.5	120.5	115.4	130.7		121.8	0.0	0.0	0.0	0.0	
AUG	114.6	110.3	108.9	119.2		113.3	0.0	0.0	0.0	0.0	
SEPT	94.9	90.1	96.1	108.1		97.3	0.0	0.0	0.0	0.0	
OCT	73.2	74.7	65.8	82.8		74.1	0.0	0.0	0.0	0.0	
NOV	39.7	53.1	57.8	56.9		51.9	0.0	0.0	0.0	0.0	
DEC	36.7	36.8	38.7	42.7		38.7	0.0	0.0	0.0	0.0	
<b>TOTAL</b>	<b>800.6</b>	<b>816.4</b>	<b>794.8</b>	<b>936.2</b>	<b>198.8</b>	<b>837.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>



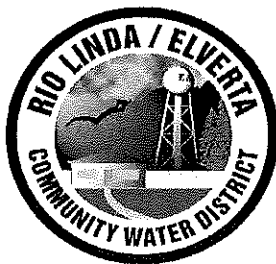


## Conservation Report April 2021



<b>Supplies (kits):</b>	Shower heads(2) Kitchen Aerators(1) Bathroom Aerators(2) Shower Timer(10) Nozzle(0) Toilet Tabs(0) Moisture Meters(0) Water Bottles(0) Toilet Tummy(0) Retro-Fit Kits(0) Welcome Kits(0) Kids Kit(0)
<b>Water Waste</b> (calls, emails, letter, leaks detected, and fixed):	0 Water Waste Call(s) 7 contacts about possible leaks using the AMI system - 2 were called, 1 was mailed, 3 was emailed, 1 tag was hung 3 were confirmed resolved
<b>Water Schedule:</b>	given to customers with all violation letters and new applications
<b>Surveys</b>	0
<b>Workshops, Webinar, Meetings:</b>	None
<b>Fines:</b>	None
<b>Other Tasks:</b>	<ul style="list-style-type: none"> <li>● Assisted with new customers</li> <li>● Created/completed work orders</li> <li>● Disconnect properties with no service application</li> <li>● Notified and offered customers the ACH payment method</li> <li>● Closed accounts and final billed customers</li> <li>● Printed stamps</li> <li>● Mailed out application requests to new owners</li> <li>● Scanned and uploaded documents into UMS</li> <li>● Reached out to customers with higher than normal water usage</li> <li>● Verbal Demands</li> <li>● Created Report for High Usage Exceptions</li> <li>● Emailed Customers about declined autopayments</li> </ul>
<b>Grant Updates:</b>	None





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**PENDING AND COMPLETED ITEMS  
5-17-2021 BOARD OF DIRECTORS MEETING**

1. **Rate Study / Cost of Service Analysis.** The Proposition 218 Notice for the proposed rates adjustment was mailed out on May 3<sup>rd</sup>. The newspaper announcement of the District's June 21, 2021 public hearing to consider rates adjustment was published on May 7<sup>th</sup>. **Pending**
2. **SB-606 and AB-1668 planning for compliance** – See status of pending item 1, which is directly prerequisite to completing this item. **Pending**
3. **Hexavalent Chromium MCL economic feasibility** a recently published update to the State's water plan includes the readoption of the Hexavalent Chromium MCL and projects the impacts on water affordability for smaller water purveyors. The context is the importance of the state promoting water system collaboration and consolidations. **Pending**
4. **District outreach to customers in anticipation of implementing a new rate structure focused on consumption in compliance with SB 606 / AB 1668 requirements** – The call with Twin Rivers Unified School District (TRUSD) went well. There were some random misconceptions TRUSD had at the beginning of the call, which were easily addressed. Then, the call resulted in providing the appropriate TRUSD personnel to work with moving forward. **Pending**
5. **Procuring a replacement for the existing 25-year-old dump truck** –The additional efforts to find a 2021 dump truck other than the one available at Whittier, CA had the unintended consequence of missing the opportunity to purchase the Whittier, CA vehicle. The same specs vehicle is available at Elk Grove, Fairfield and elsewhere for about \$13,000 more than the price of the Whittier vehicle. Working with the Contract District Engineer, we were able to find one in Yuba City for approximately \$3,700 more than the Whittier vehicle, about \$10,000 less than the price from Elk Grove, Fairfield etc. The Board will need to amend its prior authorization to authorize the purchase from Yuba City. **Pending**
6. **Engaging a new Independent Auditor,** The Board has authorized the engagement of Scott German. However, the appurtenant documents have not been executed yet. **Pending**

**COUNTY OF SACRAMENTO  
CALIFORNIA**

Agenda Item 5.14

1519

For the Agenda of:  
April 28, 2021  
Timed: 3:00 PM

To: Board of Supervisors  
Through: Ann Edwards, Interim County Executive  
From: Leighann Moffitt, Planning Director, Office of Planning and Environmental Review  
Subject: Elverta Specific Plan Workshop  
District(s): Frost

**RECOMMENDED ACTION**

Conduct workshop, and provide staff with direction regarding options for addressing implementation challenges with the Elverta Specific Plan.

**BACKGROUND**

Following an extensive planning process, the Board of Supervisors (Board) adopted the Elverta Specific Plan (Specific Plan) in 2007 (Attachment 2). The Specific Plan was initiated by the Elverta Specific Plan Owners' Group (Owners' Group), which served as the project applicant and paid for the entitlement costs, including preparation of the related Finance Plan. A number of technical studies were also prepared including transportation studies, drainage studies, and water supply assessments as part of the Specific Plan adoption process.

Preceding the preparation of the Elverta Specific Plan, was the Rio Linda and Elverta Community Plan (Community Plan), adopted in 1998. The Community Plan set the stage to allow the subsequent specific plan and, in some cases, provided guidance to requirements that must be followed in the Specific Plan. The consideration of an Urban Development Area that eventually became the Elverta Specific Plan was very contentious with significant comment and participation by hundreds of community members.

The adopted Specific Plan provides the framework to guide development of approximately 1,744 acres in the Rio Linda-Elverta Community including land use, circulation, community facilities, and urban design policies. As originally approved, the Specific Plan allowed for the development of 4,950 residential units, 17.5 acres of commercial, 4.4 acres of office, two elementary schools (20.2 acres), and 71.3 acres of land to be dedicated as public parks interspersed throughout the plan area.

Natural drainage corridors bisect the Specific Plan, which also provide for open space and a comprehensive trail system that would link the entire plan

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area internally, while also linking to a larger regional trail system, including Gibson Ranch County Park, the Dry Creek Parkway Corridor, and a planned trail system in Placer County.

With the adoption of the Specific Plan, approximately 969.1± acres or 56 percent of the Specific Plan were rezoned consistent with the new Specific Plan designations.

Additional Actions since Adoption of the Specific Plan

In 2009, the Board approved a second round of rezones covering approximately 132.1± acres. Combined with the original zoning actions, approximately 1,101.2 acres or 63 percent of the plan area were rezoned consistent with the land use designations of the Specific Plan. The Board applied the conditions from Appendix D of the Specific Plan as rezone conditions upon each project's approval.

As provided for in Section 10.5 of the Plan, six minor or major amendments have been approved. Minor amendments have included an updated land use plan to reflect the amended Drainage Master Plan, an update to the Off-Street Trail System Map, incorporating a Trails Master Plan, and updates to the Affordable Housing Plan in response to changes to the County's Affordable Housing Ordinance. Major amendments included the relocation of the proposed community center and park location and two amendments specific to the approval of the Northborough and Northborough II projects.

In 2014, the Board approved a major amendment to the Drainage Master Plan of the Specific Plan to widen the planned drainage corridors allowing the existing drainages to flow in a more natural configuration with storm water quality features to address erosion concerns and to provide for more habitat-friendly wetland features. This amendment led to adjustments to the allowed densities on several parcels, and in some cases, changes to land use designations.

Elverta Specific Plan Owner's Group (Owners' Group)

The owners forming the Owner's Group were considered participating property owners while those property owners who were not a part of the Owner's Group were considered non-participating property owners. County Code Section 21.14.065 regulates the preparation of a specific plan, and states that any applicant who wishes to pursue a rezone or map concurrent with preparation of the specific plan must financially participate, thereby creating some incentive to become a participating member. This is not unique to this plan effort. The Owner's Group members represented 34 percent of the plan area. The financing plan identified a number of these properties as constituting Phase 1 of development of the Specific Plan.

While the Owner's Group was active during the development and adoption of the Specific Plan, and during some of the early rezones and Specific Plan amendments, it is not clear to County staff the extent to which there

remains an organized Owner's Group. Instead, County staff are now working with individual property owners, including non-participating owners, on individual projects.

#### Development Projects

Since adoption of the Specific Plan, three residential development projects have received approval including Elverta 78, Northborough, and Northborough II. The following includes a brief discussion of each of these previously approved projects within the Specific Plan. Staff notes that Northborough and Northborough II also included amendments to the General Plan, Community Plan and originally adopted Specific Plan to change what was originally envisioned as an agricultural-residential "buffer" with Placer County to urban uses.

*Elverta 78 Project (PLNP2014-00202):* On December 18, 2017, the Planning Commission approved the Elverta 78 project. Elverta 78 includes 213 single-family residential units and a community park located on the south side of Elverta Road in the southeastern quadrant of the Specific Plan. The Elverta 78 project is comprised of three villages, which range from 3.8 dwelling units per acre in the RD-5 zone to 0.9 dwelling units per acre in the AR-1 zone. Due to recent statutory time extensions, this map is set to expire on June 18, 2022, and is eligible for a five-year extension.

*Northborough Project (PLNP2013-00056):* On January 23, 2018, the Board approved the Northborough project. Northborough includes 1,127 single-family residential units immediately to the north and east sides of the Northborough II project. The Northborough project is comprised of 15 residential villages, each of which would range in density from 3.3 net dwelling units per acre to 6.8 dwelling units per acre and required a major amendment to the Specific Plan. Each of the villages will contain homes of similar densities, design, and community aesthetics. Due to recent statutory time extensions, this map is set to expire on August 23, 2022, and is eligible for a five-year extension.

*Northborough II Project (PLNP2014-00183):* Similarly, on January 23, 2018, the Board approved the Northborough II project. Northborough II includes 364 single-family residential units immediately to the south of the Northborough project. The Northborough II project is comprised of 5 residential villages, each of which range in density from 4.0 net dwelling units per acre to 6.3 dwelling units per acre and required a major amendment to the Specific Plan. The project as proposed provides for a range of residential housing types ranging from alley-loaded homes in the RD-7 zone containing 3,800 SF to 4,725 SF attached or detached units, to detached executive type housing in the RD-5 zone containing 6,300 SF. This map was set to expire on February 23, 2021, but per AB 1561, the map is now set to expire on August 23, 2022, and is eligible for a five-year extension.

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In addition to these approved projects, a number of Specific Plan property owners are seeking entitlements to develop and construct other portions of the Specific Plan.

Table 1 provides a summary of approved and pending development projects including the land use designation and the actual units applied for or entitled. Additionally, a map showing all of the approved and pending development projects is included with this report package (Attachment 1).

<b>DEVELOPMENT PROJECT</b>	<b>STATUS</b>	<b>SPECIFIC PLAN LAND USE DESIGNATION</b>	<b>NUMBER OF UNITS</b>
Elverta 245	Pending	AR 1	10
		RD 1,2	8
		RD 3,4,5	664
		RD 20	155 <sup>[1]</sup>
Elverta 59.5 North	Pending	AR 1	0
		RD 3,4,5	90
Elverta 59.5 South	Pending	COMM	0
		RD 6,7	36
		RD 20	95 <sup>[1]</sup>
Northborough	Approved	RD 3,4,5	423
		RD 6,7	704
Northborough II	Approved	RD 6,7	364
Elverta 78	Approved	AR 1	15
		RD 3,4,5	198
Elverta 25	Pending	RD 6,7	117
Palladay Tentative Parcel Map (Krause)	Pending	AR 2	5
<b>TOTAL</b>			<b>2,884</b>

[1] The requests for Elverta 245 and Elverta 59.5 South do not include a development plan for the RD-20 lots. A development plan for these lots will be reviewed under a separate submittal.

Elverta Specific Plan Implementation Challenges and Options

In consultation with applicants, property owners, and various agencies/departments, Planning staff have identified significant barriers to development of approved projects and processing of pending projects.

Applicant representatives have provided written correspondence to staff detailing their concerns with the feasibility of implementing the Specific Plan, and highlight their concerns with transportation infrastructure, infrastructure requirements on projects in agricultural-residential areas, and water supply. These three key topics are the focus of the following discussion. Additional

potential challenges such as drainage infrastructure, park and trail development, and extension of sewer are not explored in this report.

Transportation Infrastructure

Existing access to and from the Specific Plan area is provided by system of two-lane roadways laid out in a typical east-west and north-south grid. Elverta Road is the primary east-west movement corridor, whereas Dry Creek Road, 16th Street, and Palladay Road provide for north-south movement. A key issue for many years was whether to rely upon Dry Creek Road as the major north-south connector accessing the plan area or to fund a crossing of the two branches of Dry Creek on 16<sup>th</sup> Street. The 16<sup>th</sup> Street approach was ultimately selected as the preferred approach despite its anticipated higher costs due to development to the north in Placer County and its direct connection to Interstate 80 to the south.

Planned roadway improvements associated with the implementation of the Specific Plan include both on-and off-site facilities. On-site facilities are those meant to provide service to and from neighborhoods. Offsite facilities include roadways designed to improve traffic flow in northern Sacramento County.

The timing of on and off-site transportation infrastructure improvements are prescribed in the conditions provided in Appendix D of the Specific Plan. The timing is based on "triggers" of a certain number of lots recorded within the Specific Plan area. As more maps are recorded, additional transportation infrastructure improvements are required. Applicants have indicated the cost of transportation infrastructure is burdensome, rendering some of the development proposals financially infeasible. In 2016, the Owners Group requested the County amend transportation-related conditions of approval to address this initial concern. That effort initially focused on Condition No. 36, but grew to encompass modifications to conditions related to Regional Parks and Rio Linda/Elverta Recreation and Park District maintenance responsibilities and implementation of the updated Drainage Master Plan. Ultimately, the Owners Group indicated that they would not be able to obtain individual owner's signatures consenting to the proposed modifications, so staff were unable to move forward.

Based on the concerns of applicants in the Specific Plan and similar concerns from property owners in other plan areas, primarily the North Vineyard Station property owners, Sacramento County Department of Transportation (SacDOT) staff requested direction from the Board on how to address the transportation infrastructure challenges.

At a Transportation Mitigation Strategy Workshop held on March 23, 2021, SacDOT presented four potential strategies to the Board including:

- 1) Directing staff to perform an updated traffic phasing analysis to review timing triggers for necessary roadway improvements, assuming roadways would operate within the Level of Service policies prescribed

by the General Plan. Opportunities for a reduced cost burden for developing properties would be evaluated and presented. The updated traffic phasing analysis would result in a uniform set of conditions and transportation infrastructure requirements for all properties. Staff anticipates that this option would require a Major Specific Plan Amendment and possibly Zoning Ordinance Amendments for previously approved projects;

- 2) Subsidizing roadway improvements in the Specific Plan;
- 3) Directing staff to perform an updated traffic phasing analysis to review timing triggers for necessary roadway improvements, allowing for Level of Service "F" (i.e. traffic congestion) in the peak hour for some period of time until improvements become financially feasible to implement. The updated traffic phasing analysis would result in a uniform set of conditions and transportation infrastructure requirements for all properties. Staff anticipates that this option would require a Major Specific Plan Amendment and possibly Zoning Ordinance Amendments for previously approved projects, as well as additional environmental analysis; or,
- 4) Directing staff to develop a dynamic implementation tool and associated implementation strategy to replace the current triggers in the rezone conditions. Staff expects that such changes would require a Major Specific Plan Amendment and a Zoning Ordinance Amendment for participating properties, as well as additional environmental analysis.

During the hearing, the Board endorsed strategies 1 and 2, and did not preclude SacDOT and Planning from considering strategies 3 and 4, if strategies 1 and 2 did not prove to be effective. However, the Board requested that SacDOT and Planning return for consultations before developing a transportation mitigation strategy utilizing the latter options. The Board desired a better understanding of the traffic and environmental consequences of these approaches before directing staff to proceed.

SacDOT is in the early stages of working with property owners and their engineers on a feasibility assessment. The desired outcome will be identifying which triggers may need to be modified, and which strategies are best suited to addressing those challenges. If an appropriate and feasible solution is identified utilizing strategies 1 and 2, staff will prepare the appropriate Updated Transportation Mitigation Strategy, Specific Plan Amendments, Zoning Ordinance Amendments, and environmental documentation, if applicable, to implement said strategy. If staff determines that the only path to a solution is utilizing strategies 3 or 4, staff will report to the Board on the traffic and environmental implications of the potential solution.

*Agricultural-Residential Properties*

There are approximately 277.2± acres of agricultural-residential land available for development in the Specific Plan primarily in the northwest quadrant of the plan area. Many of the agricultural-residential properties are owned by property owners that were non-participants in the development of the Specific Plan.

The RCH Group representing an applicant for the Palladay Road Rezone and Parcel Map project has commented that Planning should conclude, as a minor amendment, that certain owners are not subject to required Specific Plan infrastructure conditions. Their position is that this application should be allowed to move forward because they were a non-participant, they derive no benefit from the Specific Plan and because the Specific Plan is financially infeasible.

This project would divide two properties into four new parcels plus a remainder lot. The project also includes a rezone from AR-5 to AR-2, consistent with the land use designations of the Specific Plan. Currently, the rezone conditions of Appendix D would apply to this project similar to other rezones in the plan area, which creates a significant barrier to development of this agricultural-residential property.

Staff's review of the Specific Plan does not indicate that exempting these properties from the Specific Plan requirements was contemplated and instead shows inclusion is necessary for the installation of infrastructure located on this and other agricultural residential properties. Removal of these properties from the Specific Plan infrastructure condition requirements could have significant implications to the delivery of necessary infrastructure in the more urban-residential areas of the plan. Staff does not recommend modifying the applicability of the Specific Plan requirements for the urban areas of the plan; however, it may be appropriate for agricultural-residential properties in the plan area, which will be subdivided through a parcel map, to have some alternative path forward to allow them to proceed with their development approvals without requiring them to construct extensive and expensive infrastructure improvements.

Some agricultural-residential properties are large enough that they may support subdivision maps. For instance, one agricultural-residential property in the northwest portion of the plan area is approximately 44 acres and, if rezoned to AR-1 consistent with the Specific Plan, could support up to a 44-lot rural, estate subdivision. It is expected that such subdivisions would be subject to the rezone conditions, but it may be appropriate to allow smaller splits through parcel maps (four or fewer lots) to not be subject to the full extent of the rezone conditions.

In order to allow pending and future agricultural-residential development applications to proceed, the Board may consider the following:



- 1) Direct staff to initiate a Major Specific Plan Amendment in which projects that include a parcel map (e.g. four lots or less and not a subdivision map) in the agricultural-residential land use designated area would not be subject to the construction of improvements, but instead could be subject to the dedication of necessary right-of-way, easements, and irrevocable offer of dedications (IODs) as required by the Specific Plan. In addition, these projects could be subject to a fair share payment for future construction of those improvements, or alternatively more urban properties could assume a larger fair share and construction requirements. This approach may require an updated Public Facility Financing Plan and development of a Fee Program and updated technical studies related to transportation and drainage; or,
- 2) Maintain the infrastructure construction requirements for all agricultural-residential properties in the Specific Plan. This approach would necessitate larger, urban-level projects to proceed ahead so they could assume a larger share of the cost burden of installing necessary backbone infrastructure.

### Water Supply

The General Plan's Conservation Element includes an objective to optimize the use of available surface water in all types of water years (wet/normal, dry, and driest years). Conservation Element Policies CO-1 through CO-6 seek to achieve this objective by supporting conjunctive water use and surface water supplies for development. Furthermore, the Community Plan incorporated Policy PF-8 relating to supplemental water supply. Shortly after the Board adopted the Community Plan in 1998, the Rio Linda/Elverta Community Water District (RLECWD) filed a lawsuit against the County of Sacramento. One of the major aspects of the RLECWD's complaint was regarding the phrasing of the initial Policy PF-8 of the Community Plan. The Board approved a Settlement Agreement (Attachment 3) whereby the County agreed to initiate public hearings to consider approval of an amendment to Policy PF-8 by adding clarification to the intent of the policy.

On April 21, 1999, the Board approved Resolution 99-0493 (Attachment 4) amending Community Plan Policy PF-8 to include a recognition that the affected groundwater basin does not merely underlie one project but involves the larger North Area Basin. As long as sufficient supplementary water is delivered into the North Area Basin, or some other equivalent groundwater management program is adopted that protects the long-term sustainable yield of that Basin, urban entitlements can be granted. Policy PF-8 indicates that the granting of entitlements for new growth within the Specific Plan and other comprehensively planned areas will require that the Board finds that either:

- Supplemental water supplies within the boundaries of Sacramento North Area Groundwater Management Authority (SNAGMA) in

sufficient quantities to prevent a long-term net increase in pumping from the proposed development;

OR

- Adoption of an appropriate groundwater management program by SNAGMA to protect the long-term sustainable yield of the groundwater basin underlying the area, and assurance that water use of the new development is consistent with said groundwater program.

It should be noted that today, the Groundwater Sustainability Agency in this area is the Sacramento Groundwater Agency (SGA) as opposed to SNAGMA.

When the Specific Plan was adopted, a mitigation measure (WS-1) was included in the Plan, which requires compliance with Community Plan Policy PF-8. In addition, WS-1 requires compliance with PF-8 to occur prior to entitlements for urban development (e.g. prior to approval of tentative subdivision maps). The Specific Plan identified the Rio Linda/ Elverta Community Water District (RLECWD) as the primary water supplier for the Specific Plan.

The 2016 RLECWD Water Supply Assessment (WSA) for the Specific Plan (Attachment 5) states that water supply in the Specific Plan can be met through a conjunctive use strategy. The WSA more specifically states that:

- The proposed water supply will use groundwater from new wells drilled in or near the Elverta Specific Plan (ESP) area;
- A supplemental surface water supply will be developed in the future to provide increased reliability and flexibility for all RLECWD customers, as well as other water agencies in the Sacramento region;
- Connection fees for all new customers will include fees to support the cost of obtaining the surface water supply and developing the infrastructure to deliver the supply to the service area;
- The ESP distribution system will be designed and constructed by the ESP developers, but inspected and tested prior to acceptance by the District;
- Funding for the system may come from a number of sources, including development impact fees. Supplemental water infrastructure costs for all new connections will be collected through development impact fees (connection fees) from all new development within RLECWD, including the ESP area.

Following the adoption of the Specific Plan, the RLECWD and the Owner's Group conducted regular meetings to discuss a conjunctive use water supply strategy. One option for a supplemental supply was the River Arc project, where the Owner's Group was partially funding RLECWD's participation.

In order to allow projects to move forward and demonstrate compliance with Community Plan Policy PF-8 and Mitigation Measure WS-1, the Board adopted the following findings in September 2016:

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- The Sacramento Groundwater Authority (SGA) has adopted an appropriate Groundwater Management Program (GMP) to protect the long-term sustainable yield of the North Area Basin;
- The proposed water use for the Specific Plan is to be provided by the RLECWD, a signatory and participant of the SGA Joint Powers Authority (JPA), and is subject to the SGA GMP;
- The strategy to supply Specific Plan development with existing groundwater while utilizing funds from a recently approved connection fee increase to pursue alternative, supplemental water sources, is consistent with the SGA groundwater management program.

While the Board findings state that RLECWD was a signatory and participant of the SGA JPA, it is important to note that this is an error as RLECWD was not, and is not, a participant of the JPA. The Board report package from that hearing is attached (Attachment 6).

Since the September 2016 Board hearing, circumstances related to water supply for the Specific Plan have changed. The RLECWD has indicated that supply and infrastructure cannot be funded through the approved connection fee. Furthermore, the Owner's Group is no longer funding the RLECWD's participation in River Arc resulting in RLECWD withdrawing as a partner of the River Arc project. Therefore, there is currently no planned solution for conjunctive water use for the Specific Plan. Given that the circumstances by which the Board finding was made have changed, staff have concerns that the 2016 finding may no longer be applicable.

In further discussions with RLECWD staff, they indicate a willingness to continue to explore alternative solutions including, but not limited to, River Arc. Furthermore, due to changes including the State's enactment of the Sustainable Groundwater Management Act (SGMA), revisions to the WSA may be necessary. In 2014, Governor Jerry Brown signed into law a three-bill legislative package, collectively known as SGMA. It is the policy of the State through SGMA that groundwater resources be managed sustainably for long-term reliability and multiple benefits for current and future beneficial uses. SGMA applies to all California groundwater basins and requires that high- and medium-priority groundwater basins form Groundwater Sustainability Agencies (GSAs) and be managed in accordance with locally-developed Groundwater Sustainability Plans (GSPs). The Elverta Specific Plan is located within the North American sub-basin, which is required to submit a GSP by January 31, 2022, and reach balanced levels of pumping and recharge by 2042. RLECWD staff further noted the inherent economic inefficiency associated with serving new development initially with groundwater and then replacing that existing system with a new surface water system instead of planning for a conjunctive system up-front.

Finally, RLECWD staff was in agreement that the requirement to resolve the issue of the alternative supplemental water supply source could potentially be deferred to the final map stage such that tentative maps could be approved and conditioned to require a Water Service Agreement that addresses alternative supplemental water and financing and phasing of necessary infrastructure.

Staff notes that there is risk in deferring the determination to the final map stage inasmuch as it creates a further expectation that the County will ensure development can be successful and that new owners acquiring maps may not understand the complexities and costs associated with development in this Specific Plan area.

In order for pending development projects to proceed in the Specific Plan area, staff have developed options for the Board to consider.

- 1) Allow tentative maps and associated entitlements to be approved with a condition that the property owner work with the RLECWD in preparing a Water Service Agreement. This option may require an amendment to the Specific Plan and Community Plan to allow entitlements to proceed without the identification of a conjunctive use strategy and for the Board to make new findings that is in compliance with PF-8 can be found if projects are conditioned as such; or,
- 2) Make new findings for PF-8 only after identification of a surface water supply in the appropriate quantities as provided in the Specific Plan. This option will require coordination between a water purveyor and the Owner's group to identify a supplemental water supply and plan for its delivery.

It should be noted that under Option 1, the RLECWD has indicated that a Water Service Agreement must identify a supplemental water supply and provide for phasing and oversizing provisions, reimbursements and credits to the developer for RLECWD facilities that are constructed by the developer, infrastructure funding and finance provisions, and provides for IODs of property to be granted to RLECWD.

Additionally, it is County staff's understanding that the Water Services Agreement with the RLECWD would mean that projects would be conditioned in such a manner that until a surface water source is procured and delivery of surface water to the map area is guaranteed both through agreements and through the installation of required treatment and transportation infrastructure, no final map can be recorded. This outcome is substantially different than the understanding in effect after the 2016 Board hearing where there was an assumption that the payment of fees and reliance on groundwater would be sufficient to allow development to proceed until some future date when surface water would be obtained.

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The above options are not meant to be exhaustive. Other alternative paths forward may also be considered.

Elverta Specific Plan Implementation Challenges Summary

Staff seeks the Board's direction on the implementation challenges related to transportation infrastructure, non-participating/agricultural-residential development projects, and water supply. Staff acknowledges that there are significant barriers to development of the Specific Plan given the extent of traffic, drainage, water, sewer, and other infrastructure needs in the area. The Specific Plan was proposed, and advocated for, by ownership interests that believed the area could develop by utilizing financing mechanisms available to them at the time. However, these identified barriers may indicate that the Specific Plan is not quite ready for development, or would require a significant infusion of County resources to offset infrastructure costs.

Applicant representatives have suggested rescinding the Specific Plan and allowing each development project to proceed independently of one another without the Specific Plan. Rescinding the Specific Plan would not resolve the infrastructure impediments and instead would likely make infrastructure delivery infeasible and result in greater financial burdens on individual projects. This approach would also be inconsistent with the adopted Community Plan and General Plan policies.

Further complicating matters is the fact that there does not appear to be an active, organized owner's group representing the development interests in the Specific Plan area. Without an organized group willing to fund studies and efforts to resolve some of these barriers, the County must make a decision about expending limited resources to address these issues.

**FINANCIAL ANALYSIS**

Should the Board direct staff to perform the necessary studies, research, and coordination to allow for the continued implementation of the Specific Plan, either additional funds need to be allocated to the Office of Planning and Environmental Review (PER) or PER needs to be directed to reallocate current resources. Efforts to complete the work necessary to continue implementing the Specific Plan are not a part of the base budget.

Attachments:

- ATT 1 - Elverta Specific Plan Map
- ATT 2 - Elverta Specific Plan
- ATT 3 - Settlement Agreement
- ATT 4 - Amendment to Policy PF-8 of the Rio Linda and Elverta Community Plan (Board Letter and Resolution 99-0493)
- ATT 5 - Rio Linda/ Elverta Community Water District Water Supply Assessment for the Elverta Specific
- ATT 6 - September 2016 Board report package

SETTLEMENT AGREEMENT

This Settlement Agreement is entered into this 3rd day of February, 1999, by and between the County of Sacramento, a political subdivision of the State of California (hereinafter "COUNTY"), the Sacramento North Area Groundwater Management Authority, a joint powers agency organized and operating pursuant to the provisions of the Joint Exercise of Powers Act (hereinafter "SNAGMA"), and the Rio Linda/Elverta Community Water District, a County Water District organized and existing pursuant to the County Water District Law (hereinafter "DISTRICT").

RECITALS

WHEREAS, the COUNTY and the Cities of Citrus Heights, Folsom and Sacramento have entered into a joint powers agreement ("hereinafter "JPA") to establish the SNAGMA ; and

WHEREAS, the SNAGMA is a joint powers authority formed for the purpose of managing the groundwater basin underlying the area within its boundaries consistent with the JPA; and

WHEREAS, the COUNTY'S approval of the JPA was accompanied by the adoption of a negative declaration pursuant to the California Environmental Quality Act (hereinafter "CEQA"); and

WHEREAS, the DISTRICT has filed a Verified Petition for Writ of Mandate and Complaint for Injunctive Relief in the Sacramento Superior Court (Case No. 98CS02454) against the COUNTY and the SNAGMA challenging the COUNTY'S action in approving the JPA on the basis that CEQA required the preparation of an environmental

impact report in connection with such action (hereinafter "Petition"); and

WHEREAS, the DISTRICT and the COUNTY are involved in a process commonly referred to as the Sacramento Area Water Forum ("Water Forum"); and

WHEREAS, the purpose of the Water Forum has been to provide for a reliable and safe water supply for the region's economic and planned development through the year 2030, and to preserve the fishery, wildlife, recreational and aesthetic values of the lower American River; and

WHEREAS, as part of the Water Forum process, the participants thereto negotiated specific agreements ("Purveyor Specific Agreements") detailing the benefits each participant will receive and what each participant will be committing to; and

WHEREAS, the Working Group of the Water Forum approved a Purveyor Specific Agreement for the DISTRICT, which approval was subsequently withdrawn; and

WHEREAS, the DISTRICT supports revising its Purveyor Specific Agreement to recognize the role of the SNAGMA, as designated within the Water Forum agreements, in protecting the groundwater basin from which the DISTRICT pumps water; and

WHEREAS, the COUNTY has undertaken an effort to revise and update the Rio Linda and Elverta Community Plan to address certain factors and to provide consistency with the COUNTY's General Plan; and

WHEREAS, during the comment period on the Draft Environmental Impact Report regarding the proposed revised and updated Rio Linda and Elverta Community Plan, numerous comments were received concerning consistency with the General Plan policies relating to the provision of conjunctive surface water and groundwater supplies to new urban growth areas; and

WHEREAS, a number of policies were included within the proposed revised and updated Rio Linda and Elverta Community Plan to avoid or lessen any such inconsistency, including a specific policy regarding entitlements for urban development ("PF-8"); and

WHEREAS, the DISTRICT has participated in the environmental review and other processes concerning the development of the proposed revised and updated Rio Linda and Elverta Community Plan and has at all times attempted to revise the proposed language of PF-8; and

WHEREAS, the DISTRICT has filed a Petition for Writ of Mandate in the Sacramento Superior Court (Case No. 98CS01755) against the County challenging the County's action in approving the Environmental Impact Report prepared regarding the proposed revised and updated Rio Linda and Elverta Community Plan; and

WHEREAS, the COUNTY, the SNAGMA and the DISTRICT desire to settle the issues raised in the Petition, together with other related issues, without the necessity of further litigation under the terms and conditions set forth below.



NOW, THEREFORE, in consideration of the mutual promises hereinafter set forth, the COUNTY, the SNAGMA and the DISTRICT agree as follows:

1. INITIATION OF AMENDMENT TO POLICY PF-8 OF THE RIO LINDA AND ELVERTA COMMUNITY PLAN.

(a) The COUNTY shall within thirty (30) days of the approval of this Settlement Agreement by all of the parties hereto initiate a proposed amendment to Policy PF-8 of the Rio Linda and Elverta Community Plan that shall read as follows:

"The County of Sacramento and the Cities of Citrus Heights, Folsom and Sacramento, through a Joint Powers Agreement, have established the Sacramento North Area Groundwater Management Authority ("SNAGMA") to implement a groundwater management program to protect the long-term sustainable yield of the groundwater basin underlying the North Area Basin. In the new growth area in eastern Elverta, and other comprehensively planned development areas, entitlements for urban development shall not be granted until the Board of Supervisors makes one of the following findings: (i) that an agreement between the developer and either the domestic water purveyor serving the area (the Rio Linda/Elverta Community Water District and/or Citizens Utilities Company) or the SNAGMA has been executed which (a) assures that arrangements are in place to deliver supplemental water supplies (i.e., surface water, reclaimed water, etc.) within the boundaries of the SNAGMA in quantities sufficient to prevent a long-term net increase in groundwater pumping resulting from the proposed development and (b) assures that funding is made available to either the domestic water purveyor or the SNAGMA for all costs for delivery of such supplemental water supplies; or (ii) that an appropriate groundwater management program has been adopted by the Sacramento North Area Groundwater Management Agency ("SNAGMA") to protect the long-term sustainable yield of the groundwater basin underlying the area for which an entitlement is sought, and that the water use resulting from such entitlement is subject to and consistent with such groundwater management program. The land use planning process may proceed, and specific plans and rezoning may be approved, prior to this finding being made by the Board of Supervisors."

(b) Upon the initiation of this amendment, the County shall proceed to process such amendment for consideration by the Board of Supervisors in an expeditious manner consistent with the legal procedures applicable to such an amendment. The COUNTY'S initiation of this proposed amendment shall not create any legal obligation on the part of the Board of Supervisors to approve such amendment or otherwise serve to constrain the Board of Supervisor's legislative discretion with respect to this proposed amendment.

2. SUBMITTAL OF PURVEYOR SPECIFIC AGREEMENT FOR WATER FORUM APPROVAL.

(a) The DISTRICT shall, as soon as possible after approval of this Settlement Agreement by all the parties hereto, initiate a proposed amendment to the DISTRICT's Water Forum Purveyor Specific Agreement that shall read as follows:

"(a) The RLECWD acknowledges that decisions on how to maintain the long-term sustainable yield of the North area groundwater basin will be made by the Sacramento North Area Groundwater Management Authority (SNAGMA) with representation of the RLECWD on the SNAGMA's governing board consistent with the joint powers agreement establishing SNAGMA. As the purveyor of municipal and industrial water within its current and future expanded boundaries, RLECWD will construct appropriate facilities to meet its 2030 projected peak period water demand. If SNAGMA determines that it is necessary to acquire surface water for use within SNAGMA's boundaries, the District will cooperate with the Water Forum Successor Effort, SNAGMA, and other affected agencies to obtain the surface water to be used as part of SNAGMA's groundwater management program."

(b) The parties to this agreement shall support the proposed amendment to the DISTRICT's Water Forum Purveyor Specific Agreement. It is understood that this Settlement

Agreement cannot bind the Water Forum to accept this proposed amendment to the DISTRICT's Water Forum Purveyor Specific Agreement. If the Water Forum does not agree to the proposed amendment then the DISTRICT can proceed with the litigation pursuant to paragraph 3(c) hereof.

3. SUSPENSION OF PENDING LITIGATION.

(a) DISTRICT shall suspend any further action in connection with the Petition pending consideration and action on the proposed amendment to PF-8 and the Purveyor Specific Agreement, respectively, by the Board of Supervisors and the Water Forum. Any statutory or other time limits for action related to the Petition shall be tolled during this period.

(b) If action on either the proposed amendment to PF-8 or the Purveyor Specific Agreement is unreasonably delayed, the DISTRICT may provide the COUNTY and SNAGMA with thirty (30) days written notice of its intent to continue its litigation pursuant to the Petition. If the proposed amendment to PF-8 and the Purveyor Specific Agreement are not approved by the end of such thirty (30) day period, this Settlement Agreement shall automatically terminate and DISTRICT shall be free to continue to pursue legal relief pursuant to the Petition.

(c) If the Board of Supervisors acts to deny approval of the proposed amendment to PF-8 or the Water Forum acts to deny approval of the proposed Purveyor Specific Agreement, this Settlement Agreement shall automatically terminate and DISTRICT

shall be free to continue to pursue legal relief pursuant to the Petition.

4. DISMISSAL OF ACTIONS. Upon the County's approval of the amendment of PF-8 and the Water Forum's approval of the Purveyor Specific Agreement, as set forth, respectively, in Sections 1 and 2 above, or in a substantially similar form approved in writing by the DISTRICT'S General Manager and the SNAGMA's Executive Officer, the DISTRICT shall immediately take each of the following actions:

(a) DISTRICT shall dismiss the Petition with prejudice.

(b) DISTRICT shall dismiss its action in Sacramento Superior Court Case No. 98CS01755 with prejudice.

(c) DISTRICT shall file an unconditional withdrawal with prejudice, in the form attached hereto as Exhibit "A", of its protest filed with the State Water County Water Resources Control Board of the Petition for Change to Application Nos. 13370 and 13371 (Permit Nos. 11315 and 11316) which Petition is the subject of the State Water County Water Resources Control Board Notice of Petition Requesting Change published on July 24, 1997.

5. WAIVER OF CHALLENGES IN RELATED MATTERS. Subject to the approvals by the County and the Water Forum described in Section 4 above, the DISTRICT agrees that it shall not commence, continue, finance or voluntarily assist in any way in the prosecution by any other person or entity of any claim, or to otherwise take any action to challenge or contest, (whether by litigation, arbitration or any other means) in connection with

any of the following matters: (a) the County's approval of the Río Linda and Elverta Community Plan that is the subject of Sacramento Superior Court Case No. 98CS01768; (b) the County's approval of the amendment to PF-8 described in Section 1 hereof; or (c) the Central Valley Project Water Supply Contracts Under Public Law 101-514 (Section 206) consisting of the contract between the United States Bureau of Reclamation and the Sacramento County Water Agency, the subcontract between the Sacramento County Water Agency and the City of Folsom, and the contract between the United States Bureau of Reclamation and the San Juan Water District. The Sacramento County Water Agency shall be deemed to be a third-party beneficiary with respect to the provisions of this section and Section 4 above.

6. WAIVER OF CLAIMS. Except for the right to enforce this Settlement Agreement and subject to the approvals by the County and the Water Forum described in Section 4 above, each party shall release and forever discharge the other from and waive any and all claims, demands, controversies, actions, causes of action, obligations, damages, liabilities, costs and expenses of any nature whatsoever, whether at law or in equity, that it ever had, now has, or that it may hereafter have against the other that arise out of the subject matter of the Petition or Sacramento Superior Court Case No. 98CS01755.

7. WAIVER OF UNKNOWN CLAIMS.

(a) Each party understands that it may have sustained damages that arise or may arise out of or relate to either the

subject matter of the Petition or Sacramento Superior Court Case No. 98CS01755 that may not have manifested themselves and that are presently unknown. The waivers and releases in this Settlement Agreement include waivers and releases of any claims for those damages. The waivers and releases in this Settlement Agreement also include waivers and releases of any other claims for unknown or unanticipated injuries, losses, or damages arising out of or relating to either the subject matter of the Petition or Sacramento Superior Court Case No. 98CS01755. Nothing in this section shall either (i) affect or prohibit the parties from enforcing any of the provisions of this Settlement Agreement or (ii) affect or prohibit the DISTRICT from taking, initiating or participating in any administrative or legal action relating to any action taken by the SNAGMA.

(b) Each party further waives, with respect to the Petition and Sacramento Superior Court Case No. 98CS01755, all rights or benefits that it has or may have under section 1542 of the Civil Code of the State of California to the extent it would otherwise apply. Section 1542 reads as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

8. COSTS AND ATTORNEY'S FEES. The waivers and releases in this Settlement Agreement include waivers and releases for costs, expenses and attorney's fees incurred with respect to the

Petition and the other proceedings referenced in Section 4 above.

9. COMPLETE AGREEMENT. The terms of this Settlement Agreement are intended by the parties as a final expression of their agreement and understanding with respect to such terms as are included in this Settlement Agreement, including, but not limited to, all prior agreements or understandings concerning the subject matter of this Agreement, and may not be contradicted by evidence of any prior or contemporaneous agreement. The parties further intend that this Settlement Agreement constitutes the complete and exclusive statement of its terms, and that no extrinsic evidence whatsoever may be introduced to vary its terms in any proceeding involving this Settlement Agreement.

10. AMENDMENTS. No amendment of, supplement to, or waiver of any obligations under the provisions of this Settlement Agreement will be enforceable or admissible unless set forth in a writing signed by the party against which enforcement or admission is sought.

11. DUE DILIGENCE. Each party declares that prior to the execution of this Settlement Agreement, it or its duly authorized representatives have apprized themselves of sufficient relevant data, either through experts or other sources of their own selection, in order that each party might intelligently exercise its judgment in deciding whether to execute, and in deciding on

the contents of, this Settlement Agreement. Each party assumes the risk that facts, other than those facts that are represented or warranted to be true in this Settlement Agreement, may later be found to be other than or different from the facts now believed by it to be true. Each party declares that its decision to execute this Settlement Agreement is not influenced by any representation not expressly set forth in this Settlement Agreement.

12. AUTHORITY TO EXECUTE AGREEMENT. Each party represents that it is duly authorized to enter into this Settlement Agreement, and each person signing on behalf of an entity represents that he or she is duly authorized to sign on behalf of that entity.

13. BINDING ON SUCCESSORS AND ASSIGNS. This Settlement Agreement shall be binding on, and inure to the benefit of, the successors and assigns of the respective parties hereto.

14. INTERPRETATION. It is agreed and acknowledged by the parties hereto that the provisions of this Settlement Agreement have been arrived at through negotiation, and that each of the parties has had a full and fair opportunity to revise the provisions of this Settlement Agreement and to have such provisions reviewed by legal counsel. Therefore, the normal rule of construction that any ambiguities are to be resolved against the drafting party shall not apply in construing or interpreting this Settlement Agreement.

15. WAIVER. The waiver at any time by any party of any of its rights with respect to a default or other matter arising in



connection with this Settlement Agreement shall not be deemed a waiver with respect to any subsequent default or other matter.

16. NOTICES. Any notice, demand, request, consent, or approval that either party hereto may, or is required to, give the other shall be in writing and shall be deemed to have been received three (3) days after being deposited in the United States mail, first class postage prepaid, and addressed as follows:

TO COUNTY:

County Executive  
700 H Street, Room 7650  
Sacramento, CA 95814

TO SNAGMA:

Executive Officer  
Sacramento North Area  
Groundwater Management  
Authority  
5620 Birdcage St., Suite 180  
Citrus Heights, CA 95610


TO DISTRICT:

General Manager  
Rio Linda/Elverta Community Water District  
P.O. Box 400  
730 L Street  
Rio Linda, CA 96573

Either party hereto shall have the right to serve any notice by personal delivery, and change the address at which it will receive such communications by giving fifteen (15) days advance notice to the other party.

Dated: February \_\_, 1999

COUNTY OF SACRAMENTO

By   
Chairperson, Board of Supervisors

APPROVED AS TO FORM:

*John F. Whit*  
County Counsel

Dated: February 10, 1999

SACRAMENTO NORTH AREA GROUNDWATER  
MANAGEMENT AUTHORITY

By *J.P. Alessandri*  
Chairperson, Board of Directors

APPROVED AS TO FORM:

*Robert E. Jalar*  
Authority Counsel

Dated: MARCH 18, 1999

RIO LINDA/ELVERTA COMMUNITY WATER  
DISTRICT

By *Jay O'Brien*  
Chairperson, Board of Directors

APPROVED AS TO FORM:

*Thomas C. Hill*  
DISTRICT COUNSEL

## Message from Twin Rivers Unified Superintendent



Steve Martinez  
E.D. Superintendent

To Staff and the Twin Rivers School Community, A person's true character is often best revealed when they face a great challenge. When the stakes are high and the pressure is mounting, strong people focus on the task at hand. They persevere. They demonstrate a deep dedication to their work and approach every challenge with a spirit of teamwork and collaboration. In essence, they model a great work ethic and inspire those around them.

Next week, our Board of Trustees will celebrate and

thank employees across our organization for the incredible jobs that they have done over the past 14 months, since COVID-19 turned our world around, both at work and personally.

The Board of Trustees and our entire District administrative team have the utmost respect and admiration for our employees, who dedicate their lives to serve our students. TR education professionals have a profound impact on the lives of students -- our future. We are most grateful for the teachers who have tirelessly multi-tasked, striving to continue to teach in new ways, while learning to use technology effectively so they can continue to connect with students in a meaningful way. Our teachers were both teaching and learning all at once, and for those who have done this with a spirit of optimism and compassion, we are deeply grateful.

TR support staff has demonstrated that they are the

globe that holds our organization together. From offering clerical support and answering phones and email to take parent and family questions, to deploying technology, providing students with safe transportation to and from school, preparing and serving nutritious meals, and overseeing COVID-19 testing for staff, our support professionals are vitally important to the District's success.

TR watched our team of dedicated employees pull together and meet the challenges presented by the pandemic. They did not let the twists and turns of the past year keep them from serving students, and for this we are thrilled. To all of our employees, I am proud of you. I am grateful for you. YOU are TR!

All the best,

Steve Martinez, Ed.D.  
Superintendent,  
Twin Rivers Unified

## "Mosquito Fern" Abundant This Year

By Ken Caspans,  
Sacramento County

SACRAMENTO COUNTY, CA (MFG) - Many parkway visitors have noticed a dense fern covering much of the pond at Sailor Bar this year. This floating fern is in the genus Azolla, often called mosquito ferns, and is believed to be native to California.

While non-toxic or otherwise dangerous, a dense population of Azolla can block light from the water and deplete water oxygen

levels as they decompose.

In California, the general consensus is that we have two species present -- Azolla filiculoides, or 'Common Mosquito Fern,' and Azolla microphylla, also known as 'Mexican Mosquito Fern,'" said Carl Rothfels, a biology professor with UC Berkeley. "This latter species is sometimes called Azolla mexicana -- it's not clear whether A. microphylla and A. mexicana are separate species."

Both species of Azolla are thought to be native to California, although they have boom-and-bust population cycles that make them seem like they are invasive. It seems that this year the populations in the Sacramento area are unusually large.

The Department of Regional Parks is currently working with Rothfels to determine why this fern is so abundant this year and what, if anything, we can do to curb its growth. \*

### LEGAL ADVERTISING

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#### Public Hearing on Proposed Rate Adjustments for RLECWD Water Service

The Rio Linda Elverta Community Water District (RLECWD or District) will conduct a public hearing on Monday, June 21, 2021 at 6:30 p.m. to consider recommended adjustments to water service rates.

These rate changes are necessary for compliance with water use efficiency mandates adopted by the State of California (SB 606, AB 1668 and SB 555), and for funding ongoing operation, maintenance, repair costs.

If adopted, the proposed new rates will take effect July 1, 2021, with annual increases each July 1, up to and including July 1, 2025. This notice also describes how to file a protest to this proposed action. All property owners, tenants directly liable for the payment of water service fees, and other interested parties are invited to attend the public hearing and be heard on the matter.

The public hearing will be held Viditor's / Depot Center, 6730 Front Street, Rio Linda, CA 95673. The public may also participate virtually:

Join Zoom Meeting  
<https://us02web.zoom.us/j/83986405040?pwd=MHh0UjRlRlB5ajN5bnJlVWZ5aEpGd09>  
Meeting ID: 839 8640 5040  
Passcode: 123456  
Dial by your location  
(916) 638 0968

Depending on Governor announced timing and changes to public gathering guidelines, which may increase the scope for allowed indoor gatherings, in-person attendance may be accommodated in the Viditor / Depot Center at 6730 Front St., Rio Linda, CA 95673.

The District Board of Directors will hear and consider all testimony as well as all protests against the proposed rate adjustments. At the close of the public hearing, the District's Board of Directors may adopt the new rates if protests against the proposed rate adjustments are not presented by a majority of identified accounts upon which the rates are to be charged (a "majority protest").

A valid protest must contain:  
A description of the property (such as address, or assessor's parcel number, APN) that is sufficient to identify the property.

- Written evidence that supports (if the customer of record for the account) provide copy of utility bill or a statement that the signee is the property owner)
- Only one protest per parcel will be counted.
- Written protests should be mailed or delivered in person to: RLECWD, PO Box 460 Rio Linda, CA 95673. Protests must be received prior to the close of the public hearing on June 21st and can also be delivered to RLECWD staff at the public hearing.

If a majority of water customers submit protests, the proposed rate changes will not be put into place.

A notice was mailed to the District's water customers pursuant to California Constitution Article XIII D (also known as "Proposition 218"). If you have any questions regarding the notice, the rate adjustment or the public hearing - please contact the District's General Manager at GM@RLECWD.COM or phone (916) 991-8891

The Rio Linda News May 7, 2021

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RLECWD  
PO Box 400  
Rio Linda, CA 95673

First Name Last Name  
Number Street  
City, State Zip

**NOTICE OF PUBLIC HEARING TO ADJUST WATER SERVICE RATES AND FEES**  
**Monday, June 21<sup>st</sup>, 2021 at 6:30 pm**  
**at Visitors/Depot Center 6730 Front St Rio Linda, CA<sup>1</sup>**

***Background & Purpose of this Notice***

You are receiving this notice because you are a Rio Linda / Elverta Community Water District (RLECWD or District) water customer, or you own property receiving District services. RLECWD will be considering the adoption of adjustments in the District's water service fees and changes in the water rate structure for the next five years. As described below, the Board of Directors will be holding a Public Hearing on **Monday, June 21, 2021 at 6:30 pm** to consider proposed rate adjustments. The District relies on rates paid by customers to fund the costs of operations, maintenance, and infrastructure improvements. The District provides water service to about 4,600 customers, including homes and businesses.

***Why are rate changes necessary?***

The District is regulated by the State. The State continues to implement mandates to manifest improved water use efficiency. Failing to achieve the State's water use efficiency mandates may result in the District being fined as much as \$10,000 per day. RLECWD's current rate structure is not compatible with State mandates. Additionally, the District is committed to providing quality service and the lowest possible rates for customers. To meet these standards and commitments, the District monitors customers' water consumption trends, the cost of providing water service, and the total operating costs associated with delivering drinking water which meets or exceeds all state and federal standards.

The District recently engaged an independent rate consultant who reviewed the comprehensive cost of providing service and the requirements of new State legislation (California Senate Bills 606 and 555 and Assembly Bill 1668) regarding water conservation and water loss reporting. The rate study report developed by the consultant is available on the District's website. Based on this evaluation, water service fee adjustments are necessary to: (a) enable the District to recover current and projected costs of operations and maintenance; (b) fund capital infrastructure maintenance; and (c) maintain financial stability. Water rate structure adjustments are necessary to comply with the substantive requirements of Proposition 218, water conservation mandates, and legal rulings. If adopted by the District's Board of Directors, the new rates would go into effect July 1 of each year. The first increase would occur July 1, 2021.

***Proposed Water Rate Structure Changes***

RLECWD bills for water service on a bimonthly basis such that each bill reflects two months of water usage. The District's current water service fees are comprised of three components: (1) a fixed charge that is determined based on the size of the meter serving the property; (2) a volume charge that is imposed for each hundred cubic foot (ccf; one ccf is 748 gallons) of water consumed above 6 ccf per billing period; and (3)

two surcharges that fund capital improvements and are billed regardless of water consumption and meter size. Customers participating in the standby fire protection and backflow prevention programs are charged additional fixed bimonthly amounts for these services.

The District is proposing a rate structure that will be compliant with new water use efficiency regulations and will more fairly recover costs from customers. The proposed rate structure does not adjust existing capital surcharges. These surcharges have been obligated for servicing long-term debt for state mandated water capacity improvements and mitigation of Hexavalent Chromium. While the current rate structure features high fixed charges and a low volume rate, the proposed structure is designed with lower fixed charges and higher volume rates. Fixed charges primarily recover the District's fixed costs to maintain and improve infrastructure, including wells, water treatment, and pipelines. The volume rate charged per unit of water consumed primarily recovers the cost of supply and conveyance of water to customers.

RLECWD is proposing a two-tiered volume charge for single family residential customers. The first tier reflects efficient water use at a base level of demand. The second tier reflects water use above 17 ccf bimonthly, which is use in excess of the State's indoor conservation target for a four-person home. The second tier is higher cost because it reflects the increased expenses of providing water at peak demand, including higher pumping costs. Non-residential customers are proposed to have uniform volume rates that apply to all levels of water use. The non-residential volume rates recover the costs of supplying water at both base and peak demand. Previously, the first 6 ccf of water used per billing cycle was included in the fixed charge; however, the proposed adjustment will eliminate this allotment for all customers. Compared to existing rates, low water users will experience bill decreases while high water users will experience bill increases.

The proposed rate structure also includes a set of fees for single family residential inoperable meters. The fees are fixed charges that include the meter fee plus typical water use for cold weather periods (November to April) and warm weather periods (May to October).

***Proposed Bimonthly Water Service Fees***

The current and proposed rates for the District's water service fees are set forth in Table 1. Standby fire protection and backflow prevention charges will only apply to customers in these programs.

After the initial increase and rate structure change on July 1, 2021, water service fees are proposed to increase by about 4% per year each July 1, beginning in 2022 through 2025. Due to the rate structure adjustments, bill impacts will vary based on water meter size and bimonthly usage. High water users will have bill increases, while low water users will have bill decreases. For the average single-family home using 29 ccf of water over two months, the rate adjustment would increase the bimonthly bill (including \$34.80 in existing surcharges) from \$113.29 to \$121.58 after July 1, 2021. For a single family customer with a 5/8" meter, usage up to 22 ccf per bimonthly period would result in a bill decrease, and usage above 22 ccf would result in a bill increase.

The proposed rate structure also includes drought rates, which are provided in Table 2. Drought rates reflect 30%, 40%, or 50% water cutbacks. The drought rates maintain the same rate structure as normal year water rates, with 2 tiers for single family residential customers and uniform tiers for commercial, institutional, and industrial (CII) and irrigation customers. Should a drought occur, customers will be billed the volume rates shown in Table 2 based on the necessary level of water cutback. Fixed charges would remain as shown in Table 1.

**TABLE 1: Current and Proposed Bimonthly Water Rates (Non-drought)**

Meter Size	Current	Proposed				
		July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025
5/8"	\$59.86	\$33.65	\$35.11	\$36.64	\$38.23	\$39.88
3/4"	\$59.86	\$33.65	\$35.11	\$36.64	\$38.23	\$39.88
1"	\$99.77	\$53.11	\$55.42	\$57.83	\$60.34	\$62.94
1.5"	\$199.53	\$101.76	\$106.18	\$110.79	\$115.60	\$120.59
2"	\$319.25	\$160.14	\$167.10	\$174.35	\$181.92	\$189.77
3"	\$698.37	\$345.01	\$360.02	\$375.63	\$391.94	\$408.84
4"	\$1,257.06	\$617.45	\$644.31	\$672.24	\$701.43	\$731.68
Inactive	\$59.86	\$33.65	\$35.11	\$36.64	\$38.23	\$39.88
<b>Single Family Residential Inoperable Meter Fees</b> (fixed bimonthly fee, no additional volume charges; cold weather period is November to April; warm weather period is May to October)						
5/8" - Cold Weather		\$65.88	\$68.73	\$71.80	\$74.95	\$78.18
5/8" - Warm Weather		\$116.04	\$121.29	\$126.52	\$132.07	\$137.94
3/4" - Cold Weather		\$65.88	\$68.73	\$71.80	\$74.95	\$78.18
3/4" - Warm Weather		\$116.04	\$121.29	\$126.52	\$132.07	\$137.94
1" - Cold Weather		\$85.34	\$89.04	\$92.99	\$97.06	\$101.24
1" - Warm Weather		\$135.50	\$141.60	\$147.71	\$154.18	\$161.00
Commercial, institutional, and industrial (CII) and irrigation inoperable meter rates may be based on past average consumption						
<b>Volume Rates \$/ccf *</b>						
Current Rate per ccf (over 6 ccf)	\$0.81					
Single Family Residential						
Tier 1: 0-17 ccf		\$1.65	\$1.72	\$1.80	\$1.88	\$1.96
Tier 2: 17+ ccf		\$2.09	\$2.19	\$2.28	\$2.38	\$2.49
CII ** (all use)		\$1.86	\$1.95	\$2.03	\$2.12	\$2.22
Irrigation (all use)		\$2.13	\$2.23	\$2.33	\$2.43	\$2.54
<b>Standby Fire Protection</b> (Fixed Bimonthly Charge)						
1.5"	\$4.12	\$4.12	\$4.31	\$4.50	\$4.70	\$4.91
4"	\$40.00	\$54.38	\$56.83	\$59.39	\$62.06	\$64.85
6"	\$60.00	\$157.96	\$165.07	\$172.50	\$180.26	\$188.37
8"	\$80.00	\$157.96	\$165.07	\$172.50	\$180.26	\$188.37
<b>Backflow Prevention</b> (Fixed Bimonthly Charge)						
Per device	\$8.33	\$9.00	\$9.27	\$9.55	\$9.84	\$10.14

\* ccf – hundred cubic fee; one ccf = 748 gallons

\*\*CII – commercial, institutional, and industrial

**TABLE 2: Current and Proposed Bimonthly Drought Rates**

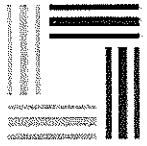
Current	Proposed				
	July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025
<b>Stage 2 Drought: 30% Conservation</b>					
Current Rate per ccf (over 6 ccf)	Volume Rates \$/ccf *				
\$0.92					
Single Family Residential					
Tier 1: 0-17 ccf	\$2.25	\$2.35	\$2.45	\$2.56	\$2.67
Tier 2: 17+ ccf	\$2.88	\$3.01	\$3.14	\$3.28	\$3.43
CII ** (all use)	\$2.66	\$2.78	\$2.90	\$3.04	\$3.17
Irrigation (all use)	\$3.04	\$3.18	\$3.32	\$3.47	\$3.63
<b>Stage 3 Drought: 40% Conservation</b>					
Current Rate per ccf (over 6 ccf)					
\$1.08					
Single Family Residential					
Tier 1: 0-17 ccf	\$2.58	\$2.69	\$2.81	\$2.94	\$3.07
Tier 2: 17+ ccf	\$3.32	\$3.46	\$3.62	\$3.78	\$3.95
CII (all use)	\$3.10	\$3.24	\$3.39	\$3.54	\$3.70
Irrigation (all use)	\$3.55	\$3.71	\$3.88	\$4.05	\$4.24
<b>Stage 4 Drought: 50% Conservation</b>					
Current Rate per ccf (over 6 ccf)					
\$1.29					
Single Family Residential					
Tier 1: 0-17 ccf	\$3.04	\$3.18	\$3.32	\$3.47	\$3.62
Tier 2: 17+ ccf	\$3.93	\$4.10	\$4.29	\$4.48	\$4.68
CII (all use)	\$3.72	\$3.89	\$4.07	\$4.25	\$4.44
Irrigation (all use)	\$4.26	\$4.45	\$4.65	\$4.86	\$5.08

**Public Notice and Majority Protest Process**

In 1996, California voters adopted Proposition 218. The provisions of Proposition 218 provide that certain types of “Property Related Fees” are subject to a “majority protest” process. Under the majority protest process, any property owner or customer of record may submit a written protest for the proposed rate adjustments; provided, however, that only one protest be counted per identified parcel. If protests are filed on behalf of a majority of the parcels subject to the rates before the end of the public hearing on June 21, the District’s Board of Directors cannot adopt the proposed rates.

Any written protest must: (1) state that the identified property owner or customer of record is in opposition to the proposed adjustments; (2) provide the location of the identified parcel (by assessor’s parcel number or street address); and (3) include the name and signature of the property owner or customer of record submitting the protest. Written protests may be submitted by mail addressed to RLECWD PO Box 400 Rio Linda, CA 95673, in person drop box at 730 L St. Rio Linda, CA, or at the Public Hearing on June 21st. Any protest submitted via e-mail or other electronic means will not be accepted.

At the public hearing, the Board of Directors will review the amounts of the rates as well as the methodology for calculating the proposed rates. At the conclusion of the hearing, protests will be counted and validated. If protests are filed on behalf of a majority of the parcels subject to the rates before the end of the public hearing, the District’s Board of Directors cannot adopt the proposed rates. If a majority of the parcels do not protest the proposed increase, the Board has the authority to adopt the proposed rates. If adopted, the rates will not exceed the rates presented in this notice. Any rate change, if enacted, will take effect no earlier than July 1, 2021.



# Rate Design Proposal

2-Tier single family rate structure:

Tier 1: 0 to 17ccf per bimonthly period – 52.5 gallons per capita per day for a 4 person household

Tier 2: use above 17 ccf

Tier 1 = recovers costs for base, average day use

Tier 2 = recovers costs for some base, average day use plus peak use

Peaking costs include engineering, debt service, and capital costs associated with providing service at maximum demands on the system

Commercial, industrial, and institutional (CII) and irrigation are proposed to each have a single rate that recovers costs for both base and peak use. Irrigation customers have high peaking costs.

Fixed charges are reduced

Inoperable meter chares = typical bill for the season (warm or cold weather)





Home Help MY PROFILE Log off

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

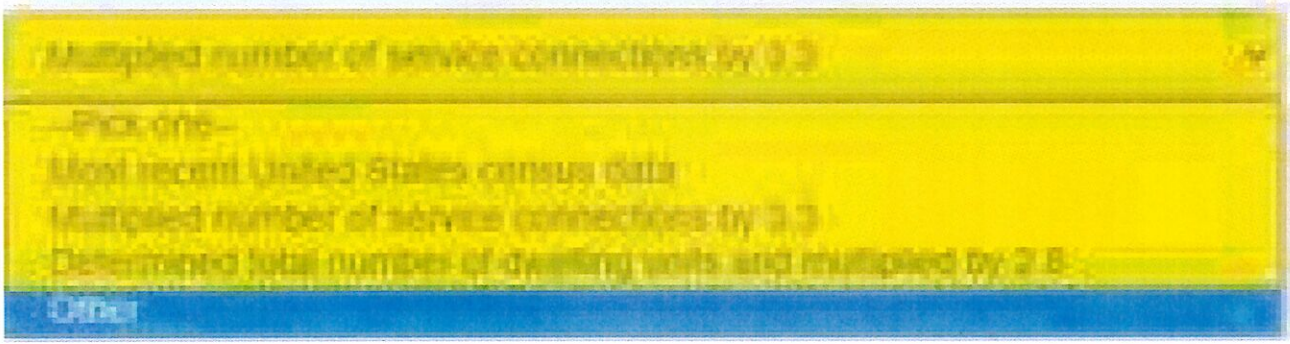
### 3. Population Served

Total Population in DDW Records

Population Type	Population Count	Annual Operating Period			
		Begin Date	End Date	MM	DD
Residential	14381	1	1	12	31
Transient					
Non-Transient					

Method Used to Determine Population

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



AB 1668, Friedman. Water management planning.

(1) Existing law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Existing law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, as specified.

This bill would require the State Water Resources Control Board, in coordination with the Department of Water Resources, to adopt long-term standards for the efficient use of water, as provided, and performance measures for commercial, industrial, and institutional water use on or before June 30, 2022. The bill would require the department, in coordination with the board, to conduct necessary studies and investigations and make recommendations, no later than October 1, 2021, for purposes of these standards and performance measures. The bill would require the department, in coordination with the board, to conduct necessary studies and investigations and would authorize the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. The bill, until January 1, 2025, would establish 55 gallons per capita daily as the standard for indoor residential water use, beginning January 1, 2025, would establish the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, would establish the greater of 50 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use. The bill would impose civil liability for a violation of an order or regulation issued pursuant to these provisions, as specified.

The bill would require the department, in consultation with the board, to propose to the Governor and the Legislature, by January 1, 2020, recommendations and guidance relating to the development and implementation of countywide drought and water shortage contingency plans to address the planning needs of small water suppliers and rural communities, as provided. The bill would require the department, in consultation with the board and other relevant state and local agencies and stakeholders, to use available data to identify small water suppliers and rural communities that may be at risk of drought and water shortage vulnerability, no later than January 1, 2020, and would require the department to notify counties and groundwater sustainability agencies of those suppliers or communities.

(2) Existing law establishes procedures for reconsideration and amendment of specified decisions and orders of the board. Existing law authorizes any party aggrieved by a specified decision or order of the board to file, not later than 30 days from the date of final board action, a petition for writ of mandate for judicial review of the decision or order.

This bill would apply these procedures to decisions and orders of the board issued pursuant to the provisions described in paragraph (1), including existing provisions and those added by this bill.

(3) Existing law requires an agricultural water supplier to submit an annual report to the department that summarizes aggregated farm-gate delivery data using best professional practices.

This bill would require the annual report for the prior year to be submitted to the department by April 1 of each year, as provided, and to be organized by groundwater basin or subbasin within the service area of the agricultural water supplier, if applicable.

(4) Existing law requires an agricultural water supplier to prepare and adopt an agricultural water management plan with specified components on or before December 31, 2012, and to update

those plans on or before December 31, 2015, and on or before December 31 every 5 years thereafter. Existing law requires the agricultural water supplier to submit copies of its plan to specified entities no later than 30 days after the adoption of the plan, and requires the department to prepare and submit to the Legislature, on or before December 31 in the years ending in 6 and one, a report summarizing the status of the plans.

This bill would revise the components of the plan and additionally require a plan to include an annual water budget based on the quantification of all inflow and outflow components for the service area of the agricultural water supplier and a drought plan describing the actions of the agricultural water supplier for drought preparedness and management of water supplies and allocations during drought conditions.

The bill would require an agricultural water supplier to update its agricultural water management plan on or before April 1, 2021, and thereafter on or before April 1 in the years ending in 6 and one. The bill would require an agricultural water supplier to submit its plan to the department no later than 30 days after the adoption of the plan. The bill would require the department to review an agricultural water management plan and notify an agricultural water supplier if the department determines that it is noncompliant, as provided. The bill would authorize the department, if it has not received a plan or determined that the plan submitted is noncompliant, to contract with certain entities to prepare or complete a plan on behalf of the agricultural water supplier.

The bill would require an agricultural water supplier to submit copies of its plan to specified entities no later than 30 days after the department's review of the plan. The bill would require the department to submit its report summarizing the status of the plans to the Legislature on or before April 30 in the years ending in 7 and 2.

(5) This bill would make its operation contingent on the enactment of SB 606 of the 2017–18 Regular Session.

SB 606, Hertzberg. Water management planning.

(1) Existing law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Existing law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, as specified. Assembly Bill 1668 of the 2017–18 Regular Session, if enacted, would require the State Water Resources Control Board, in coordination with the Department of Water Resources, to adopt long-term standards for the efficient use of water and would establish specified standards for per capita daily indoor residential water use.

The bill would require an urban retail water supplier to calculate an urban water use objective no later than November 1, 2023, and by November 1 every year thereafter, and its actual urban water use by those same dates. The bill would require an urban retail water supplier to submit a report to the department for these purposes by those dates. The bill would authorize the board to issue information orders, written notices, and conservation orders to an urban retail water supplier that does not meet its urban water use objective, as specified. The bill would authorize the board to waive these requirements for a period of up to 5 years, as specified.

The bill would impose civil liability for a violation of an order or regulation issued pursuant to these provisions, as specified. The bill would also authorize the board to issue a regulation or informational order requiring a wholesale water supplier, urban retail water supplier, or distributor of a public water supply to provide a monthly report relating to water production, water use, or water conservation.

(2) Existing law establishes procedures for reconsideration and amendment of specified decisions and orders of the board. Existing law authorizes any party aggrieved by a specified decision or order of the board to file, not later than 30 days from the date of final board action, a petition for writ of mandate for judicial review of the decision or order.

This bill would apply these procedures to decisions and orders of the board issued pursuant to the provisions described in paragraph (1), including existing provisions and those added by this bill.

(3) Existing law, the Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan. The act requires an urban water supplier to update its plan once every 5 years on or before December 31 in years ending in 5 and zero, the act requires the submission of a 2020 plan update by July 1, 2021. The act requires an urban water management plan, among other things, to describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for an average, single-dry, and multiple-dry water years. The act requires that an urban water management plan provide an urban water shortage contingency analysis that includes, among other things, an estimate of the minimum water supply available during each of the next 3 water years based on the driest 3-year historic sequence for the agency's water supply.

This bill would revise and recast these provisions. The bill would require an urban water management plan to be updated on or before July 1, in years ending in 6 and one, incorporating updated and new information from the 5 years preceding the plan update. The bill would require each plan to include a simple lay description of specified information to provide a general understanding of the agency's plan. The bill would require an urban water management plan to

contain a drought risk assessment, as defined, that examines water shortage risks for a drought lasting the next 5 consecutive years.

The bill would require an urban water supplier to prepare, adopt, and periodically review a water shortage contingency plan, as prescribed, and as part of its urban water management plan. The bill would require a water shortage contingency plan to consist of certain elements, including, among other things, annual water supply and demand assessment procedures, standard water shortage levels, shortage response actions, and communication protocols and procedures. The bill would require an urban water supplier to make the water shortage contingency plan available to its customers and any city or county within which it provides water supplies no later than 30 days after adoption.

The bill would require an urban water supplier to conduct an annual water supply and demand assessment and submit an annual water shortage assessment report to the department with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions consistent with the supplier's water shortage contingency plan by June 1 of each year. The bill would require an urban water supplier to follow, where feasible and appropriate, the procedures and implement determined shortage response actions in its water shortage contingency plan.

(4) The act requires an urban water supplier to submit copies of its urban water management plan and copies of amendments or changes to the plan to certain entities, including the department, no later than 30 days after adoption, as prescribed. The act requires the department to prepare and submit a report summarizing the status of plans adopted pursuant to the act to the Legislature on or before July 1, 2022, for the 2020 plan, and on or before December 31 in the years ending in 6 and one thereafter, and to provide a copy of the report to each urban water supplier that has submitted its plan to the department.

This bill would require an urban water supplier, if it revises its water shortage contingency plan, to submit to the department a copy of its water shortage contingency plan no later than 30 days after adoption. The bill would require an urban water supplier regulated by the Public Utilities Commission to include its most recent urban water management plan and water shortage contingency plan as part of its general rate case filings.

The bill would require the department to prepare and submit the report about plans adopted pursuant to the act to the Legislature on or before July 1 in the years ending in 7 and 2. The bill would require the department to prepare and submit to the board, on or before June 1 of each year, a report summarizing the submitted water supply and demand assessment results along with appropriate reported water shortage conditions developed by the department and information regarding various shortage response actions implemented as a result of water supply and demand assessments, as prescribed.

(5) Existing law makes an urban water supplier that does not prepare, adopt, and submit its urban water management plan to the department as prescribed ineligible to receive certain water grant and loan funding.

This bill would instead make an urban water supplier ineligible to receive any water grant or loan unless the urban water supplier complies with the requirements relating to urban water management plans.

(6) Existing law authorizes the governing body of a distributor of a public water supply to declare a water shortage emergency condition to prevail within the area served by the distributor whenever it finds and determines that the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply of the distributor to the extent that there would be insufficient water for human consumption, sanitation, and fire protection.

This bill would instead require the governing body of a distributor of a public water supply to declare a water shortage emergency condition whenever it finds and determines the above-described circumstances. The bill would require an urban water supplier to coordinate with any city or county within which it provides water supply services for a possible proclamation of a local emergency.



## **Information Items**

### **Agenda Item: 5.2**

**Date:** May 17, 2021

**Subject:** Board Reports

**Staff Contact:** Timothy R. Shaw, General Manager

#### **5.2 BOARD REPORTS**

1. Report ad hoc committee(s) dissolved by requirements in Policy 2.01.065
2. Sacramento Groundwater Authority – Harris (Primary), Reisig
3. Sacramento Groundwater Authority (with RWA and SCGA) 3x3-Reisig
4. Executive Committee – Green, Reisig
5. ACWA/JPIA –Ridilla
6. Sacramento County LAFCo, Special Districts Advisory Committee - Reisig

**Minutes**  
**Rio Linda / Elverta Community Water District**  
**Executive Committee**

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May 3, 2021

Attendance: The meeting was called to order at 6:00 P.M. The meeting was attended by Director Reisig (via Zoom), Director Green (via Zoom), General Manager Tim Shaw (via Zoom) and Contract District Engineer Mike Vasquez (via Zoom).

**Call to Order:** 6:00 P.M.

**Public Comment:** None (no public members attended)

**Items for Discussion:**

1.	Update from Contract District Engineer.
	<i>The Contract District Engineer presented his report and augmented the written report in subject matter items for Fox Hollow, Well 16, Pipe Replacement project and Land Area Measurement (LAM) report review. The General Manager emphasized that the District has a time sensitive response due to Dept. of Water Resource on our review of the LAM report. The District does not own any software needed to review the report and (as stipulated in the April 5<sup>th</sup> Executive Committee, needs support from EKI to perform the required review of the LAM. The Contract District Engineer indicated he would reach out to the General Manager "tomorrow" (5-4-2021) to navigate the logistics.</i>
2.	Discuss the "2020" Urban Water Management Plan (UWMP) for RLECWD.
	<i>The Contract District Engineer presented this item and summarized his written report. The Executive Committee discussed the pros and cons for completing/submitting a 2020 Urban Water Management Plan (UWMP)</i>  <i>The Executive Committee forwarded this item onto the May 17<sup>th</sup> Board agenda with the Executive Committee's recommendation that the Board direct staff to begin the steps necessary to engage a professional services provider for drafting a 2020 UWMP.</i>
3.	Discuss the RLECWD population served methodology in context with water use efficiency reporting/enforcement.
	<i>The General Manager presented this item and summarized his written report.</i>  <i>The Executive Committee directed the General Manager to include similar information in the General Manager's monthly report of activities included with the May 17<sup>th</sup> board documents.</i>
4.	Status report for ongoing rates adjustment contemplation.
	<i>The General Manager presented this item and summarized his written report. The Executive Committee discussed the Prop 218 notice and the newspaper announcement for the public hearing.</i>  <i>The Executive Committee directed the General Manager to include similar information in the General Manager's monthly report of activities included with the May 17<sup>th</sup> board documents.</i>
5.	Review and comment on the draft minutes of the April 19 <sup>th</sup> RLECWD Board meeting.
	<i>The General Manager presented this item and summarized his written report. Director Reisig provided a few corrections (typos) and the District Engineer pointed out that "Qual" should be "Fox".</i>  <i>The Executive Committee forwarded this on to the May 17<sup>th</sup> Board agenda with the Committee's recommendation for Board approval.</i>
6.	Discuss the proposed Sacramento County Board of Supervisors workshop on Elverta Specific Plan.
	<i>The General Manager presented this item and provide updates regarding the scheduled (tentatively)</i>



*Sacramento County Board of Supervisors workshop, Sacramento County Staff is now looking at June and July dates. The Executive Committee discussed the documents associated with this item , which were included with the Committee packets.*

*Although there is no RLECWD Board action anticipated or required for this item, the Executive Committee forwarded this item onto the May 17<sup>th</sup> Board agenda to allow for discussion among the other Board members.*

7. Discuss the doubtful recovery debt, customer accounts deemed infeasible to collect.

*The General Manager presented this item. The Executive Committee discussed the annual process of declaring specific accounts to be doubtful recovery. Director Reisig asked if the attention and general effort for funding revenue losses caused by COVID-19 warrants delaying the Board declaration to enable recovery of debt this year under unusual circumstances.*

*The Executive Committee directed staff to reach out to CSDA and our independent auditor to see if there are any lessons learned, guidance, or dos/don'ts associated with doubtful recovery and COVID-19 revenue relieve funding.*

*Subject to the responses from CSDA and/or our auditor, the Executive Committee forwards this item onto the May 17<sup>th</sup> Board agenda with the Committee's recommendation for Board approval.*

8. Review and discuss the expenditures of the District for the month of March 2021.

*The Executive Committee forwarded the expenditures report onto the May 17<sup>th</sup> Board agenda with the Committee's recommendation for Board approval.*

9. Review and discuss the financial reports for the month of March 2021.

*The Executive Discussed the Financial Reports. Director Reisig asked for general essence of the CERBT report included in the packets. The General Manager explained the benefits of pre-funding the District's retiree medical insurance obligation and further indicated he would send Director Reisig the presentations and reports the Board considered when it approved the investment platform (prior to Director Reisig's appointment to the Board.*

*The Executive Committee forwarded the Financial Reports onto the May 17<sup>th</sup> Board agenda with the Committee's recommendation for Board approval.*

**Directors' and General Manager Comments:** *The General Manager advised that he intends to have an item on the May 17<sup>th</sup> Board agenda to consider approving a Lactation Accommodations policy. The Policy is required by State law and the elements in the policy are rather boilerplate, i.e. not much discretionary content.*

#### **Items Requested for Next Month's Committee Agenda**

**Adjournment:** 7:57 P.M.

Region 4 ACWA Membership Meeting – May 6, 2021.

#### Highlights

1. The drought.
2. 2020 Drinking Water needs assessments. Not sure if we could qualify for any grant funding based on our risk factor. (packet attached)
3. Priority issues – Water Loss standard will be updated by the State (packet attached.)

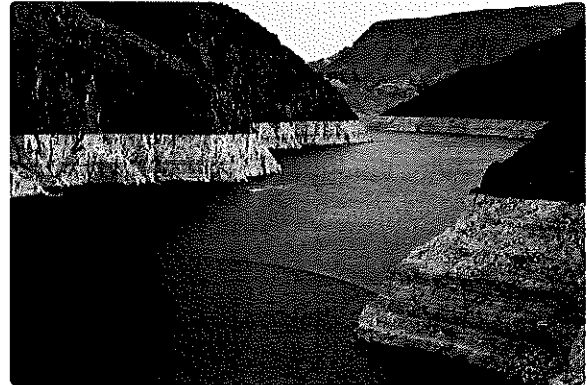


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# DROUGHT

APR 21, 2021

California has experienced many periods of drought and weather extremes, which due to climate change, are occurring more frequently. Governor Newsom expanded his Drought Proclamation May 10, 2021 to include Klamath River, Sacramento-San Joaquin Delta and Tulare Lake Watershed counties. There are now a total of 41 counties under a targeted State of Emergency due to drought.



The initial Drought Proclamation was released April 21, 2021 and included Mendocino and Sonoma counties. Both proclamations include specific actions to further coordination and partnerships to prioritize drought response and preparedness throughout the state. As California enters its second dry year and conditions within the state shift, more counties may be added to the proclamation.

Newsom also announced his \$5.1 billion budget proposal to bolster the state's drought and water resilience, including investments in water infrastructure and \$1 billion in federal Rescue Plan Act funds to help Californians pay their water bill debt due to the financial impacts of COVID-19.

Water and wastewater agencies continue to prepare by utilizing lessons learned from the 2012-'16 drought. ACWA member agencies continue to support local investments in water supply resilience and continue to make water efficiency a California way of life so the state is always prepared for these climactic extremes. ACWA and its member agencies are also advocating for state and federal funding to improve aging water infrastructure to ensure a more reliable, resilient water supply.

## 2021 Updates

5/10/21: Gov. Newsom announces \$5.1 billion plan for water infrastructure, drought response and \$1 billion to help Californians pay overdue water bills.

5/10/21: Gov. Newsom extends Drought Proclamation to include 41 counties

4/21/21: Gov. Newsom releases Drought Proclamation declaring State of Emergency in Mendocino & Sonoma County

4/1/21: DWR April 1 snow survey show critically dry year

3/30/21: ACWA releases Drought Toolkit for members

3/23/21: DWR lowers initial State Water Project allocations from 10% to 5%

3/23/21: U.S. Bureau of Reclamation announces South-of-Delta agricultural repayment and water service contractors will have delayed access to water allocation

3/15/21: California Natural Resources Agency releases 2012-2016 Drought Report

2/5/21: State Water Board releases "Water Rights Drought Effort Review"

February: State Water Board releases "Recommendations for an Effective Water Rights Response to Climate Change"

## Water Use Efficiency

## Member Agency Efforts

## Toolkits

## Resources

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# WATER USE EFFICIENCY

MAY 13, 2020

In 2018, the California Legislature enacted two key policy bills—Senate Bill 606 and Assembly Bill 1668—to implement a new framework for long-term water conservation and drought planning for water suppliers. The two bills provide new and expanded authorities and requirements that affect water conservation and drought planning for water supplies, agricultural water suppliers, and small water suppliers and rural communities.

The Department of Water Resources (DWR), the State Water Resources Control Board (SWRCB), and other state agencies are currently implementing the legislation and developing data, information, guidelines and other technical assistance to help realize the bill's intended outcomes. ACWA continues to engage on this issue through the Water Use Efficiency Work Group. Members interested in participating can contact ACWA Regulatory Relations Manager Chelsea Haines.

More information on requirements, timelines and resources is available below. Also, check out ACWA's recently released water loss fact sheet [here](#).

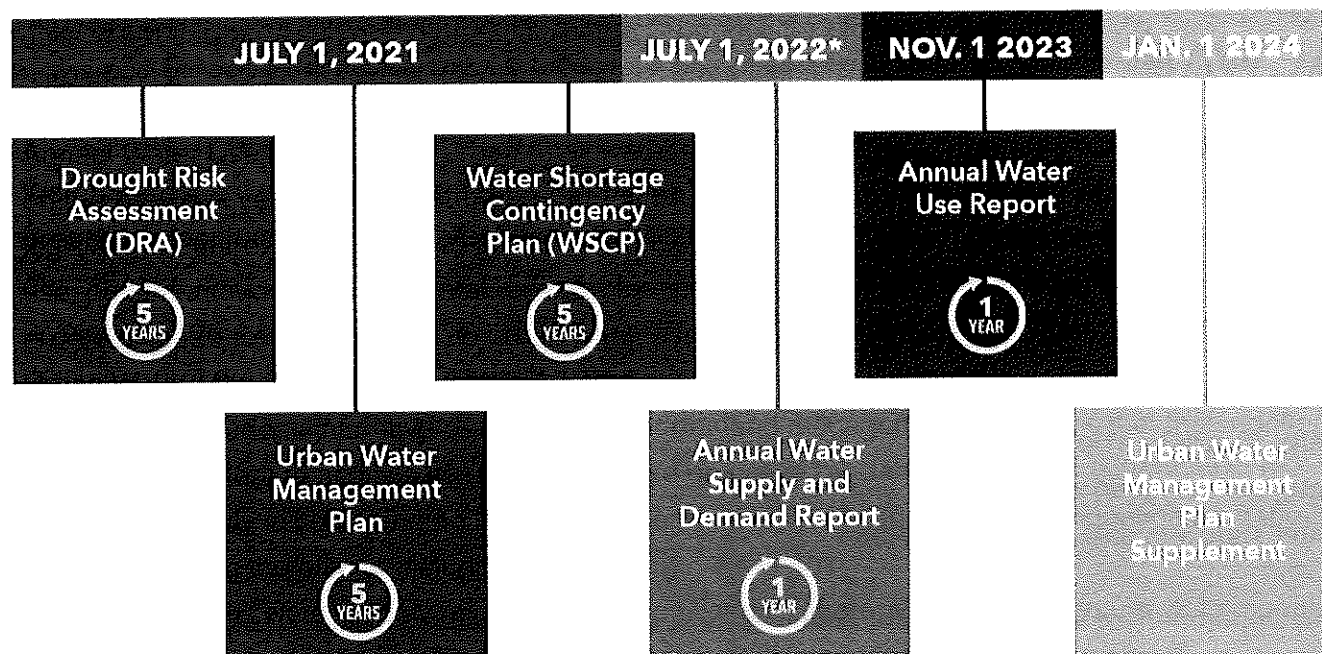
## Updates

## Urban Water Use Objective

## Urban Water Use Standards

## Reporting Requirements

Below is a timeline of the requirements for urban water suppliers. More detailed descriptions can be found [below](#).



\* An urban water supplier that relies on imported water from the SWP or Bureau of Reclamation shall submit its annual water supply and demand assessment by July 1 or within 14 days of receiving its final allocations, whichever is later.

**Annual Water Use Report:** Each urban retail water supplier (URWS) submits an annual report to DWR on the previous year's urban water use. For the preparation of the annual water use report, the legislation requires the calculated urban water use report for the previous year, active urban water use, documentation of implementation of performance measures for CII water use, description of progress made toward meeting an urban water use objective, and relevant supporting data.

**Urban Water Management Plan (UWMP):** URWSs must submit to DWR a supplement to its 2020 UWMP that includes a narrative describing water demand management measures that the supplier plans to implement to achieve its urban water use objective by Jan. 1, 2027. The UWMP must be submitted by July in years ending in 1 and 6, incorporating updated and new information from the 5 years preceding the plan to include:

Description of its water supply reliability conditions and its strategy for meeting future water supply reliability needs to provide a general understanding of its plan for overall urban water management.

If its water supply is subject to the Sustainable Groundwater Management Act (SGMA), then the UWMP must include the current version of any Groundwater Sustainability Plans and actions taken by the supplier to achieve sustainable groundwater conditions.

**Water Shortage Contingency Plan (WSCP):** Each urban wholesale and retail water supplier must prepare, adopt, and submit a Water Shortage Contingency Plan (WSCP) as part of UWMP to describe the method, procedures, response actions, enforcement and communications during six levels of water supply shortage conditions. Content requirements include: analysis of water supply reliability, procedures used for conducting an annual water supply and demand assessment, six

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standard water storage levels of equivalent, shortage response actions, communication protocols and procedures, customer compliance, enforcement, appeal, and exemption procedures, legal authority, financial consequence, monitoring and reporting requirements and procedures, and reevaluation and improvement procedures.

**Drought Risk Assessment (DRA):** Each urban water supplier must conduct a DRA as part of its UWMP to assess water supply reliability (or vulnerability) for a period of drought lasting five consecutive water years starting the year following when the assessment is conducted, and considering both historical drought hydrology and reliability of each source of supply.

**Annual Water Supply and Demand Report:** The annual water supply and demand assessment is the basis for the urban water supplier's annual water shortage assessment report to DWR. The report must include information on anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions as described in the WSCP.

## Agricultural Water Use

## Small Systems & Rural Communities

## Member Agency Efforts

## Resources

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# ACWA UPDATE ON PRIORITY ISSUES

A high-level look at recent ACWA activity and initiatives.



APRIL 2021

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## Federal Investments in Water Infrastructure

Last month, the Biden Administration released a fact sheet for the American Jobs Plan, a piece of the Build Back Better initiative. ACWA joined a national coalition of more than 200 agriculture organizations and urban and rural water districts in encouraging the Administration and Congressional leaders to bolster water infrastructure provisions. The American Jobs Plan focuses on the need for resilient infrastructure against climate change and support for disadvantaged communities and rural America. The plan outlines \$111 billion for drinking water infrastructure; \$50 billion for various drought, wildfire and agricultural resources management infrastructure investments; \$45 billion for lead pipe cleanup; and \$10 billion in funding to monitor and remediate PFAS in drinking water.

ACWA also sent a joint letter with national water associations to the U.S. Department of the Treasury to advocate for the swift rollout of funding made available for water infrastructure in the recently passed American Rescue Plan. ACWA signed onto a coalition letter sent March 19 to the California Congressional Delegation on the urgent need for long-term low-income water rate assistance funding and investments for water infrastructure. The letter urges leaders to include funding as part of any new federal water or infrastructure-related Congressional actions for long-term water affordability and for Clean Water and Drinking Water State Revolving Funds. All three letters are available at [www.acwa.com/resources](http://www.acwa.com/resources).

ACWA is closely tracking the development of an infrastructure package this Congress and will continue to participate in coalitions that advocate for investment in water infrastructure.

## STAFF CONTACT

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[davidr@acwa.com](mailto:davidr@acwa.com)

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## ACWA-Sponsored SB 323 (Caballero)

ACWA-sponsored SB 323 passed out of the Senate Government and Finance Committee on March 25, following a hearing in which ACWA staff and members testified in support. The bill passed out of the committee on a 4-1 vote and is scheduled to be heard by the Senate Judiciary Committee on April 20. The bill would improve financial stability for public agencies by creating a 120-day statute of limitations for legal challenges to water and sewer service rates. It comes as water and wastewater agencies have faced increased litigation from ratepayers over whether agency rates comply with Proposition 218 and other existing laws. More than 80 organizations have joined ACWA's coalition in support of the bill. A fact sheet with more information about the bill is available at [www.acwa.com/resources](http://www.acwa.com/resources).

## STAFF CONTACT

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## Climate Bond Proposals

ACWA staff testified with a support-if-amended position on two climate resilience bond proposals that are currently advancing through the state Legislature and could be headed for the June 2022 ballot. SB 45 (Portantino) passed the Senate Natural Resources and Water Committee on March 16 with a 7-2 vote in favor. The bill would place a \$5.5 billion General Obligation Bond on the ballot. SB 45 has been re-referred to the Senate Committee on Budget and Fiscal Review. Another bond proposal, AB 1500 (E. Garcia), passed the Assembly Water, Parks and Wildlife Committee on April 8. The bill would place a \$6.7 billion bond measure on the ballot and will be heard next by the Assembly Natural Resources Committee. ACWA has a support-if-amended position on both bills.

ACWA, with input from the State Legislative Committee's Bond Working Group, sent a letter March 9 requesting amendments to SB 45 to add funding for water-related climate resilience projects that help provide a reliable water supply during drought and flood. The letter requests funding for conveyance, dam safety, groundwater protection and sustainable groundwater management, flood management, integrated regional water management and safe drinking water for disadvantaged communities, as well as water quality and water reuse. The full comment letter is available at [www.acwa.com/resources](http://www.acwa.com/resources).

## STAFF CONTACT

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## Water Affordability (SB 222 and SB 223)

ACWA's State Legislative Committee has taken an oppose-unless-amended position on SB 222 (Dodd) and an oppose position on SB 223 (Dodd).

SB 222 (Dodd) would require the Department of Consumer Services and Development to create an overly broad and costly water and wastewater affordability program that would likely be implemented in part by public water systems. ACWA believes a water and wastewater low-income rate assistance program, designed in a reasonable, efficient and effective manner and funded with a progressive funding source, is the right approach. SB 223 (Dodd) would require urban and community water systems to determine if they could, using non-rate revenue, provide arrearage management plans as specified. If the systems found that they could do so, they would be required offer plans that include forgiveness of the entire balance of a customer's unpaid water debt if the customer enters into the arrearage management plan. The bill would re-write the restrictions on discontinuation of residential water service that the enactment of SB 998 (Dodd, 2018) put into place.

Separate from SB 222 and SB 223, ACWA, along with other statewide associations, is seeking state funding to help public water and wastewater agencies assist customers, who have been financially impacted by COVID-19, with water and wastewater debt.

### STAFF CONTACT

For SB 222

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For SB 223

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## State Water Board Water Rights Updates

On March 31, ACWA submitted comments to the State Water Resources Control Board on its draft "Recommendations for an Effective Water Rights Response to Climate Change." The report identifies potential approaches for an effective water rights response to climate change and recommends changing specified aspects of future water rights applications and other procedures to include more climate change considerations. ACWA's comments address the need to improve climate change understanding while avoiding the creation of uncertainty for water rights holders and applicants. The full comment letter is available at [www.acwa.com/resources](http://www.acwa.com/resources).

### STAFF CONTACT

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## Lead and Copper Rule

The U.S. Environmental Protection Agency (EPA) announced last month that it is extending the effective date for the recently revised Lead and Copper Rule (LCR) to allow time for more public input. To achieve this goal, EPA issued two notices regarding the LCR. The first extends the LCR effective date from March 16, 2021 to June 17, 2021. The second notice proposes to extend the effective date an additional six months to Dec. 16, and extend the compliance deadline from Jan. 16, 2024 to Sept. 16, 2024. EPA opened a 30-day comment period and ACWA submitted comments on April 12. The full comment letter will be available at [www.acwa.com/resources](http://www.acwa.com/resources).

EPA also recently announced it will be hosting virtual engagements beginning this month to receive further public input on EPA's LCR revisions. EPA is particularly interested in obtaining feedback from individuals and communities that are most at-risk of exposure to lead in drinking water. Public listening sessions are scheduled for April 28 and May 5 from 10 a.m. to 10 p.m. (ET). Those who cannot attend these sessions may submit written comments by June 30. More information is available at [www.epa.gov/safewater](http://www.epa.gov/safewater).

### STAFF CONTACT

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## PFAS Regulatory Determination

The U.S. Environmental Protection Agency (EPA) on March 11 published the proposed fifth Unregulated Contaminant Monitoring Rule (UCMR 5) for public water systems and announced corresponding public meetings. The UCMR 5 was initially on hold due to a regulatory freeze issued on the first day of the Biden Administration. After further review, EPA determined that the UCMR 5 is consistent with EPA's efforts to address PFAS in drinking water and published the proposed rule in the Federal Register. The proposed UCMR 5 would require public water systems to collect national occurrence data for 29 PFAS and lithium.

There is a 60-day comment period with comments due on May 10. EPA also hosted two identical virtual public meetings on April 6 and 7 and ACWA provided comments during the meetings.

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## California Water Commission

The California Water Commission (Commission) is currently assessing a state role in financing conveyance projects that could help meet needs in a changing climate. The Commission expects to release a draft white paper this month for state policymakers that will describe the essential criteria for resilient water conveyance projects, the potential benefits of such projects and the implications of various financing options. The whitepaper is expected to be finalized mid-2021.

ACWA submitted comments to the Commission on Feb. 17 calling for state investment for conveyance projects and detailing a wide range of benefits that would stem from greater state investment. ACWA staff also met with Commission staff on March 15 to discuss ACWA's recommendations and next steps. The full comment letter is available at [www.acwa.com/resources](http://www.acwa.com/resources).

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## Safe and Affordable Drinking Water Fund Implementation

The State Water Board hosted a workshop on April 13 to release the results of its Needs Assessment for the Safe and Affordable Funding for Equity and Resilience (SAFER) program. State Water Board staff provided an overview of the results of the risk assessment, cost assessment and affordability assessment. ACWA will continue to engage with the State Water Board on the implementation of the Safe and Affordable Drinking Water Fund to help ensure that the \$130 million per year for the program can achieve the results that it was intended to achieve.

### STAFF CONTACT

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## Water Loss Updates

The State Water Board is expected to release a revised draft economic model for the development of water loss standards. The revision follows a recent independent peer review of the draft material and is in anticipation of the formal rulemaking for the development of water loss standards in the following months. ACWA has been working in coordination with a coalition to advocate in support of improvements to the economic model and additional policy considerations to ensure that water agencies can successfully meet the standards. The water loss standards will be included as part of urban retail water agencies water use objectives. ACWA is asking water agencies to review their draft performance standards for feasibility and cost-effectiveness.

### STAFF CONTACT

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## Proposed Clean Fleets Regulation

ACWA recently provided comments to the California Air Resources Board (CARB) on the proposed Clean Fleet Rule. The proposed rule would require public agencies to purchase zero emission vehicles for their medium and heavy duty fleet vehicles as early as 2024. ACWA's comments focus on ensuring that water and wastewater agencies can maintain critical public services while striving to help the state reach its climate goals. The full comment letters are available at [www.acwa.com/resources](http://www.acwa.com/resources).

### STAFF CONTACT

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## Upcoming Event - Visit [www.acwa.com/events](http://www.acwa.com/events) for more

- **ACWA 2021 Virtual Spring Conference and Exhibition** - May 12-13

# SAFER: 2021 Drinking Water Needs Assessment Results

Kristyn Abhold

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State Water Resources Control Board

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## Failing Water Systems: Human Right to Water (HR2W) List

- 7,800 Public Water Systems
- HR2W list is updated quarterly on State Water Board website.
- Currently there are 331 (as of today) failing water systems
- **On average, 90% of Violations Occur in Water Systems Serving Less than 500 connections**



## SB 200 and the SAFER Program

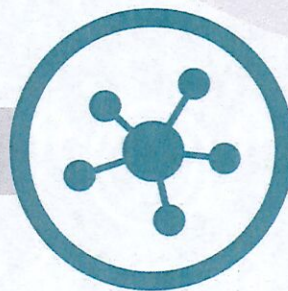
In 2019, to advance the goals of the Human Right to Water “HR2W”, California passed Senate Bill 200, which enabled the State Water Board to establish the **Safe and Affordable Funding for Equity and Resilience (SAFER) Program**.



Safe and Affordable  
Drinking Water Fund



Data Collection  
& Analysis



Consolidation &  
Regional Solutions



Administrators



Technical Assistance  
& Capacity Building

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# Needs Assessment Components



## Risk Assessment

Systems  $\leq$  3,300 conn.; K-12 Schools; SSWS, & DWs



## Cost Assessment

HR2W & At-Risk Systems and Domestic Wells



## Affordability Assessment

DAC/SDAC Community Water Systems

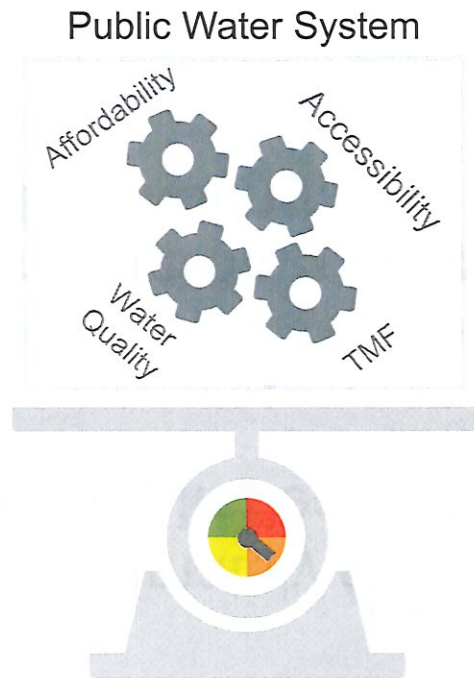
[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/needs.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/needs.html)

## The Challenge

Approximately **47** unique water systems come on the **HR2W (failing) list** each year.

To be proactive, the State Water Board needed to develop an **early warning approach** to identify water systems that are **at-risk of failing**.

# Risk Assessment for Public Water Systems



## RISK ASSESSMENT METHODOLOGY



### 19 RISK INDICATORS

Quantifiable measurements of key data used to assess a water system's risk of becoming non-compliant with water quality standards.



### RISK INDICATOR THRESHOLDS

Values associated with a risk indicator that designates when a water system is more at-risk of becoming non-compliant with water quality standards.



### WEIGHTS / SCORES

Application of weight to each risk indicator and indicator category – some are more critical than others in contributing to overall risk.



## Risk Indicators

Final list of **19 risk indicators** selected from **129 proposed risk indicators** through a stakeholder driven process.

### WATER QUALITY

E. Coli Presence

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Increasing Presence of Water Quality Trends Towards MCL

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Treatment Technique Violations

---

Past Presence on the HR2W List

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Maximum Duration of High Potential Exposure (HPE)

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Percentage of Sources Exceeding an MCL

### ACCESSIBILITY

Number of Sources

---

Absence of Interties

---

Water Source Types

---

DWR – Drought & Water Shortage Risk Assessment Results

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Critically Overdrafted Groundwater Basin

### AFFORDABILITY

% Median Household Income

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Extreme Water Bill

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% Shut-Offs

### TMF CAPACITY

# of Service Connections

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Operator Certification Violations

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Monitoring and Reporting Violations

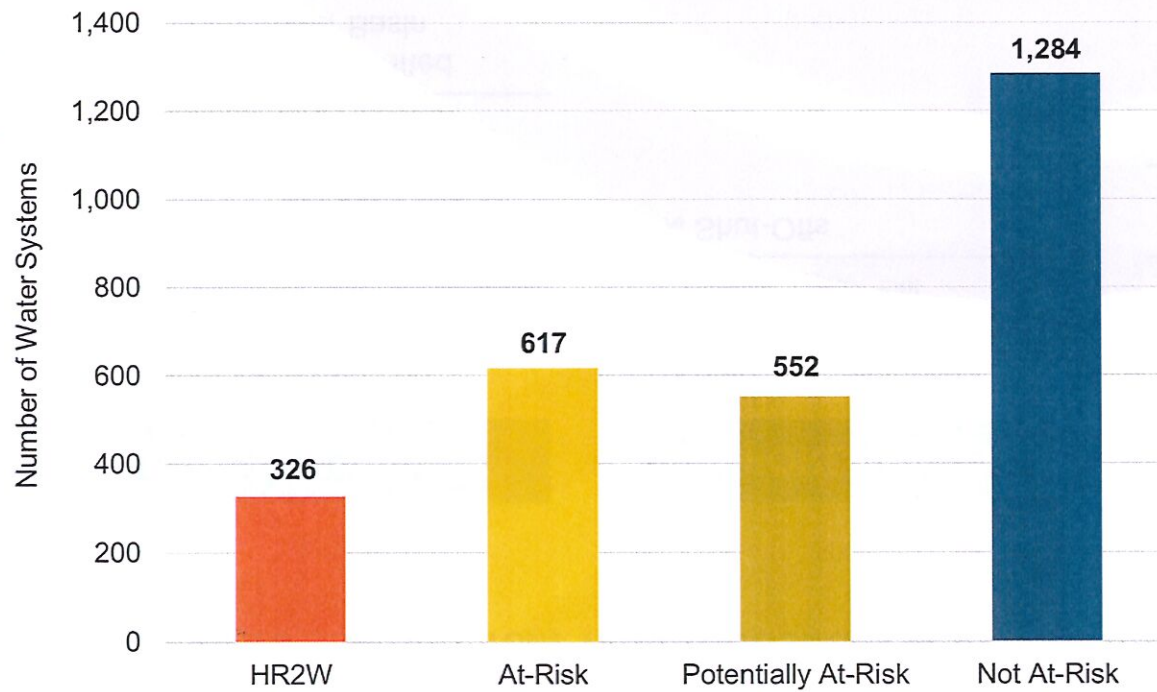
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Significant Deficiencies

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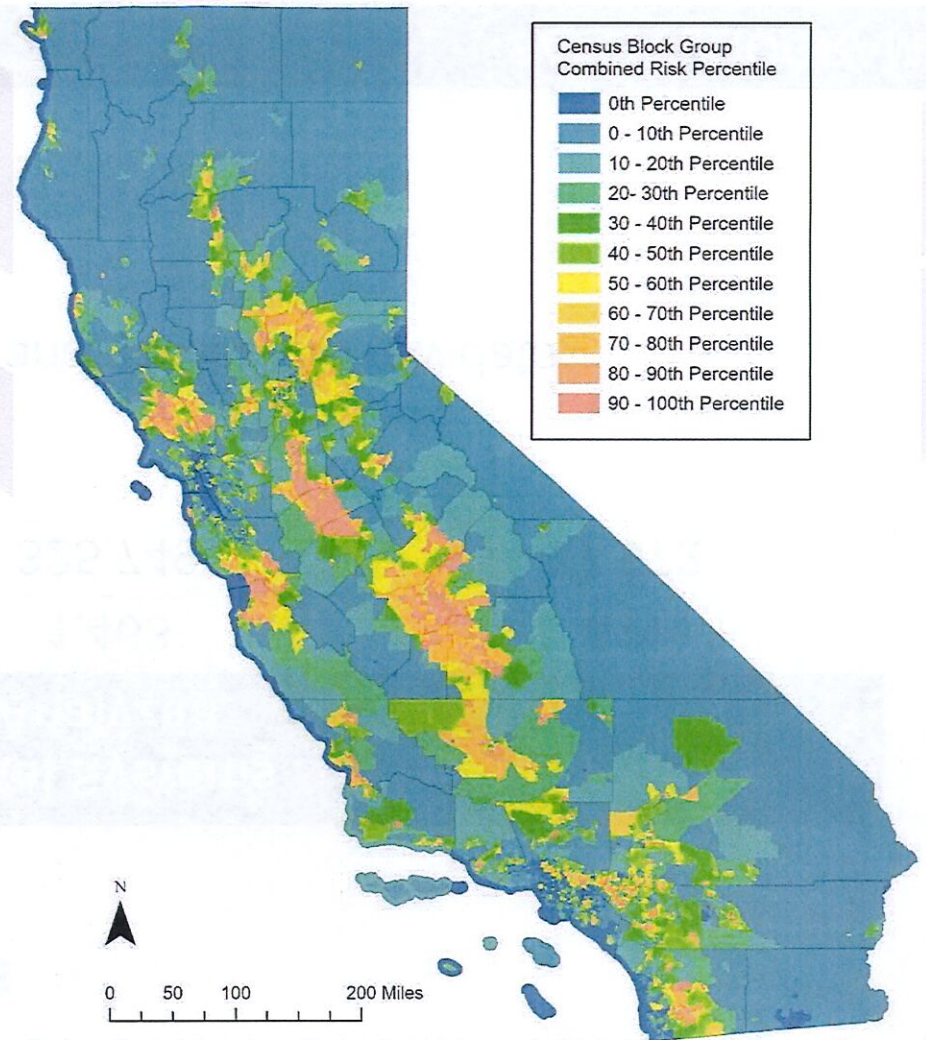
Extensive Treatment Installed

## Statewide Risk Assessment Results (n=2,779) Public Water Systems ( $\leq 3,300$ connections) & K-12 Schools



## Risk Map for State Small Water Systems & Domestic Wells

Combines water quality results with density of state small water systems and domestic well users to estimate overall source water risk.



## Risk Assessment Results for State Small Water Systems & Domestic Wells

System Type	Total Systems Analyzed	# of At-Risk Systems
State Small Water Systems	1,463	611
Domestic Wells	325,749	77,972

Explore the **Aquifer Risk Map** online and access the raw data:

<https://bit.ly/323KFEZ>

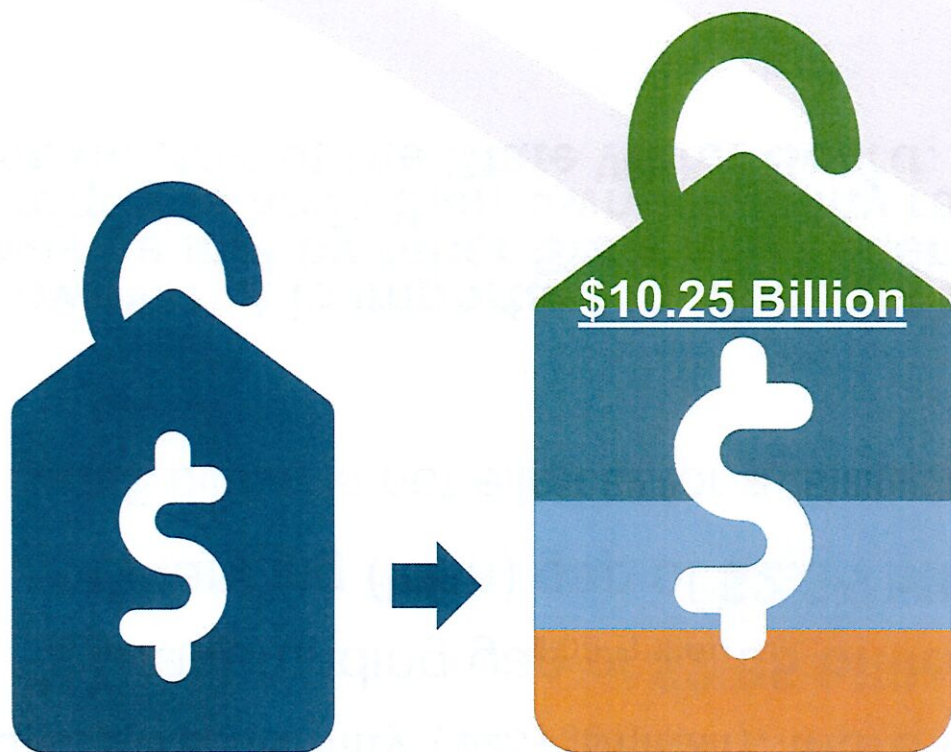
## ACWA Region 4 Snapshot

County	HR2W (Failing PWSs) 5/3/2021	At-Risk PWS	At-Risk State Small Water Systems	At-Risk Domestic Wells
Sacramento	4	17	0	686
San Joaquin	7	28	18	3,813
Solano	0	3	2	264
Stanislaus	17	19	22	5,696
Yolo	2	5	2	726
<b>TOTAL:</b>	<b>30</b>	<b>72</b>	<b>44</b>	<b>11,185</b>

## Number of Selected Model Solutions by System Type

System Type	# of Systems	Treatment	Physical Consolidation	POU/POE	Other Essential Infrastructure & Technical Assistance	No Solution
<b>HR2W List</b>	305	138 (45%)	61 (20%)	106 (35%)	305 (100%)	0
<b>At-Risk PWS</b>	630	N/A	145 (23%)	N/A	630 (100%)	0
<b>At-Risk SSWS</b>	455	N/A	142 (31%)	303 (67%)	N/A	10 (2%)
<b>At-Risk Domestic Wells</b>	62,607	N/A	25,696 (41%)	36,911 (59%)	N/A	0

## Developing Refined 5-Year Cost Estimates



Total 5-Year Unrefined Long-Term & Interim Solution Costs

Total 5-Year Refined Long-Term & Interim Solutions Costs

**Grant\* Eligible Costs: \$3.25 Billion**  
Solution implementation costs potentially covered by SWB.

\*Includes DWSRF & other SWB Grants

**Local Cost Share = \$7 Billion**  
Solution implementation costs borne by water system customers and private well owners.

- **\$4.05 Billion** Eligible for SWB DWSRF Loans
- **\$2.95 Billion** Not Eligible for DWSRF Loans (capital costs, includes O&M, interest payments)

## Funding and Financing Gap Analysis Results Summary

When compared to the 5-year State Water Board grant and loan funds availability (\$2.7 billion), there is a:

- Grant funding gap of **\$2.05 billion**; and
- Financing (loan) gap of **\$2.55 billion**.
- \$2.95 billion is not eligible for a State Water Board loan or grant.

**However; it is important to highlight that some of these needs may be met by other State and Federal funding programs. These programs have their own eligibility requirements and are outside the control of the State Water Board.**



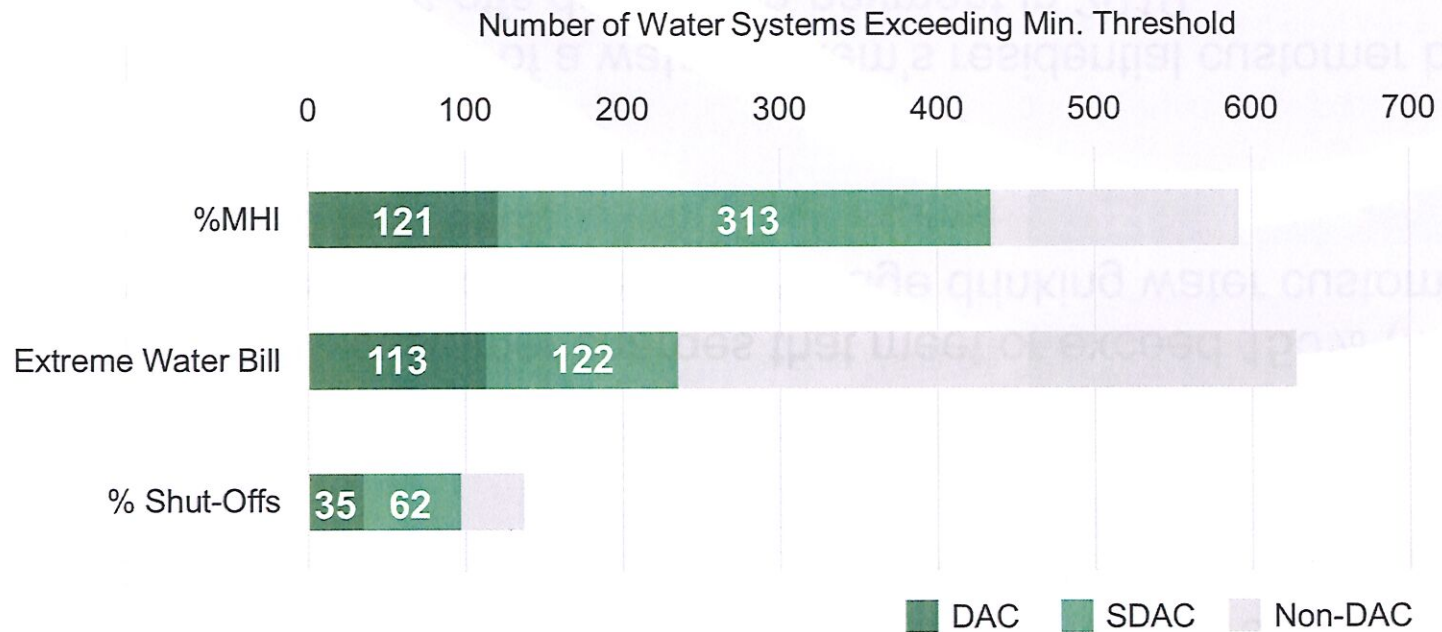
## Affordability Indicators and Thresholds

**% Median Household Income:** average residential customer charges for 6 hundred cubic feet per month meet or exceed 1.5% (min. thresholds) or 2.5% (max. threshold) of the annual Median Household Income within a water system's service area.

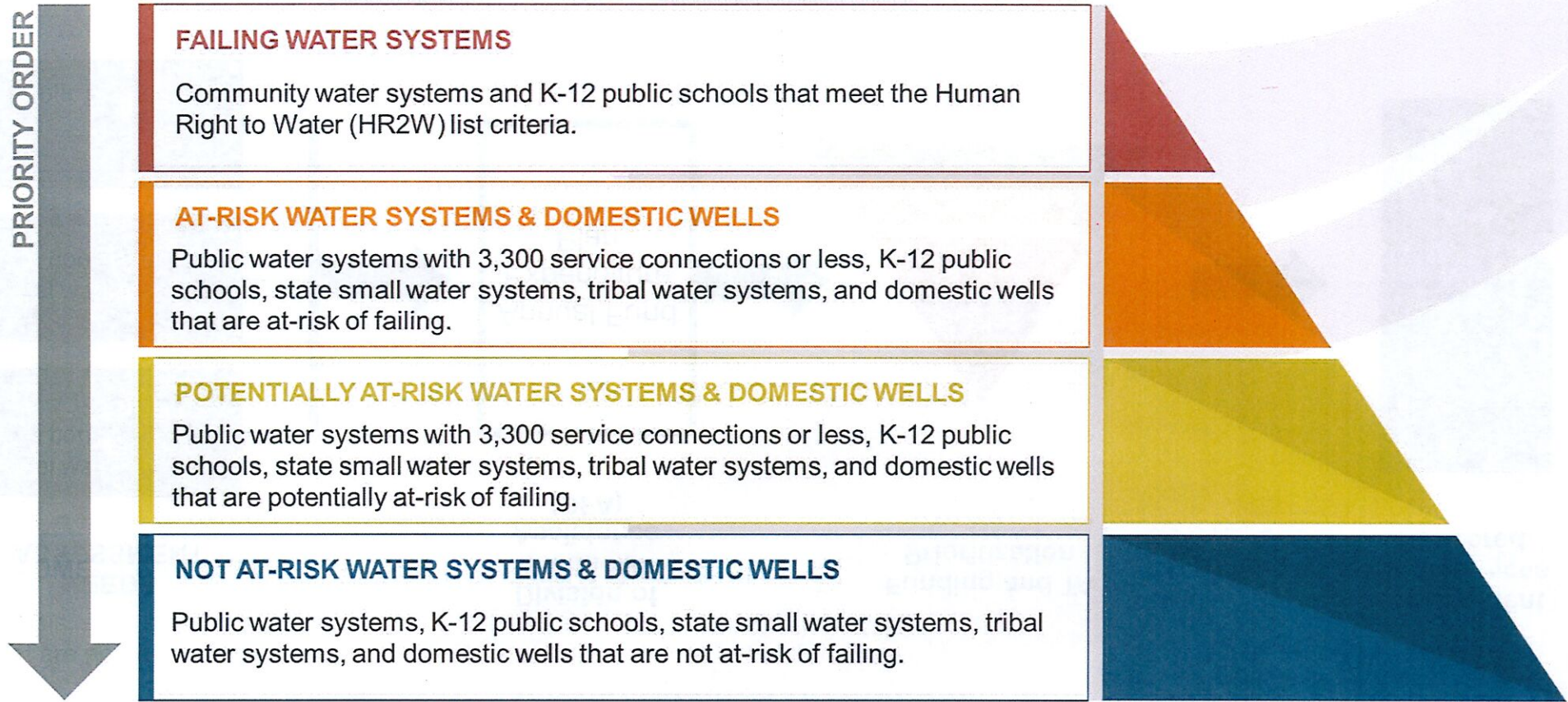
**Extreme Water Bill:** customer charges that meet or exceed 150% (min. threshold) or 200% (max. threshold) of statewide average drinking water customer charges at the 6 hundred cubic feet level.

**% Shut-Offs:** 10% or more of a water system's residential customer base experienced service shut-offs due to non-payment in 2019.

## Results per Affordability Indicator, Exceeding Min. Affordability Threshold



# SAFER Program Priority Systems

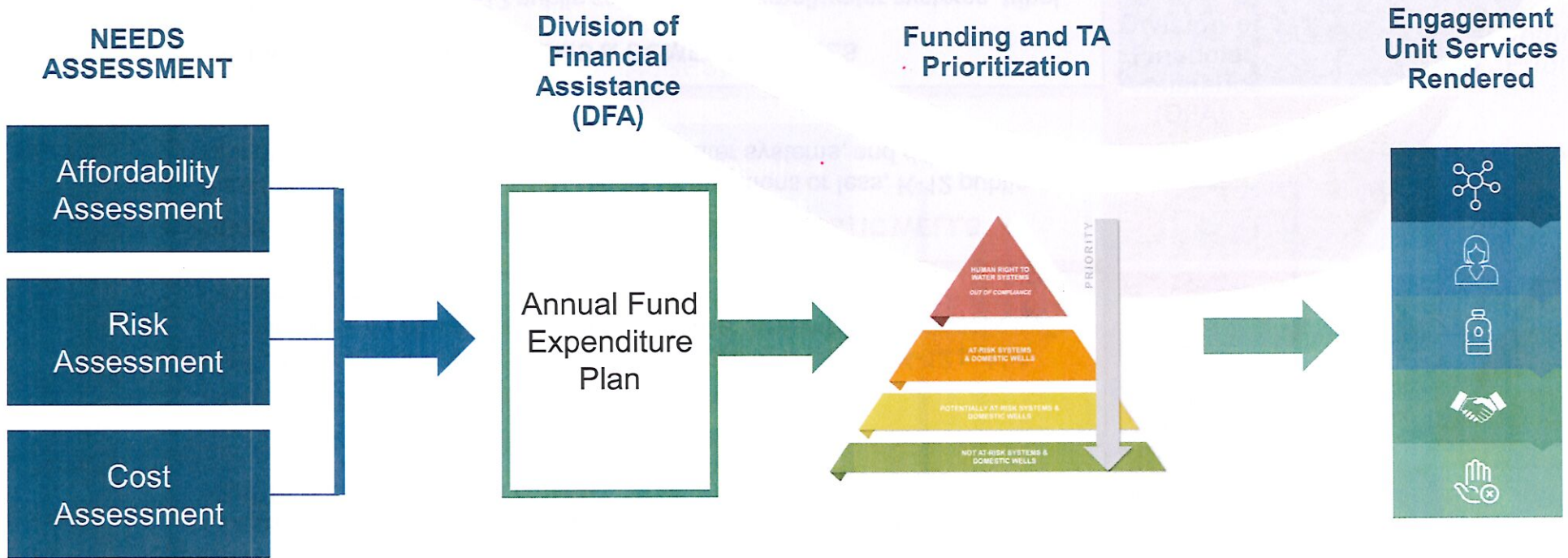


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# Needs Assessment Uses



# Access the Full Needs Assessment Report

California Drinking Water Needs Assessment

Needs Assessment Core Components:

- Risk Assessment
- Cost Assessment
- Affordability Assessment

In 2020, to advance the goals of the Human Right to Water (HRTW), California passed Senate Bill 203, which enabled the State Water Board to establish the Safe and Affordable Funding for Equity and Resilience (SAFER) Program. Foremost among the tools created for SAFER is the Safe and Affordable Drinking Water Fund. The Fund provides up to \$150 million per year through 2030 to enable the State Water Board to develop and implement sustainable solutions for underperforming drinking water systems. The annual Fund Expenditure Plan prioritizes projects for funding, documents past and planned expenditures, and is "based on data and analysis drawn from the drinking water Needs Assessment."

For more information on SAFER, visit the Safe and Affordable Fund for Equity and Resilience (SAFER) website.

NEW

2021 Needs Assessment | Risk Assessment | Cost Assessment & Gap Analysis | Affordability Assessment | Data

2021 Drinking Water Needs Assessment

2021 Drinking Water Needs Assessment Results

- Final Report
  - Executive Summary
  - Request Water System Data Change

04-09-2021 Press Release

04-12-2021 Presentation (coming soon) Register Here

04-13-2021 Webinar Recording (coming soon) Register Here

SAFER Needs Assessment Results, Thursday, 05th March 2021, 9:00 a.m. - 12:00 p.m. PDT  
The Webinar has been rescheduled on Tuesday, April 13, 2021, 9:00 a.m. - 12:00 p.m. PDT Register Here  
Revised Notice | Aviso Revisado

Quick Links

- Capacity Development
- SAFER Program
- SAFER Funding
- Human Right to Water Information
- Human Right to Water Map
- UIC Small System Rates Dashboard
- Public Drinking Water General Information

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Translation

If you need assistance with this webpage in Spanish, please contact Mandy Roman at (916) 341-5265 or at LanguageServices@waterboards.ca.gov.

Si necesita asistencia en español con esta página web, puede contactar a Mandy Roman al (916) 341-5265 o en LanguageServices@waterboards.ca.gov.

Access report here:

<https://bit.ly/3mA2yK>

Learn more about the Needs Assessment here:

[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/needs](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/needs)