



**DECLARATION OF A QUORUM**

James Bissell, President - Stefaniya Becking, Vice President - John Boyle, Treasurer - Ken Brown, Secretary  
Gunnar Thordarson, Member

**BOARD MEETING**

*Public comments on agenda items will be limited to 3 minutes or otherwise at the discretion of the Board Chair.*

**PUBLIC FORUM**

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction provided the matter is not on the agenda or pending before the Board.

**BOARD BUSINESS**

**1. The Board will consider adoption of the November 21, 2016 Board Meeting minutes**

**2. Operations Report – General Manager**

**3. Financial Report – General Manager**

3.1 P&L and Balance Sheet Reports - Discussion and Possible Action Item

3.2 Accounts Payable Report - Discussion and Possible Action Item

3.3 A/R & Aging Reports – Discussion

**4. Board Member Reports**

Materials related to any item on this Agenda are available for public inspection in the District Office at 441 Creekside Drive, Bear Valley, CA 95223 during normal business hours. Information on materials in the agenda is also available on the Bear Valley Water District website at <http://www.bearvalleywater.org>, subject to staff's ability to post the documents before the meeting. Any material provided to the legislative body at the meeting by agency staff or a member of the legislative body will be available at the public meeting, documents provided by others will be available right after the meeting.

This agenda shall be made available upon request in alternative formats to persons with a disability, as required by the Americans with Disabilities Act of 1990 (42USC, #12132) and the Ralph M. Brown Act, CA Government Code # 54954.2.

Any persons requesting a disability related modification or accommodation in order to participate in the meeting should contact Judi Silber at 209-753-2112, during regular business hours, at least 72 hours prior to the meetings. All regular meetings are held on the third Monday of the month at 9:00 A.M.



**MINUTES  
REGULAR BOARD MEETING**

**DECLARATION OF A QUORUM**

President James Bissell opened the meeting at 9:32 A.M. Directors present were Vice President Stefaniya Becking, Treasurer John Boyle, and Secretary Ken Brown. Absent with notice was Director Gunnar Thordarson. Staff present were General Manager Jeff Gouveia and Office Manager Judi Silber. No public was present.

*Public comments on agenda items will be limited to 3 minutes or otherwise at the discretion of the Board Chair.*

**PUBLIC FORUM**

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction provided the matter is not on the agenda or pending before the Board.

**BOARD BUSINESS**

**1. The Board will consider adoption of the September 19, 2016 Board Meeting Minutes**

Motion Boyle Second Becking to accept the September 19<sup>th</sup>, 2016 minutes with the correction of striking the sentence that states "The District shall use at least one authorized broker/dealer to advise the District on investments."

ALL AYES; MOTION CARRIED

ABSENT: THORDARSON

**2. Operations Report – General Manager**

**1. Collections, Treatments, & Disposal Operations – Update**

a. Current storage volume = 7067.0 = 6.7 MG

b. Volumes – Storage, Capacity & Disposal

Influent Flows were .677MG in October. 1.653 MG transferred to PR. Land application for September was 2.059 MG.

**2. Permit Compliance & Monitoring & Reporting Programs (MRPs) – Update**

a. WDR MRP – Land Discharge Permit – Compliance & Reporting Update

SMR / DMR Reports were submitted on time. State Board mentioned manganese as a potential issue down the road. We will need to watch salinity for an impact on the groundwater. Human activity has contributed to the buildup salts to the basin for over 100+ years.

- 2<sup>nd</sup> Tri-Annual Groundwater Report Submitted October 24<sup>th</sup>.  
3<sup>rd</sup> Tri – Annual Groundwater Sampling Event October 20<sup>th</sup> – report due January 31<sup>st</sup>.
- b. NPDES MRP – Surface Water Discharge Permit – Compliance & Reporting Update
- i. R5-2016-0054 Compliance & Evaluation Inspection on October 3, 2016 went well. There were no violations and everything was in order.
  - ii. R5-2016-0054 - Self Monitoring Report had no violations.
  - iii. R5-2016-0054 – Revised Analytical Methods Report was resubmitted on November 1<sup>st</sup>.  
GM received a letter from the California Water Boards dated 29 September 2016. CVWB staff reviewed the Analytical Methods Report and found it was not adequate in certain areas. GM responded to the letter from Kari Holmes, P.E., Senior Water Resource Control Engineer. There were 2 – 3 elements that were omitted on the original report. Corrections were made and resubmitted.
  - iv. R5-2016-0054 – Updated Dilution/Mixing Zone Study  
The new permit has much fewer requirements for reporting. The state gave us dilution credits on the new permit, but required that we redo the Dilution/Mixing Zone Study. They are concerned with the impact on PH on the receiving water. The work plan must be submitted by Feb. 1<sup>st</sup>. Stantec bid \$5,900 to complete the work plan. GM budgeted \$4,500 under direction from Stantec which had neglected to consider the PH component of the study. He estimated that the Dilution / Mixing Zone Study will cost the district \$32,000 – \$34,000. The emphasis on the next study will be on PH and alkalinity. The state wants to know we have included everything in our work plan. GM will schedule the dilution study in the spring. We now need to determine which year. The state requires a 20 to 1 dilution ratio. The last mixing zone study we had a 9 – 1 dilution. GM has spoken to James Marshall of the state water board and he stated that the Dilution / Mixing Zone Study must be re done. There was also discussion from GM as to the correct approach to the political concerns to discharging water into Bloods Creek. The board supported the \$5,900 bid by Stantec to do the work plan.
3. Other
- a. Sprayfield Land Purchase  
GM received a letter on October 6<sup>th</sup> stating that the district is on a waiting list. Jose Hernandez of the Stanislaus National Forest said that they have pushed the project as far as they are able.
  - b. F&M Bank Loan – Interest Rate /Refinance Review.  
GM stated that there is a 4% prepayment penalty on the loan. The District has already paid a prepayment penalty the last time that we refinanced this loan.
  - c. Sierra Business Council – BVWD Case Study on Energy Efficiency Upgrades  
Sierra Business Council is using the district as a case study in a presentation that they are giving Alpine County.

### **3. Financial Report – General Manager**

- 3.1 P&L and Balance Sheet Reports - Discussion and Possible Action Item  
Motion Becking Second Boyle to accept the P & L and Balance Sheet as presented with a percentage correction on the Net Operational Income.  
ALL AYES; MOTION CARRIED  
ABSENT: THORDARSON
- 3.2 Accounts Payable Report - Discussion and Possible Action Item  
Motion Becking Second Boyle to accept the Accounts Payable Reports as presented.  
ALL AYES; MOTION CARRIED  
ABSENT: THORDARSON
- 3.3 A/R & Aging Reports – Discussion  
The Accounts Receivable balance on November 17<sup>th</sup> was \$(5,196.99). Treasurer Boyle asked that at the end of each month a previous year comparison be added to the report.

#### **4. Board Member Reports**

Treasurer Boyle stated that the minutes should reflect that BVWD responded to the September 29<sup>th</sup> letter from Cary Holmes.

The next board meeting was set for Monday, January 23<sup>rd</sup> at 9:00 A.M.

President Bissell adjourned the meeting at 11:49 A.M.

Bear Valley Water District ▪ 441 Creekside Drive ▪ P.O. Box 5027 ▪ Bear Valley, CA 95223 ▪ Phone:  
(209) 753 - 2112

# AGENDA ITEM

DATE: APRIL 3, 2017

TO: BVWD BOARD OF DIRECTORS

FROM: JEFF GOUVEIA, DISTRICT GENERAL MANAGER

RE: MONTHLY OPERATIONS REPORT

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1. Collections, Treatment & Disposal Operations - Update
  - a. Flows - Influent Flows & Pond Transfers
  - a. Volumes - Storage, Capacity & Disposal
2. Permit Compliance & Monitoring & Reporting Programs (MRPs) - Update
  - a. WDR MRP - Land Discharge Permit – Compliance & Reporting Update
    - i. 3<sup>rd</sup> Tri-Annual Groundwater Sampling Event – Report Submitted Dec 12 (Due Feb 1)
    - ii. 2016 Annual Report – Submitted On Time – January 31
  - b. NPDES MRP – Surface Water Discharge Permit – Compliance & Reporting Update
    - i. R5-2016-0054 – Compliance and Evaluation Inspection – Nov 18 Letter
    - ii. R5-2016-0054 - 2016 Annual Report – Submitted On time before Jan 29
    - iii. R5-2016-0054 – Updated Dilution/Mixing Zone Study Work Plan – Submitted Dec 19
      - i. Regional Board Comments – February 8 Letter
3. Other
  - a. January 8 – 10 Weather Event –Influent Total 1.955 MG
  - b. February 8 - 12 Weather Event – Influent Total 3.358 MG
  - c. Employee Injury – Worker’s Comp Claim – Jan 27, 2017 Filing
  - d. Surface Discharge – System Testing, Pre Discharge Effluent Sampling Results, Actual Disch Eff Results
    - i. Permit Clarification Request – Feb 22
    - ii. Permit Amendment - Scheduled for April 6 – 7
    - iii. Discharge Effluent Results Summary to Date
      - i. Effluent Lab Results
      - ii. Dilution Ratio Performance
  - e. Kirkwood Emergency Service Notice – February 9, 2017
  - f. Neumiller & Beardslee 2016 Legislative Update
  - g. Staff Training – Collection Systems Specialty Workshop
  - h. BVWD Roster – 2017 Expiration of Terms of Office (Boyle, Becking, Bissell)
    - i. SB 415 – Odd Year to Even Year Election Change

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**CIWQS**

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### SMR / DMR Reporting

Facility Name: Bear Valley WWTF  
 Water Board Office: Region 5S - Sacramento  
 Reporting Level: Level II

Order Number: RS-2016-0045  
 Case Worker: Mohammad Farhad  
 All Electronic Date: 08/01/2016

To review or submit a report, select it from the list below. To change the list of reports, check the status types and/or enter start and end dates.

**Show reports that meet these criteria**

Status:

- ☒ Submitted - report was already submitted to water board
- ☒ In-Progress - report has been edited but not submitted
- ☒ Past Due - report deadline has passed and report has not been submitted
- ☒ Future - report due date is in the future
- ☒ Withdrawn - report has been withdrawn

Show Report Due Between: 01/01/2016 and 09/30/2017

[Refresh List](#) [Show Calendar Year](#)

Search results:

ID	Report Name	Type	Frequency	Reporting Period	Due Date	Status	Date Received	Certified Violations	Report	Withdrawal
1894775	March 2012	MONNPDES	Monthly	03/01/2017 - 03/31/2017	05/01/2017	In-Progress		No		
1894776	April 2012	MONNPDES	Monthly	04/01/2017 - 04/30/2017	06/01/2017	Future		No		
1894777	May 2012	MONNPDES	Monthly	05/01/2017 - 05/31/2017	07/01/2017	Future		No		
1894778	June 2012	MONNPDES	Monthly	06/01/2017 - 06/30/2017	08/01/2017	Future		No		
1894779	July 2012	MONNPDES	Monthly	07/01/2017 - 07/31/2017	09/01/2017	Future		No		
1894773	January 2012	MONNPDES	Monthly	01/01/2017 - 01/31/2017	03/01/2017	Submitted	02/27/2017	No	Download Report	
1894774	February 2012	MONNPDES	Monthly	02/01/2017 - 02/28/2017	04/01/2017	Submitted	03/28/2017	No	Download Report	

Export to Excel Show: 1001

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 Navigate to:

### SMR / DMR Reporting

Facility Name: Bear Valley WWTF  
 Water Board Office: Region SS - Sacramento  
 Reporting Level: Level I

Order Number: RS-2001-0208  
 Case Worker: Kenny Croyle

To review or submit a report, select it from the list below. To change the list of reports, check the status types and/or enter start and end dates.

Show reports that meet these criteria

Status:
 ☒ Submitted - report was already submitted to water board  
☒ In-Progress - report has been edited but not submitted  
☒ Past Due - report deadline has passed and report has not been submitted  
☒ Future - report due date is in the future  
☒ Withdrawn - report has been withdrawn

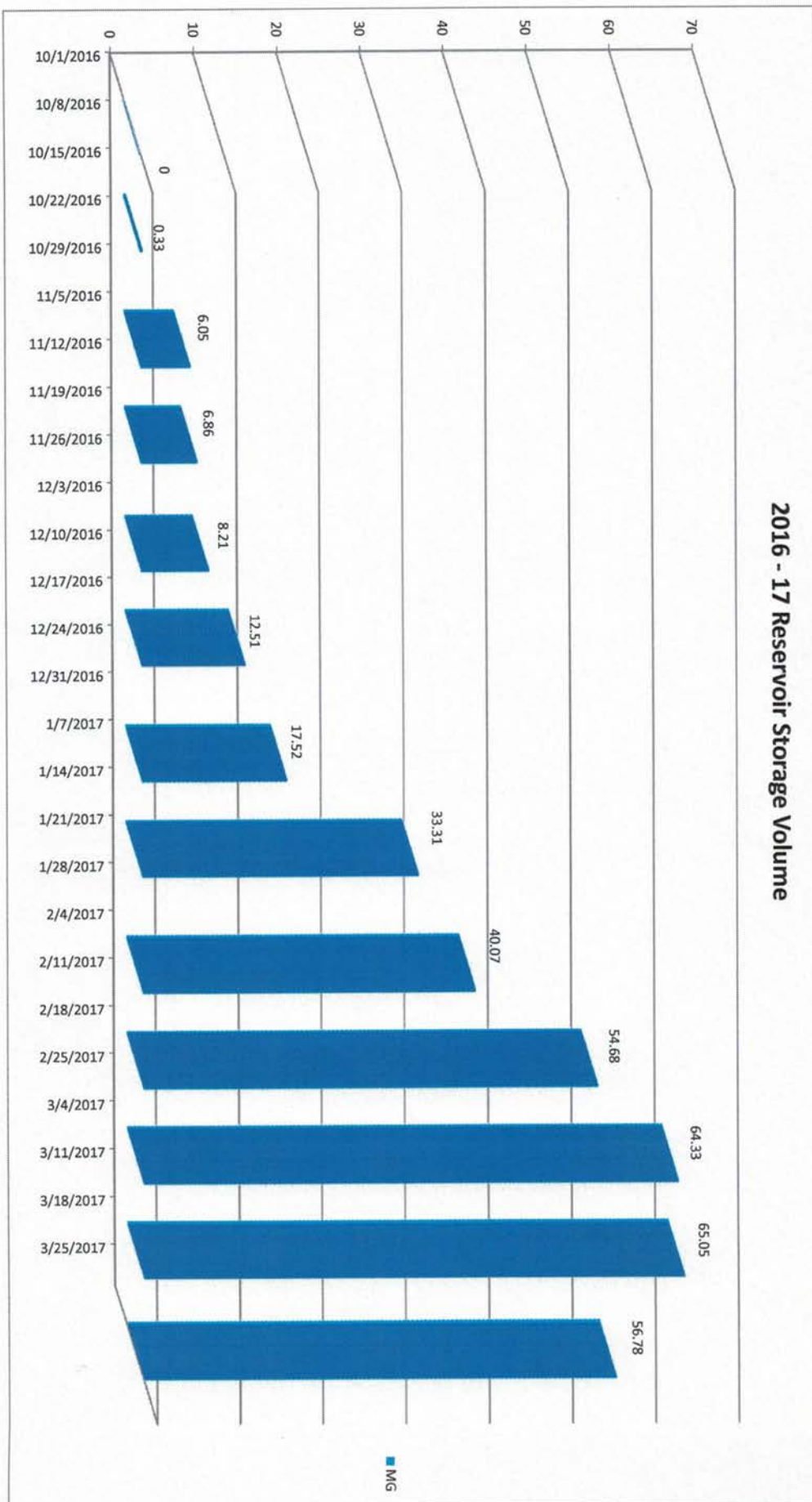
Show Report Due Between:  and

Search results:

ID	Report Name	Type	Frequency	Reporting Period	Due Date	Status	Date Received	Date Reviewed	Certified Violations
1897445	March 2017	MONRPT	Monthly	03/01/2017 - 03/31/2017	05/01/2017	Future			No
1811069	August 2016	MONRPT	Monthly	08/01/2016 - 08/31/2016	10/01/2016	Submitted	09/20/2016		No
1826262	September 2016	MONRPT	Monthly	09/01/2016 - 09/30/2016	11/01/2016	Submitted	10/24/2016		No
1811070	Q2 2016 (3 times per year)	GR_WATER	Quarterly	08/01/2016 - 09/30/2016	11/01/2016	Submitted	10/24/2016		No
1835363	October 2016	MONRPT	Monthly	10/01/2016 - 10/31/2016	12/01/2016	Submitted	11/22/2016		No
1847856	November 2016	MONRPT	Monthly	11/01/2016 - 11/30/2016	01/01/2017	Submitted	12/29/2016		No
1720470	2016	MONRPT	Annual	01/01/2016 - 12/31/2016	02/01/2017	Submitted	01/31/2017		No
1839963	December 2016	MONRPT	Monthly	12/01/2016 - 12/31/2016	02/01/2017	Submitted	01/23/2017		No
1835364	Q3 2016 (3 times per year)	GR_WATER	Quarterly	10/01/2016 - 12/31/2016	02/01/2017	Submitted	12/12/2016		No
1870432	January 2017	MONRPT	Monthly	01/01/2017 - 01/31/2017	03/01/2017	Submitted	02/21/2017		No
1884784	February 2017	MONRPT	Monthly	02/01/2017 - 02/29/2017	04/01/2017	Submitted	03/28/2017		No

Export to Excel Show: 100  
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# 2016 - 17 Reservoir Storage Volume



RECEIVED DEC - 1 2016



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**Central Valley Regional Water Quality Control Board**

18 November 2016

Jeff Gouveia  
General Manager  
Bear Valley Water District  
P.O. Box 5027  
Bear Valley, CA 95223

**COMPLIANCE EVALUATION INSPECTION, BEAR VALLEY WATER DISTRICT, BEAR VALLEY WASTEWATER TREATMENT FACILITY, ALPINE COUNTY**

The discharge of treated wastewater by the Bear Valley Water District (Discharger) from the Bear Valley Wastewater Treatment Facility (Facility) is regulated by Waste Discharge Requirements (WDRs) Order R5-2016-0045 (NPDES CA 0085146). Central Valley Water Board staff conducted an inspection of the Facility on 5 October 2016 to determine compliance with WDRs R5-2016-0045. The enclosed inspection report discusses the following area of concern:

**Area of Concern**

The Discharger does not currently have a system for logging and tracking work orders. Board staff recommends keeping an up-to-date log book for open and completed work orders.

If you have any questions, please contact me at (916) 464-1181 or at [mfarhad@waterboard.ca.gov](mailto:mfarhad@waterboard.ca.gov).



MOHAMMAD FARHAD  
Water Resource Control Engineer  
NPDES Compliance and Enforcement Unit

Enclosure: Compliance Evaluation Inspection Report

cc: Mark Flachsbart, USEPA, Region 9, San Francisco  
Ken Greenberg, USEPA, Region 9, San Francisco

## **FACILITY OPERATION**

General Manager, Jeff Gouveia, and the Facility's Chief Plant Operator (CPO), Guy West, accompanied us during the inspection.

The Facility consists of 4 lift stations beginning at Lake Alpine. The lift stations are powered by diesel generators (Figure 1). Influent flow is measured at a manhole just before the main pump station using a magnetic flow meter. The influent goes through a comminutor to shred large solids before being pumped to the aerated treatment pond (Figure 2).

The 14.18 million gallon treatment pond is aerated through diffusers located at the bottom of the pond (Figure 3). The air is provided by one 40-horsepower blower located at the pond's pump station. The treatment pond used to be divided into two smaller ponds but currently only the piles that supported the dividing structure stand in place (Figure 4). From the treatment pond, wastewater flows by gravity to a pump station where it is chlorinated and sent to a 325 acre-foot storage reservoir (Figure 5). The storage reservoir has a spillway located on the northwest corner of the Facility's property, which drains onto privately owned land. All final effluent originates from the storage reservoir. The Facility was not discharging, nor has the Discharger ever discharged treated effluent to surface water (Figure 6). A new effluent flow meter was installed on 22 September 2015.

The treatment pond and storage reservoir appeared to be very large for the number of sewer connections. However, the large amount of infiltration and snow pack covering the ponds during the winter months can, and has, resulted in pond overflows. During winters with heavy snowfall, land discharge has been found to be insufficient to dispose of the Discharger's treated wastewater.

The storage reservoir freeboard is available at all times through the recent installation of a SCADA system, which was installed in 2015. To prevent unwanted human contact with the treated wastewater, several warning signs are located on the property surrounding the storage reservoir.

## **LABORATORY**

An on-site laboratory, which is not ELAP certified, conducts analyses for pH, dissolved oxygen, turbidity, settleable solids, and chlorine residual. All other analyses are conducted by an ELAP certified laboratory, Caltest Analytical Laboratory.

The Discharger has an influent 24-hour composite sampler at the headworks. The current NPDES WDRs requires influent monitoring from 1 January through 30 June, annually.

## **OPERATION AND MAINTENANCE**

The Facility is rated as a Class I facility and is typically staffed eight hours per day (8:00 AM to 5:00 PM). The operation personnel consist of four operators, who work part-time from October 15 to May 15. Guy West (Grade III) is identified as the CPO.

Copies of the WDRs and submitted Self-Monitoring Reports (SMRs) were available for Board staff's review at the District's main office. The inspection included the review of the January 2014, February 2015, and March 2016 SMRs. The monitoring reports and chain of custody appeared to be complete and no violations were found.

**SUMMARY**

Overall, the Facility appeared to be in compliance with Order R5-2016-0045. The inspection found the following area of concern.

**Area of Concern**

The Discharger does not currently have a system for logging and tracking work orders. Board staff recommends keeping an up-to-date log book for open and completed work orders.



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Mohammad Farhad  
Water Resource Control Engineer  
NPDES Compliance and Enforcement Unit

Approved:	MF/KH	CIWQS Inspection ID: 26496453
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## CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

## INSPECTION REPORT

**DISCHARGER:** Bear Valley Water District (Discharger)

**LOCATION & COUNTY:** Bear Valley Wastewater Treatment Facility (Facility)  
441 Creekside Drive Bear Valley, CA 95223  
Alpine County

**CONTACT(S):** Jeff Gouveia  
General Manager  
Bear Valley Water District  
P.O. Box 5027  
Bear Valley, CA 95223

**INSPECTION DATE:** 5 October 2016

**INSPECTED BY:** Mohammad Farhad, WRC Engineer, CVRWQCB  
Taylor Diamond, Scientific Aid, CVRWQCB

**ACCOMPANIED BY:** Jeff Gouveia, General Manager, and Guy West, Chief Plant Operator

**WEATHER CONDITIONS:** 52°F, Sunny

**BACKGROUND**

The Bear Valley Water District (Discharger), located in Alpine County, owns and operates the Bear Valley Wastewater Treatment Facility (Facility). The Discharger provides sewerage service for the communities of Bear Valley, Bear Valley Ski Resort, and the Lake Alpine/United States Forest Service. The Facility serves a population of approximately 133 permanent residents and seasonal users.

The Facility has a design average flow of 0.5 MGD. The treatment system consists of a comminutor, biological treatment in a 14.18 million-gallon aeration pond, disinfection in a 12,000-gallon chlorine contact tank, and a 76 million-gallon storage/polishing reservoir.

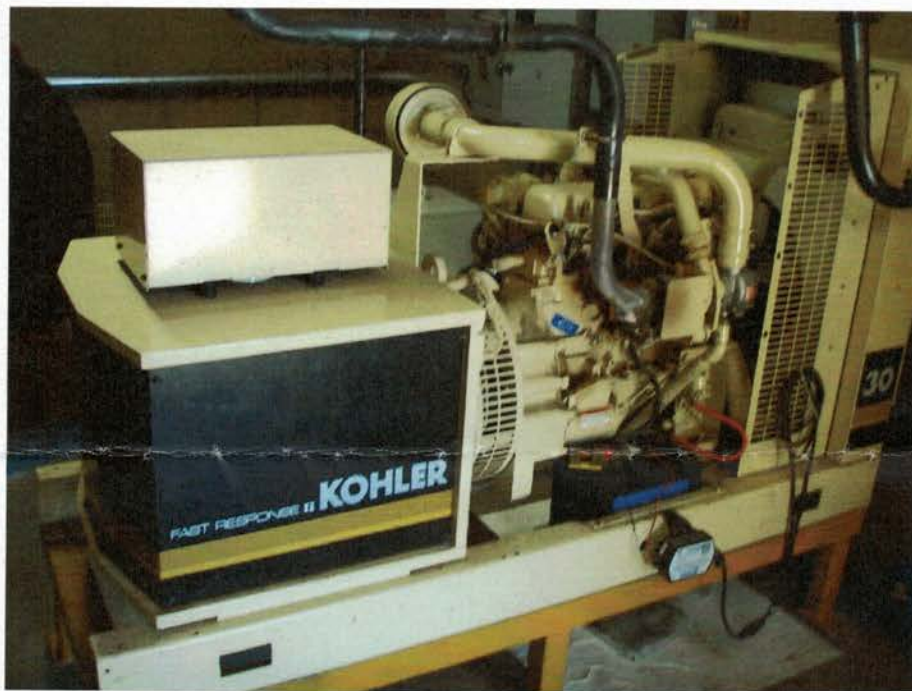
The Discharger currently has 80 acres of land available to be used for wastewater disposal. The Discharger leases 40 acres of private land and 40 acres from the United States Forest Service (USFS). Effluent from the storage/polishing reservoir is disposed of through spray irrigation to land during the summer months (June through October), which is regulated by Waste Discharge Requirements Order No. 5-01-208 (Land Discharge WDRs).

The effluent disposal potential of the Facility is less than the amount of total treated wastewater currently produced by the Facility. Additional land for expansion of the existing land disposal and reclamation facilities is not currently available. During wet winters with heavy snow fall, wastewater may also be discharged from Discharge point EFF-001 to Bloods Creek, a water of the United States, and tributary to the North Fork Stanislaus River. Therefore, the Facility is regulated by Waste Discharge Requirements R5-2016-0045 (NPDES No. CA0085146) (NPDES WDRs), which regulates wastewater treatment and discharge to Bloods Creek. The current NPDES WDRs allows the Discharger to discharge treated effluent to Bloods Creek between 1 January and 30 June, annually.

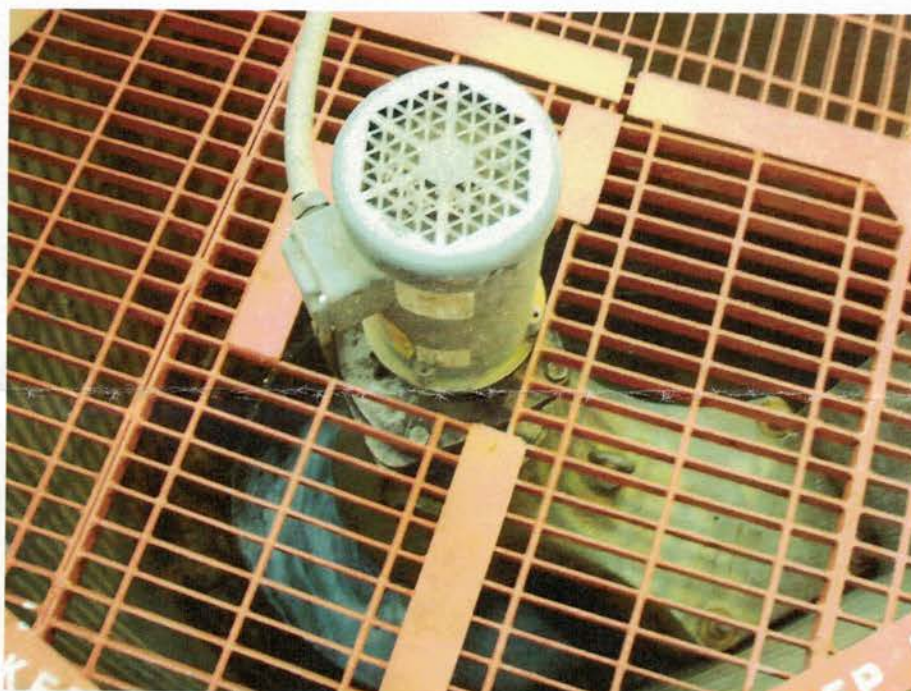
**Attachment A—Photo Log**

Bear Valley Water District – Bear Valley WWTF  
5 October 2016

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**Figure 1:** Diesel generator at the first lift station at Lake Alpine.



**Figure 2:** The influent goes through a comminutor to shred large solids before being pumped to the aerated treatment pond.

## Attachment A—Photo Log

Bear Valley Water District – Bear Valley WWTF  
5 October 2016

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**Figure 3:** The 12.5 million gallon treatment pond is aerated through diffusers located at the bottom of the pond.

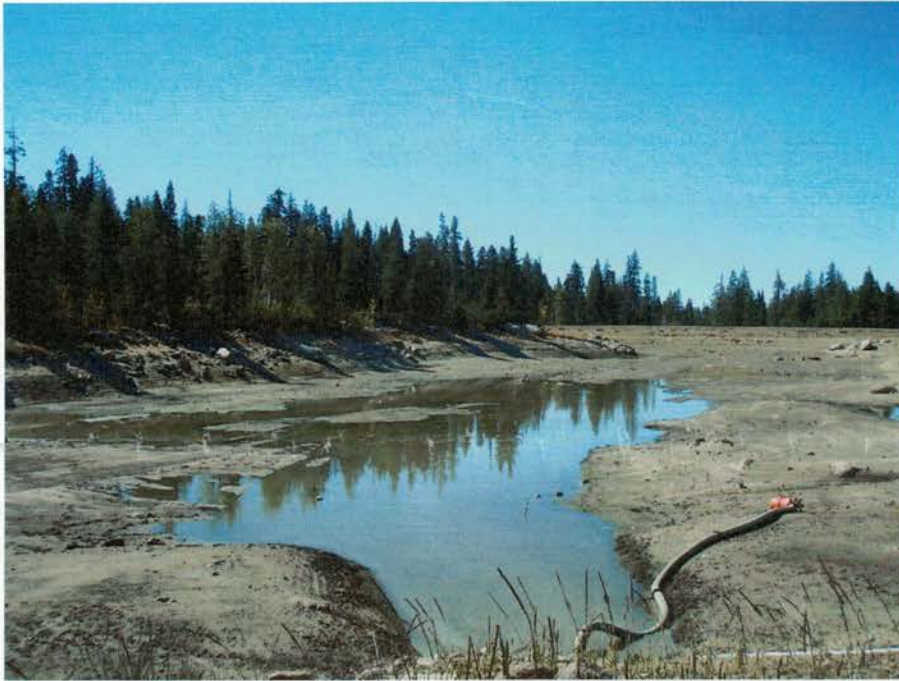


**Figure 4:** The treatment pond used to be divided into two smaller ponds but currently only the piles that supported the dividing structure stand in place.

## Attachment A—Photo Log

Bear Valley Water District – Bear Valley WWTF  
5 October 2016

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**Figure 5:** The 325 acre-foot storage reservoir.



**Figure 6:** The effluent flow meter. The Facility was not discharging to surface water at the time of the inspection.

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## **Bear Valley Water District**

Updated Bloods Creek Mixing  
Zone/Dilution Study Work Plan



Prepared for:  
Bear Valley Water District

Prepared by:  
Stantec Consulting Services Inc.

December 15, 2016

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**BEAR VALLEY WATER DISTRICT**

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016

## 1.0 OVERVIEW

The Bear Valley Water District (District) owns and operates a biological treatment, chlorine disinfection, wastewater treatment facility (Facility) that serves Bear Valley. Treated wastewater (i.e., effluent) from the Facility is disposed of through spray irrigation of leased land adjacent to the Facility during summer months (June through October), which is regulated by the Regional Water Board under Waste Discharge Requirements Order No. 5-01-208 (WDRs). During wet winters with heavy snowfall, effluent from the Facility is permitted to be discharged to Bloods Creek under Order R5-2016-0045 (Order). The discharge of Facility effluent to Bloods Creek is only permitted between January 1 and June 30 when a minimum dilution ratio of 20:1 (receiving water flow : effluent flow) is present.

Special Provision VI.C.2.b of the Order requires the District to perform an updated dilution/mixing zone study at a dilution ratio of 20:1 and receiving water flows that are representative of potential discharge conditions. The study is also required to evaluate pH mixing/dilution in the receiving water considering the alkalinity of the discharge and receiving water. Prior to performing this study, the District is required to submit of a work plan and schedule, by February 1, 2017, for approval by the Regional Water Board. Following completion of the field study, a final report summarizing study results and compliance with Section 1.4.2.2 of the SIP is required to be submitted to the Regional Water Board by September 1, 2019.

The purpose of this mixing zone study work plan and schedule (Work Plan) is to fulfill the work plan and schedule requirements described in Special Provision VI.C.2.b of the Order, including the following:

1. Describe how the District intends to conduct field studies in Bloods Creek and demonstrate compliance with Section 1.4.2.2 of the SIP;
2. Evaluate pH mixing/dilution in the receiving water considering the alkalinity of the discharge and receiving water; and
3. Provide the Regional Water Board staff the opportunity to provide approval prior to field study implementation.

## BEAR VALLEY WATER DISTRICT

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016

## 2.0 SIP MIXING ZONES AND DILUTION CREDITS

The following is a summary of SIP Section 1.4.2.2 mixing zones and dilution credits:

"A mixing zone shall be as small as practicable. The following conditions must be met in allowing a mixing zone:

A. A mixing zone shall not:

- (1) compromise the integrity of the entire water body;
- (2) cause acute toxic conditions (lethality) to aquatic life passing through the mixing zone;
- (3) restrict the passage of aquatic life;
- (4) adversely impact biologically sensitive or critical habitats, including, but not limited to, habitat of species listed under federal or State endangered species laws;
- (5) produce undesirable or nuisance aquatic life;
- (6) result in floating debris, oil, or scum;
- (7) produce objectionable color, odor, taste, or turbidity;
- (8) cause objectionable bottom debris;
- (9) cause nuisance;
- (10) dominate the receiving water body or overlap a mixing zone from different outfalls; or
- (11) be allowed at or near any drinking water intake. A mixing zone is not a source of drinking water. To the extent of any conflict between this determination and the Source of Drinking Water Policy (SWRCB Resolution No. 88-63), this determination supersedes the provisions of that policy".

### 3.0 EVALUATION OF SIP CRITERIA

Compliance with SIP criteria has been evaluated in the District's initial September 2015 Mixing Zone/Dilution Study report, and is further discussed in Attachment F , Section IV.C.2.c, of to the District's current Order.

As with the initial mixing zone/dilution study, the updated study will focus on resolving the following issues:

- By full-scale modeling under critical low stream flow and maximum effluent discharge conditions (i.e., 20:1 dilution ratio) using dye-enriched creek water as surrogate effluent, identify the boundaries of the acute and chronic mixing zones in Bloods Creek downstream of the effluent outfall.
- By full-scale modeling, measure the effluent concentration gradients in the immediate vicinity of the effluent discharge point to document the size of the stream area/volume where the effluent will dominate (i.e., be more than 50 percent of the water volume) and to approximate effluent concentration gradients around and downstream of the effluent discharge point so that acute and chronic effluent mixing zones suitable for assigning effluent dilution credits, as envisioned by SIP, can be identified.

### 4.0 SITE CONDITIONS

The Facility outfall to Bloods Creek is described in the Order as Discharge Point 001. Bloods Creek is a water of the United States and a tributary to North Fork Stanislaus River. Discharge Point 001 is located at latitude 38° 27' 25" N and longitude 120 ° 02' 13" W. See Figure 1 for an aerial image of the Facility and Bloods Creek, and Figure 2 for a photograph of the Facility outfall in Bloods Creek.



## BEAR VALLEY WATER DISTRICT

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016

**Figure 1 - Bear Valley Water District Wastewater Treatment Facility and Effluent Outfall to Bloods Creek**



**Figure 2 - Effluent Outfall in Bloods Creek**

Because flows in Bloods Creek at this location are primarily the result of snowmelt, flows are typically highest during late winter and early spring. See Figure 3 for Bloods Creek flow during March 2015. After the conclusion of the snowmelt season, Bloods Creek flow is greatly reduced, and the creek is not flowing during warm summer months, as depicted in Figure 4.

**BEAR VALLEY WATER DISTRICT**

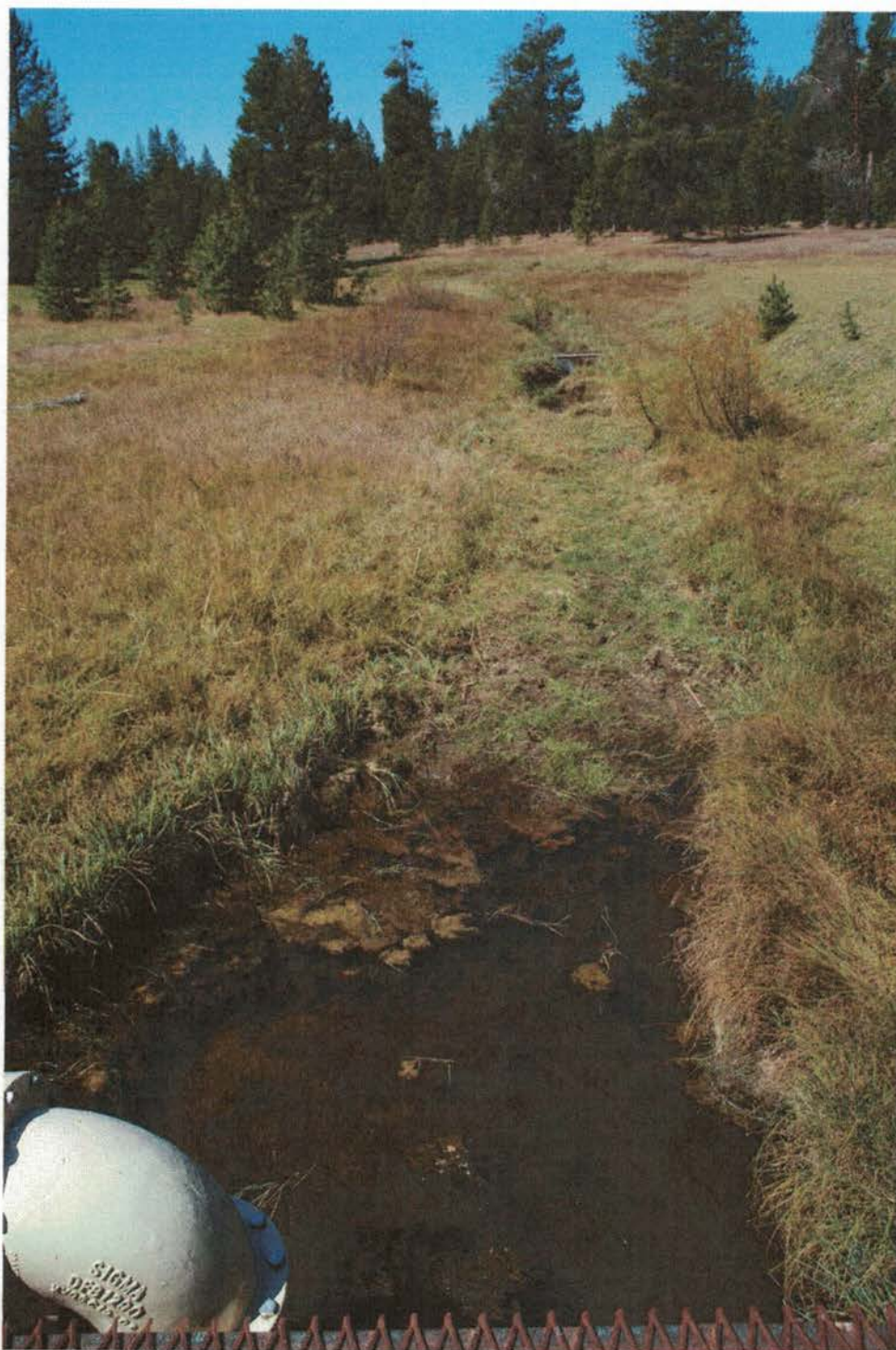
Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016



**Figure 3 - Bloods Creek March 2015**

**BEAR VALLEY WATER DISTRICT**

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016



**Figure 4 - Bloods Creek Downstream of Outfall (Summer)**

## BEAR VALLEY WATER DISTRICT

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016

### 5.0 MIXING ZONE STUDY DESIGN

The SIP defines a completely mixed discharge as "...no more than 5 percent difference, accounting for analytical variability, in the concentration of a pollutant exists across a transect of the water body at a point within two stream/river widths from the discharge point." Given the configuration of Bloods Creek, and the fact that the outfall is not comprised of a multi-port cross-stream diffuser, it is believed that effluent discharges to Bloods Creek will not meet the definition of a completely mixed stream two stream widths downstream from the effluent discharge point. Thus, for the purposes and design of this study, it is assumed that effluent discharges from the Facility to Bloods Creek are incompletely mixed. As such, the study area may extend beyond two stream widths downstream of the outfall location.

The Bloods Creek mixing zone/dilution study will be conducted following the protocol presented in this work plan.

#### 5.1 HYDRAULIC CONSIDERATIONS

The Facility has a design treatment capacity 0.50 MGD. The Order authorizes the discharge of up to a maximum daily effluent flow of 2.5 MGD and an average monthly effluent flow of 1.0 MGD from the Facility storage/polishing reservoir to Bloods Creek during snowmelt season (i.e., January through June) when effluent receives at least 20:1 dilution. The intent is to conduct this study under conditions that simulate the lowest creek flow conditions expected during which an effluent discharge is likely to occur. This study will target a receiving water flow of approximately 2 to 5 MGD, which would correspond to an effluent discharge flow of 0.1 to 0.25 MGD (assuming the required minimum dilution ratio of 20:1).

#### 5.2 METHODOLOGY

This study will be conducted by discharging a known flow of surrogate effluent into Bloods Creek. The Bloods Creek flow during the study will be determined using the District's stream gaging station, located just upstream from the outfall, and confirmed using field methods.

The surrogate effluent will be created by diverting one 21st of the Bloods Creek upstream flow (via a portable pump and flow meter) and injecting (i.e., pumping via a peristaltic pump) fluorescing dye (Rhodamine WT) into this surrogate effluent. The in-stream fluorescence resulting from discharging this 1 part of surrogate effluent into the remaining 20 parts of creek flow will be measured downstream of the discharge point along a grid using a hand-held field fluorometer. The downstream fluorescence data will allow approximation of percentage of the surrogate effluent in the creek (i.e., dilution ratio) at various locations.

## BEAR VALLEY WATER DISTRICT

Updated Bloods Creek Mixing Zone/Dilution Study Work Plan  
December 15, 2016

Once the surrogate effluent discharge to the creek is underway, and all measurements indicate a stable operation, the fluorescence of the creek will be measured along multiple monitoring transects downstream of the outfall. Monitoring of 10 transects is planned. However, field conditions and time constraints will dictate the exact number of appropriate monitoring transects. Along each monitoring transect, fluorescence will be measured at a maximum of two foot intervals, at approximately mid-depth. Using the fluorescence data collected at the initial transect, a dilution ratio will be determined at each location along the transect using the following formula.

$$\text{Dilution} = \frac{(\text{surrogate effluent fluorescence} - \text{downstream fluorescence})}{(\text{downstream fluorescence} - \text{background fluorescence})}$$

Once the edge of the chronic aquatic life and human health mixing zone is determined, data will be collected at additional transects between the outfall and the edge of the identified mixing zone to show aquatic life zones of passage and document the stream area/volume where the effluent will dominate (i.e., be more than 50% of the water volume).

The quality assurance/quality control (QA/QC) program for this study will consist of field logs noting the surrogate effluent flow meter readings and surrogate effluent fluorescence at regular intervals to assure that variations in the input parameters are known and minor. Surrogate effluent fluorescence will be measured with the same meter used to measure creek fluorescence.

### 5.3 FIELD CONDITIONS

The Facility discharge outfall pipe to Bloods Creek is located on the downstream side (west side) of the Facility's steel facility access bridge, as shown in Figure 2. The creek is a shallow gradient meandering stream at this location. The stream width downstream of the outfall varies, as depicted in Figure 1. The downstream boundary of the study area is unknown and will be determined based on measurements at initial transects downstream of the outfall. The fluorescence measurement grid will be dictated by creek conditions at the time of study implementation. It is anticipated that data will be collected at a minimum of two foot intervals at a minimum of four transects. As mentioned previously, field conditions will dictate the appropriate number of monitoring transects and measurement intervals at each transect.

## 6.0 PH AND ALKALINITY STUDY

As part of the mixing zone study, the pH of various blends of effluent and receiving water under probable discharge conditions will be measured. This study will be conducted in the Facility laboratory because actual effluent will not be used in the field mixing zone/dilution study.

The lab study will consist of collecting a representative 10-gallon sample of Bloods Creek water (in two 5-gallon jugs) and a representative 5-gallon sample of effluent from the storage reservoir, approximately one week before implementation of the field study. The timing of the field study will be determined using accurate, real-time monitoring of Bloods Creek flow to determine when creek flow will be in the 2 to 5 MGD range, the lowest creek flow range at which effluent discharge is forecast to occur. The pH and alkalinity (Nature's buffer) of each 5-gallon sample will be determined. Then, aliquots of effluent and creek water will be blended in creek : effluent ratios of 1:1, 3:1, 5:1, 10:1, 15:1, and 20:1 to cover the range of dilution ratios that will occur in the actual creek mixing zone. The blended aliquots will be stirred and the pH measured. Lab study procedures to be implemented approximately one week prior to planned field study are summarized as follows:

1. Collect and label 10 gallons of representative Bloods Creek water in two clean 5-gallon jugs.
2. Collect and label 5 gallons of representative effluent storage reservoir water in a clean 5-gallon jug. If sampling from the effluent spigot, significant flushing of the line will occur prior to sample collection.
3. Using the creek and effluent samples, in clean laboratory containers, carefully create six samples of the following creek to effluent blends: 1:1, 3:1, 5:1, 10:1, 15:1, and 20:1 (parts creek water : parts effluent). The total volume of each created sample is not important, but the blend ratio must be accurate.
4. Completely mix/stir each blend sample and record the pH using a calibrated laboratory pH meter.

The alkalinity of blended aliquots will not be measured because pH is the issue, and alkalinity is the buffer that causes the resulting pH of the blend. A curve of creek : effluent blend versus pH will be plotted.

After the field study is complete and the dye-based creek : effluent blend ratios in the mixing zone are calculated, data from the creek : effluent blend versus pH curve will be added to the mixing zone plot to show the pH range expected in the mixing zone as if effluent had been actually discharged during the field study. The range of pH in the mixing zone is an important factor in assessing the toxicity potential of ammonia in the mixing zone.

## **7.0 SCHEDULE**

The timing of the field study described in this work plan and schedule will largely be driven by weather and field conditions. Bloods Creek flow conditions between 2 and 5 MGD, occurring during the permitted discharge season (January through June) will be targeted for field study implementation. The soonest the field study could be conducted is 2017. The latest the field study could be conducted is 2019. Following the completion of the field study, a technical data report will be prepared for submittal to the Regional Water Board for approval, by September 1, 2019, as required by Special Provision VI.C.2.b of the Order.

## Central Valley Regional Water Quality Control Board

8 February 2017

Jeff Gouveia, General Manager  
Bear Valley Water District  
P.O. Box 5027  
Bear Valley, CA 95223

### REVIEW AND COMMENTS ON UPDATED BLOODS CREEK MIXING ZONE/DILUTION STUDY WORK PLAN, WASTE DISCHARGE REQUIREMENTS ORDER R5-2016-0045 (NPDES PERMIT NO. CA0085146), BEAR VALLEY WATER DISTRICT (DISTRICT), ALPINE COUNTY

Thank you for submitting the Updated Bloods Creek Mixing Zone/Dilution Study Work Plan (Work Plan) dated 15 December 2016, required in accordance with section VI.C.2.b of Waste Discharge Requirements Order R5-2016-0045. Staff reviewed the Work Plan and discussed the comments with the District in a conference call on 6 February 2017. The following issues were discussed.

1. **Hydraulic Considerations – Target Receiving Water Flow.** The intent is to conduct this study under conditions that simulate the lowest creek flow conditions expected during which an effluent discharge is likely to occur. The Work Plan proposed to target a receiving water flow of approximately 2 to 5 MGD. Central Valley Water Board staff suggested to target a creek flow of 5 MGD to avoid the problems experienced during the original June 2015 study such as: 1) inappropriate dilution ratio of effluent-to-creek flow; 2) insufficient zone of passage beyond the 10 foot transect; and 3) overly conservative mixing zones and dilution credits.

**Outcome.** The District agreed to target a receiving water flow of at least 5 MGD to ensure there is sufficient flow during the study.

2. **Edges of the Mixing Zone.** It is unclear from the Work Plan how the edge of the chronic aquatic life mixing zone will be determined.

**Outcome.** The District clarified that they plan to use the Dilution Ratio of 5:1 granted in the current permit to denote the edge of the mixing zone. However, they are planning to look at other transects and determine the dilution ratios at additional transects.

3. **Number and Location of Transects.** The Work Plan indicates that 10 transects will be used for the study, but it does not provide specifics on where they will be established. Central Valley Water Board staff asked to provide more detail of where those transects are going to be located.

**Outcome.** At this time, the District is unsure of the exact number of transects that will be used because it depends on the conditions of Bloods Creek at the time of the study. However, the District clarified that they plan to focus the transects in the near-field area

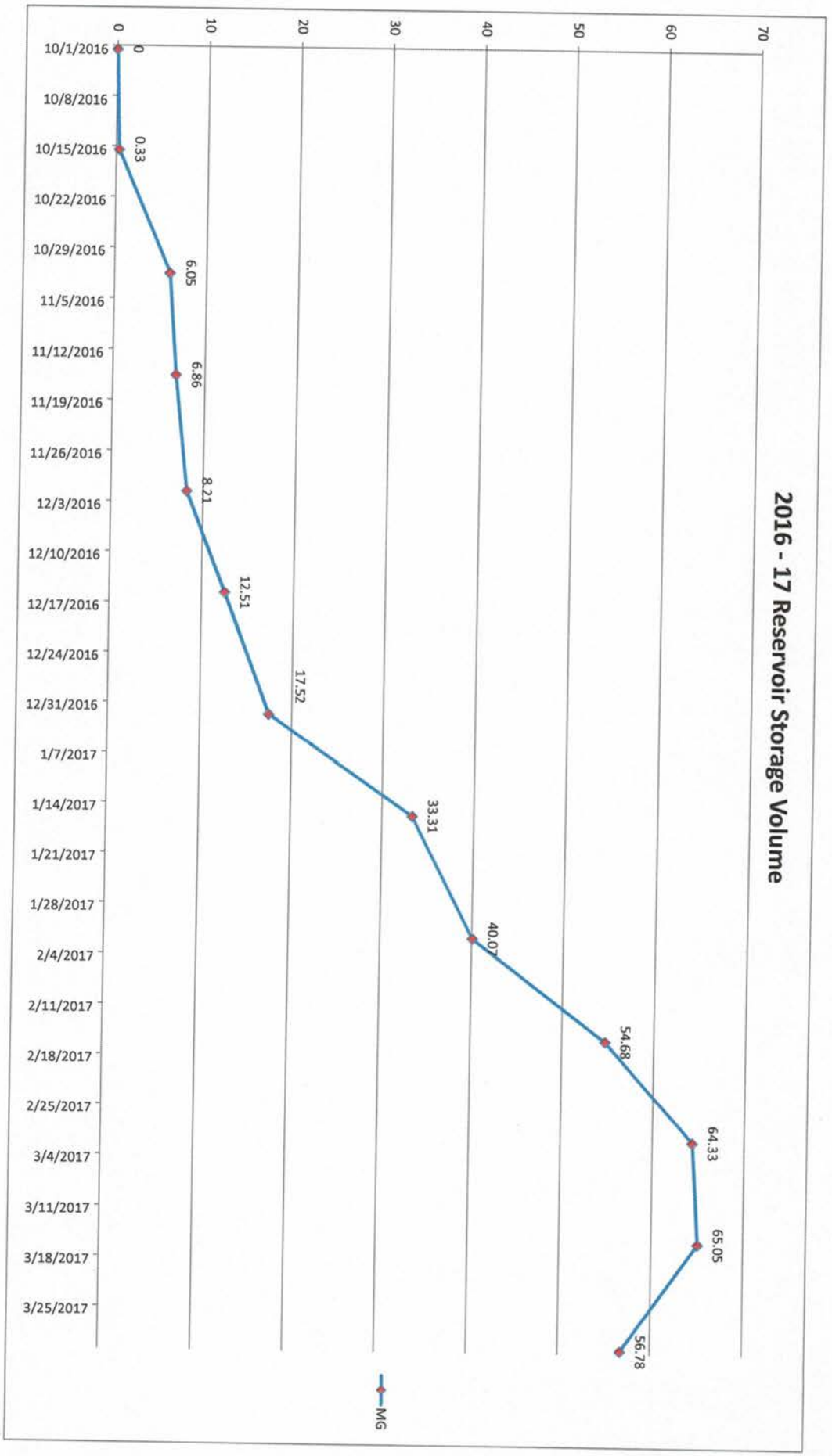
from 0 to 40 feet downstream of the discharge. In addition, if feasible, a far-field transect will be evaluated at approximately the 300 foot mark for the human health mixing zone.

4. **pH Mixing/Dilution Study. Additional Samples.** The Work Plan states that one representative 10-gallon sample of Bloods Creek and one representative 5-gallon sample from the storage reservoir will be collected to evaluate the mixed pH conditions in Bloods Creek. Central Valley Water Board staff suggested that this study should be conducted at additional times to evaluate a wider range of situations. For example, staff is concerned that the pond pH will be highest later in the discharge season, which would not be considered in the study.

**Outcome.** To address this issue, the District suggested the pH mixing/dilution portion of the study could be conducted by evaluating effluent and Bloods Creek samples at three different periods to be representative of the discharge season (e.g., beginning, middle, and end of discharge season). Central Valley Water Board staff agreed with this approach and clarified that sampling may be conducted independent of the dye tracer study.

Staff has no further comments on the Work Plan. If you have any questions, please contact me at (916) 464-4742 or [danajimmerson@waterboards.ca.gov](mailto:danajimmerson@waterboards.ca.gov).

Dania Jimmerson, P.E.  
Water Resource Control Engineer



2-31	1345	77,500	359.211	352.319	443
2-31	0800	5,000	359.977	352.916	41
2-2	0845	72,500	360.919	353.819	
2-3	1000	70,000	361.811	354.717	
2-4	0900	77,500	362.818	355.616	
2-5	0910	95,000	364.10	356.818	
2-6	1110	85,000	365.111	357.911	
2-7	1125	80,000	366.211	358.910	
2-8	0725	155,000	370.412	360.617	
2-9	1100	1,602,500	397.212	380.7201	
2-10	1050	647,500	414.11	385.614	
2-11	0855	370,000	419.251	389.337	
2-12	0935	282,500	422.836	392.532	
2-13	1005	185,000	425.413	394.722	
2-14	0915	115,000	426.815	396.114	
2-15	0715	127,500	428.511	397.615	
2-16		157,500	430.621	399.515	

1-1	1445	182,000	295.1 <sup>15</sup>	306.8 <sup>22</sup>
1-2	1130	90,000	296.3 <sup>12</sup>	302.9 <sup>11</sup>
1-3	1030	80,000	297.4 <sup>11</sup>	303.8 <sup>9</sup>
1-4	2850	75,000	298.9 <sup>4</sup>	304.8
1-5	0815	72,500	299.4	305.7
1-6	0825	80,000	300.5 <sup>11</sup>	306.6 <sup>9</sup>
1-7	0815	77,500	301.6 <sup>11</sup>	307.7 <sup>11</sup>
1-8	1130	345,000	306.3 <sup>4.7</sup>	310.2 <sup>2.5</sup>
1-9	1115	1,200,000	326.8 <sup>2.5</sup>	323.9 <sup>13.7</sup>
1-10	1840	410,000	332.15 <sup>5</sup>	327.9 <sup>4.0</sup>
1-11	1015	145,000	334.1 <sup>2</sup>	329.6 <sup>1.7</sup>
1-12	0915	120,000	335.7 <sup>1.6</sup>	331.1 <sup>1.5</sup>
1-13	0900	105,000	337.1 <sup>1.4</sup>	332.4 <sup>1.3</sup>
1-14	0827	102,500	338.5 <sup>1.1</sup>	333.6 <sup>1.2</sup>
1-15	0935	140,000	340.4 <sup>1.9</sup>	335.3 <sup>1.7</sup>
1-16	1345	155,000	342.5 <sup>2.1</sup>	337.1 <sup>1.8</sup>
1-17	1145	80,000	343.6 <sup>1.0</sup>	338.1 <sup>1.0</sup>
1-18	1125	72,500	344.6 <sup>1.1</sup>	339.0 <sup>1.0</sup>

**Jeff Gouveia**

---

**Subject:** FW: BVRI Meeting Saturday

From: Jeff Gouveia [mailto:gmbearvalleywater@sbcglobal.net]  
Sent: Thursday, March 23, 2017 10:19 AM  
To: 'Curtis Wozniak'; Jeff Gouveia  
Subject: RE: BVRI Meeting Saturday

Hi Curt,

Hope all is well with you too !

Since I arrived in May 2012, in addition to managing the regular business of the District, I've committed a great deal of time and District resources in preparation for a winter such as we have experienced since the rains began in October of last year and has now made the winter of 2016-17 one for the record books.

There are two items of significant note here that I think are worthy of sharing with the BVRI Board and the broader community.

First, the hydraulic events of Jan 8 and February 9 taxed the collection and treatment systems in a way I've not seen since I arrived in May 2012 and possibly in a way never experienced by the District since inception in 1972. On these two nights in particular, staff, including myself, were on site in the middle of the night managing flooding into several buildings, sandbagging where possible, while at the same time observing the system taking in more water (both through the collection system and from surface runoff or direct precipitation into our ponds) than the system was engineered to handle.

The plant's design capacity (the capacity from wastewater entering the collection system) is 0.5 MG (million gallons) and on January 8 we took in approximately 1.2 MG while on February 8 we took in 1.6 MG. This does not include what we also received through runoff or directly from precipitation into the ponds. While agencies such as Kirkwood had to issue system-wide community closures (no more flushing toilets) or Murphys or Clear Lake which had overflowing ponds, I'm proud to report that we narrowly averted an uncontrolled discharge or "spill" and were able to manage the volume of water without any impact, constraints or emergency service notices issued to the community.

Second, I'm proud to report that the District successfully initiated its first discharge of treated effluent to surface waters (Bloods Creek) on March 6 since the spills dating back to the mid 1990's put the District on a path that included the installation of the surface water outfall project in 2007 required by the Regional Board.

As of this writing, due in large part to the new NPDES permit awarded in August 2016 which was negotiated favorably with respect to effluent limits and an expanded discharge period which had challenged the District in previous permits, we've discharged nearly 9 MG of treated effluent to Bloods Creek without violation of any permit requirements. It's important for the residents to know that the discharge to Bloods Creek is at a ratio of 20:1 or only 5% of the volume of water in the creek so that the creek remains predominantly runoff waters with relatively very little effluent as a percentage.

The District is now seeking to leverage the investment in this project, including the original loan to fund infrastructure investment as well as the \$100,000's spent since which has included follow up required studies, repair or replacement of original assets that had failed after 10 years of non-use, costly permit renewal fees, exhaustive lab fees and a wide array remote monitoring equipment vital to the project, to discharge as much effluent as is legally permissible under the permit to maximize this investment as well as ensure we avoid an uncontrolled discharge (avoid the reservoir overflowing). We are optimistic at this point that we will be able to discharge most the effluent currently in storage (60MG) and thereby significantly reduce the costs we would incur this coming summer (\$40-50k) which would normally be associated with disposing this same volume of stored effluent to land.

Meanwhile, the punch list of repair items for the upcoming summer is vast as many parts of the system were damaged through the course of the significant hydraulic events noted above. At the same, as is likely obvious to those hearing this as you read it, clearly the climate is changing and we need to evaluate how best to prepare to improve and enhance District infrastructure for the next hydraulic event which could come next year or in 20 years to avoid the possibility and liability (violations and fines) of another uncontrolled discharge such as those in 1995, 1997 and 1999.

I hope this is received well by the BVRI Board. I can be available for follow up questions at any time through e-mail or a phone call to the District office Mon - Thursday 9 - 3 PM.

Thank you.

---

Jeff Gouveia | gmbearvalleywater@sbcglobal.net | Bear Valley Water District | PO Box 5027, Bear Valley, CA 95223 |  
Office: 209.753.2112 | Cell : 209.743.0836 | Fax: 209.753.6267

The content of this email is the confidential property of BVWD and should not be copied, modified, retransmitted, or used for any purpose except with BVWD's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

ü Please consider the environment before printing this email.

-----Original Message-----

From: Curtis Wozniak [mailto:curtwoz@aol.com]  
Sent: Wednesday, March 22, 2017 4:03 PM  
To: gmbearvalleywater@sbcglobal.net  
Subject: BVRI Meeting Saturday

Hi Jeff,  
Hope all is well with you! We are surviving the winter, but it's a big one!

We have a BVRI meeting this Saturday, and I wanted to check with you to see if there is anything you would like me to pass on to the board.

Last time we communicated, you guys had emptied the pond over the summer and were preparing for a winter. I imagine the snow this year has impacted/changed your outlook!

Anyway, if there is nothing to report, that's ok. But I do like passing on whatever you would like.

Curt

## Jeff Gouveia

---

**From:** Curtis Wozniak <curtwoz@aol.com>  
**Sent:** Friday, March 24, 2017 10:23 AM  
**To:** gmbearvalleywater@sbcglobal.net  
**Subject:** Re: BVRI Meeting Saturday

Hi Jeff,

Awesome summary. Thank you so much. I think it is important to get this information out to the board, so they can pass it on and answer questions that people have.  
 Some people think the board members should know everything going on in BV!

Keep dry! I can't even imagine the work you guys had to do.

Curt

> On Mar 23, 2017, at 10:18 AM, Jeff Gouveia <gmbearvalleywater@sbcglobal.net> wrote:

>

> Hi Curt,

>

> Hope all is well with you too !

>

> Since I arrived in May 2012, in addition to managing the regular business of the District, I've committed a great deal of time and District resources in preparation for a winter such as we have experienced since the rains began in October of last year and has now made the winter of 2016-17 one for the record books.

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> The plant's design capacity (the capacity from wastewater entering the collection system) is 0.5 MG (million gallons) and on January 8 we took in approximately 1.2 MG while on February 8 we took in 1.6 MG. This does not include what we also received through runoff or directly from precipitation into the ponds. While agencies such as Kirkwood had to issue system-wide community closures (no more flushing toilets) or Murphys or Clear Lake which had overflowing ponds, I'm proud to report that we narrowly averted an uncontrolled discharge or "spill" and were able to manage the volume of water without any impact, constraints or emergency service notices issued to the community.

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>

> As of this writing, due in large part to the new NPDES permit awarded in August 2016 which was negotiated favorably with respect to effluent limits and an expanded discharge period which had challenged the District in previous permits, we've discharged nearly 9 MG of treated effluent to Bloods Creek without violation of any permit requirements. It's important for the residents to know that the discharge to Bloods Creek is at a ratio of

2.

**Jeff Gouveia**

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**From:** Jeff Gouveia <jeff@bearvalleyrealestate.com>  
**Sent:** Friday, March 24, 2017 3:48 PM  
**To:** gmbearvalleywater@sbcglobal.net  
**Subject:** FW: BVWD Liaison report

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**From:** Lawrence Johnson [mailto:lawrjohnson@gmail.com]  
**Sent:** Friday, March 24, 2017 3:24 PM  
**To:** Curtis Wozniak  
**Cc:** Porteus Ann; Jung Eric; Gordon Ritter; Wedgwood Jack; Jesse Markham; Wegenstein Jill; Ken Schultz; Kimberly LeMieux; Rajka Colic; Randy Mancini; Ray Marmash; Ron Murphy; Terry Woodrow (Terry Woodrow); Fraser Tom; jeff@bearvalleyrealestate.com  
**Subject:** Re: BVWD Liaison report

BVRI Board Members,

Bear Valley was unbelievably lucky this year to escape a major catastrophe. A great deal of our luck is due to people like Jeff and several others who worked tirelessly through the night to control the floods. I agree with Jeff that the climate is changing and we must plan ahead to stay ahead of the curve.

Larry

On Fri, Mar 24, 2017 at 10:29 AM, Curtis Wozniak <curtwoz@aol.com> wrote:  
BVRI Board,

As the liaison for the BVWD, I asked Jeff for a status of the water district. As always, Jeff's report is very informative and helpful.

I can't even imagine what those guys had to face with this year's snow and rain.

We may not think of our sewage system often, but it's critical to our health and property values. And we have been on the edge of big problems for almost 10 years now. They are making great progress. I think of them at least once a day :-).

Curt

Begin forwarded message:

**From:** "Jeff Gouveia" <gmbearvalleywater@sbcglobal.net>  
**Subject:** RE: BVRI Meeting Saturday  
**Date:** March 23, 2017 at 10:18:58 AM PDT  
**To:** "Curtis Wozniak" <curtwoz@aol.com>, "Jeff Gouveia" <gmbearvalleywater@sbcglobal.net>  
**Reply-To:** <gmbearvalleywater@sbcglobal.net>

Hi Curt,

Hope all is well with you too !

Since I arrived in May 2012, in addition to managing the regular business of the District, I've committed a great

**Jeff Gouveia**

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**From:** Judi Silber <bearvalleywater@sbcglobal.net>  
**Sent:** Wednesday, March 29, 2017 11:04 AM  
**To:** Guy West, BVWD  
**Subject:** FW: FEMA

---

**From:** Carol McElroy [<mailto:cmcelroy@alpinecountyca.gov>]  
**Sent:** Wednesday, March 29, 2017 8:16 AM  
**To:** [rob.beltramo@washoetribe.us](mailto:rob.beltramo@washoetribe.us); [irvin.jim@washoetribe.us](mailto:irvin.jim@washoetribe.us); [bearvalleywater@sbcglobal.net](mailto:bearvalleywater@sbcglobal.net); [ihilton@stpud.dst.ca.us](mailto:ihilton@stpud.dst.ca.us); [mtnmartins@frontier.com](mailto:mtnmartins@frontier.com); [ptraynor@alpinecoe.k12.ca.us](mailto:ptraynor@alpinecoe.k12.ca.us); [msharp@kmpud.com](mailto:msharp@kmpud.com)  
**Cc:** Brian Peters <[bpeters@alpinecountyca.gov](mailto:bpeters@alpinecountyca.gov)>; Spencer Case <[SCase@alpineso.com](mailto:SCase@alpineso.com)>; Rick Stephens <[RStephens@alpineso.com](mailto:RStephens@alpineso.com)>; Debbie Burkett <[dburkett@alpinecountyca.gov](mailto:dburkett@alpinecountyca.gov)>; Terry Woodrow <[twoodrow@alpinecountyca.gov](mailto:twoodrow@alpinecountyca.gov)>; Katherine Rakow <[Krakow@alpinecountyca.gov](mailto:Krakow@alpinecountyca.gov)>; Gregg Leiss <[gleiss@alpinecountyca.gov](mailto:gleiss@alpinecountyca.gov)>  
**Subject:** FEMA

Hi All

Wanted to pass on information we received from CalOES regarding FEMA process. We were informed that the damages the County sustained from the February storms have met the threshold and Alpine County should be listed for Federal Declaration.

Special Districts that sustained public infrastructure damage will need to complete their own application separate from the County.

Sometime in April we should be notified of an Agency briefing. This could be very short notice, within 5 days of CalOES letting us know the meeting date and the actual meeting. If your district intends on filing an application we were informed that someone should personally attend briefing with CalOES recovery team. The recovery team will help you prepare the application and provide guidance thru the process.

As soon as we receive notification from CalOES we will forward to you.

*Carol McElroy*  
 CAO/Finance Director  
 Alpine County  
 (530)694-2287



## Report of Injury

Confidential

Call Confirmation # I323269

Time: 01/27/2017 12:54:00

West, Guy

**To:** Bear Valley Water District  
**Primary Contact :** Julio Guerra  
**Phone :** 209-753-2221  
**Alternate Contact :**  
**Employer Address :** Bear Valley Water District PO Box 5027  
Bear Valley, CA 95223  
**Re:** Guy West

SDRMA  
SD019  
SD019001

Dear Employer:

Please find attached an injury report for an incident which occurred on 01/27/2017 10:30:00.  
The following information was provided to Company Nurse 0 day(s) later on 01/27/2017 11:54:00.  
Your employee was triaged by a nurse and will seek or has sought treatment.

Treatment facility:

CVT3830

Sonora Regional Medical Center ER  
1000 Greenley Rd  
Sonora, CA 95370  
Phone: 2095325000 Fax: 2095363505

A Provider Alert has been faxed to the above number with the Employer's Name & Address, Employee's Name & Address, Details of the Injury, and a Work Status Report that the medical provider may complete and return to your designated recipient.

If your company mandates POST-ACCIDENT DRUG/ALCOHOL TESTING or if you have a RETURN-TO-WORK program and you have notified Company Nurse of these programs, we have included this information on the fax to the provider. If you would like more information on these please contact your Company Nurse Customer Service Representative or notify the main office at 888-817-9282 or [service@companynurse.com](mailto:service@companynurse.com).

Please contact the medical facility to obtain drug/alcohol test results and employee work limitations.  
Claims/Medical Billing Information (if a treatment facility is populated above, we have forwarded this information to them):

York Insurance Group  
PO Box 619079  
Roseville, CA 95661  
Phone: 8009225020 Fax: 8665482637

YORKRV8

Home care/first aid advice provided by Company Nurse does not constitute authorization for modified duty.  
This injury report is being forwarded as a service to your organization; you may want to further investigate the incident.

**CONFIDENTIALITY NOTICE** - This document may contain information that is confidential or legally privileged. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read, disclose, copy, distribute or use any of the information contained in this document. If you have received this document in error, please immediately notify Company Nurse at 888-817-9282 or [service@companynurse.com](mailto:service@companynurse.com) and destroy this document in its entirety.

Thank you.



# Report of Injury

Confidential

Call Confirmation # I323269

Time: 01/27/2017 12:54:00

West, Guy

## Employer Information

Bear Valley Water District Bear Valley Water District PO Box 5027 Bear Valley, CA 95223 Phone : 209-753-2221	Location: Address of Business PO Box 5027 Bear Valley, CA 95223 Report Taken By: Carol T, Susie W
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## Employee Information

Last West	First Guy	Middle Initial	SSN 552-15-0218	Date Of Birth 03/21/1960	Gender M	Marital Status Married
Home Address P.O. Box 101			City Avery	State CA	Zip 95224	
Home Phone (209) 795-4179	Work Phone	Hire Date 05/01/2009	Occupation Chief Plant Operator		Avg Weekly Wage NOT PROVIDED	
Caller Jeff Gouveia		Supervisor Name Jeff Gouveia			Supervisor Phone (209) 753-2112	

## Language

Employee Speaks English	Language Service Used	
Interpreter 1 ID #	Interpreter 2 ID #	Interpreter 3 ID #

## Date, Time, and Place of Incident/Report

Date/Time (local) of Incident 01/27/2017 10:30 AM	Day of Week Friday	Date/Time (local) Reported to CN 01/27/2017 11:54:00	Date/Time (local) Reported to Supervisor 01/27/2017 11:30 AM	Injury Work dam
Injury Location Bear Valley Waste Water Treatmt Plant/Dam Bear Valley CA 95223				
Witnesses				

## Injury and Treatment

Nature of Incident / body part Hand(UpperExtremities)	<input type="checkbox"/> Report Only NO TRIAGE <input checked="" type="checkbox"/> Care Advice Given
Reason Alternate Chosen	
Not on file Treatment Facility /Location	

## RN Triage

Medical Guideline BRUISES, CONTUSIONS, AND OTHER BLUNT INJURIES	Nurse Override
Patient Response driving Medical Guideline Obvious joint dislocation (wrist/ankle or more larger joint)? -	<input checked="" type="checkbox"/> Patient Understands <input checked="" type="checkbox"/> Patient Compliant
Patient Override	
Patient Reason	
Care Advice	

## Triage Notes

1. Please describe your medical complaint. Pain, cut to top of right ring finger and cuts below middle right finger. Bruising, swelling to top of right hand below middle and ring finger.
2. How did the accident happen? (Please state all details) Guy was releasing the pressure on a hand winch and the winch handle spun unexpectedly at a high rate of speed. The



## Report of Injury

Confidential

Call Confirmation # 1323269

Time: 01/27/2017 12:54:00

West, Guy

handle hit his right hand on the top side.

3. Please specify machine, tool, substance or object most closely connected with this accident.  
Winch handle.

4. What was the employee doing when accident occurred? (i.e. loading truck, walking down stairs, etc)  
Releasing the pressure on a hand winch.

5. Medical History:

has carpal tunnel surgery scheduled for 2/13 on right hand

6. Essential Nursing Notes:

Guy drove himself to the local fire station. They called the county nurse in and she cleaned his hand and wrapped it and put a splint on his wrist and a gave him a sling. Transferred to a nurse.\*\*2017-01-27 13:00:47\*\*Was releasing pressure on hand winch - and struck his right hand on the top. There is a small cut at base of ringfinger and two smaller cuts below middle finger; has now been placed in wrist splint by first responder - however he can move his fingers;\*\*2017-01-27 13:14:24\*\*first responder thought there was broken bones and that he should go to the nearest ED\*\*2017-01-27 13:15:38\*\*

Employment:



February 22, 2017

Ms. Pamela Creedon  
Central Valley Regional Water Board  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670

**Re: Oversight in MRP of Order R5-2016-0045, Bear Valley Water District NPDES Permit**

Dear Ms. Creedon,

The purpose of this letter is to request clarification of an oversight/error of the Monitoring and Reporting Program (MRP) of Order R5-2016-0045 (Order), Bear Valley Water District's NPDES permit. Said MRP has the District sampling for total coliform compliance after effluent has been in storage for months, rather than immediately after effluent disinfection. With total coliform being ubiquitous in the environment, water removed from any relatively shallow, open topped, earthen reservoir frequented by wildlife, (such as the District's storage reservoir) would be expected to have total coliform counts greater than the 23 MPN/100mL (7-day median) effluent limitation in the Order.

Based on the current snow pack and rate of largely snow melt filling the District's effluent storage reservoir, the District forecasts that it must begin discharging to Bloods Creek on or about 6 March 2017, depending on climatic factors. Our standard total coliform sampling point is immediately after disinfection, prior to storage, as specified in the District's land discharge permit (WDR Order 5-01-208). The MRP for Order R5-2016-0045 should read the same. The District needs clarification of this oversight/error in Order R5-2016-0045 as soon as possible.

If an appropriate letter of clarification cannot be provided, then the District requests that the Order be amended to correct the oversight/error as soon as possible to reduce District liability to MMPs for exceedance of total coliform effluent limitations. If clarification cannot occur, then the District will collect total coliform samples on the same day after chlorination, and after storage as part of the District's affirmative defense procedure.

Please feel free to call if you have any questions, or need further information.

Regards,

Bear Valley Water District

Jeff Gouveia, District Manager

Cc: Jim Marshall, Regional Water Board

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Central Valley Regional Water Quality Control Board

27 February 2017

Jeff Gouveia  
Chief Plant Operator  
Bear Valley Water District  
P.O. Box 5027  
Bear Valley, CA 95223

**CLARIFICATION OF EFFLUENT TOTAL COLIFORM SAMPLING LOCATION, BEAR VALLEY WATER DISTRICT, BEAR VALLEY WASTEWATER TREATMENT FACILITY, ALPINE COUNTY**

The Bear Valley Water District (Discharger) discharges treated wastewater from the Bear Valley Wastewater Treatment Facility (Facility), which is regulated by Waste Discharge Requirements (WDRs) Order R5-2016-0045 (NPDES CA0085146) for discharges to surface water and WDRs Order 5-01-208 for discharges to land.

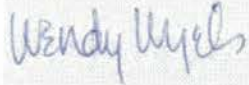
On 22 February 2017, the Discharger submitted a letter to the Central Valley Regional Water Quality Control Board requesting clarification of the effluent total coliform sampling location when discharging to Bloods Creek. Due to recent storm events, the Discharger forecasts that it will have to discharge to Bloods Creek in early March 2017. The Discharger stated that the Monitoring and Reporting Program (MRP) of WDRs R5-2016-0045 requires sampling for total coliform at monitoring location EFF-001 after effluent has been discharged into their storage pond rather than immediately downstream of the effluent disinfection system. The Discharger requested to collect effluent total coliform samples immediately after disinfection, prior to storage, as specified in the District's land discharge permit WDRs 5-01-208.

Central Valley Water Board's Compliance and Enforcement staff have reviewed the Discharger's request and agree with the Discharger that when discharging to Bloods Creek the total coliform sample for the effluent should be collected immediately downstream of the effluent disinfection system. In addition, until such time that the permit is amended to move the monitoring location for total coliform specified in the MRP, Compliance and Enforcement staff will not take enforcement action when total coliform samples are collected immediately downstream of the effluent disinfection system instead of at EFF-001. Permitting staff will be contacting you to follow-up with a draft permit amendment to WDRs Order R5-2016-0045 for Board consideration in order to address the monitoring location for total coliform.

Jeff Gouveia  
Bear Valley Water District

27 February 2017

If you have any questions regarding the total coliform sampling location or how to report, please contact Mohammad Farhad at (916) 464-1181 or at [mohammad.farhad@waterboard.ca.gov](mailto:mohammad.farhad@waterboard.ca.gov). If you have questions regarding the permit amendment process, please contact Jim Marshall at (916) 464-4772 or at [james.marshall@waterboards.ca.gov](mailto:james.marshall@waterboards.ca.gov).



WENDY WYELS, Supervisor  
Compliance and Enforcement Section

cc: James Marshall, NPDES Permitting Unit, Central Valley Water Board, Rancho Cordova



RECEIVED MAR - 6 2017

RECEIVED MAR - 6 2017



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## Central Valley Regional Water Quality Control Board

1 March 2017

Jeff Gouveia  
General Manager  
Bear Valley Water District  
P.O. Box 5027  
Bear Valley, CA 95223

CERTIFIED MAIL  
91 7199 9991 7035 8364 4455

**NOTICE OF PUBLIC HEARING  
AND  
TENTATIVE ORDER  
AMENDING WASTE DISCHARGE REQUIREMENTS  
ORDER R5-2016-0045 (NPDES PERMIT NO. CA0085146)  
FOR  
BEAR VALLEY WATER DISTRICT  
BEAR VALLEY WASTEWATER TREATMENT FACILITY  
ALPINE COUNTY**

### TO ALL CONCERNED PERSONS AND AGENCIES:

Enclosed is the tentative Order amending Waste Discharge Requirements Order R5-2016-0045 for the Bear Valley Water District (Discharger), Bear Valley Wastewater Treatment Facility (Facility). Any comments or recommendations you may have concerning the proposed Order should be submitted to this office via email to **RB5S-NPDES-Comments@waterboards.ca.gov** no later than 5:00 p.m. on **3 April 2017** in order for us to give them full consideration prior to the meeting of the Central Valley Regional Water Quality Control Board (Central Valley Water Board). Written material submitted after 5:00 p.m. on **3 April 2017** will not be accepted and will not be incorporated into the administrative record absent a ruling by the Board Chair. Any party requesting to submit late materials must demonstrate good cause for the late submission, and the Chair must find that accepting the late submission will not prejudice the Central Valley Water Board or any Designated Party.

A Public Hearing has been scheduled for the Central Valley Water Board to consider adoption of the proposed Order at its 6/7 April 2017 Board Meeting. A Notice of Public Hearing (Notice) concerning the proposed Order is also enclosed. Regulations require that the Discharger post one (1) copy of the Notice at the nearest city hall or county courthouse, one (1) copy at the post office nearest to the Facility (if allowed), and one (1) copy at the public entrance to the Facility. Please post the Notice as soon as possible and provide proof of posting, using the enclosed form, by **10 March 2017**.

To conserve resources, this letter transmits a paper copy of the tentative Order package to the Discharger only. Interested persons may download the documents from the Central Valley

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

Water Board's Internet website at [http://www.waterboards.ca.gov/centralvalley/board\\_decisions/tentative\\_orders](http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders). Copies of the documents may also be obtained by contacting or visiting the Central Valley Water Board's office at 11020 Sun Center Drive, Suite 200, Rancho Cordova, California 95670, weekdays between 8:00 a.m. and 5:00 p.m.

If you have any questions regarding the proposed hearing item, please contact Dania Jimmerson at (916) 464-4742 or [dania.jimmerson@waterboards.ca.gov](mailto:dania.jimmerson@waterboards.ca.gov).



James D. Marshall  
Senior Engineer

Enclosures (3): Tentative Order (Discharger Only)  
Notice of Public Hearing (Discharger Only)  
Proof of Posting Form (Discharger Only)

cc: David Smith, USEPA, Region IX, San Francisco (via email only)  
Peter Kozelka, USEPA Region IX, San Francisco (via email only)  
US Army Corp of Engineers, Sacramento  
US Fish and Wildlife Service, Sacramento  
US National Marine Fisheries Service, Santa Rosa  
Phil Isorena, State Water Resources Control Board, Sacramento (via email only)  
Department of Water Resources, Central District, Sacramento  
State Water Resources Control Board, Division of Drinking Water, Sacramento  
Department of Public Health, Environmental Management Branch, Sacramento  
Regional Manager, Department of Fish & Wildlife, Region II, Rancho Cordova  
Environmental Health Services, Alpine County, Markleeville  
Kevin Kauffman, P.E., Stockton East Water District, Stockton  
Debbie Webster, Central Valley Clean Water Association, Grass Valley  
Bill Jennings, California Sportfishing Protection Alliance, Stockton  
Richard McHenry, California Sportfishing Protection Alliance (via email only)  
Buena Vista Rancheria of Me-Wuk Indians  
Calaveras Band of Miwuk Indians  
California Valley Miwok Tribe (aka Sheep Ranch Rancheria of Me-wuk)  
Chicken Ranch Rancheria of Me-Wuk  
Jackson Band of Mi-Wuk Indians  
Tuolumne Band of Me-Wuk  
Washoe Tribe of Nevada and California

2.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

11020 Sun Center Drive #200, Rancho Cordova, CA 95670

**NOTICE OF PUBLIC HEARING**

concerning

**TENTATIVE ORDER  
AMENDING WASTE DISCHARGE REQUIREMENTS  
ORDER R5-2016-0045 (NPDES NO. CA0085146)**

**For  
BEAR VALLEY WATER DISTRICT  
BEAR VALLEY WASTEWATER TREATMENT FACILITY  
ALPINE COUNTY**

Bear Valley Water District is the owner and operator of the Bear Valley Wastewater Treatment Facility (Facility), a publicly owned treatment works located at 441 Creekside Drive, Bear Valley, California. The Facility provides sewerage services for the communities of Bear Valley, Bear Valley Mountain Resort, and Lake Alpine/United States Forest Service, serving a population of approximately 121 permanent residents as well as seasonal users. The Facility provides secondary treatment for up to 0.50 million gallons per day (MGD). Secondary treated disinfected wastewater from the Facility may be discharged to Bloods Creek, a water of the United States and a tributary to the North Fork Stanislaus River.

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) proposes to amend Order R5-2016-0045 (NPDES No. CA0085146) to clarify that samples for total coliform organisms should be collected immediately following the chlorine disinfection system, prior to transfer to the storage/polishing reservoir.

A public hearing concerning this matter will be held during the Central Valley Water Board meeting scheduled for:

DATE: 6/7 April 2017  
TIME: 8:30 a.m.  
PLACE: Clovis Veterans Memorial Hall  
808 4th Street  
Clovis, CA 93612

The designated parties for this hearing are as follows:

- Bear Valley Water District Representatives

Only designated parties will have these rights: to call and examine witnesses; to introduce exhibits; to cross-examine opposing witnesses; to impeach any witness; and to rebut the evidence against him or her. All other persons wishing to testify or provide comments are interested persons and not designated parties. Such interested persons may request status as a designated party for purposes of this hearing by submitting such request in writing to the Central Valley Water Board no later than **5:00 p.m. on 3 April 2017**. The request must explain the basis for status as a designated party and in particular how the person is directly affected by the discharge.

NOTICE OF PUBLIC HEARING  
BEAR VALLEY WATER DISTRICT  
BEAR VALLEY WASTEWATER TREATMENT FACILITY  
ALPINE COUNTY

- 2 -

Persons wishing to comment on this noticed hearing item shall submit testimony, evidence, if any, and/or comments in writing to the Central Valley Water Board via email to **RB5S-NPDES-Comments@waterboards.ca.gov** no later than **5:00 p.m. on 3 April 2017**. Written evidence or comments submitted after **5:00 p.m. on 3 April 2017** will not be accepted and will not be incorporated into the administrative record absent a ruling by the Board Chair. Any party requesting to submit late materials must demonstrate good cause for the late submission, and the Chair must find that accepting the late submission will not prejudice the Central Valley Water Board or any Designated Party.

All designated parties and interested persons may speak at the Central Valley Water Board meeting, and are expected to orally summarize their written submittals. Oral testimony and cross examination will be limited in time by the Board Chair.

Anyone having questions regarding the hearing item should contact Dania Jimmerson at (916) 464-4742 or [danialjimmerson@waterboards.ca.gov](mailto:danialjimmerson@waterboards.ca.gov). Interested parties may download the tentative Order and related documents from the Central Valley Water Board's Internet website at [http://www.waterboards.ca.gov/centralvalley/board\\_decisions/tentative\\_orders/](http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/). Copies of these documents can also be obtained by contacting or visiting the Central Valley Water Board's office at 11020 Sun Center Drive, #200, Rancho Cordova, California 95670-6114 weekdays between 8:00 a.m. and 5:00 p.m. **The final meeting agenda will be available at [http://www.waterboards.ca.gov/centralvalley/board\\_info/meetings/](http://www.waterboards.ca.gov/centralvalley/board_info/meetings/) at least 10 days before the meeting. The agenda will provide the specific date the Board Meeting will be held for this item, indicate the anticipated order of all agenda items, and may include staff revisions to the proposed order(s).**

The procedures governing Central Valley Water Board meetings may be found at Title 23, California Code of Regulations, Section 647 et seq. and are available upon request. Hearings before the Central Valley Water Board are not conducted pursuant to Government Code section 11500 et seq. The procedures may be obtained by accessing [http://www.waterboards.ca.gov/laws\\_regulations/](http://www.waterboards.ca.gov/laws_regulations/). Information on meeting and hearing procedures is also available on the Central Valley Water Board's website at [http://www.waterboards.ca.gov/centralvalley/board\\_info/meetings/mtgprocd.shtml](http://www.waterboards.ca.gov/centralvalley/board_info/meetings/mtgprocd.shtml) or by contacting any one of the Central Valley Water Board's offices. Questions regarding such procedures should be directed to Ms. Kiran Lanfranchi-Rizzardi at (916) 464-4839.

The hearing facilities will be accessible to persons with disabilities. Individuals requiring special accommodations are requested to contact Ms. Kiran Lanfranchi-Rizzardi at (916) 464-4839 at least 5 working days prior to the meeting. TTY users may contact the California Relay Service at 1-800-735-2929 or voice line at 1-800-735-2922.

Please bring the above information to the attention of anyone you know who would be interested in this matter.

For   
ADAM LAPUTZ, Assistant Executive Officer

1 March 2017

2.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

ORDER R5-2017-XXXX  
AMENDING WASTE DISCHARGE REQUIREMENTS  
ORDER R5-2016-0045 (NPDES PERMIT NO. CA0085146)

BEAR VALLEY WATER DISTRICT  
BEAR VALLEY WASTEWATER TREATMENT FACILITY  
ALPINE COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Central Valley Water Board) finds that:

1. On 24 June 2016, the Central Valley Water Board adopted Waste Discharge Requirements Order (WDR) R5-2016-0045, renewing NPDES Permit No. CA0085146, which prescribes waste discharge requirements for the Bear Valley Water District Wastewater Treatment Facility, Alpine County. For the purposes of this Order, Bear Valley Water District is hereafter referred to as "Discharger" and the Wastewater Treatment Facility is hereafter referred to as "Facility."
2. Order R5-2016-0045 (NPDES Permit) authorizes the seasonal (1 January through 30 June) surface water discharge of up to 2.5 million gallons per day (MGD) and an average monthly effluent flow of 1.0 MGD of disinfected secondary treated wastewater to Bloods Creek, a water of the United States and a tributary to the North Fork Stanislaus River. The Discharger is also authorized by WDR Order 5-01-208 to disposed of disinfected secondary treated wastewater via spray irrigation on an approximately 80 acres of leased land adjacent to the Facility.
3. The Discharger owns and operates the Facility. The treatment system consists of a comminutor; biological treatment in a 14.18 million-gallon aeration pond; disinfection in a 12,000-gallon chlorine contact tank; and effluent storage and polishing in a 76.4 million-gallon unlined storage/polishing reservoir. The Facility has a design treatment capacity of 0.50 MGD.
4. The NPDES Permit has a requirement to monitor for total coliform organisms at monitoring location EFF-001 to evaluate compliance with total coliform organisms effluent limitations. Monitoring location EFF-001 is located downstream of the storage/polishing reservoir prior to discharge to Bloods Creek. Total coliform organisms are used as an indicator organism to ensure the wastewater is adequately disinfected to remove human pathogens contained in domestic sewage.
5. By letter dated 22 February 2017, the Discharger requested the monitoring location to collect samples for total coliform organisms be moved to a location immediately following disinfection of the wastewater, prior to transfer to the storage/polishing reservoir. This monitoring location is consistent with the monitoring requirements under WDR Order 5-01-208. The Discharger requested the monitoring location change due to concerns that total coliform organisms are ubiquitous in the environment and are likely added to the reservoir by wildlife. Wastewater pathogens are not added to the storage/polishing reservoir after the chlorine contact tank, therefore, it is appropriate to evaluate compliance with the total coliform organisms effluent limits immediately following the chlorine contact tank prior to storing the treated wastewater in the storage/polishing reservoir. Compliance measured at this point will ensure the Facility is properly operated to maintain adequate disinfection. The NPDES Permit has been modified to change the effluent monitoring location for total coliform organisms.

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6. Issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Pub. Resources Code, § 21000 et seq.) ("CEQA") pursuant to Water Code section 13389, since the adoption or modification of a NPDES permit for an existing source is statutorily exempt and this Order only serves to modify a NPDES permit (*Pacific Water Conditioning Ass'n, Inc. v. City Council of City of Riverside* (1977) 73 Cal.App.3d 546, 555-556.).
7. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend WDR Order R5-2016-0045 for this discharge and has provided them with an opportunity to submit their written views and recommendations.

**IT IS HEREBY ORDERED THAT:**

Waste Discharge Requirements Order R5-2016-0045 (NPDES No. CA0085146) is amended solely to modify the monitoring location at which effluent samples for total coliform organisms are collected.

**Effective immediately upon adoption**, Order R5-2016-0045 is amended as shown in Items 1 through 4, below.

1. **Title Page.** Update information found in the title page of the NPDES Permit to reflect changes made in this amending Order as shown in underline/strikeout format below:

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION**

11020 Sun Center Drive, #200 Rancho Cordova, California 95670-6114  
Phone (916) 464-3291 • Fax (916) 464-4645  
<http://www.waterboards.ca.gov/centralvalley>

**ORDER R5-2016-0045-01  
AS AMENDED BY ORDER R5-2017-XXXX  
NPDES NO. CA0085146**

**BEAR VALLEY WATER DISTRICT  
BEAR VALLEY WASTEWATER TREATMENT FACILITY  
ALPINE COUNTY**

I, PAMELA C. CREEDON, Executive Officer, do hereby certify that this Order with all attachments is a full, true, and correct copy of the Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on **24 June 2016**, and amended by Order R5-2017-XXXX on XX April 2017.

2. **Order Number.** Change the Order number throughout to R5-2016-0045-01.
3. **Limitations and Discharge Requirements, Section IV. Effluent Limitations and Discharge Specifications.** Under Section IV.A.1.e., add a footnote to clarify the monitoring location at which samples for Total Coliform Organisms should be collected, as shown underlined below:

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- e. **Total Coliform Organisms**<sup>1</sup>. Effluent total coliform organisms shall not exceed:
- i. 23 most probable number (MPN) per 100 mL, as a 7-day median; and
  - ii. 240 MPN/100 mL, more than once in any 30-day period.

<sup>1</sup> Compliance with the total coliform organisms effluent limitations is measured immediately following the chlorine contact tank, prior to transfer to the storage/polishing reservoir.

4. **Attachment E, Monitoring and Reporting Program, Section IV.A.1 – Table E-3 Effluent Monitoring.** Add a foot note to Table E-3 to clarify the monitoring location at which samples for total coliform organisms are collected, as shown underlined below:

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Coliform Organisms	MPN/100 mL	Grab	2/Week	<sup>1, 10</sup>

<sup>10</sup> Compliance with the total coliform organisms effluent limitations is measured immediately following the chlorine contact tank, prior to transfer to the storage/polishing reservoir.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with CWC section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date that this Order becomes final, except that if the thirtieth day following the date that this Order becomes final falls on a Saturday, Sunday, or state holiday (including mandatory furlough days), the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

I, PAMELA C. CREEDON, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on **XX April 2017**.

\_\_\_\_\_  
PAMELA C. CREEDON, Executive Officer

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**AGENDA**  
**Public Meeting**  
**Central Valley Regional**  
**Water Quality Control Board**



Thursday, April 6, 2017 – 9:00 a.m.  
Friday, April 7, 2017 – 9:00 a.m.  
Clovis Veterans Memorial Hall  
808 4<sup>th</sup> Street  
Clovis, CA 93612

**THIS MEETING WILL NOT BE WEBCAST**

The Central Valley Board strives to conduct accessible, orderly, and fair meetings. The Board abides by the following rules when conducting its meetings:

- No person is required to register their name or provide other information to the Board in order to attend a Board meeting. Completing an attendance card is voluntary, unless you wish to testify before the Board.
- Anyone speaking to the Board will be requested to complete an attendance card.
- Anyone testifying in permit and enforcement actions will be required to complete an attendance card and affirm that any testimony that they provide is the truth by taking an oath.
- Items on this Agenda are numbered for identification purposes only; the Board may consider these items out of their listed order.
- Any item scheduled for the first day of a multi-day Board meeting may be delayed or continued to the next day, and items may also be moved from the second day to the first day. The Board may remove items from this Agenda without prior notice.
- If the Board lacks a quorum, the Board may conduct a hearing as a Panel Hearing. However, the Board will not take final action on such an item until a quorum of the Board is present.

Copies of the items to be considered by the Central Valley Water Board are posted on the Board's website at:  
[http://www.waterboards.ca.gov/centralvalley/board\\_decisions/tentative\\_orders/](http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/)

Board agendas and the minutes of prior meetings are posted on the Board's website at:  
[http://www.waterboards.ca.gov/centralvalley/board\\_info/meetings/](http://www.waterboards.ca.gov/centralvalley/board_info/meetings/)

Questions regarding individual items should be directed to the Board staff person whose name and phone number are indicated with the agenda item. If no staff person is listed, or for general questions, please contact Ms. Kiran Lanfranchi-Rizzardi at: (916) 464-4839 or [klanfranchi@waterboards.ca.gov](mailto:klanfranchi@waterboards.ca.gov)

The Board meeting will be conducted at a facility that is accessible to people with disabilities. Individuals requiring special accommodations are asked to contact Ms. Lanfranchi-Rizzardi at (916) 464-4839 at least 5 working days prior to the meeting. TTY users may contact the California Relay Service at 1-800-735-2929 or voice line at 1-800-735-2922.

A list of applications for Water Quality Certifications, which the Board issues pursuant to Section 401 of the Clean Water Act, can be found at: [http://www.waterboards.ca.gov/centralvalley/public\\_notices/](http://www.waterboards.ca.gov/centralvalley/public_notices/) or can be obtained by calling the Board at: (916) 464-3291.

**ELECTRONIC PRESENTATIONS**

PowerPoint and other electronic presentations are frequently presented at the Board Meetings. Please e-mail presentations to the Board's Webmaster at [webmaster5@waterboards.ca.gov](mailto:webmaster5@waterboards.ca.gov) at least 24 hours in advance, or bring your files either on a USB Flash Drive or CD-ROM and give them to Board Staff prior to the start of the meeting.

2.

**THURSDAY, APRIL 6, 2017 – 9:00 A.M.**

1. Introductions, Pledge of Allegiance
2. Meeting Rules and Procedures
3. Board Member Communications – Board Members and the State Board Liaison Member may discuss meetings, communications, correspondence, or other items of general interest relating to matters within the Board's jurisdiction. There will be no voting or formal action taken
4. Public Forum – Any member of the public may address the Board on any matter within the Board's jurisdiction and not scheduled for consideration at this meeting, or pending before the Board
5. State Board Liaison update
6. Executive Officer's Report ([http://www.waterboards.ca.gov/centralvalley/board\\_info/exec\\_officer\\_reports/](http://www.waterboards.ca.gov/centralvalley/board_info/exec_officer_reports/))

**BASIN PLANNING**

7. Proposed Basin Plan Amendment to Remove the Municipal and Domestic Supply (MUN) and Agricultural Supply (AGR) Beneficial Uses Within a Designated Horizontal and Vertical Portion of the Tulare Lake Bed – Board Hearing to Consider Adoption [Glenn Meeks (916) 464-4701]

**LOCAL AGENCY MANAGEMENT PROGRAM (LAMP)**

8. Fresno County Environmental Health Division, Fresno County - Consideration of Resolution to Approve Local Agency Management Program [Katie Carpenter, (559) 445-5551]

**ENFORCEMENT**

9. Konark Ranches LLC, Kern County – Consideration of Administrative Civil Liability [David Sholes, (559) 445-6279]

**BASIN PLANNING**

10. Proposed Basin Plan Amendment to Establish Salinity Water Quality Objectives in the Lower San Joaquin River – Board Hearing to Receive Oral Comments [Anne Littlejohn (916) 464-4840]

**WASTE DISCHARGE REQUIREMENTS**

11. Waste Discharge Requirements General Orders for Oil Field Dischargers to Land within the Tulare Lake Basin – Consideration of Adoption of New Waste Discharge Requirements [Hossein Aghazeynali (559) 445-6194]

**OTHER BUSINESS**

12. Oil Field Update– Informational Item Only [Clay Rodgers (559) 445-5102]

**FRIDAY, APRIL 7, 2017 -9:00 A.M.**

13. Introductions, Pledge of Allegiance
14. Meeting Rules and Procedures
15. Board Member Communications – Board Members and the State Board Liaison Member may discuss meetings, communications, correspondence, or other items of general interest relating to matters within the Board's jurisdiction. There will be no voting or formal action taken
16. Public Forum – Any member of the public may address the Board on any matter within the Board's jurisdiction and not scheduled for consideration at this meeting, or pending before the Board
17. Executive Officer's Report ([http://www.waterboards.ca.gov/centralvalley/board\\_info/exec\\_officer\\_reports/](http://www.waterboards.ca.gov/centralvalley/board_info/exec_officer_reports/))
18. The Board will be asked to approve items 23 through 28 with no discussion if no one is here to testify about them.

**NPDES PERMIT**

19. River Highlands Community Services District, County of Yuba, and Gold Village Land Development, LLC, Hammonton Gold Village Wastewater Treatment Plant, Yuba County – Consideration of NPDES Permit Renewal (NPDES No. CA0081574) [Brian Taylor (916) 464-4662]

**OTHER BUSINESS**

20. Update on the Activities of the CV-SALTS Public Education and Outreach Committee – Informational Item only [Glenn Meeks (916) 464-4701]

**ENFORCEMENT**

21. James G. and Amelia M. Sweeney, Sweeney Dairy – Consideration of Administrative Civil Liability [Dale Essary, (559) 445-5093]
22. James G. and Amelia M. Sweeney, Sweeney Dairy – Consideration of Cease and Desist Order [Dale Essary, (559) 445-5093]

**UNCONTESTED CALENDAR**

(Cal. Code Regs., tit. 23, § 647.2, subd. (f).)

Uncontested items are those items that are not being contested at the Board Meeting and will be acted on without discussion. If any person or Board Member requests discussion, the item may be removed from the Uncontested Calendar and taken up in the regular agenda in an order determined by the Board Chair.

**ENFORCEMENT**

23. Morning Star Packing Company, L.P. and Fred Gobel, The Morning Star Tomato Packing Plant, Colusa County – Consideration of Rescission of Cease and Desist Order R5-2016-0007
24. **NPDES PERMITS/ENFORCEMENT**
  - a. Bear Valley Water District, Wastewater Treatment Facility, Alpine County –Order R5-2016-0045 (NPDES CA0085146)(Amendment)
  - b. City of Mt. Shasta WWTP, Siskiyou County, R5-2012-0087 (Amendment)
25. **LOCAL AGENCY MANAGEMENT PROGRAMS (LAMPS)**
  - a. Glenn County Environmental Health Department
  - b. Madera County Environmental Health Division
  - c. Mariposa County Health Department
  - d. Merced County Division of Environmental Health
  - e. Nevada County Environmental Health Department
  - f. Placer County Environmental Health Department
  - g. San Joaquin County Environmental Health Department



Jeff Gouveia  
Bear Valley Water District  
441 Creekside Drive  
Bear Valley, CA 95223

March 31, 2017

Jeff:

I have enclosed our report entitled "Acute and Chronic Toxicity Testing of the Bear Valley Water District Effluent" for the samples collected March 6, 8, and 10, 2017. The results of this testing are summarized below.

**Acute Effects of Bear Valley Effluent on Rainbow Trout**

There was 100% survival in the effluent, indicating that the effluent was not acutely toxic to rainbow trout.

**Chronic Effects of Bear Valley Effluent on *Selenastrum capricornutum***

There were no significant reductions in growth; the growth NOEC was 100% effluent, resulting in 1 TUc.

**Chronic Effects of Bear Valley Effluent on *Ceriodaphnia dubia***

There were no significant reductions in survival or reproduction; the survival and reproduction NOEC were 100% effluent, resulting in 1 TUc for both test endpoints.

**Chronic Effects of Bear Valley Effluent on Fathead Minnows**

There were no significant reductions in survival or growth; the survival and growth NOEC were 100% effluent, resulting in 1 TUc for both endpoints.

If you have any questions regarding the performance and interpretation of these tests, feel free to contact my colleague Dr. Scott Ogle or myself at (707) 207-7760.

Respectfully,

Charlene  
Derheim  
*Charlene Derheim*  
2017.03.31  
08:21:35 -08'00'

Charlene Derheim  
Senior Aquatic Ecotoxicologist



Pacific EcoRisk is accredited in accordance with NELAP (ORELAP ID 4043). Pacific EcoRisk certifies that the test results reported herein conform to the most current NELAP requirements for parameters for which accreditation is required and available. Any exceptions to NELAP requirements are noted, where applicable, in the body of the report. This report shall not be reproduced, except in full, without the written consent of Pacific EcoRisk. This testing was performed under Lab Order 27097.

## Pre-Discharge System Testing

1/18/2017

Water Quality Objective (WQO)

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	ug/L	20	96	96	340
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	ug/L	20	15000		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	ug/L	4	4.8	4.8	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	24	24	30
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100mL	1.8	6.8	6.8	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	280		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.15		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02	<0.020		
1	EFF-001	CV NO2+NO3 as N Calc	Water	Nitrate + Nitrite as N	mg/L	0.06	0.15	0.15	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	19	19	30
1	EFF-001	Fe Total ICP 200.7	Water	Iron	ug/L	20	9800	9800	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	50		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	ug/L	8	3200		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	ug/L	0.4	1100	1100	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.18	0.18	1.8

1/25/2017

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	ug/L	20	37	37	340
1	EFF-001	Ammonia as N	Water	Ammonia as N	mg/L	0.1	8.1	8.1	13
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	ug/L	20	9800		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	ug/L	4	<4.0	<4.0	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	6.9	6.9	30
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100mL	1.8	22	22	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	220		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.18		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02	<0.020		
1	EFF-001	CV NO2+NO3 as N Calc	Water	Nitrate + Nitrite as N	mg/L	0.06	0.19	0.19	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	10	10	30
1	EFF-001	Fe Total ICP 200.7	Water	Iron	ug/L	20	2900	2900	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	33		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	ug/L	8	2000		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	ug/L	0.4	440	440	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.19	0.19	1.8

2/8/2017

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	mg/L	0.02	0.093	93	340
1	EFF-001	Ammonia as N	Water	Ammonia as N	mg/L	0.1	7.4	7.4	13
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	mg/L	0.02	9.7		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	mg/L	0.004	0.0072	7.2	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	4.7	4.7	30
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100mL	1.8	49	49	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	200		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.13		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02	<0.020	0.15	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	6.4	6.4	30
1	EFF-001	Fe Total ICP 200.7	Water	Iron	mg/L	0.02	2.4	2400	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	32		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	mg/L	0.008	2		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	mg/L	0.0004	0.38	3800	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.16	0.16	1.8

2/14/2017

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	ug/L	20	68	68	340
1	EFF-001	Ammonia as N	Water	Ammonia as N	mg/L	0.1	10	10	13
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	ug/L	20	8200		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	ug/L	4	<4.0	<4.0	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	4.7	4.7	30
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100mL	1.8	49	49	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	200		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.13		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02	<0.020		
1	EFF-001	CV NO2+NO3 as N Calc	Water	Nitrate + Nitrite as N	mg/L	0.06	0.14	0.14	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	6.5		
1	EFF-001	Fe Total ICP 200.7	Water	Iron	ug/L	20	2600	2600	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	27		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	ug/L	8	1700		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	ug/L	0.4	370	370	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.17	0.02	1.8

2/22/2017

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	mg/L	0.02	0.067	67	340
1	EFF-001	Ammonia as N	Water	Ammonia as N	mg/L	0.1	8.1	8.1	13
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	mg/L	0.02	8.6		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	mg/L	0.004	0.0056	5.6	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	4		
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100mL	1.8	11	11	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	210		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.12		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02	<0.020		
1	EFF-001	CV NO2+NO3 as N Calc	Water	Nitrate + Nitrite as N	mg/L	0.06	0.12	0.12	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	4.6		
1	EFF-001	Fe Total ICP 200.7	Water	Iron	mg/L	0.02	2	2000	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	29		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	mg/L	0.008	1.8		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	mg/L	0.0004	0.32	3200	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.21	0.21	1.8

# Discharge Testing

3/8 - 3/9/17

#	Sample	Analysis	Matrix	Analyte	Units	Rep Limit	Result	Result	Permit
1	EFF-001	Al Total ICP 200.7	Water	Aluminum	ug/L	20	59	59	340
1	EFF-001	Ammonia as N	Water	Ammonia as N	mg/L	0.1	8.7	8.7	13
1	EFF-001	Ca Total ICP 200.7	Water	Calcium	ug/L	20	9200		
1	EFF-001	Cu Total ICP 200.7	Water	Copper	ug/L	4 <4.0		<4.0	8.4
1	EFF-001	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	6.2	6.2	30
1	EFF-001	CV Coliform, Total 15 WW	Water	Total Coliforms	MPN/100ml	1.8	13	13	23
1	EFF-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	220		
1	EFF-001	CV Nitrate as N 300.0	Water	Nitrate as N	mg/L	0.04	0.093		
1	EFF-001	CV Nitrite as N 300.0	Water	Nitrite as N	mg/L	0.02 <0.020			
1	EFF-001	CV NO2+NO3 as N Calc	Water	Nitrate + Nitrite as N	mg/L	0.06	0.093	0.093	10
1	EFF-001	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	6		30
1	EFF-001	Fe Total ICP 200.7	Water	Iron	ug/L	20	3800	3800	300
1	EFF-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	1	31		
1	EFF-001	Mg Total ICP 200.7	Water	Magnesium	ug/L	8	1900		
1	EFF-001	Mn Total ICP 200.7	Water	Manganese	ug/L	0.4	440	440	50
1	EFF-001	Pb Tot ICP/MS 200.8	Water	Lead	ug/L	0.02	0.19	0.19	1.8
1	EFF-001 - Semi	Ammonia as N	Water	Ammonia as N	mg/L	0.1	8.6	8.6	13
1	EFF-001 - Semi	CV BOD	Water	Biochemical Oxygen Demand	mg/L	2	5.8	5.8	30
1	EFF-001 - Semi	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	1	220		
1	EFF-001 - Semi	CV Solids, TSS-SM2540D	Water	Total Suspended Solids	mg/L	1	6.8		30
1	RSW-001	Ca Total ICP 200.7	Water	Calcium	ug/L	1000	3700		
1	RSW-001	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	20	40		
1	RSW-001	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	5	13		
1	RSW-001	Mg Total ICP 200.7	Water	Magnesium	ug/L	1000 <1000			
2	RSW-002	Ca Total ICP 200.7	Water	Calcium	ug/L	1000	4400		
2	RSW-002	CV Conductivity	Water	Specific Conductance (EC)	umhos/cm	20	62		
2	RSW-002	Hardness Calc SM2340B	Water	Hardness, Total	mg/L	5	15		
2	RSW-002	Mg Total ICP 200.7	Water	Magnesium	ug/L	1000	1000		

# Totalized Flow Report

DATE	STATION	NAME	ADDRESS	TIME ON	TOTAL GAL	TOTAL CREEK FLOW	DILUTION
3/6/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	93,830	5,500,021	1.71%
3/7/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	60,060	4,315,253	1.39%
3/8/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	154,308	4,443,989	3.47%
3/9/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	18,829	5,325,327	0.35%
3/10/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	190,126	6,223,819	3.05%
3/11/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	241,920	6,178,850	3.92%
3/12/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	292,929	7,683,520	3.81%
3/13/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	95,366	9,137,791	1.04%
3/14/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	459,196	11,864,294	3.87%
3/15/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	429,404	14,707,280	2.92%
3/16/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	307,604	17,200,044	1.79%
3/17/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	518,889	24,863,296	2.09%
3/18/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	959,107	32,375,842	2.96%
3/19/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	1,028,665	31,030,606	3.32%
3/20/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	1,010,402	32,198,052	3.14%
3/21/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	998,916	35,352,192	2.83%
3/22/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	1,000,640	32,448,430	3.08%
3/23/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	1,059,612	26,303,876	4.03%
3/24/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	921,396	23,761,694	3.88%
3/25/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	816,787	21,952,930	3.72%
3/26/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	823,185	20,774,622	3.96%
3/27/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	861,103	19,538,250	4.41%
3/28/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	829,175	18,648,936	4.45%
3/29/2017	bear_valley_plc	Effluent_Flow	1001.40005	24:00:00	806,599	19,870,462	4.06%
Total					13,978,047	431,699,360	3.24%

Jeff Gouveia

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**Subject:** Emergency Service Notice

----- Original message -----

From: KMPUD <[info@kmpud.com](mailto:info@kmpud.com)>

Date: 2/9/17 8:25 AM (GMT-08:00)

To: Terry Woodrow <[twoodrow@alpinecountyca.gov](mailto:twoodrow@alpinecountyca.gov)>

Subject: Emergency Service Notice



**Community**

February 9, 2017

Dear Terry,

Due to the amount of recent rainfall, the District's wastewater storage is at capacity. The Resort is closed and customers who are in the Valley are asked to limit all water usage until further notice. Customers planning to come to Kirkwood should delay their trip until the situation improves. Please contact the District with any questions at (209) 258-4444.

Thank you,

Kirkwood Meadows Public Utility District  
P.O. Box 247, 33540 Loop Road  
Kirkwood, CA 95646

*About your Subscription: You are receiving this email either because you signed up for KMPUD Community Notices in your profile at [kmpud.com](http://kmpud.com) or you KMPUD had your email prior to the creation of the web site. If you want to be removed from this list, please either change your profile or reply to this email with the word REMOVE in the subject or text.*



## Neumiller & Beardslee

ATTORNEYS AND COUNSELORS | EST. 1903

*A Professional Corporation*

*Daniel J. Schroeder*

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NEUMILLER.COM

February 9, 2017

Jeff Gouveia  
General Manager  
Bear Valley Water District  
PO Box 5027  
Bear Valley, CA 95223

85573-36284

RE: DECEMBER 2016 LEGISLATIVE UPDATE

Dear Mr. Gouveia:

Legislation and regulatory issues are critical to you and your operations. Our Public Agency Group monitors activity within the California Legislature and Federal Rules and Regulations that may be of particular interest to you. Below you will find significant changes in the law we have identified to keep you informed on important legal issues. If you have any questions or would like to know more about these issues, please contact me.

### **AB 1732 – Single User Restrooms Must Be Designated as Unisex**

The California legislature passed AB 1732 which will eliminate the use of gender designations on single user restrooms located in public facilities. Beginning on March 1, 2017, single user restrooms must be designated as “unisex” (available for use by men or women). The new law (Health and Safety Code section 118600) defines a “single-user toilet facility” as a toilet facility with no more than one water closet and one urinal with a locking mechanism controlled by the user. These facilities can no longer be designated for use by only “men” or “women” when they are located in any “business establishment, place of public accommodation, or state or local agency.” Instead, the single-user restrooms must be identified as “all-gender” with the appropriate signage for unisex restrooms that complies with the California Building Code (a sample sign is posted to the right). This law applies only to restrooms designated as and meeting the definition of “single user” facilities and does not require multi-user restrooms to eliminate gender designations.



**Preliminary Injunction Halts FLSA Minimum Salary Increase for 'Exempt' Employees**

A significant change to the federal regulations regarding employees' exemption from overtime under the Fair Labor Standards Act was to go into effect on December 1, 2016. The new rule would increase the minimum salary an employer must pay to its exempt employees (those who perform primary duties that classify them as "executive," "administrative," "professional," "outside sales," or "computer" employees) from \$455 per week (\$23,660 per year for a full time employee) to \$913 per week (\$47,476 annually for full time workers). However, in response to lawsuit filed by 21 states, a federal district court issued a preliminary injunction preventing the rule from being implemented nationwide. Whether the new rule will eventually go into effect is uncertain and depends on the outcome of the lawsuit and potential action of the incoming President's administration.

**SB 272 – Agencies Must Post Enterprise System Catalogs on Agency Website**  
Beginning July 1, 2016, local agencies (excluding local educational agencies) are required to create, and update annually, a catalog of "enterprise systems" and post the catalog in a prominent location on the local agency's website. The catalog shall also be made available to anyone requesting a copy. These catalogs of "enterprise systems" include basic details for each defined "enterprise system," including a description of the purpose for the system, how the data is collected and updated, and the vendor providing the software or hosting the system. This law does not require local agencies to actually publish the data within the "enterprise system" online, however, these inventories will serve as a menu from which the public can request data through a California Public Records Act request.

**AB 1661 – Local Agency Officials Required to Receive Sexual Harassment Prevention Training and Education**

Beginning January 1, 2017, sexual harassment prevention training and education will be mandatory for California local agency officials and potentially for all local agency employees. Previously, state law only expressly required local agency officials to receive ethics training, while supervisory *employees* of the state, any political or civil subdivision of the state, and all cities were required to receive sexual harassment prevention training and education.

The new law (Government Code § 53237 et seq) applies to local agencies (any city, county, city and county, charter county, charter city, charter city and county, or special district) that provide any type of compensation, salary, or stipend to any local agency official (any member its legislative body and any elected official) of that agency. If one official receives compensation, all agency officials must receive training. In addition, the law gives local agencies the option to require all of its employees to receive the sexual harassment prevention training and education.

Each official or employee shall receive the training within the first six months of taking office or beginning employment and continue to receive training every two years. The training must be at least two hours in length, presented by trainers with

2.

“knowledge and expertise in the prevention of sexual harassment, discrimination, and retaliation.” The content of the training must include:

- Information and practical guidance regarding the federal and state statutory provisions concerning the prohibition against, and the prevention and correction of, sexual harassment and the remedies available to victims of sexual harassment in employment; and
- Practical examples aimed at instructing the local agency official in the prevention of sexual harassment, discrimination, and retaliation.

The training may be in the form of courses or self-study materials and tests, which can be taken at home in person or online. An entity (not necessarily the agency) that develops curricula to comply with the law must consult with the city attorney or county counsel regarding the sufficiency and accuracy of the proposed content.


The agency must keep records of the dates the training was taken and the entity that provided the training for at least five years. These records are public records subject to disclosure under the California Public Records Act.

The law was intended to eliminate confusion over whether the mandated sexual harassment prevention training under AB 1825 applied to elected officials. However, the training required under the law is in addition to and does not supersede any law requiring similar training. Therefore, self-study and take-home training may not comply with the “effective interactive training and education” required for supervisory employees under AB 1825.

#### **SB 1029 – Increased Debt Reporting Requirements**

This legislation requires the California Debt and Investment Advisory Commission (“Commission”) to compile all state and local debt information in one online location, and to track and report on all outstanding debt until fully repaid or redeemed. Further, SB 1029 requires agencies to adopt local debt policies which include specified provisions concerning the use of debt. Agencies must submit new reports of proposed debt to the Commission at least 30 days prior to issuance. All new reports shall include a certification by the issuer that it has adopted local debt policies, and that the debt issuance is consistent with those policies. A state or local agency must also report to the Commission within 21 days after the sale of debt, and provide annual reports for any issue of debt for which it has submitted a report on or after January 21, 2017.

Very truly yours,



DANIEL J. SCHROEDER  
Attorney at Law

# COLLECTION SYSTEMS SPECIALTY WORKSHOP

Less Risk, More Rewards When Managing California's Sewer Systems

Workshop Program		Manteca Speakers
7:30 a.m.*	<b>Registration/Coffee/Light Snack</b>	
8:30 a.m.	<b>Welcome, Opening Remarks and Today's Agenda</b>	Michael Flores, HDR
8:40 a.m.	<b>10 Year Anniversary of the SSS-WDR General Order in CA</b> Where we were. What's been learned? What is the vision moving forward?	Jim Fischer – Enforcement
9:05 a.m.	<b>Recent Enforcement Case Studies</b> Review Inspection Report, O&M gaps noticed, Enforcement Calculation Sheet, and Economic Benefit Analysis.	Jim Fischer – Enforcement Wendy Wyels - Region 5, Compliance and Enforcement
9:55 a.m.	<b>Break</b>	
10:10 a.m.	<b>Navigating an Enforcement Action</b> Region-specific case studies of regulatory and 3rd party enforcement actions.	Ken Merkle, Collection System Manager, City of Stockton
11:00 a.m.	<b>Optimizing Collection System Program Performance</b> Practices an agency can employ to manage and improve collection system performance with limited resources through resource optimization, use of technology, and targeted/timely maintenance.	Andy Morrison, USD (Retired)
11:50 a.m.	<b>Lunch &amp; Networking (included with registration)</b>	
12:35 p.m.	<b>CCTV Inspection Data Lifecycle – Data Acquisition to Decision</b>	Michael Flores, HDR
1:25 p.m.	<b>Agency Case Study – The Journey to Mature and Well-Functioning Data and Information Management</b> Walks through how an agency evolved to the point of well functioning data and information management and the lessons learned along the way.	Rich Cunningham, Public Works Manager, SFPUC & Albany (Retired)
1:50 p.m.	<b>Break</b>	

2.

**COUNTY OF ALPINE  
BEAR VALLEY WATER DISTRICT**

**ROSTER  
2016**

Legal Name of Public Agency: Bear Valley Water District  
PO Box 5027  
Bear Valley, CA 95223  
209-753-2112

General Manager Jeff Gouveia  
Office Manager: Judi Silber  
Board President: James Bissell  
Board Vice-President: Stefaniya Becking  
Secretary: Ken Brown  
Treasurer: John Boyle  
Director: Gunnar Thordarson

BOARD OF DIRECTORS:

TERM OF OFFICE:

Ken Brown  
4656 Winding River Circle  
Stockton, CA 95219  
209-969-3406

12-03-2015 to 12-05-2019  
Appointed 06-23-2014  
Appointed 12/03/2015

John Boyle  
541 Fanita Way  
Menlo Park CA 94025  
650-323-5438, 209-753-2148

12-06-2013 to 12-01-2017  
Appointed 12-3-2013  
AB 1234 Ethics Training 2/2016

Stefaniya Becking  
PO Box 400  
Los Gatos, CA 95031  
650-804-6155

12-06-2013 to 12-01-2017  
Appointed 11-5-2013  
AB 1234 Ethics Training 2/2016

Gunnar Thordarson  
P. O. Box 7739, 331 Winding Way  
Incline Village, CA 89451  
408-209-3234

12-03-2015 to 12-05-2019  
Elected 11-8-2011  
Appointed 12-03-2015

James D. Bissell  
17480 Madison Ave.  
Castro Valley, CA 94546  
510-886-1598

12-06-2013 to 12-01-2017  
Elected 11-3-2009  
Appointed 11-5-2013  
AB 1234 Ethics Training 2/2016

**Jeff Gouveia**

**From:** Teola Tremayne <ttremayne@alpinecountyca.gov>  
**Sent:** Thursday, February 09, 2017 10:57 AM  
**To:** Bear Valley Water District (gmbearvalleywater@sbcglobal.net);  
 bearvalleywater@sbcglobal.net; Michael Sharp (msharp@kmpud.com); Sandy McKay;  
 Amber Watts (ambersammons@gmail.com); Joanne Oehlerking (rnj111@frontier.com);  
 Stephen Hibbs (oldtimemachines@gmail.com)  
**Subject:** Moving Board Member Election Date to November of Even-Numbered Years  
**Attachments:** Resolution changing election year from odd to even numbers for Special Districts.docx

**MEMORANDUM**

**To:** Bear Valley Water District  
 CSA #1  
 Kirkwood Meadows Public Utility District  
 Markleeville Public Utility District

**From:** Teola L. Tremayne, County Clerk and Ex Officio Registrar of Voters  
**Date:** February 9, 2017  
**Subject:** Moving Board Member Election Date to November of Even-Numbered Years

The Alpine County Clerk's Office is providing you with an important update to election laws that will impact your schedule of elections. It is strongly recommended that Districts consult with their respective legal counsel regarding this matter.

**Overview of SB 415**

Senate Bill ("SB") 415 requires your district to transition from odd-year to even-year governing board elections. This memorandum provides a summary of SB 415, and an overview of the process for transitioning from odd-year to even-year elections.

On September 1, 2015, Governor Jerry Brown signed SB 415 into law. The law requires districts with regularly scheduled odd-year elections which have experienced "significant decrease in voter turnout" in the last regularly scheduled election to adopt a plan to transition to even-numbered year general elections no later than January 1, 2018. Significant decrease in voter turnout is described as voter turnout at least 25% less than the average turnout for the previous four statewide general elections.

**Districts can move 2017 governing body election to 2018**

Elections Code section 1303(b) allows the governing body of a special district the ability to transition to even-numbered year elections regardless of whether they experience decreased voter turnout.

**Fiscal impact**

Waiting until 2018 to move to even-year elections will increase your district's election cost for the 2017 election. Due to prorated cost sharing of elections, the actual cost of an election depends in large part upon the number of districts sharing the cost. Remaining districts holding odd-year elections in 2017 may experience an increase in costs.

**Steps required for district to move**

Briefly, here are the steps that Elections Code 10404 specifies:

1. The district submits a resolution at least 240 days (March 12, 2017) prior to the next board election date to the Registrar of Voters;
2. The Board of Supervisors notifies all districts of the resolution and seeks input;
3. The Board of Supervisors must approve the consolidation within 60 days unless it finds cause not to;
4. After Board of Supervisors approval, the elections official sends a notice to all registered voters regarding the change at the district's expense; and
5. The terms of incumbent officeholders are extended accordingly, in this case for one year.

I have included a sample resolution with this letter for your reference; however I recommend that you consult with your own legal counsel as to the proper format of the resolution for your district's purposes.

Thank you.

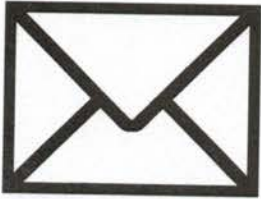
*Teola L. Tremayne* | County Clerk and ex officio

Clerk to the Board of Supervisors

County of Alpine, California

P.O. Box 158 | Markleeville, CA 96120

☎ (530) 694-2281 | 📠 (530) 694-2491



[ttremayne@alpinecountyca.gov](mailto:ttremayne@alpinecountyca.gov)

2.

BEFORE THE GOVERNING BODY OF THE  
\_\_\_\_\_**DISTRICT**\_\_\_\_\_  
COUNTY OF ALPINE, STATE OF CALIFORNIA

A Resolution of the Governing Body of the \_\_\_\_\_ District Approving the Rescheduling of Governing Body Member Elections from Odd-Numbered Years to Even-Numbered Years, in Accordance with Elections Code § 1303(b) and Senate Bill 415 (2015-2016 Regular Session), and Requesting the Approval of the County of Alpine to Consolidate the Same with the Statewide General Election Pursuant to Elections Code § 10404.

RESOLUTION NO: \_\_\_\_\_

WHEREAS, on September 1, 2015, Governor Brown signed Senate Bill 415 (Reg. Sess.), codified at Stats. 2015, ch. 235, enacting Elections Code §§ 14050-14057, which prohibits the holding of an election other than on a statewide election date if holding an election on a nonconcurrent date resulted in a significant decrease in voter turnout, as defined, and further authorizes voters to enforce this prohibition by filing an action in superior court; and

WHEREAS, the \_\_\_\_\_ District currently conducts its elections for members of the District in November of odd-numbered years (*e.g.*, November 2015) pursuant to Elections Code § 1303 subdivision (a); and

WHEREAS, voter participation in Alpine County is greater for statewide general elections than for odd-year local elections, including special district governing body member elections; and

WHEREAS, the District believes that rescheduling to even-numbered year elections may enhance voter participation and further increase the percentage of voters participating in the Special Districts elections; and

WHEREAS, it is considered the view of the District that starting with the [2018] Special Districts elections, the public interest will be better served by election of its governing body members in even-numbered year elections, held in conjunction with the statewide general elections; and

WHEREAS, the District further recognizes that there may also be a cost savings to the District resulting from aligning the District's elections with the statewide general elections; and

WHEREAS, as a result of these facts, the District desires to change the date of future governing body member elections to be consolidated with the California statewide general election in order to increase and enhance voter participation; and

WHEREAS, Elections Code § 1303(b) establishes a procedure whereby the District may change the election date for its governing body members by adopting a resolution seeking approval of the change by the Board of Supervisors of the affected county, *see* Elec. Code § 10404; and

WHEREAS, if the change in election date is approved by the Alpine County Board of Supervisors, it is requested that the new election date be moved from November of odd-numbered years to November of even-numbered years commencing in [2018] with governing body members whose terms would have expired in [2017] being extended to [2018] and governing body members whose terms would have expired in [2019] being extended to [2020], as required by Elections Code § 10404(i) (refer to Exhibit A),

NOW, THEREFORE, BE IT RESOLVED that:

1. The above recitals are true and correct.
2. The undersigned, constituting at least a majority of the members of the \_\_\_\_\_ District Governing Body, do hereby adopt this resolution to consolidate the election date for members of the District with the state general election in November of even-numbered years, beginning in [2018] pursuant to Elections Code § 1303(b).
3. The District shall forward the original copy of this resolution to the Alpine County Elections, who will compile the district resolutions, and will explain the rationale for the resolutions and request formal approval of the change by the Alpine County Board of Supervisors at a public meeting within 60 days after submission and after the resolutions have been posted in accordance with law.
4. The District shall pay the expenses of mailing notice of approval of the change in election date by the Alpine County Board of Supervisors as required by Elections Code § 10404 subdivision (f).
5. If the consolidation of election is approved by the Board of Supervisors, the date of the District's next election will be moved to November [2018], and each subsequent governing body member election will be held two years thereafter in November of even-numbered years.
6. If the consolidation of election is approved, the terms of office of current governing body members expiring in November [2017] will be extended to November [2018] and the terms of members expiring in November [2019] will be extended to November [2020] (see Exhibit A).

7. In the event that the Alpine County Board of Supervisors declines to authorize consolidation in [2018] on the grounds specified in Elections Code § 10404(e), the \_\_\_\_\_ District Governing Body requests that the Alpine County Board of Supervisors authorize such consolidation at the soonest feasible date.
8. The District and/or her designee is authorized to take such actions and execute such agreements and documentation as are necessary to effect the intent of this Resolution.

The foregoing RESOLUTION was adopted this \_\_\_\_\_ day of \_\_\_\_\_, 2017, at a regular meeting of the Governing Body of the \_\_\_\_\_ District, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Dated: \_\_\_\_\_

\_\_\_\_\_  
President

\_\_\_\_\_  
District

### CERTIFICATION

I, \_\_\_\_\_, District Secretary of the \_\_\_\_\_ District, do hereby certify that the foregoing Resolution was proposed by Governing Body Member \_\_\_\_\_, seconded by Governing Body Member \_\_\_\_\_, and was duly passed and adopted by a majority of the members of said Governing Body, at an official and public meeting thereof held on \_\_\_\_\_.

Dated: \_\_\_\_\_, Clerk

**Consolidation of Elections - California Elections Code Section 10404**

10404. (a) This section applies only to special districts electing members of the governing body in odd-numbered years. As used in this section, "special district" means an agency of the state formed pursuant to general law or special act, for the local performance of governmental or proprietary functions within limited boundaries, except a city, county, city and county, school or community college district, or special assessment district.
- (b) Notwithstanding any other law, a governing body of a special district may, by resolution, require that its elections of governing body members be held on the same day as the statewide general election.
- (1) The resolution setting the election shall also include dates that are consistent with the primary or general election with respect to nominations, notices, canvass of votes, certification of election, and all other procedural requirements of this code pertaining to the primary or general election.
- (2) The resolution shall be submitted to the board of supervisors no later than 240 days prior to the date of the currently scheduled district election.
- (c) The board of supervisors shall notify all districts located in the county of the receipt of the resolution to consolidate and shall request input from each district on the effect of consolidation.
- (d) The elections official shall prepare and transmit to the board of supervisors an impact analysis of the proposed consolidation.
- (e) The board of supervisors, within 60 days from the date of submission, shall approve the resolution unless it finds that the ballot style, voting equipment, or computer capacity is such that additional elections or materials cannot be handled. Prior to the adoption of a resolution to either approve or deny a consolidation request, the board or boards of supervisors shall each obtain from the elections official a report on the cost-effectiveness of the proposed action.
- (f) Within 30 days after the approval of the resolution, the elections official shall notify all registered voters of the districts affected by the consolidation of the approval of the resolution by the board of supervisors. The notice shall be delivered by mail and at the expense of the district.
- (g) Public notices of the proceedings in which the resolution is to be considered for adoption shall be made pursuant to Section 25151 of the Government Code.
- (h) If a special district is located in more than one county, the special district may not consolidate an election if any county in which the special district is located denies the request for consolidation.
- (i) If, pursuant to subdivision (b), a special district election is held on the same day as the statewide general election, those governing body members whose terms of office would have, prior to the adoption of the resolution, expired prior to that election shall, instead, continue in their offices until their successors are elected and qualified, but in no event shall the term be extended beyond December 31 of the year following the year in which the request for consolidation is approved by the board of supervisors.
- (j) If a board of supervisors approves the resolution pursuant to subdivision (e), the special district election shall be conducted on the date specified by the board of supervisors, in accordance with subdivision (a), unless the approval is later rescinded by the board of supervisors.
- (k) If the date of a special district election is changed pursuant to this section, at least one election shall be held before the resolution, as approved by the board of supervisors, may be subsequently repealed or amended.

3.1

**Bear Valley Water District**  
Performance vs. Budget  
February 2016 vs. February 2017

	Prior Year July 1 - Feb. 28	FY15-16 Budget	FY 15 - 16 % Budget	Current Year July 1 - Feb. 28	FY 16 - 17 Budget	FY 16 - 17 % Budget	Variance Explanation
<b>REVENUES</b>							
Residential	443,316	592,104	75%	441,579	591,000	75%	
Commercial	125,147	152,712	82%	137,134	152,000	90%	
<b>Subtotal Operating Revenue</b>	<b>568,463</b>	<b>744,816</b>	<b>76%</b>	<b>578,713</b>	<b>743,000</b>	<b>78%</b>	Revenue Target - 75%
<b>EXPENSES</b>							
Salaries & Benefits	176,069	270,147	65%	188,929	289,284	65%	
Director Expenses	1,789	6,000	30%	1,730	8,500	20%	
Operator Training & Certs	459	1,000	46%	928	1,000	93%	
Gas, Diesel, Oil & Filters	1,705	5,780	30%	4,443	13,000	34%	Sprayfield Pump Fuel
Insurance	15,340	23,045	67%	14,482	22,000	66%	
Memberships & Conferences	4,108	4,403	93%	4,878	5,000	98%	
Office Expenses & Supplies	6,368	13,000	49%	11,677	10,000	117%	New Phones / Furniture
Field Expenses & Supplies	15,646	13,000	120%	11,305	15,000	75%	
Grooming, Snow Removal and Vehicle St	1,085	2,850	38%	2,064	2,500	83%	
Engineering & Consulting	9,062	15,000	60%	1,734	15,000	12%	
Legal & Accounting	8,434	15,000	56%	8,301	10,000	83%	
Equipment Rental	350	3,000	12%	9,039	18,000	50%	Sprayfield Pump Rentals
Repairs & Maintenance	75,993	75,750	100%	53,630	61,200	88%	
Laboratory Fees	17,938	31,000	58%	18,105	21,000	86%	Predischarge Testing
Regulatory Reporting & Compliance Proje	16,586	58,300	28%	6,468	7,000	92%	
Taxes, Fees, Licenses & Assessments	27,854	30,500	91%	28,905	30,000	96%	
Utilities	32,663	55,237	59%	45,149	55,000	82%	Sprayfield Pump Electricity
<b>Subtotal Operating Expenses</b>	<b>411,448</b>	<b>623,012</b>	<b>66%</b>	<b>411,767</b>	<b>583,484</b>	<b>71%</b>	Expense Target = 67%
<b>Net Operational Income</b>	<b>157,015</b>	<b>121,804</b>	<b>129%</b>	<b>166,946</b>	<b>159,516</b>	<b>105%</b>	
<b>OTHER REVENUE</b>							
Interest Income - LAIF	534	600	89%	985	500	197%	
Late Fee, Penalties and Interest	10,274	4,000	257%	7,005	10,000	70%	
Expense Reimbursements - USFS Campg	1,895	1,895	100%	2,384	2,384	100%	
Expense Reimbursements - Concessionn	3,285	3,285	100%	4,439	4,439	100%	
Misc Other Income	5,787	UBD	UBD	60	0	UBD	
<b>Subtotal Other Revenue</b>	<b>21,776</b>	<b>9,780</b>	<b>223%</b>	<b>14,872</b>	<b>17,323</b>	<b>86%</b>	
<b>OTHER EXPENSES</b>							
Loan Interest	14,611	21,604	68%	13,684	20,156	68%	
Depreciation	64,107	115,000	56%	53,929	96,348	56%	Assets fully depreciated
Compliance -(Regulatory Reserve)	35,284	50,000	71%	0	UBD	0%	
Municipal Ordinances	945	2,500	38%	0	UBD	0%	
<b>Subtotal Other Expenses</b>	<b>114,947</b>	<b>189,104</b>	<b>61%</b>	<b>67,613</b>	<b>116,504</b>	<b>58%</b>	
<b>Net Other Income</b>	<b>(93,171)</b>	<b>(179,324)</b>	<b>52%</b>	<b>(52,741)</b>	<b>(99,181)</b>	<b>53%</b>	
<b>NET INCOME</b>	<b>63,844</b>	<b>-57,520</b>	<b>211%</b>	<b>114,206</b>	<b>60,335</b>	<b>189%</b>	
<b>NON CASH EXPENDITURES (Included in net income)</b>							
Depreciation	64106.64	115000	56%	53,929	96,348	56%	
<b>Subtotal Non-Cash Expenses</b>	<b>64106.64</b>	<b>115000</b>	<b>56%</b>	<b>53,929</b>	<b>96,348</b>	<b>56%</b>	
<b>CASH EXPENDITURES ( Not Included in net income)</b>							
Capital Improvements / Replacements	(66,742)	(66,500)	100%	(63,741)	(66,500)	96%	
Loan Payments - Principal	(22,947)	(36,182)	63%	(23,874)	(36,182)	66%	
<b>Subtotal Addl Cash Expenses</b>	<b>(89,689)</b>	<b>(102,682)</b>	<b>87%</b>	<b>(87,616)</b>	<b>(102,682)</b>	<b>85%</b>	
<b>NET CASH FLOW</b>	<b>38,262</b>	<b>-45,202</b>	<b>185%</b>	<b>80,519</b>	<b>54,001</b>	<b>149%</b>	

# Balance Sheet Prev Year Comparison

As of February 28, 2017

	Feb 28, 17	Feb 29, 16	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
Checking/Savings				
11015 · F&M Bank	399,850.12	340,401.65	59,448.47	17.46%
11018 · LAIF	298,449.71	296,743.47	1,706.24	0.58%
11020 · Petty Cash	50.00	50.00		
11025 · Capital Facilities Fund	21,656.00	21,656.00		
<b>Total Checking/Savings</b>	<b>720,005.83</b>	<b>658,851.12</b>	<b>61,154.71</b>	<b>9.28%</b>
Accounts Receivable				
11050 · Accounts Receivable	18,520.92	3,566.77	14,954.15	419.26%
<b>Total Accounts Receivable</b>	<b>18,520.92</b>	<b>3,566.77</b>	<b>14,954.15</b>	<b>419.26%</b>
<b>Other Current Assets</b>				
11055 · Accounts Receivable-Tax Roll	6,680.42	9,167.02	-2,486.60	-27.13%
11140 · Prepaid Insurance	3,323.26	7,823.97	-4,500.71	-57.53%
<b>Total Other Current Assets</b>	<b>10,003.68</b>	<b>16,990.99</b>	<b>-6,987.31</b>	<b>-41.12%</b>
<b>Total Current Assets</b>	<b>748,530.43</b>	<b>679,408.88</b>	<b>69,121.55</b>	<b>10.17%</b>
<b>Fixed Assets</b>				
12010 · Land	25,805.16	25,805.16		
12020 · SbSrfLine	1,196,893.29	1,196,893.29		
12040 · Col Facilities	350,514.48	350,514.48		
12041 · LA Facilities	166,428.79	159,537.86	6,890.93	4.32%
12050 · TRT Facilities	1,122,304.14	1,003,576.94	118,727.20	11.83%
12060 · DSP Facilities	1,176,053.58	1,168,559.22	7,494.36	0.64%
12080 · P & A (Plant & Admin)Facilities	340,264.59	340,264.59		
12100 · Accumulated Depreciation	-2,426,960.64	-2,340,601.64	-86,359.00	-3.69%
14030 · Work in Progress				
14030.0 · W.I.P. - GIS Consulting Support	11,544.00		11,544.00	100.0%
14030.3 · W.I.P. - Irrigation Pump Projec		3,308.65	-3,308.65	-100.0%
14030.6 · Treatment Pond Dock		10,582.36	-10,582.36	-100.0%
14030.8 · SCADA Monitoring Alarm System	92,187.61	61,385.47	30,802.14	50.18%
14030.9 · W.I.P.-SMARTCOVER Monitor/Alarm	15,130.13	10,235.68	4,894.45	47.82%
<b>Total 14030 · Work in Progress</b>	<b>118,861.74</b>	<b>85,512.16</b>	<b>33,349.58</b>	<b>39.0%</b>
14030.4 · W.I.P.-Phase Converter L.A.		6,890.93	-6,890.93	-100.0%
15000 · Chlorine Contact Tank Project		108,144.84	-108,144.84	-100.0%
<b>Total Fixed Assets</b>	<b>2,070,165.13</b>	<b>2,105,097.83</b>	<b>-34,932.70</b>	<b>-1.66%</b>
<b>Other Assets</b>				
16500 · USFS Special Use Permit	8,343.60		8,343.60	100.0%
16501 · Mixing Zone Study	2,327.00		2,327.00	100.0%
<b>Total Other Assets</b>	<b>10,670.60</b>		<b>10,670.60</b>	<b>100.0%</b>
<b>TOTAL ASSETS</b>	<b>2,829,366.16</b>	<b>2,784,506.71</b>	<b>44,859.45</b>	<b>1.61%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				

# Balance Sheet Prev Year Comparison

As of February 28, 2017

	Feb 28, 17	Feb 29, 16	\$ Change	% Change
<b>Accounts Payable</b>				
21021 · Accounts Payable	4,328.92	6,123.05	-1,794.13	-29.3%
<b>Total Accounts Payable</b>	4,328.92	6,123.05	-1,794.13	-29.3%
<b>Other Current Liabilities</b>				
21090 · Payroll Liabilities	10,224.89	8,886.33	1,338.56	15.06%
2110 · Direct Deposit Liabilities	3.54	0.43	3.11	723.26%
22021 · Accrued Vacation	13,038.38	10,399.73	2,638.65	25.37%
<b>Total Other Current Liabilities</b>	23,266.81	19,286.49	3,980.32	20.64%
<b>Total Current Liabilities</b>	27,595.73	25,409.54	2,186.19	8.6%
<b>Long Term Liabilities</b>				
26025 · F&M Bank Loan	505,527.97	541,191.44	-35,663.47	-6.59%
<b>Total Long Term Liabilities</b>	505,527.97	541,191.44	-35,663.47	-6.59%
<b>Total Liabilities</b>	533,123.70	566,600.98	-33,477.28	-5.91%
<b>Equity</b>				
25000 · Open Bal Equity		71,081.93	-71,081.93	-100.0%
29000 · Retained Earnings	2,182,036.95	2,082,979.73	99,057.22	4.76%
<b>Net Income</b>	114,205.51	63,844.07	50,361.44	78.88%
<b>Total Equity</b>	2,296,242.46	2,217,905.73	78,336.73	3.53%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>2,829,366.16</b>	<b>2,784,506.71</b>	<b>44,859.45</b>	<b>1.61%</b>

# BWVD

## A/P Aging Summary

As of January 31, 2017

Prepays January 2017	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Alpine County Recorders Office	30					30	Lien Release
A.T. & T.	356					356	Telephone (1 Mos. + Adjust)
A.T. & T.	274					274	Telephone (1 Mos. + Adjust)
A.T. & T.	61					61	U-Verse for Equipment Hse.
A.T. & T.	50					50	U-Verse for Main Office
Capital Bank & Trust	1,079					1,079	Simple IRA - Employees
Card Services	1,144					1,144	Office, Field, Cloud, Contact
Cheq Processing	41					41	Simply Deposit
E.D.D.	163					163	State Payroll Taxes - Q4 2016
E.D.D.	676					676	State Payroll Taxes
E.D.D.	644					644	State Payroll Taxes
E.D.D.	160					160	State Payroll Taxes - QRLY DE9
Esri	4,544					4,544	Asset Management Software-Data Conversion
Esri	7,000					7,000	Asset Management Software-Mapping
F&M Bank	4,695					4,695	Principal & Interest on Loan
Guy West	74					74	Mileage Reimbursement
I.R.S.	1,844					1,844	Federal Payroll Taxes - 12/30/2016
I.R.S.	1,882					1,882	Federal Payroll Taxes
I.R.S.	1,697					1,697	Federal Payroll Taxes - 941 2016
I.R.S.	1,846					1,846	Federal Payroll Taxes
Lake Alpine Water	166					166	Water for Main Office
P.G.&E.	2,395					2,395	Electricity
SDRMA	404					404	Dental, Vision, Life Insurance
SDRMA	1,672					1,672	Health Insurance
SDRMA	52					52	Dental Insurance - Reimbursed
Terry Woodrow	30					30	Notary Fees
TOTAL	32,977					32,977	

Accounts Payable January 2017	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Alpha Analytical Laboratories Inc.		1,014				1,014	Laboratory Analysis
Alpine County Public Works	78	15				94	Fuel
Alternative Energy Co.		479				479	Preventative Maintenance-Radiant Heating PM

# BVWD A/P Aging Summary As of January 31, 2017

Accounts Payable January 2017	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Balance Hydrologics, Inc		3,993				3,993	Steamflow Measurement
Bear Valley Cross Country, Inc		204	-750			-546	Parking Passes
Bear Valley Snowmobile Inc.	213					213	Snowmobile Repairs
California Assoc. of Sanitation Agencies		1,607				1,607	Membership
Card Services	1,574					1,574	Office, Field Supplies, Intuit,
Clay Eastman Snow Removal		937				937	Snow Removal
Columbia Communications Inc.		39				39	Pager Fees
De Nora Water Technologies, Inc.		843				843	Chlorine Gas Regulator Maint
EBBETTS PASS GAS CO. Inc.		411				411	Propane for Main Office
Edbetts Pass Lumber Co. Inc.		429				429	Field Supplies
Employment Development Department		70				70	State Payroll Taxes
Jeff Gouveia		47				47	Reimbursement
Pioneer Electric		981				981	R & Maintenance
Stantec Consulting Services Inc.		5,071				5,071	3rd Tri Annual & Mixing Zone Study Work Plan
<b>TOTAL</b>	<b>1,865</b>	<b>16,142</b>	<b>-750</b>			<b>17,257</b>	

# BVWD

## A/P Aging Summary

As of February 28, 2017

Prepays February 2017	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
A.T&T.	80					80	U-Verse Equipment Hse
A.T&T.	137					137	Telephone for LA Boat Ramp & Main Pump
A.T&T.	233					233	Telephone for Main Office
A.T&T.	67					67	U-Verse for Main Office
Alpine County Recorder	319					319	APN Maps
Capital Bank & Trust	700					700	Simple IRA - Employees
Card Services	1,574					1,574	Office, Field Supplies, Quickbooks, Cloud
CHEQ Processing	61					61	Simply Deposit Fees - January
CHEQ Processing	85					85	Simply Deposit Fees - February
E.D.D.	70					70	SDI - December 2016
E.D.D.	477					477	State Payroll Taxes
E.D.D.	249					249	State Payroll Taxes
F&M Bank	4,695					4,695	Principal & Interest on Loan
Greg's Mobile Repair	408					408	Chevy P.U. Truck - Tailgate Latch
Guy West	37					37	Mileage Reimbursement
I.R.S.	1,694					1,694	Federal Payroll Taxes
I.R.S.	1,678					1,678	Federal Payroll Taxes
Lake Alpine Water	179					179	Water for Main Office
PGE	2,672					2,672	Electricity
Robert Mackey	271					271	Refund
SDRMA	1,672					1,672	Health Insurance
SDRMA	404					404	Dental, Vision, Life Insurance
State Water Resources Board	3,885					3,885	NPDES Permit
<b>TOTAL</b>	<b>21,647</b>					<b>21,647</b>	

Accounts Payable February 2017	Current	42,765	31 - 60	61 - 90	> 90	TOTAL	Description
Alpha Analytical Laboratories Inc.		1,531				1,531	Lab Analysis
Aqua Sierra Controls, Inc.		316				316	Computer Programming
Ebbetts Pass Lumber Co. Inc.		439				439	Field Supplies
Guy West		25				25	Mileage Reimbursement
Hach		331				331	Field Supplies
Jeff Gouveia		165				165	Mileage Reimbursement

**BWVD**  
**A/P Aging Summary**  
As of February 28, 2017

Accounts Payable February 2017	Current	42,765	31 - 60	61 - 90	> 90	TOTAL	Description
Pioneer Electric		215				215	Repair & Maintenance
Sierra Chemical Co. Inc.		486				486	Sodium Bisulfite
Telstar Instruments Inc.	740					740	Rotometer Repair
Weber Ghio and Associates, Inc		82				82	Engineering
<b>TOTAL</b>	<b>740</b>	<b>3,589</b>	<b>0</b>			<b>4,329</b>	

# **BVWD Accounts Receivables March 31, 2017 vs. March 31, 2016**

## **Accounts Receivables as of March 31, 2017**

	<b>Current</b>	<b>1 - 30</b>	<b>31 - 60</b>	<b>61 - 90</b>	<b>&gt; 90</b>	<b>TOTAL</b>
<b>TOTAL</b>		<b>-560.39</b>	<b>-1,037.27</b>	<b>19,306.11</b>	<b>-29,793.12</b>	<b>-12,084.67</b>
<b>TOTAL CREDITS</b>		-858.61	-2,784.44	-34.89	-36,525.94	(40,203.88)
<b>TOTAL DEBITS</b>		298.22	1,747.17	19,341.00	6,732.82	28,119.21
<b>TOTAL</b>		<b>-560.39</b>	<b>-1,037.27</b>	<b>19,306.11</b>	<b>-29,793.12</b>	<b>(12,084.67)</b>

## **Accounts Receivables as of March 31, 2016**

	<b>Current</b>	<b>1 - 30</b>	<b>31 - 60</b>	<b>61 - 90</b>	<b>&gt; 90</b>	<b>TOTAL</b>
<b>TOTAL</b>	-325	2,101.89	905.2	14,325.20	(20,931.37)	(3,924.08)
<b>TOTAL CREDITS</b>	-325	-332.37	(1,229.56)	(2,222.62)	(33,065.25)	(37,174.80)
<b>TOTAL DEBITS</b>	0	2,434.26	2,134.76	16,547.82	12,133.88	33,250.72
<b>TOTAL</b>	<b>-325</b>	<b>2,101.89</b>	<b>905.2</b>	<b>14,325.20</b>	<b>(20,931.37)</b>	<b>(3,924.08)</b>

## Significant Credit and Debits as of January 20, 2017

Credits						
	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
BV104				271.11	-2,827.79	-2,556.68
CS033					-1,788.55	-1,788.55
CS024			-271.11		-1,355.55	-1,626.66
CS022			-271.11		-1,355.55	-1,626.66
SM307			-328.89		-1,111.12	-1,440.01
CS020					-1,223.59	-1,223.59
BV092				-34.89	-926.01	-960.90
OS310					-855.42	-855.42
CS002					-813.33	-813.33
BV109				241.44	-1,015.93	-774.49
CS042		-28.89			-631.12	-660.01
CS088/90					-542.22	-542.22
TM004			-271.11		-271.11	-542.22
BV217				271.11	-813.33	-542.22
CS032					-487.00	-487.00
CS046					-433.00	-433.00
CS003					-433.00	-433.00

Debits						
	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
BV258			27.11	271.11	233.72	531.94
BV179			27.11	271.11	295.44	593.66
CS083			27.11	271.11	298.22	596.44
BV365			27.11	271.11	298.22	596.44
OS413			27.11	271.11	298.98	597.20
BV031			27.11	271.11	325.33	623.55
TM009			27.11	271.11	596.44	894.66
CS116			27.11	271.11	596.44	894.66
BV373			27.11	271.11	596.44	894.66
CS105			188.01	271.11	596.44	1,055.56
CS006			184.95	271.11	623.55	1,079.61
BV394			27.11	271.11	895.27	1,193.49