



BEAR VALLEY WATER DISTRICT

BOARD MEETING

June 11, 2018 - 9 A.M.

Conference Room

441 Creekside Drive, Bear Valley, CA 95223

Call- In Info: 605-475-5920 Access Code: 475-0045

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 April 9, 2018 Board Meeting minutes**
2. **Bee Gulch Lift Station Upgrade** – Discussion and Possible Action Item
3. **FY 18 - 19 Preliminary Budget Proposal** - Discussion and Possible Action Item
4. **Alpine County Hazard Mitigation Plan - Resolution 496** - Discussion and Possible Action Item
5. **Operations Report** – General Manager
6. **Financial Report** – General Manager
 - 6.1 P&L and Balance Sheet Reports - Discussion and Possible Action Item
 - 6.2 Accounts Payable Report - Discussion and Possible Action Item
 - 6.3 A/R & Aging Reports – Discussion
7. **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.bvwd.ca.gov>, 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.



Minutes Regular Board Meeting

DECLARATION OF A QUORUM

President James Bissell called the meeting to order at 9:10 A.M. Directors present were Vice President, Stefaniya Becking, Secretary, Ken Brown, Treasurer John Boyle, and Director Gunnar Thordarson. Staff present were General Manager Jeff Gouveia and Office Manager Judi Silber. No public attended.

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 January 22, 2018 Board Meeting Minutes.

Motion/Boyle Second/Brown to accept the January 22, 2018 Minutes as presented.

ALL AYES; MOTION CARRIED.

2. Division of Safety of Dams (DSOD) Compliance Proposals – Discussion and Possible Action Item

GM presented proposals from (5) engineering firms to provide a dam break analysis and create an inundation map for the District's Dam No. 1088 to meet recent DSOD requirements. GM recommended the proposal from Mead & Hunt based on the inclusion of costs related to potential amendments necessary following DSOD comment on the original submission. Mead & Hunt are performing similar work for the Calaveras County Water District. The final DSOD regulations are anticipated this fall and GM intends to commission the work once the final regulations are released. Vice President Becking indicated she knew the General Manager at Yolo County Water District, a client of Mead & Hunt, and would be glad to consult with him for an additional point of reference. Director Becking also expressed support for a local vendor. President Bissell expressed a favorable position on Mead & Hunt for the District to meet the requirements. Treasurer Boyle recommended having Condor Earth sign for a Standard Industry Liability Policy the size of their fee or \$5K.

GM Gouveia noted he is confident the District can complete the associated emergency action plan (EAP) in house once the dam break analysis and inundation map are complete. The District's dam No. 1088 is classified as a "significant" hazard dam classification. Based on this level of classification, the (EAP) must be submitted no later than January 1, 2021. GM plans to complete and submit the entire EAP this fiscal year.

Motion/Bissell Second/Boyle to authorize GM Gouveia to move forward with the hiring of a consultant of his choice based on references.

ALL AYES; MOTION CARRIED

3. Personnel Manual Update – Resolution 495 - Discussion and Possible Action Item

GM presented a revised employee manual based on a template from HR California. The emphasis in this latest revision was to ensure compliance with current state and federal employment policies as well as to update the manual to reflect how the District is operated today.

Legal Counsel Schroeder reviewed the manual and specifically provided comment on on-duty lunch periods, rest periods, banked time, call-out time and overtime.

Motion Boyle Second Thordarson to accept the Personnel Manual as presented.
ALL AYES; MOTION CARRIED

4. Capacity Charges (Buy-In Fee) – Ordinance 73 - Discussion and Possible Action Item

Legal Counsel Dan Schroeder advised GM that a public hearing was not legally required for the Board to increase capacity charges. The District simply must post a notice of intent on the door five days before the meeting. District Engineer Ghio's memorandum dated January 9, 2018, recommended the adoption of Ordinance No. 73, amending Ordinance No. 71 based on several years of creek flow data and other information that was not previously available. The District's current NPDES permit, removing two-thirds full clause and applying dilution credits for certain constituents, has enabled the District to discharge two consecutive years in a row. This has resulted in an increase in capacity of an additional 1,196 EDUs for a total District capacity of 1,846 EDUs. The District's depreciation schedule was updated to reflect the actual cost of the District's collection, treatment and disposal systems using the ENR 20 City Construction Cost Index to escalate the assets to a 2018 basis. The District Engineer's calculation of the Buy-In-Fee using this new information is \$7,370 per EDU. Treasurer Boyle stated that the District needs to stress that the increase is not due to inflation just clearer data.

Motion Bissell Second Boyle to adopt amended Ordinance No. 73.
ALL AYES; MOTION CARRIED.

5. Reserve Funds - Discussion and Possible Action Item

Discussion ensued on funding the (3) new reserve funds as follows:

1. Sewer Operations and Maintenance (O & M) Emergency Reserve Fund - \$150,000.
2. Sewer Capital Improvement & Replacement Program (CIP) Reserve Fund - \$425,000.
3. Sewer System capacity Fee Reserve Fund - \$21,656.

The District's auditor Robert Johnson, CPA was consulted and expressed support for this approach and advised staff to use the "pool" approach to account for these funds on the balance sheet in lieu of opening separate bank accounts. Treasurer Boyle recommended waiting until this fiscal year end to fund the reserves based on the real bank balances and the proposed FY18/19 budget.

Motion Boyle Second Thordarson to fund the (3) new reserve funds at year-end
ALL AYES; MOTION CARRIED.

Operations Report – General Manager

See attachment.

6. Financial Report – General Manager

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

Motion Boyle Second Becking to accept the P&L and Balance Sheet as presented.
ALL AYES; MOTION CARRIED.

6.2 Accounts Payable Report - Discussion and Possible Action Item

Motion Boyle Second Becking to accept the Accounts Payable Reports as presented.
ALL AYES; MOTION CARRIED

6.3 A/R & Aging Reports – Discussion

The Accounts Receivable total on April 5, 2018 was **\$128,688.23** versus the Accounts Receivable total on April 5, 2017, in the amount of \$132, 173.78. The variance was \$9K increased credits in 2018.

6.4 FY 2016-17 Audit - Discussion and Possible Action Item

Motion Bissell Second Boyle to accept the FY 2016-17 Audit Reports as presented.
ALL AYES; MOTION CARRIED

7. Board Member Reports

The next board meeting was set for Monday, June 11th at 9:00 a.m. President Bissell adjourned the board meeting at 2:14 p.m.

AGENDA ITEM

DATE: APRIL 9, 2018

TO: BVWD BOARD OF DIRECTORS

FROM: JEFF GOUVEIA, DISTRICT GENERAL MANAGER

RE: MONTHLY OPERATIONS REPORT

1. Collections, Treatment & Disposal Operations - Update

a. Flows - Influent Flows & Pond Transfers

The Influent Flows (MG) for April 1-4, 2018 was .958 versus April 2017 6.586 (MG)

a. Volumes - Storage, Capacity & Disposal

Volume of water moved from Treatment to Storage was .958.

Current Storage Volume is $7076.3 \div 35.85 \text{ MG} = 46.92\%$

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

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

i. Reporting Status Matrix – All Reporting Submitted On-Time

February 2018 submitted on time.

b. NPDES MRP – Surface Water Discharge Permit – Compliance & Reporting Update

i. Reporting Status Matrix – All Reporting Submitted On-Time

February 2018 submitted on time.

ii. Self-Monitoring Report Review – March 8, 2018 - No Violations / Annual Report Submitted

2017 Annual Operations Report submitted on January 30, 2018.

iii. Central Valley Board – New Director – Patrick Pulupa

CVWB selected Patrick Pulupa as its next Executive Officer (EO). Starting March 1, Pulupa will work alongside of Pamela Creedon, the current EO. Mr. Pulupa has been the CVWB's legal counsel since 2007.

3. Other

a. Department of Water Resources – March 8

i. Notification of Annual Fee Increases

The Department of Water Resources notified the District of an annual fee increase for fiscal year 2018/2019. With the recent program expansion and additional regulatory oversight required statewide, additional fee increases may be required over the next five years.

ii. California Dam Safety Program

Effective July 1, 2017 dam owners are required to prepare an emergency action plan (EAP). The Division of Dam Safety notified the District that its Dam No. 1088 status has been classified as a "significant" hazard dam. The District was previously exempt these requirements. The District has never prepared a dam break analysis, inundation map, or emergency action plan for the Dam No. 1088. GM submitted bids and recommendations to the Board for review and direction.

b. Web Site Update

GM has completed the new web site. The board gave mixed reviews. Some members thought that there might be too much information on the site. Otherwise, it is a great web site with valuable information. The board commended GM Gouveia's hard work on the site.

ACTION: GM to find out where and how we can backup and store data off of the server.

The District needs a backup plan to archive our new site.

AGENDA ITEM

DATE: JUNE 11, 2018

TO: BVWD BOARD OF DIRECTORS

FROM: JEFF GOUVEIA, DISTRICT GENERAL MANAGER

RE: BEE GULCH LIFT STATION UPGRADE

BACKGROUND & DISCUSSION:

The Lake Alpine Sewage Collection and Export System, including (3) lift stations and several miles of gravity and force main subsurface collections line, was designed and engineered by Gretzinger & Weatherby Civil Engineers (Jackson, California) in March 1974. The "Lake Alpine Permittee Association" station, more commonly known today as the "Bee Gulch" lift station, is a duplex lift station installed between 1977-1979 which today services (12) residential Special Use Permit (SUP) cabins on federal lands in the Lake Alpine basin. The station pumps effluent via force main to the Lake Alpine Boat Ramp lift station which then pumps effluent to the main pump station in Bear Valley.

The "Bee Gulch" lift station has performed exceedingly well over the past 40 years with no known sewer overflows or other issues, particularly notable in light of the fact that the station currently contains all original 1977-79 components including original motor control panel, (2) 230v, single-phase ¾ HP Peabody-Barns pumps, all rigid iron plumbing, check valves, etc. To date, as far current staff is aware, the pumps have never been removed or serviced as is typically performed at the District's other facilities principally due to the fact that they are hard plumbed in place and impossible to extract without confined space entry.

Staff has identified this lift station as the most critical component of the collection network in need of attention as many or all of the components are at the end of or even beyond their useful life making the station vulnerable to a potential sewer system overflow (SSO).

Under the guidance of the District Engineer, the following scope of work was developed for this proposed upgrade:

- Remove the existing steel manhole cover and install a new lift up lid assembly in the concrete
- Install new, permanent crane to lift out old concrete sections as well as to install the new wet well pumps and eventually for pump maintenance purposes
- Enter the wet well using confined space entry, disconnect power from the pumps and manually cut the discharge pipes; remove old pumps and discharge pipes
- Weld in a new 3" steel wye or tee with FNPT threads; screw into the threads two new cam lock hose fittings
- Connect new flexible hoses to each pump using the NPT cam lock fitting
- Install new stainless steel lifting cable to each pump and lower pumps into the wet well using the crane; pull the motor leads thru existing conduit up to the motor control panel
- Remove the existing motor control panel; install a new Data Flow Systems (DFS) TCU001 pump controller panel; terminate motor leads and power connections to the new panel;
- Install new wet well level transducer and backup redundancy floats; set the floats to provide high alarm and redundant control backup; pull motor leads from the pumps and terminate them in the panel

- Startup and test pumps and electrical

Therefore, on behalf of the District, the General Manager solicited proposals from four (4) reputable contracting firms selected by staff which has experience with public sector lift station upgrade work.

The firms contacted and solicited for proposals included:

- Aqua Sierra Controls – Auburn, CA – Tel: 530.823.2341
- Haley Contracting – Stockton, CA – Tel: 209.463.2517
- Cooper Controls, Inc. – Stockton, CA – Tel: 209.339.4571
- Shape Incorporated – Stockton, CA – Tel: 209.234.5909

Proposals received are as follows:

- Aqua Sierra Controls – \$50,524.22
- Haley Contracting - \$67,264.00
- Cooper Controls, Inc. – \$98,700.00
- Shape Incorporated – \$23,420.00 (Materials Only, No Installation)

RECOMMENDATION:

The proposals received from the four (4) contracting firms which submitted proposals are responsive to the request and appear to provide the requested deliverables in order to complete the scope of work on schedule.

Each of the firms appears to have similar experience and qualifications with pump and control panel installation in California and offer licensed and experienced professionals.

It is recommended that the Board authorize the General Manager to contract with Aqua Sierra Controls the Bee Gulch Lift Station upgrade project according to the scope of work provided for \$50,524.22 per their proposal.

ACTION:

1. Motion to Accept the proposal from Aqua Sierra Controls for \$50,524.22

Attachments:

- Aqua Sierra Controls
- Haley Contracting
- Cooper Controls, Inc.
- Shape Incorporated

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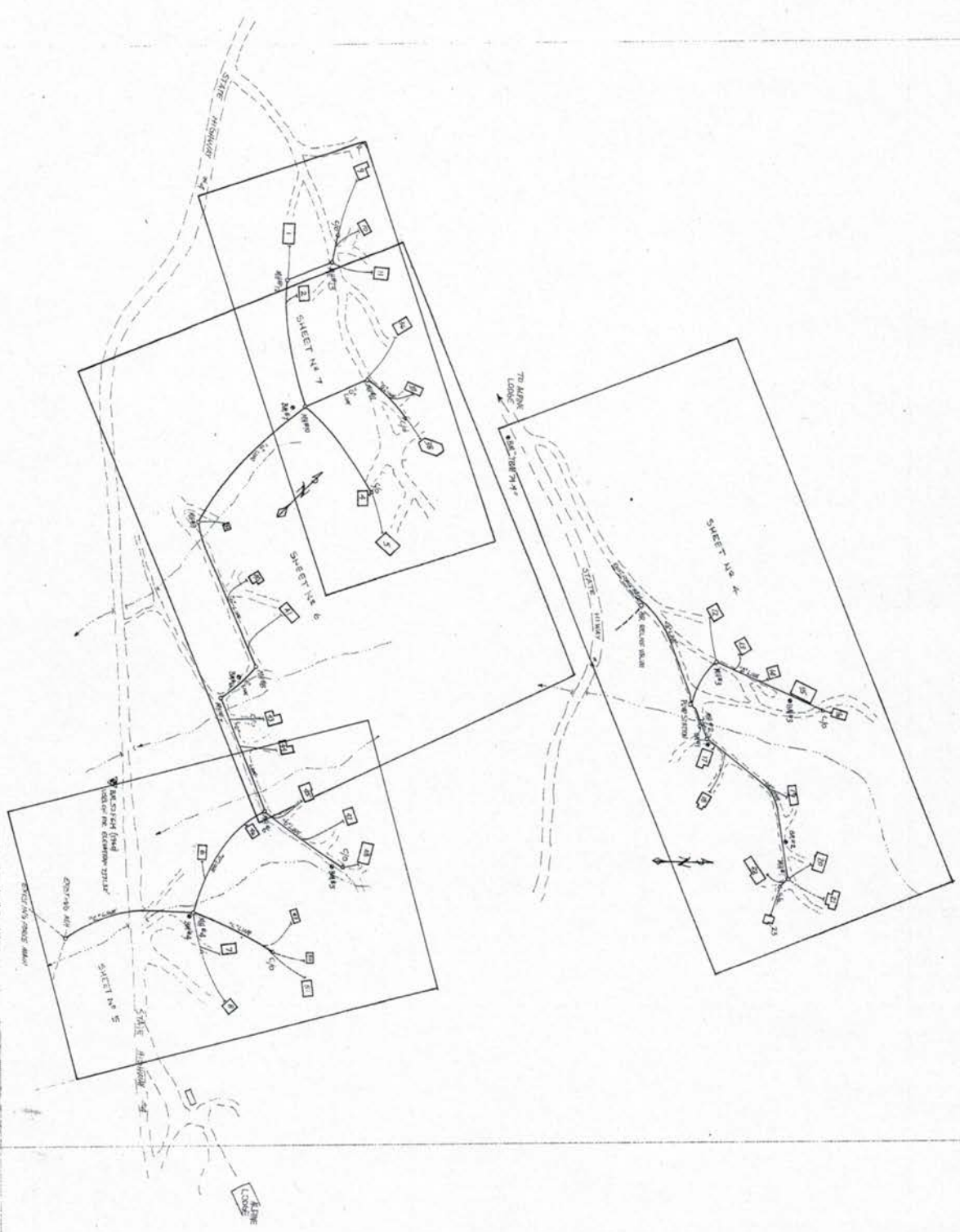
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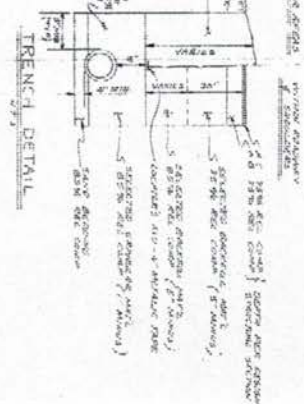
LAKE ALPINE PRINTERS ASSOCIATION SHEET LAYOUT



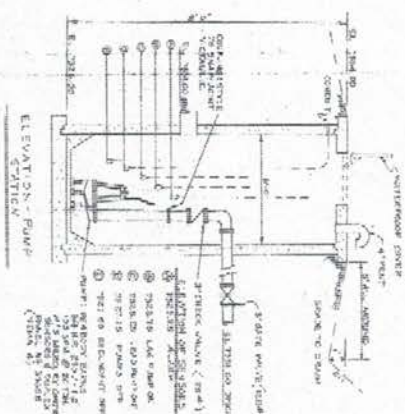
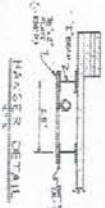
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8/23/77

2/7



MANHOLE DETAIL

[illegible]

LAKE ALPINE PROPERTY ASSOCIATION
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Aqua Sierra Controls, Inc.

**Engineering General and Electrical Contractor
Sales & Service (800) 649-4287**



1650 Industrial Drive, Auburn, CA 95603
Office (530) 823-3241 Fax (530) 823-3475
service@aquasierra.com/www.aquasierra.com
Contractor License 474023 A & C-10

DESIGN BUILD - SCADA – AUTOMATION - MOTOR CONTROLS
PUMP STATIONS - UL508 PANEL SHOP - INSTRUMENTATION SERVICES AND
TESTING - FLOW STUDIES AND EVALUATION

March 19, 2018

Bear Valley Water District
PO Box 5027
Bear Valley, CA 95223

Attention: Jeff Gouveia

Subject: Up Grade Lift Station
Re: Bee Gulch
Quote: QA05239 Revised

Dear Jeff,

The following is an updated proposal for the work we quoted back in July 2017. This quote will include Prevailing wage rates for Comm system tech, Inside wireman and plumber/Pipefitter. The equipment pricing previously quoted has escalated in price and we have had to add some items we forgot to quote.

Thanks for the opportunity to provide a quote for the lift station upgrade. Our scope of work includes.

1. Remove the steel manhole cover and jack hammer out the steel ring. Mark the new dimensions for the new lift up lid assembly on the concrete. Mark a line thru the center of the markings representing half of the lid. Only half of the concrete top will be cut at a time to conserve weight of the slab being removed. Use the existing steel bails that are concreted in the top for lifting out the top section after it has been cut.

2. Install a new permanent Davit crane rated at 1000lbs. This crane will be used to lift out each section of the concrete sections of the wetwell cover after it is saw

cut. This crane will also be used to lift out and install the new wetwell pumps for maintenance purposes.

3. Saw cut marked out section of concrete top and remove in two sections. Each section will weight Approx. 350 lbs. easily lifted by the Davit crane. Set the new aluminum flanged lift up door frame and fasten down with SS 3/8" X 3" red heads

4. Enter the wetwell using confined space entry. Disconnect power from the pumps and manually cut the discharge pipes, so that the pumps can be removed. Modify the discharge pipe that passes thru the wetwell and cut out the 2" splitter by cutting off the pipe just inside of the wetwell where the two pump discharge pipes meet. Weld in a new 3" steel wye or with FNPT threads on the remaining pipe stub. Screw into the threads two new Cam lock hose fittings

5. Install mating cam lock fitting on each pump to connect the opposite end of the new hose too. Connect new flexible hose to the pump using the NPT cam lock fitting. Install a stainless steel lifting cable to each pump and lower pumps into the wetwell using the Davit crane. Hang the stainless cable on a hook at the wetwell opening. Connect the discharge hose to the cam lock fitting at the wye connection. Pull the motor leads thru existing conduit up to the MCC panel.

6. Remove the existing MCC panel and install the new panel in its place. Terminate the motor leads and power connections to the new panel. Install new alarm and backup redundancy floats, Install a new KPSI 750 wetwell level transducer with a model 845 Bellows JIC box. Set the floats to provide high alarm and redundant control backup. Pull the Motor leads from the pumps and terminate them in the panel.

7. Startup and test pumps and electrical.

Parts, Materials and Equipment

1. (2) Myers WHR10H submersible sewage pump, 1-HP 230VAC 1-PH with 2" FNPT discharge connection
2. (2) Sharpe 2" check valve
3. (4) 2" Cam lock fitting set, includes discharge hose Cam lock twist fitting on the opposite end.
4. (2) 3" Cam lock fitting set with 3" hose for connection from Wye fitting to 3" valve.
5. (1) completely assembled Hoffman A363008LP MCC enclosure, with equipment back panel, hinged swing out inner door and hinged outer door, rated Nema 12. The enclosure is pre-wired and tested for the DFS TCU-001 pump controller and optional cellular modem installed within and surge protection.
6. (1) Data Flow TCU001digital pump controller
7. (1) Data Flow Optional Cellular telemetry Modem. Cost (\$ 2,389.00) Included
8. (2) ABB A9-30 1.0 HP contactor, (2) TA25TU8.5 over load, (2) T1N015TL CB motor disconnect with thru door mechanical, shaft and handle.

9. (3) Polypropylene mechanical float switch with 40' of cable each.
10. (1) KPSI model 750 submersible wetwell level transmitter with model 845 bellows JIC box.
11. (1) Inwesco aluminum single door hinged lid, with dimension 40" long X 36" wide with flanged support structure.
12. (1) Davit OZ1000DAV-DCW single post crane, with electric winch and cable good to 1000 lbs.
13. Installation materials: 2" steel wye connection, hardware, electrical, etc.

Proposal

1. Mechanical parts, lids, pumps and materials.	\$ 20,748.46
2. Sales tax.	1,504.26
3. Estimated freight.	550.59
<hr/>	
4. Sub total parts.	\$ 22,803.31
5. Labor per scope.	27,017.80
<hr/>	
6. Total.	\$ 49,821.10

- This quote is valid for 60 days
- Labor and workmanship guaranteed for one year
- Equipment warranty per manufacture specifications
- Equipment delivery 3 to 5 week

7. If you prefer the bid with 3" pump outlets and piping, hose and fittings, consider the optional total price of: \$ 50,524.22

Items not included

1. Permits, bonds, or premium time
2. Remove building from the pad.
3. Bypass pumping or water haul away

This work could take up to 5 days with the lift station out of service. Bear valley will need to make arrangements for shutting off flow to the station and isolating the discharge pipe from the wetwell to the street sewer main. Any questions please contact me.

Respectfully,

Les Watson
President



4228 Newton Road, Stockton, CA 95205
Phone: 209.463.2517 Fax: 209-463-2254
jim@haleycontracting.com
License # 580907

May 4, 2018

Jeff Gouveia
Bear Valley Water District

Via: E Mail

RE: Bee Gulch
Lift Station

Dear Jeff,

Please find listed below the price and scope of work for the above project. We will provide all required labor & material as needed to complete the below scope of work as shown below.

Storm Drain:

Total \$ 67,264.00

- 1- Remove (E) Steel Lid and ring
- 2- Install (N) permanent crane rated at 1,200lbs.
- 3- Remove concrete lid as needed for new lid.
- 4- Remove (E) pumps, piping & electrical
- 5- Install (N) pumps, piping, check valves with lifting chain
- 6- Install new panel and floats
- 7- Start up and set floats test run
- 8- Clean up and remove excess material from site.

The pumps (2) will be 1HP 230V 1-PH Sewage Pumps with a 2" discharge, the panel will have data flow pump controller, cellular modem, contractors, over loads, motor disconnect with thru door mechanical, shaft and handle.

This bid does reflect prevailing wage rates and is based on Material and Labor prices at this time. We reserve the right to adjust this price after 30 days from the date on this proposal.

We have not included any Permits, Engineering, Plans, Erosion Control (SWPPP), Over Time Work, Pump Around, Water Haul Off, Repairs to (E) Wet Well, and Repairs to (E) Piping outside the Lift Station or Construction Water.

If you have any questions please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads 'Jim Haley'.

Jim Haley



Cooper Controls, Inc.

3233 Lance Dr Suite B
Stockton, CA 95205
Phone: 209-339-4571
www.coopercontrols.com

Proposal

04/04/18
Job: 101174

Customer: Bear Valley Water District
PO Box 5027
Bear Valley, CA 95223

Job Name: Bee Gulch Lift Station Upgrade

Terms:

Due Upon Receipt. If material is greater than \$2,500, a 50% deposit will be required up front. Weekly progress invoicing will be issued and the final 10% retention will be due upon completion of project (unless stated otherwise below)

Notes:

1. Freight Charges are to be determined at date of invoicing (unless stated otherwise below)
2. Sales Tax is to be determined at date of invoicing

Description	Unit	Quantity	Ext Price
Scope of Work: This is a budgetary quote for the attached document Removal of the Concreted Steel Manhole Cover and Steel Ring Install a New Permanent Crane Rated at 1000lbs Saw Cut Concrete Top and Remove Removal of Pumps and Discharge Pipes in Confined Space Install New Pumps and Check Valves Modify Discharge Pipes to Install Cam Lock Hose Fittings Install Mating Cam Locks To Pumps Install New Stainless Steel Lifting Cables To Pumps Removal of Existing MCC Panel Install New MCC Panel Terminate Pumps to New MCC Panel Install New Alarm and Backup Redundancy Floats Install a New Wet Well Level Transducer Startup and Test Pumps and Electrical Mobilization Charge Demobilization Charge	Lot	1.00	98,700.00
Note: - This is an engineering estimate only. - These numbers are based on theory and are not based on physically seeing the project. - This is not a commitment to complete the project.			
Grand Total:			98,700.00



Cooper Controls, Inc.

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Stockton, CA 95205
Phone: 209-339-4571
www.coopercontrols.com

Warranty, Terms and Conditions

The following terms and conditions are incorporated into and made a part of any Estimate, Maintenance Contract or document to which it is attached (collectively, the "Agreement").

1. **Warranty.** Company warrants all parts, services, and application design / performance provided under this agreement for a period of one (1) year from the date of installation or the date of service, as applicable. Customer shall be responsible for the cost of labor related to the repair, maintenance or replacement of any part covered by this warranty. NO OTHER WARRANTY IS EXPRESS OR IMPLIED. COMPANY EXPRESSLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE FOREGOING WARRANTIES ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN FACT OR BY LAW, OR ARISING BY REASON OF CUSTOM OR USAGE IN THE TRADE OR BY COURSE OF DEALING.
2. **No Soliciting Company Employees / Liquidated Damages.** Customer acknowledges that Company has invested substantial time and money training its employees, and that Company would suffer irreparable harm if Customer were to solicit and hire Company's employees. Accordingly, Customer agrees that it will not solicit or hire any employees of Company during the term hereof and for a period of one (1) year after completion of the services provided for herein. In the event Customer violates this provision and hires an employee of Company, Customer shall pay to Company as liquidated damages the amount equal to two times the annual salary for the employee Customer hired. The parties agree that Company's damages would be difficult to ascertain and that this provision for liquidated damages is fair, reasonable and appropriate under the circumstances.
3. **Damages.** In no event shall Company be liable for any indirect, incidental, consequential, special, or punitive damages, or lost profits, arising out of this Agreement or any breach thereof. In no event shall Company be liable to Customer for any amount in excess of the fees paid to Company, if any, in the 12 month period immediately preceding the first event giving rise to any claim for damages.
4. **Indemnity.** Each party shall defend, indemnify and hold the other (and its subsidiaries and affiliates and their employees, directors, officers, agents, representatives, and authorized successors and assigns) harmless from and against any and all losses, damages, costs and other claims (including attorney's fees) arising from the action/inaction of that party.
5. **No Assignment.** No party may assign or transfer any of its rights or obligations under this Agreement without the prior written consent of the other party, which may be withheld in that party's sole discretion.
6. **Independent Contractor.** The relationship of the parties is that of independent contractor, and no party shall be deemed to be the agent, partner, joint venturer, or employee of the other.
7. **Survival.** The provisions of sections 1, 2, 3 and 4, above, shall survive termination of this Agreement.
8. **General.**
 - a. This Agreement sets forth the entire agreement of the parties regarding the subject matter hereof. It supersedes all prior representations and understandings, oral or written, related to the subject matter hereof. No party is relying on any representations in entering into this Agreement other than the representations specifically set forth herein.
 - b. This Agreement may be modified only by an agreement in writing and signed by the parties.
 - c. The prevailing party in any action, arbitration or other proceeding arising out of related to this agreement shall recover its reasonable attorneys' fees and costs from the other, non-prevailing party.
 - d. This Agreement shall be governed by and interpreted according to the laws of the State of California. Venue for any action to enforce or interpret this Agreement shall be exclusively in San Joaquin County, California and the parties hereby submit to personal jurisdiction in San Joaquin County.
 - e. If any provision of this Agreement is held to be invalid or unenforceable in any respect, such provision shall be severed from the rest of this Agreement and this Agreement shall be interpreted in construed as if the invalid or unenforceable provision had never been contained herein.

CUSTOMER:

COMPANY:

Name

Title

Name

Title

Signature

Date

Signature

Date



QUOTATION

PLEASANTON

6600 Knoll Center Parkway, Ste. 220
Pleasanton, CA 94566
Phone (925) 485-9720
Fax (925) 485-6085

John Mohr – cell: 209-324-8058

STOCKTON

119 Val Dervin Parkway #2
Stockton, CA 95206
Phone (209) 234-5909
Fax (209) 234-5913

TO: Bear Valley Water District
P.O. Box 5027
Bear Valley, CA 95223

DATE: 09-03-2015

QUOTE #: FL
JOB: Bear Valley Water District – Bee Gulch
at Lake Alpine Sanitary Lift Station
Renovation

Page (1) of (2)

LOCATION: Bear Valley, CA

ATTN: Jeff Gouveia gmbearvalleywater@sbcglobal.net

PHONE: 209-753-2112
Fax: 209-753-6267

WE ARE PLEASED TO QUOTE ON THE FOLLOWING EQUIPMENT
SUBJECT TO CONDITIONS PRINTED ON THE BACK HEREOF,
THESE CONDITIONS MAY BE CHANGED ONLY BY A WRITTEN
STATEMENT SIGNED BY AN OFFICER OF SHAPE, INCORPORATED.

☒ F.O.B. FACTORY
☒ F.F.A. TO FIRST DESTINATION

QTY	ITEM	PRICE
	<u>Bee Gulch at Lake Alpine Sanitary Lift Station Renovation in Bear Valley, CA</u> <u>, wet well: 60" dia. x 10 ft. depth :</u>	
2	Flygt Pump/Motor Unit: 3" NP3085.092-466MT, 3 HP, 230 Vac-3PH, 50 ft. power/sensor cable, FM Explosion rated, <u>hard iron/high chrome impeller and wear/cutter/relief groove insert plate as called out for in the project specification</u> , FLS moisture intrusion & overload thermal monitoring system, factory standard paint, 9 full load amp draw @ 230 v – 3ph, weight of one unit: 155 lbs. each, each power/sensor cable outside diameter: 0.75"	Net Delivered price: \$ 23,420.00 - including sales tax
2	3" x 3" Flygt base discharge elbows	
1	Duplex Pump Control Panel – UL Approved & Labeled, <u>Incoming power being converted from 230 volt 1- phase power to 230 volt 3 –phase power via VFD Inverters inside the pump control panel</u> , lockable Nema 3R painted steel enclosure with hinged aluminum inner door, surge/lightning arrestor (1), alternator, red flashing high water alarm light mounted on exterior of pump control panel outer enclosure, Main Circuit breaker, Pump/motor circuit breakers (2), Control circuit Breaker (1), Pump RUN Lights (2), H-O-A pump selector switches(2), Elapsed Time Meters(2), Mini-Cas Relays (2) – part of pump/motor moisture intrusion & thermal overload monitoring	

SHAPE INC.

John Mohr

John Mohr, Mobile (209) 324-8058 or jmohr@shapecal.com

QUOTATION DOES NOT INCLUDE ANY SALES OR USE TAX PAYABLE UNDER ANY STATE OR FEDERAL STATUTE. THIS QUOTATION PRICE IS FOR MATERIAL LISTED ABOVE. ANY ADDITIONS OR MODIFICATIONS THAT BECOME NECESSARY FOR APPROVED SUBMITTALS, UPON AWARDED OF THIS CONTRACT, MAY RESULT IN NECESSARY PRICE CHANGES.

NOTE: ITEMS NOT SPECIFIED ON THIS QUOTATION ARE NOT INCLUDED IN OUR PRICE AND ARE TO BE SUPPLIED BY OTHERS. PRICES ARE FOR IMMEDIATE ACCEPTANCE AND SUBJECT TO CHANGE WITHOUT NOTICE.
SALE SUBJECT TO MANUFACTURERS STANDARD TERMS AND CONDITIONS.

Rev. 01/98

See attached page for Shape, Inc. terms and conditions



QUOTATION

Page (2) of (2), Bear Valley Water District – Bee Gulch at Lake Alpine Sanitary Lift Station Renovation – 09-03-2015

level sensor circuit will be intrinsically safe system, one piece level probe with ten (10) level set points with 40 ft. of cable, (Value: \$ 8,475.00)

- 2 Upper Guide Rail Brackets, 2" size – 316 stainless-steel
- 1 Cable Holder – 316 Stainless-steel
- 2 1/4" x 15t. long 316 SS lifting chain & connectors
- 1 Aluminum round cover & frame for a 60" or 72" diameter wet well, Value: \$ 1,850.00
- 1 Freight to Bear Valley, CA – Prepaid & Allowed – FOB Factory
- 1 One (1) Day of Start-up service & training, 2 week notice required, both pumps will have to removed from wet well by the contractor and at their expense as well as reinstalled

Not Included Items: any item not specifically stated above or below, **sales tax**, guide rails (2" schedule 40 welded 304 or 316 stainless steel pipe), anchor bolts, kellum grips, isolation or check valves, standby generator with automatic transfer switch, portable generator receptacle with manual transfer switch, Kilo-watt hour meter sockets with test pass, main circuit breaker, telemetry communication system be a hard-line line phone dialer, cellular dialer, circuit breaker, Radio Transmitter Unit (RTU), antennas, SCADA system, any special paint or coating of interior Or sun shields on control panel enclosure, air conditioners, Protective structures, fencing, access cover & frame above pumps or valve Vault, discharge piping, fittings, support stands or brackets, installation

Delivery Schedule: Pumps with control panel 9 weeks or earlier if equipment is Not in stock at Shape Inc's warehouse in Stockton, CA, after credit approval and acceptance of order

SHAPE INC.

John Mohr

John Mohr, Mobile (209) 324-8058 or jmohr@shapecal.com

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Rev. 01/98

See attached page for Shape, Inc. terms and conditions

AGENDA ITEM

DATE: JUNE 11, 2018

TO: BVWD BOARD OF DIRECTORS

FROM: JEFF GOUVEIA, DISTRICT GENERAL MANAGER

RE: FY2018-19 PRELIMINARY BUDGET

BACKGROUND & DISCUSSION:

Accompanying this memorandum is the preliminary budget proposal for fiscal year 2018-19, presented in a 5-year budget cycle format intended to align with the District's 5 year NPDES permit cycle.

Below is a summary of the highlights of the preliminary budget:

Revenue

Residential Revenue

Residential revenue is generally a fixed source of income due to the District's flat rate billing structure and the current rate of construction at approximately only (1) new home per year adding little to no increase in year-over-year residential revenue. As a result, residential revenue is projected to be the same as the previous budget cycle.

Commercial Revenue

Commercial revenue is flow based. Commercial customers are charged \$0.064 per gallon of water metered at the commercial location and sent to the District for treatment. As flow is tied to water use and water use can vary depending on the seasonal economy of many of the District's commercial customers, commercial revenue to the District tends to ebb and flow as the Bear Valley economy changes.

Since for the majority of the District's commercial customers invoicing for the current budget cycle is based on water use in the previous budget cycle, commercial revenues are projected to decrease over the previous fiscal year due to drought conditions which persisted through February this past winter leading to a significant decrease in winter tourism as well as repairs some commercial customers have made to portions of their system that were inadvertently releasing water freely into the collection system and increasing their water use.

In summary, aggregate gross projected revenue for FY18-19 is expected to **decrease -3.32 %** from the previous fiscal cycle.

Expenses

Operating expenses for fiscal year 2018-19 are expected to **decrease approximately -2.08 %**. This is largely due to continued careful fiscal management by District staff which avoids wasteful spending and instead strives toward careful fiscal policy and planning.

Below is a summary of the most notable expense areas that impact this preliminary budget projection for FY18-19:

- Salaries, Wages and Benefits: Salaries, wages and benefits area projected to **increase +6.17 %** due to enhanced retirement benefits (3% Grant) and the new cash in-lieu program. Without these new additional benefits, the actual increase from the previous FY is projected to be only 1 % due to a voluntary reduction of hours by seasonal field staff.

- Lab Fees: The District plans to **save** approximately **\$9000** this FY and thereafter by bringing the groundwater monitoring program in house instead of contracting for these services as has been done since 2004.
- Capital Expenses: The CapX budget for FY18-19 is \$77,500, **a 34 % decrease over the previous year**, and includes the Bee Gulch Lift Station upgrade at \$50,000, the dam break analysis and inundation mapping work the Board approved in April 2018 for \$20,000 and a treatment pond valve replacement project for \$7500.

RECOMMENDATION

The preliminary FY18-19 budget as well as the 5-year budget continues to project both positive net income and positive net cash flow over the entire cycle.

The 5-year projected average net income is \$41,684 and the **net income projected for the upcoming FY2018-19 is \$33,719.**

The 5-year projected average net cash flow is \$38,070 and the **net cash flow projected for the upcoming FY2018-19 is \$40,536.**

Therefore, it is recommended that the Board vote to approve the preliminary budget as presented and specifically authorize all of the budgeted CapX items so the General Manager can contract for these services as soon as possible.

ACTION:

1. Motion to Accept the preliminary budget proposal as presented

Attachments:

- FY2018 -19 Budget & 5 year Budget Projection
- BVWD Reserve Fund Policy & Scenarios

Bear Valley Water District Financial Year 2017-18 + 5 Year Budget Forecast											
	ACTUAL FY 16 - 17	% DIFF BUDGET	BUDGET FY 17 - 18	% DIFF BUDGET	BUDGET FY 18 - 19	% DIFF PREV YEAR	BUDGET FY 19 - 20	% DIFF PREV YEAR	BUDGET FY 20 - 21	% DIFF PREV YEAR	5 YR Total
REVENUES											
Residential	589,575		589,000		589,000		589,000		589,000		
Commercial	165,537		190,000		165,000		165,000		165,000		
Subtotal Operating Revenue	755,112	1.60%	779,000	0.00%	754,000	-3.32%	754,000	0.00%	754,000	0.00%	\$3,796,112
EXPENSES											
Salaries and Benefits	296,516		325,776		347,180	6.17%	360,030	3.57%	372,347	3.31%	
Director Expenses - Meetings, Elections, Training	2,988		3,000		3,000		3,000		3,000		
Operator Education, Training & Certifications	1,356		1,500		1,500		1,500		1,500		
Gas, Diesel, Oil & Filters	5,031		3,000		3,000		3,000		3,000		
Insurance	21,480		22,500		23,000		23,000		23,000		
Memberships & Conferences	5,300		5,500		6,500		6,500		6,500		
Office Expenses & Supplies	15,140		10,000		10,000		10,000		10,000		
Field Expenses & Supplies	18,771		18,000		15,000		15,000		15,000		
Grooming, Snow Removal & Vehicle Storage	4,030		3,500		3,500		3,500		3,500		
General Engineering & Consulting	5,081		5,000		5,000		5,000		5,000		
General Legal & Accounting	10,284		10,000		10,000		10,000		10,000		
Equipment Rental	9,039		600		600		600		600		
Repairs & Maintenance	83,267		78,214		50,000		50,000		50,000		
Laboratory Fees	26,090		25,000		18,000		18,000		18,000		
Regulatory Reporting & Compliance Projects	6,468		6,500		6,500		6,500		6,500		
Taxes, Fees, Licenses & Assessments	29,764		30,000		33,000		33,000		33,000		
Utilities	60,999		55,000		55,000		55,000		55,000		
Subtotal Operating Expenses	601,604	3.01%	603,090	0.00%	590,780	-2.08%	603,630	2.13%	615,947	2.00%	\$603,010
Net Operational Income	153,508	-3.91%	175,910	0.00%	163,220		150,370		138,053		\$781,061
OTHER REVENUE											
Interest Income - LAIF	2,259		2,000		2,000		2,000		2,000		
Late Fees, Penalties & Interest	10,152		10,000		0		0		0		
Expense Reimbursements - USFS	2,384		3,863		3,863		3,863		3,863		
Expense Reimbursements - Concessionaire	4,439		5,290		5,290		5,290		5,290		
Connection Fees (Incl Application & Inspection Fees)	0		0		0		0		0		
Other Income	1,088		0		0		0		0		
Subtotal Other Revenue	20,322		21,152		11,153		11,153		11,153		
OTHER EXPENSES											
Loan Interest	20,152		18,809		17,203		15,680		14,011		
Depreciation	80,893		114,223		123,451		122,551		120,601		
Subtotal Other Expenses	101,045		133,032		140,654		138,231		134,612		
Net Other Income	(80,723)		(111,880)		(129,501)		(127,078)		(123,459)		
NET INCOME	72,785	17.11%	64,031	0.00%	33,719		23,292		14,594		\$208,420
NON-CASH EXPENDITURES (included in net income)											
Depreciation	80,893		114,223		123,451		122,551		120,601		
Subtotal Non-Cash Expenses	80,893		114,223		123,451		122,551		120,601		
CASH EXPENDITURES (Not Included in net income)											
Capital Improvements / Replacements	(74,857)		(117,500)		(77,500)		(80,000)		(34,000)		(483,857)
Loan Payments - Principal	(36,186)		(37,629)		(39,134)		(40,657)		(42,326)		
Subtotal Addl Cash Expenses	(111,043)		(155,129)		(116,634)		(120,657)		(76,326)		
NET CASH FLOW	42,635	-26.66%	23,125	0.00%	40,536		25,186		58,869		\$190,350

RESERVE FUND POLICY

OVERVIEW

The Bear Valley Water District (District) considers careful fiscal planning essential to the long term, sustainable delivery of its core services, specifically the collection, treatment and disposal of waste water for all of its customers as well as the careful stewardship of the public's financial and environmental assets.

The District has determined that a key part of the District's financial preparedness rests on sound reserve policies and guidelines. This policy is intended to provide for the prudent accumulation and management of designated reserve funds to achieve the District's long term financial goals.

OBJECTIVES

Managed and allocated effectively, reserves ultimately provide stakeholders a variety of benefits. In addition to financial policies established to guarantee that the District can meet the future financial requirements of customer demand and system reliability, reserve policies are also considered essential to ensure stable rates for ratepayers in the District, well-maintained public assets, emergency preparedness, capital improvement and replacement of assets, savings to balance budgets and the proper allocation of funds for the future growth and expansion of facilities.

This Reserve Fund Policy was developed to clearly identify specific designated reserve funds and govern how they will be managed. It is the intent of this Reserve Fund Policy to clearly identify types of reserve funds as well as define the purpose, target balance, use and funding mechanism of each fund. The adequacy of the target reserve year-end balance ranges and/or annual contributions will be reviewed annually during the budgeting process and may be revised accordingly as necessary.

The Board of Directors establishes the following reserve funds with this policy:

- 1.0 - Sewer Operations and Maintenance (O&M) Emergency Reserve Fund**
- 2.0 - Sewer Capital Improvement & Replacement Program (CIP) Reserve Fund**
- 3.0 - Sewer System Capacity Fee Reserve Fund**

1.0 SEWER OPERATIONS AND MAINTENANCE (O&M) EMERGENCY RESERVE FUND

- 1.1. Fund Type: Assigned Fund (GASB 54) - The District's Assigned Fund balance classification reflects a fund that the Board of Directors intends to be used for specific purposes but is subject to neither the restricted nor committed levels of constraint bound by legislation or formal Board action. As an Assigned Fund, this lower level of constraint provides for more flexibility by the General Manager to access and utilize this fund as emergencies arise.
- 1.2. Purpose: To ensure cash resources are available to fund the daily administration, operation and maintenance activities necessary to provide District services in the event of unplanned major maintenance or equipment failure.
- 1.3. Target Balance: A minimum of three (3) months of O&M expenses to fund the District's operational expenditures during a potential emergency.

- 1.4. Methodology/Rationale: The District is required to have sufficient cash flow to meet the next three months of budgeted District expenditures (Government Code Section 53646(b)(3)). In addition to holding enough cash for 3 months of operating expenses, industry standards also suggest setting aside sufficient cash in anticipation of an emergency system failure to replace the most vulnerable component of your system or one that would cause the greatest disruption of service.
- 1.5. Use of Funds: This fund will be used to pay for unplanned, emergency O&M expenditures determined necessary by the Board and/or the General Manager.
- 1.6. Funding: Annual contributions will vary depending on the current balance of the fund and current year regular and emergency expenditures. The 5-year O&M expense average is approximately \$600,000 suggesting an O&M emergency fund balance of a minimum of \$150,000. The Agency will strive to fully fund this Reserve every year based on excess cash flow as available.

2.0 SEWER CAPITAL IMPROVEMENT PROGRAM (CIP) RESERVE FUND

- 2.1. Fund Type: Committed Fund (GASB 54) - The District's Committed Fund balance classification is subject to internal constraints self-imposed by formal action of the District's Board of Directors. For committed fund balances, formal action of the Board is required to establish (and modify or rescind) a commitment of fund balance.
- 2.2. Purpose: Fees are collected for the future replacement of existing facilities and major equipment.
- 2.3. Target Balance: The target balance will comprise an amount determined by the Board of Directors which considers both the District's 5-Year Capital Improvement Program (CIP) and the current total aggregate asset value as reflected in the most current depreciation schedule. The District records depreciation using the straight-line method over the estimated useful lives of facilities and equipment. The 5-Year CIP assumes replacement of capital equipment equivalent to the depreciation schedule. At a minimum, the Board should allocate to the fund enough each fiscal year to adequately fund the 5-Year CIP.
- 2.4. Methodology/Rationale: The Capital Improvement Program (CIP) reserve fund is for system rehabilitation, long term equipment replacement and equipment and component purchases that meet the District's Capital Assets Policy. The fee is collected through ratepayer service fees to replace District facilities and equipment as they reach the end of their useful life and also to handle unanticipated repairs during the life-cycle. A key objective for accumulating capital reserves is to minimize external borrowing and interest expenses.
- 2.5. Use of Funds: The CIP Reserve Fund will be used to replace facilities and equipment as necessary to continue reliable and efficient delivery of District services. The Board of Directors will authorize use of planned capital reserves during the budget process. Capital reserves are also available for unplanned (unbudgeted) capital replacement projects.
- 2.6. Funding: At a minimum, the target annual funding amount of the CIP Fund should reflect the approved annual budgeted depreciation amount in conjunction with the approved 5-Year CIP Plan. However, by vote of the Board of Directors, this reserve fund balance may be fully funded either at once or incrementally to provide for capital reserves sufficient to cover the District's total depreciated fixed asset position.

3.0 SEWER SYSTEM CAPACITY CHARGE RESERVE FUND

- 3.1. Fund Type: Restricted Fund (GASB 54) - The District's Restricted Fund balance classification reflects a fund subject to externally imposed and legally enforceable constraints which limit the District's Board to redirecting these funds to other uses or funds. The California Water Code explicitly limits public water agencies use of capacity funds collected from new customers to expanding system capacity.
- 3.2. Purpose: Government Code Section 66013(b)(3) does not allow us to charge new or existing customers an arbitrary amount to fund a future, undefined capacity expansion project. On the other hand, we are permitted to charge a new customer a fee that reflects an appropriate share of the historic cost of the established capacity. The amount of this fee is periodically calculated and adjusted through an engineering report that is subject to board approval. This "capacity" fee is collected from new customers and is required by law to be reserved for future capacity expansion, even if no expansion plan is in place at that time.
- 3.3. Target Balance: The target balance shall be set as a function of any board approved capacity enhancement plans. In the absence of any such approved plans, no specific target shall be set, but the funds shall accrue as available. At the time the District may need to expand capacity in the system, the target balance will be set at the amount as determined by the District Engineer.
- 3.4. Methodology/Rationale: Capacity charges are based on the capacity of the District's wastewater system to provide service to customers. Capacity charges are determined by an engineering report that establishes the basis for the charge and how it was calculated. All applicants for new or additional sewer service to the District's Sewer System shall pay a Capacity Charge as defined by Government Code Section 66013(b)(3) and District Ordinance 71 prior to issuance of a permit by the District. Capacity Charges represent the property owner's proportional capital costs associated with existing system capacity for a new sewer connection at the time of the connection. The current capacity fee calculation reflects the recommended cost for each equivalent dwelling unit (EDU) served until such time as the District reaches its current system capacity.
- 3.5. Use of Funds: The funds shall be used only for system capacity expansion/enhancement projects which ensure the property owner's proportional share of capacity in the system is associated with the specific capital cost for a new sewer connection at the time of the connection.
- 3.6. Funding: This fee is collected with each service application from a vacant parcel with the intent to connect to the wastewater system. In addition, the per new connection value of treatment and distribution capacity will be charged to all new land development projects and deposited into this account. Interest earnings will be accrued on and added to fund balance, using the District's earnings rate on investments.

Alpine County Multi-Jurisdictional Hazard Mitigation Plan



99 Water Street
Markleeville, CA 96120

_____ 2018

Across the United States, natural and human-caused disasters have led to increasing levels of death, injury, property damage, and interruption of business and government services. The toll on families and individuals can be immense and damaged businesses cannot contribute to the economy. The time, money and effort to respond to and recover from these emergencies or disasters, divert public resources and attention from other important programs and problems. Alpine County and the State of California recognize the consequences of disasters and the need to reduce the impacts of natural and human-caused hazards.

The elected and appointed officials of Alpine County also know that with careful selection, mitigation actions in the form of projects and programs can become long-term, cost effective means for reducing the impact of natural and human-caused hazards. Applying this knowledge, the Alpine County Hazard Mitigation Local Planning Team updated the *Alpine County Hazard Mitigation Plan*. With the support of various County officials, the State of California Office of Emergency Services (Cal OES), and the United State Department of Homeland Security/Federal Emergency Management Agency (FEMA), this plan is the result of several months' worth of work to update a hazard mitigation plan that will guide the County toward greater disaster resistance in full harmony with the character and needs of the community and region.

People and property in Alpine County are at risk from a variety of hazards that have the potential for causing widespread loss of life and damage to property, infrastructure, and the environment. The purpose of hazard mitigation is to implement actions that eliminate the risk from hazards, or reduce the severity of the effects of hazards on people and property. Mitigation is any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event. Mitigation encourages long-term reduction of hazard vulnerability. The goal of mitigation is to save lives and reduce property damage. Mitigation can reduce the enormous cost of disasters to property owners and all levels of government. In addition, mitigation can protect critical community facilities, reduce exposure to liability and minimize community disruption. Preparedness, response, and recovery measures support the concept of mitigation and may directly support identified mitigation actions.

The *Alpine County Hazard Mitigation Plan* has been updated in compliance with Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act or the Act), 42 U.S.C. 5165, enacted under Sec. 104 the Disaster Mitigation Act of 2000 (DMA 2000), Public Law 106-390 of October 30, 2000. Since the first plan was adopted in 2005, two mitigation actions have been completed, three are in progress, and 26 are ongoing. This updated plan identifies on-going and new hazard mitigation actions intended to eliminate or reduce the effects of future disasters throughout the County.



PO Box 5027, Bear Valley, CA 95223
P 209.753.2112 • F 209.753.6267 • BEARVALLEYWATER.ORG

JAMES BISSELL
STEFANIYA BECKING
GUNNAR THORDARSON
JOHN BOYLE
KEN BROWN

May 14, 2014

Phyllis Y. Banks
Hazard Mitigation Grants Division
California Governor's Office of Emergency Services
3650 Schriever Avenue
Mather, CA 95655

RE: Participation in the Alpine County Local Hazard Mitigation Plan Update

Dear Ms. Bank:

The Bear Valley Water District would like to participate in the Alpine County Local Hazard Mitigation Plan update project and be included as an additional jurisdiction.

The Bear Valley Water District will contribute to the grant match with in-kind labor through participation of members in the planning process.

Best Regards,



Jeff Gouyeia
General Manager



FEMA

May 25, 2018

Brian Peters
Community Development Director
Alpine County
50 Diamond Valley Road
Markleeville, CA 96120

Dear Mr. Peters:

We have completed our review of the *Alpine County Multi-Jurisdictional Hazard Mitigation Plan*, and have determined that this plan is eligible for final approval pending its adoption by Alpine County and all participating jurisdictions. Please see the enclosed list of approvable pending adoption jurisdictions.

Formal adoption documentation must be submitted to the FEMA Region IX office by the lead jurisdiction within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. We will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact Alison Kearns, Senior Community Planner, at (510) 627-7125 or by email at alison.kearns@fema.dhs.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Juliette Hayes".

Juliette Hayes
Director
Mitigation Division
FEMA, Region IX

Enclosure

cc: Julie Norris, Mitigation and Dam Safety Branch Chief, California Governor's Office of
Emergency Services
Jennifer Hogan, State Hazard Mitigation Officer, California Governor's Office of
Emergency Services

Status of Participating Jurisdictions as of May 25, 2018

Jurisdictions – Adopted and Approved

#	Jurisdiction	Date of Adoption

Jurisdictions – Approvable Pending Adoption

#	Jurisdiction
1	Alpine County
2	Alpine County Unified School District
3	Bear Valley Water District
4	Kirkwood Meadows Public Utility District
5	Markleeville Public Utility District

Jeff Gouveia

From: Brian Peters <bpeters@alpinecountyca.gov>
Sent: Friday, June 01, 2018 10:55 AM
To: Klaus Leitenbauer; Rick Ansel (ransel@kmpud.com); Jeff Gouveia; Kris Hartnett (khartnet@hotmail.com)
Subject: FW: Alpine County Hazard Mitigation Plan Approvable Pending Adoption Letter
Attachments: APA Alpine County 5-25-18.pdf; Alpine County Plan Review Tool 5-25-18.docx

Hello all – FEMA has approved our Hazard Mitigation Plan. The next step is for all the jurisdictions to adopt the plan and the applicable annex for your agency. For the County, I am targeting the Board meeting on either June 19 or July 3 for adoption. Please send me written documentation of your respective Board adoption of the plan. It would be best to do the adoption as a resolution, but other written documentation is acceptable.

Brian Peters, Director

Alpine County Community Development
530-694-1361
bpeters@alpinecountyca.gov



From: Kearns, Alison [<mailto:alison.kearns@fema.dhs.gov>]
Sent: Thursday, May 31, 2018 4:12 PM
To: Brian Peters
Cc: Carpentier, Jesse; Kearns, Alison; King, Asia; Reed, Emma; Scordino, JoAnn; Adam Sutkus; Carly Landy; Drew Hammond; Jenn Hogan; Julie Norris; Karen McCready; Ken Worman; Megan Walton; Nicole Wilson; Victoria LaMar-Haas
Subject: Alpine County Hazard Mitigation Plan Approvable Pending Adoption Letter

Hello,

Please find the attached letter and plan review tool showing that Alpine County's Hazard Mitigation Plan is now approvable pending adoption. Hard copies of these documents are being sent in the mail as well.

We look forward to receiving your formal adoption documentation in the near future. If you have any questions, please don't hesitate to reach out.

Alison Kearns

Senior Community Planner
Mitigation Division, FEMA Region IX
1111 Broadway, Suite 1200 Oakland, CA 94607
Desk: 510-627-7125
Cell: 510-697-6479
alison.kearns@fema.dhs.gov

RESOLUTION NO. 496

**RESOLUTION ADOPTING THE ALPINE COUNTY MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN.**

WHEREAS, Alpine County has submitted its Alpine County (the "County") Multi-Jurisdictional Hazard Mitigation Plan (the "Plan") for review to FEMA; and

WHEREAS, FEMA has completed its review of the Plan and determined that the Plan is eligible for final approval pending its adoption by Alpine County and all participating jurisdictions; and

WHEREAS, the Bear Valley Water District ("District") has been identified as one of the jurisdictions that the County must acquire adoption documentation to be submitted to the FEMA Region IX office in order for FEMA to issue approval of the County's Plan; and

WHEREAS, the District desires to formally adopt the Plan as a participating jurisdiction.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Bear Valley Water District hereby adopts the Alpine County Multi-Jurisdictional Hazard Mitigation Plan as a participating jurisdiction.

PASSED AND ADOPTED by the Board of Directors, at a regular meeting thereof, held on the 11th day of June, 2018, by the following vote:

AYES: _____
NOES: _____
ABSENT: _____
ABSTENTION: _____

Bear Valley Water District

By: _____,
_____, PRESIDENT

ATTEST:

_____, SECRETARY

CERTIFICATION

I, _____, Secretary of the Bear Valley Water District, do hereby certify that the foregoing is a full, true and correct copy of a resolution of the Bear Valley Water District duly passed and adopted at a regular meeting of the Board of Directors thereof held on the ____ day of _____, 2018.

Dated: _____, 2018

_____, SECRETARY

Annex B Bear Valley Water District



B.1 COMMUNITY PROFILE

B.1.1 Geography

Alpine County is located in the beautiful Sierra Nevada. Alpine County was created in response to the discovery of natural riches in the form of silver deposits within the mountains of the area. Beginning in 1858, a steady flow of prospectors raised the region's population to over 11,000 and signaled the formation of Alpine County in 1864. The Bear Valley Water District (BVWD) provides sanitary sewer services to the community of Bear Valley in Alpine County, California. BVWD also services the Lake Alpine basin and the Bear Valley Mountain Resort ski area. The extent of BVWD is approximately 4.5 square miles encompassing the village of Bear valley, Bear Valley Mountain Resort, and Lake Alpine recreation area.



Extent of Bear Valley Boundary

Source: Alpine County GIS
Date: December 07, 2017

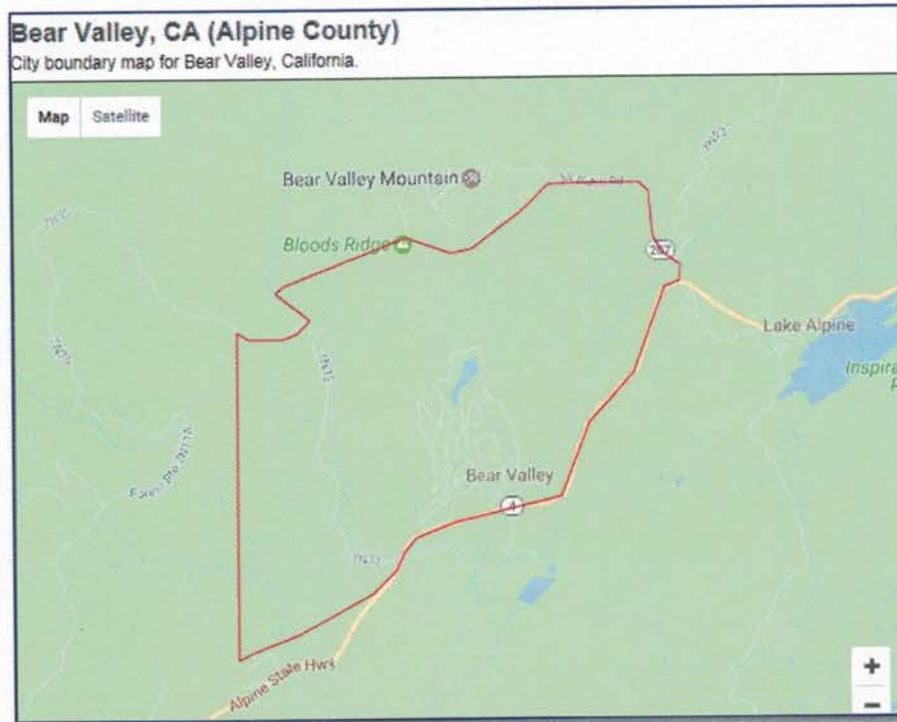


Figure B-1 BVWD Boundary

Source: Alpine County GIS
Date: December 07, 2017

B.1.2 Population

Today, the population of Alpine County remains low, at approximately 1,116 residents. There are approximately 121 people in the town of Bear Valley as per the 2010 census.

B.1.3 History

The Bear Valley Water District (BVWD) provides wastewater collection and treatment service for Bear Valley, Lake Alpine campground, and the Bear Valley Mountain Resort (ski area). The BVWD is a California Special District governed by a Board of Directors. The BVWD established their Standard Design and Construction Specifications for Sanitary Sewer Systems by Resolution 246, on November 16, 1981.

– Bear Valley Water District Board of Directors:

James Bissell - President
Stefaniya Becking - Vice President & Secretary
John Boyle - Treasurer
Gunnar Thordarson - Director At Large

– Staff

Jeff Gouveia, General Manager

Judi Silber, Office Manager

Guy West, Chief Plant Operator - Grade II Operator

Steve Mikesell Operator - Grade II

Robin Murphy Operator - Grade I

B.1.4 Economy

In May of 2014 the Bear Valley Water District (“BVWD” or “District”) prepared a three-year budget to plan for annual, recurring expenses as well as periodic expenses associated with its NPDES discharge permit, which was up for renewal in 2016. The District Engineer finalized a report and supporting memorandum dated August 7, 2013 (hereinafter collectively “Rate Report”) that recommends sewer rates that meet the revenue requirements of the District and addresses the unpredictability and variability of charges for its commercial customers. The Rate Report can be viewed at www.bearvalleywater.org and is also on file and available for public review at the District office at the Bear Valley Water District, 441 Creekside Drive, Bear Valley, CA 95223.

Sewer Rates

The rate structure for residential users changed from a progressive rate to a flat fee in the amount of \$90.37 per month for all residential users. The proposed commercial users’ rate system changed from a calculation that includes residential use to a fixed cost of \$0.064 for each gallon of water

B.1.5 Planning Process

The planning process for the Alpine County MJHMP began in January 2015 and continued through July 2016. The first step in the planning update process was to establish a Local Planning Team comprised of existing Alpine County agencies. Brian Peters, Community Development Director, served as the primary Point of Contact (POC) for the Alpine County and the public. Alpine County retained R.O. Anderson Engineering, Inc., to facilitate the planning process.

Each section of the previous MJHMP plan was reviewed for content and the Local Planning Team revised every section of the plan. The plan was re-drafted into a new outline to better assist the State Hazard Mitigation Officer in the review process.

Although no plan maintenance was performed during the 10 years since the previous plan was adopted, Alpine County has remained very active in hazard mitigation planning through other projects and planning. In the 2009 *Alpine County General Plan*, Safety Element Section there was discussion regarding history and mitigation actions for hazards including fire, earthquake, unstable slopes, flood, and hazardous materials. Also in 2009, the *Community Wildfire Protection Plan* was completed. Additionally, in 2012, Alpine County participated in the Carson River Watershed Discovery Project as part of the FEMA Risk MAP Program which included watershed-wide discussions about increasing resilience to flooding. The Discovery Project resulted in a prioritized list of mitigation actions.

The Planning Committee members are listed in **Section 4, Table 4-2** of the Plan. The Planning Committee meetings are described in **Section 4.2.2** and Meeting Agendas, handout information are provided in **Appendix D**.

Team members who perform multiple functions within the local jurisdiction adeptly represented the County and all participating jurisdictions in the regional planning effort. In most cases, one or more representatives for each jurisdiction attended the MJHMP meetings. Additionally, representatives for the Bear Valley Water District reported back to their local jurisdiction and worked within their District structures to collect data, identify mitigation actions and implemented strategies, and reviewed and provided data on the updates to the plan draft.

Mr. Jeff Gouveia, General Manager was the representative for the District at the local MJHMP meetings and provided hazard information, mitigation strategies, reviewed the draft plan and provide input on all the hazards.

B.2. HAZARD PROFILES VULNERABIITY ASESSMENT

The intent of this section is to assess the Bear Valley Water District vulnerabilities separate from that of the planning area as a whole, which has already been assessed in Section 6 Vulnerability Assessment in the main plan.

B.2.1 Hazard identification

The BVWD district identified the hazards with the Local Planning Team, that affect the community and summarized their geographic location, probability of future occurrences, potential magnitude or severity, and planning significance specific District (see **Table B-1**). In the context of the countywide planning area, there are no hazards that are unique to the school district. Only those hazards rated with a planning significance of medium to high are profiled in this annex.

Table B-1: Alpine County and the BVWD

High Risk	Medium Risk	Low Risk
Drought Severe Weather Wildland Fire Communication/ Utility Loss	Earthquake Flood Landslides Hazardous Materials	Avalanche Dam Failure

B.2.2 Community Asset Inventory

This section defines and quantifies the populations, buildings, critical facilities, and other community assets at risk to natural and manmade hazards In Alpine County and the BVWD District.

Table B-2. Estimated Population and Building Inventory

Population		Residential Buildings		Nonresidential Buildings	
2010 Census Population Count	Ca DOF Projected 2015 Population	Total Building Count	Total Value of Buildings (in millions)	Total Building Count	Total Value of Buildings (in millions)
1175	1121	0	0	12	7,355,000

Source: U.S. Census 2010 population data; California Department of Finance; US Census Community Survey; Alpine County Assessor

B.2.3 Critical and Special Facility Inventory

A critical facility is defined as a public or private facility that provides essential products and services to the general public, such as preserving the quality of life in the County and City and fulfilling important public safety, emergency response, and disaster recover functions. They are identified in **Table B-3**.

Table B-3 Natural Hazard Threat

Facility	Avalanche	Dam Failure	Drought	Earthquake	Floods	Hazardous Materials	Landslide	Severe Weather	Utility Loss	Wildland Fire	Potential Loss (\$)
Lake Alpine Station		X		X	X			X		X	300,000.00
Main Pump Station		X		X	X			X		X	405,000.00
Equipment House		X		X	X			X		X	230,000.00
Collection		X		X	X			X		X	1,500,000.00

System											
Storage Ponds		X		X	X		X	X		X	1,500,000.00
Reservoir		X		X	X		X	X		X	2,000,000.00
Other Buildings		X		X	X			X		X	1,320,000.00
Vehicles	X	X		X	X		X	X		X	100,000.00

B.2.4 Other Assets

Assessing a jurisdiction's vulnerability to disaster also involves inventorying the natural, historical, and cultural asset for the area. This step is important for the following reasons:

- The community may decide that these types of resources warrant a greater degree of protection due to their unique and irreplaceable natures and contribution to the overall economy.
- In the event of a disaster, an accurate inventory of natural, historical and cultural resources allows for care that is more prudent in the disaster's immediate aftermath when the potential for additional impacts is higher.
- The rules for reconstruction, restoration, rehabilitation, and/or replacement are often different for these types of designated resources
- Natural resources can have beneficial functions that reduce the impacts of natural hazards, for example, wetlands and riparian habitat that help absorb and attenuate floodwaters and thus supports overall mitigation objectives.

B.2.5 Growth and Development Trends

The anticipated annual percent growth of Alpine County over the next five years is 0.3%, and reducing to 0.2% over the next ten years (2030). Based on this information there are no plans to expand or add on to the existing school structure buildings or locations.

B.2.6 Vulnerability Assessment by Hazard

During a Local Planning Team meeting the members were tasked to prioritize the hazards by their total impact in the community. An exercise requiring the committee to complete a form which tabulated their ratings of each hazard was accomplished. The exercise formula took into account the historical occurrence of each respective hazard, the potential area of impact when the disaster does occur, and the magnitude. Please see **Table B-4** below for scoring criteria.

It is important to note that hazards of the same magnitude and the same frequency can occur in similar sized areas; however, the overall impact to the areas would be different because of population densities and property values in the areas impacted.

Tables B-4
BVWD – Hazard Ranking Significance

Natural and Human-caused Hazards	Planning Significance
Avalanche	Low
Dam Failure	Low
Drought	High
Earthquake	Moderate
Flood	Moderate
Hazardous Material Events	Moderate
Landslide	Moderate
Severe Weather	High
Utility Loss	High
Wildland Fire	High

Table B-5
Potential Hazard Vulnerability Assessment – Population and Buildings

Hazard	Population ⁴ Number	Buildings			
		Residential		Nonresidential	
		Number ³	Value (\$) ¹	Number ³	Value (\$) ¹
Total for Alpine County	1175	1812	431,000	190	100,000
Avalanche	3	10	2,400	1	1,000
Dam Failure	15	48	12,000	10	5,000
Drought	1175	1812	431,000	190	100,000
Earthquake	590	900	200,000	80	50,000
Flood - 100-Year Flood Zone	100	98	42,000	20	10,000
Hazardous Materials Event – 1-mile buffer transport corridors 10% of 75%	88	100	44,000	20	10,000
Landslide	3	1	350	0	0
Severe Weather	270	18	5,000	2	1,000
Communications/Utility Loss	1175	1812	431,000	190	100,000
Wildland Fires	1000	1100	240,000	100	55,000

¹ Value = Estimated Market value (x1000) Data acquired from Carson City Assessor's Office

N/A = Not Applicable

B.2.6.1 *Avalanche***Planning Significance – Low**

Alpine County with high elevations and extreme snowfall has considerable avalanche terrain. The potential for avalanches exists adjacent to existing infrastructure and communities. Avalanche control is typical during and after winter storm events for State Highway 88, Kirkwood Mountain Resort, and Bear Valley Mountain Resort. The 2003 Kirkwood Specific Plan identified avalanche potential (Mears). Low probability avalanches could affect three (3) buildings. No critical facilities are at risk to this hazard. The highway is at moderate risk, however, there are alternate routes.

B.2.6.2 *Dam Failure***Planning Significance – Low**

Failure of dams and impoundments could affect facilities for Lake Alpine Water Company, South Lake Tahoe Public Utility District, and Bear Valley Water District. Bear Lake which impounds Bear Creek has been studied for inundation in the event of a failure. A portion of the population in adjacent to Bear Creek would be affected by an inundation event. Forty-eight (48) buildings could be affected.

B.2.6.3 *Drought***Planning Significance – High**

According to the U.S. Seasonal Drought Monitor, the entire area of the County is at equal risk to a drought event. The entire population of 1,175, may be affected by the drought however buildings and critical facilities would just be limited in their use but would not be damaged.

B.2.6.4 *Earthquakes***Planning Significance – Moderate**

Earthquake hazard was analyzed according to USGS ground motion probability data. The Genoa fault and fault systems on the Carson Range have the highest probability for significant earthquake events. The buildings and population of Woodfords and Markleeville are at risk from a moderate to severe earthquake. Fifty percent of the population (590) and buildings (900) are at risk. Assuming 37% estimated damages sustained from moderate to severe could be up to \$80 million.

B.2.6.5 Flood**Planning Significance – Moderate**

The DWR Flood Awareness boundaries were used for the County to estimate at risk buildings. Alpine County does not have FEMA flood elevation maps. Within Alpine County, the risk posed by the 100-year flood is moderate with 98 homes within or immediately adjacent to the 100-year floodplain. The exposure to the buildings is \$42 million, to which includes exposure to critical facilities, South Lake Tahoe Public Utility District, “C” line and Harvey Place storage, and Markleeville Public Utility District waste water facility. The affected building inventories and values were calculated from the Alpine County Community Development and Alpine County Assessor’s office data.

B.2.6.6 Hazardous Materials**Planning Significance – Moderate**

Transportation of hazardous waste along State Highways corridors within Alpine County poses a risk to population and buildings. The majority of population in Alpine County is adjacent to State Highways; seventy-five percent (75%) of the buildings and population reside within the 1-mile buffer from State Highways. Therefore, the Alpine County Community Development estimated that 10% of the population (88) and buildings (\$44 million) which are within the 1-mile buffer may be affected by a hazardous material event. The affected population, building inventories, and values were calculated from Alpine County Community Development GIS data and Assessor’s Office information.

B.2.6.7 Landslide**Planning Significance – Moderate**

The landslide area could affect very few residential buildings and no commercial buildings, however landslide is usually limited to a specific area and these figures overstate the exposure. Therefore 1% was used to represent those structures that are at risk which include one residential building worth \$350,000 with three people exposed. There are no critical facilities within the landslide area.

B.2.6.8 Severe Weather**Planning Significance – High**

Using winter storm data provided by the NWS, risk posed by winter storms were calculated for the County. All population and buildings are within the severe winter storm hazard area however homes and buildings within Alpine County are built to withstand a degree of severe weather. The Local Planning Team determined that a severe winter storm or wind event may affect 25% of the population and 1% of the buildings which are 270 people, and 18 buildings (worth \$5 million).

B.2.6.9 Communication/Utility Loss**Planning Significance – High**

Utility loss was included as a possible hazard to the citizens of the County. The entire population of Alpine County, 1175 persons, could be affected by the loss however; buildings and critical facilities would just be limited in their use not damaged. Most State and County critical facilities including law enforcement, administration, health services, and road maintenance have back-up generators.

B.2.6.10 Wildland Fires**Planning Significance – High**

According to the CalFire Fire Hazard Severity Zones for Alpine County, the risk posed by wildland fire to property within the State Responsibility Area (SRA) is majority classified high or very high risk. Exposed within the very high and high wildland fire hazard area, are 1000 people and 1100 buildings (worth \$144 million).

B.3 CAPABILITY ASSESSMENT

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. The capabilities assessment is divided into five sections: regulatory mitigation capabilities, administrative and technical mitigation capabilities, fiscal mitigation capabilities, mitigation outreach and partnerships, and other mitigation efforts. The Bear Valley Water District reviewed the capabilities as listed in the 2003 Alpine County Hazard Mitigation Plan.

B.3.1 Regulatory Mitigation Capabilities

The County currently supports hazard mitigation through its regulations, plans, and programs. The Alpine County Building Code outlines hazard mitigation-related ordinances. Additionally, the Alpine County General Plan includes a Land Use Element and Safety Element which address hazard mitigation, including fire, earthquake, landslides, flood and hazardous materials. In addition to policies and regulations, the County carries out hazard mitigation activities by participating in the Carson River Watershed RiskMAP program.

The following table, **Table B-6** summarizes the County's hazard mitigation legal and regulatory capabilities.

Table B-6 Legal and Regulatory Resources Available for Hazard Mitigation

Regulatory Tool	Title	Effect on Hazard Mitigation
Plans	General Plan	Updated 2009. Contains goals, policies, objectives, and implementation measures designed to guide growth and development within the jurisdiction.
	Capital Improvements Plan	Updated 2015. Includes communications projects based on public safety needs, road projects, and water storage projects for fires.
	Economic Development Plan	Updated 2009. Business Development.
	Emergency Operations Plan	Updated 2010. Provides emergency response.
	Community Wildfire Protection Plan	2009, currently being updated by Fire Safe Council. Provides Wildfire hazards. Enables County to mitigate fuel loads.
	Alpine County Area Plan (Hazardous Materials Incidents)	Provides emergency response to reduce impact of HAZMAT spill.
	Carson River Geographic Response Plan	Establishes the emergency response organization for hazardous materials incidents occurring within the Carson River watershed.
	Carson River Watershed Discovery Report	Provides flood hazard identification and mitigation measures within the Carson River Watershed.
	Carson River Watershed Floodplain Management Plan	Updated 2014. Long-term vision and strategies for floodplain management to reduce flood damage impacts.
	Local Educational Agency Plan	Adopted May 2013 Plan by the local school board and State Board of Education as a requirement for receiving federal funding subgrants for NCLB programs. The LEA Plan includes specific descriptions and assurances as outlined in the provisions included in NCLB. In addition, LEA Plans summarize assessment data, school goals and activities

Table B-6 Legal and Regulatory Resources Available for Hazard Mitigation

Regulatory Tool	Title	Effect on Hazard Mitigation
Programs	National Flood Insurance Program	Alpine County adopts and enforces a floodplain management ordinance to reduce future flood damage. In exchange, the NFIP makes Federally backed flood insurance available to homeowners, renters, and business owners.
Ordinances and Policies	Building Code Title 19, 24, & 25 (CBC 2013 & its appurtenances)	Master Plan, Land Use Plan Element. Provides regulations to reduce hazard impact.
	Zoning Ordinances	
	Growth management ordinances	
	Alpine County Development Standards	Subdivision ordinance or regulations, wildfire ordinances, hazard set back requirements, well and on-site wastewater standards.
	Roadway, Driveway, and Lane Standards	Consistent with CalFire Fire Safe Regulations.
	Utility District Development Standards	Water and wastewater standards.

For future assessment of the Legal and Regulatory capability assessment the County and Annex Jurisdictions will review annually, based on any changes that have occurred within the year. The county and annex jurisdictions will take in to account if this capability requires to be updated due to any new development, and any increases in hazards due to the public's perception of climate change effect on hazards and if any increases or decreases in hazards to the county have occurred. They will also utilize other updated information in the plans and programs currently adopted by the County and annex jurisdictions for up to date information, in order to expand, improve upon or add any additional information to this plan, so that the information contained in this plan document stays current.

In the future the Bear Valley Water District will incorporate the FEMA-approved local hazard mitigation plan within the District's appropriate facility planning documents.

B.3.2 Administrative/Technical Mitigation Capabilities

The administrative and technical capability assessment identifies the staff and personnel resources available within the County to engage in mitigation planning and carry out mitigation projects. Although Washoe Tribe staff and personnel resources are not listed separately, there is close coordination between Alpine County and all departments of the Washoe Tribe, as well as with the Tribal Council. The administrative and technical capabilities of the County are listed in **Table B-7**.

Table B-7. Administrative and Technical Resources for Hazard Mitigation

Staff/Personnel Resources	Department / Agency
Planner(s) or engineer(s) with knowledge of land development and land management practices	Planning & Public Works
Engineer(s) or professional(s) trained in construction	Building & Public Works

practices related to buildings and/or infrastructure	
Planner(s) or engineer(s) with an understanding of manmade or natural hazards	Building, Planning, Public Health Emergency Preparedness
Staff with education or expertise to assess the community's vulnerability to hazards	Building, Fire, Public Works
Floodplain manager	Public Works
Personnel skilled in GIS and/or HAZUS-MH	GIS Program, Community Development
Emergency Services	Sheriff's Department
Finance (purchasing) – Fiscal Management	Finance Department
Public Information Officers, Planner(s)	Administration, Planning

For future assessment of the Administrative and Technical Resources capability assessment the County and Annex Jurisdictions will review annually, based on any changes that have occurred within the year. The county and annex jurisdictions will take in to account if this capability requires to be updated due to any new staff or changes within divisions and any increases in hazards due to the public's perception of climate change effect on hazards and if any increases or decreases in hazards to the county have occurred. They will also utilize other updated information in the plans and programs currently adopted by the County and annex jurisdictions for up to date information, in order to expand, improve upon or add any additional information to this plan, so that the information contained in this plan document stays current.

In the future the District can train staff to provide public outreach on mitigating hazards.

B.3.3 Fiscal Mitigation Capabilities

The fiscal capability assessment lists the specific financial and budgetary tools that are available to the County for hazard mitigation activities. These capabilities, which are listed in **Table B-8** include both local and Federal entitlements.

Table B-8. Financial Resources for Hazard Mitigation

Financial Resources	Effect on Hazard Mitigation
Local	
Authority to levy taxes for specific purposes	Yes. Upon approval of the Board of Supervisors, staying within the stipulations set forth in California Code.
Capital Improvement Plans and Fire Impact Fees	Assigns impact development fees to finance fire control capital improvement programs.
Community Development Block Grants	Yes.. Subject to grant from Fed/State.
Capital Improvement Project funding	Yes. General Fund.
Fees for water, sewer, gas or electric service	Yes for utility districts and private entities.
Incur debt through general obligation bonds	Yes. Upon voter approval, staying within the stipulations set forth in California Code.
Incur debt through special tax and revenue bonds	Yes. Upon voter approval, staying within the stipulations set forth in California Code.
Incur debt through private activity bonds	Yes. Upon voter approval, staying within the stipulations set forth in California Code.
Withhold spending in hazard-prone areas	Yes.

For future assessment of the Financial Resources capability assessment the County and Annex Jurisdictions will review annually, based on any changes that have occurred within the year. The county and annex jurisdictions will take in to account if this capability requires to be updated due to any new Grants awarded, taxes or impact fees assessed, if any new or reduction in bonds have occurred, and any increases in hazards due to the public's perception of climate change effect on hazards and if any increases or decreases in hazards to the county have occurred that would affect these fees and revenue. They will also utilize other updated information from the State, in the plans and programs currently adopted by the County and annex jurisdictions for up to date information, in order to expand, improve upon or add any additional information to this plan, so that the information contained in this plan document stays current.

In the future the Bear Valley Water District can track grant funding opportunities specifically targeted to hazard mitigation and emergency response that are applicable to the District's operations and facilities.

B.4 MITIGATION STRATEGY

B.4.1 Mitigation Goals and Objectives

The Bear Valley Water District adopts the hazard mitigation goals and objectives developed by the Hazard Planning Committee and described Chapter 4 Mitigation Strategy.

B.4.2 Mitigation Actions

The General Manager, Jeff Gouveia for the Bear Valley Water District attended some Planning Committee meetings, identified, and prioritized the mitigation actions based on the risk assessment for the hazards. Table 8-2 in Section 8 Mitigation Strategy provides mitigation goals and mitigation actions that are applicable to all jurisdictions. Information on how each action will be implemented, administered, the responsible agency and potential funding, estimated costs, and timeline are included in Table 8 -4 Action Plan Matrix of Section 8 of the MJHMP.

B.4.3 Monitoring Progress of Mitigation Activities

After the adoption of the MJHMP, the Committee will continue to ensure that the MJHMP, in particular the Mitigation Action Plan, is incorporated into existing planning mechanisms. Each member of the Local Planning Team will achieve this incorporation by undertaking the following activities.

- Conduct a review of the community-specific regulatory tools to assess the integration of the mitigation strategy. These regulatory tools are identified in **Table 7-1** of the MJHMP.
- Work with pertinent divisions and departments to increase awareness of the MJHMP and provide assistance in integrating the mitigation strategy (including the action plan) into relevant planning mechanisms. Implementation of these requirements may require updating or amending specific planning mechanisms.

Public participation was not solicited between the previous plan's adoption until the current planning process due to the maintenance of the plan not being conducted or tracked. However,

many of the actions and planning mechanism changes did occur and since these are public documents the public was included. Additionally, each time one of the planning mechanisms mentioned above was completed it was included on the County website.

However, the County is dedicated to involving the public directly in the continual reshaping and updating of the MJHMP. A downloadable copy of the plan and any proposed changes will be posted on the City's Web site. This site will also contain an e-mail address and phone number to which interested parties may direct their comments or concerns.

The Local Planning Team will also identify opportunities to raise community awareness about the MJHMP and the County's hazards. This could include attendance and provision of materials at Alpine County-sponsored events. Any public comments received regarding the MJHMP will be collected by the Local Planning Team leader, included in the annual report to the County Administrative Officer, and considered during future MJHMP updates. A press release and notice on the City's website will be issued each year before the annual maintenance meeting inviting the public to participate. A sample press release can be found in **Appendix F**.

Coordination with the County and other community planning efforts is essential to the success of implementing the update to the MJHMP. The Bear Valley Water District does not have their own documents that would incorporate the past LHMP. Therefore, they refer to and rely upon the past LHMP and will rely upon and utilize this current MJHMP.

B.5. PLAN ADOPTION AND ASSURANCES

The Bear Valley Water District will adopt this plan in accordance with FEMA requirements for plan adoption requiring formal adoption by the governing body of the Bear Valley Water District prior to submittal to FEMA for final review and approval. The adoption resolution has been included in Appendix A.

With the formal adoption of this plan by the BVWD Board of Directors assures that their district will comply with all applicable Federal statutes and regulations in effect with respect to the periods for which it received granting funding, in compliance with 44 CFR 13.1(c) and will amend its plan whenever necessary to reflect changes in district laws and statutes.

AGENDA ITEM

DATE: JUNE 11, 2018

TO: BVWD BOARD OF DIRECTORS

FROM: JEFF GOUVEIA, DISTRICT GENERAL MANAGER

RE: MONTHLY OPERATIONS REPORT

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. Reporting Status Matrix - All Reporting Submitted On-Time
 - ii. Groundwater Monitoring Program - Update
 - b. NPDES MRP - Surface Water Discharge Permit - Compliance & Reporting Update
 - i. Reporting Status Matrix - All Reporting Submitted On-Time
 - ii. CVRWQCB - Self Monitoring Report Review - May 23, 2018 - No Violations of the WDR's or MRP
 - iii. Intent to Request MRP Revision Reducing Monitoring Frequency to Once per Week from Twice
3. Other
 - a. DSOD Dam Break Analysis and Inundation Mapping - References Review, Contract Update
 - b. DWR Notice of Re-adoption of Emergency Regulations for Dam Inundation Maps - March 28, 2018
 - c. Lake Alpine Water Company Notice of Rate Increase (5.3 %)
 - d. Manhole Inserts - Lake Alpine Basin Pilot Project
 - e. Collection System - Jetting/Video Target
 - i. 1000 ft per week = 4000 per month = 15,000 this summer
 - f. CVCWA Annual Conference - May 9, 2018
 - i. Topics included
 - i. Changing Climate: Regulatory Activity to address Future Impacts
 - ii. When Disaster Strikes - Preparing for the Unexpected - City of Santa Rosa
 - iii. CV-SALTS - Salinity Alternatives for Long Term Sustainability
 - iv. Methylmercury Special Project
 - v. State of the Regional Board - Patrick Palupa, Central Valley Executive Officer

Board Meeting 6-11-18 Operations Report

• Influent Flows (MG) – Total of ALL Wastewater Received / % change previous yr

<u>February 2018</u>	<u>February 2017</u>	<u>February 2016</u>
1.836 / 30.9%	5.943 / 236.0%	2.518 / 87.9%
<u>March 2018</u>	<u>March 2017</u>	<u>March 2016</u>
3.614 / 96.3%	3.752 / 101.8%	3.685 / 180.2%
<u>April 2018</u>	<u>April 2017</u>	<u>April 2016</u>
4.374 / 92.9%	4.704 / 109.3%	4.303 / 290.7%
<u>May 2018</u>	<u>May 2017</u>	<u>May 2016</u>
1.877 / 32.4%	5.784 / 188.3%	3.071 / 376.8%

• Transferred to PR (MG) - Volume of Water Moved from Treatment to Storage / % change previous yr

<u>February 2018</u>	<u>February 2017</u>	<u>February 2016</u>
2.206 / 25.4%	8.669 / 206.4%	4.200 / 119.7%
<u>March 2018</u>	<u>March 2017</u>	<u>March 2016</u>
5.800 / 106.8	5.429 / 100.1%	5.420 / 210.3%
<u>April 2018</u>	<u>April 2017</u>	<u>April 2016</u>
5.612 / 85.2%	6.586 / 1.38%	4.770 / 238.0%
<u>May 2018</u>	<u>May 2017</u>	<u>May 2016</u>
1.955 / 27.2%	7.200 / 179.4%	4.013 / 222.6%

• Land Application - Annual Totals – MG Applied / % change previous yr

<u>2018 June 1 and 2</u>	<u>2017</u>	<u>2016</u>
0.612	16.051 / 30.5%	52.572 / 215.4%

2018 Land Application Began June 1

• Surface Discharge - Effluent Flow Discharge Totals – MG

<u>March 2018</u>	<u>April 2018</u>	<u>May 2018</u>	<u>June 2018</u>	<u>Total 2018 Discharge</u>
0.0	11.9	11.7	0.0	23.6
<u>March 2017</u>	<u>April 2017</u>	<u>May 2017</u>	<u>June 2017</u>	<u>Total 2017 Discharge</u>
15.8	29.9	29.7	16.9	92.3

• Storage Reservoir Elevations and Volumes (based on 10/6/15 pressure chart):

- Empty (minimum pool) = 7063.0' = 0 MG = 0'
- Total Depth (w/2' Freeboard) = 7086.3' = 76.45 MG = 23.3'
- Total Depth (spillway) = 7088.3' = 85.86 MG = 25.3'
- Discharge Point (DP) (Removed from 2016 Permit) = 7080.4' = 51.06 MG = 17.4'
 - Reached DP 6/2/16 = 7081.9' = 57.16 MG = 18.9'
 - Did not reach DP 2015 = N/A
 - Did not reach DP 2014 = N/A
 - Did not reach DP 2013 = N/A
- Permitted Full Reservoir (2' Freeboard) = 7086.3' = 76.45 MG = 100%
 - Highest Level 2018 – 4/20/18 = 7078.3' = 42.88 MG = 56.1%
 - Highest Level 2017 – 3/8/17 = 7083.9' = 65.67 MG = 85.9%
 - Highest Level 2016 – 5/26/16 = 7081.9' = 57.16 MG = 74.7%
 - Highest Level 2015 – 5/21/15 = 7070.1' = 15.48 MG = 20.2%
 - Highest Level 2014 – 5/8/14 = 7072.3' = 21.93 MG = 28.7%
 - Highest Level 2013 – 5/16/13 = 7073.5' = 25.84 MG = 33.8%
 - Highest Level 2012 – 5/10/12 = 7078.6' = 44.03 MG = 57.6%
 - Highest Level 2011 – 7/10/11 = 7084.47' = 112.42 MG = 106.2% (1974 capacity curve in use until 12/11)
- Current Storage Volume = 7073.1 = 24.51 MG = 32.1% (6/2/2018)
- Storage Volume 1 Year Ago = 7073.8 = 26.83 MG = 35.1% (6/2/2017)



Navigate to:
You are logged-in as: gmbearvalleywater. If this account does not belong to you, please log out.

SMR / DMR Reporting

Facility Name: Bear Valley WWTF
Water Board Office: Region 5S - Sacramento
Reporting Level: Level 1

Order Number: R5-2001-0208
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:

Export to Excel										Show: 100	Next
Previous										1-11 of 11	
ID	Report Name	Type	Frequency	Reporting Period	Due Date	Status	Date Received	Date Reviewed	Certified Violations		
2015248	January 2018	MONRPT	Monthly	01/01/2018 - 01/31/2018	03/01/2018	Past Due			No		
2058957	May 2018	MONRPT	Monthly	05/01/2018 - 05/31/2018	07/01/2018	Future			No		
2067381	June 2018	MONRPT	Monthly	06/01/2018 - 06/30/2018	08/01/2018	Future			No		
2048796	Q1 2018 (3 times per year)	GR_WATER	Quarterly	04/01/2018 - 07/31/2018	09/01/2018	Future			No		
1992020	November 2017	MONRPT	Monthly	11/01/2017 - 11/30/2017	01/01/2018	Submitted	12/19/2017		No		
2005726	December 2017	MONRPT	Monthly	12/01/2017 - 12/31/2017	02/01/2018	Submitted	01/29/2018		No		
1980260	Q3 2017 (3 times per year)	GR_WATER	Quarterly	10/01/2017 - 12/31/2017	02/01/2018	Submitted	01/16/2018		No		
1870433	2017	MONRPT	Annual	01/01/2017 - 12/31/2017	02/01/2018	Submitted	01/16/2018		No		
2031319	February 2018	MONRPT	Monthly	02/01/2018 - 02/28/2018	04/01/2018	Submitted	03/22/2018		No		
2040873	March 2018	MONRPT	Monthly	03/01/2018 - 03/31/2018	05/01/2018	Submitted	04/23/2018		No		
2048795	April 2018	MONRPT	Monthly	04/01/2018 - 04/30/2018	06/01/2018	Submitted	05/21/2018		No		

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: 12/04/2017 and 12/04/2018

[Refresh List] [Show Calendar Year]

Search results:

ID	Report Name	Type	Frequency	Reporting Period	Due Date	Status	Date Received	Date Reviewed	Certified Violations	Report	Withdrawal
1894790	May 2018	MONNPDES	Monthly	05/01/2018 - 05/31/2018	07/01/2018	Future			No		
1894791	June 2018	MONNPDES	Monthly	06/01/2018 - 06/30/2018	08/01/2018	Future			No		
1894792	July 2018	MONNPDES	Monthly	07/01/2018 - 07/31/2018	09/01/2018	Future			No		
1894793	August 2018	MONNPDES	Monthly	08/01/2018 - 08/31/2018	10/01/2018	Future			No		
1894794	September 2018	MONNPDES	Monthly	09/01/2018 - 09/30/2018	11/01/2018	Future			No		
1894795	October 2018	MONNPDES	Monthly	10/01/2018 - 10/31/2018	12/01/2018	Future			No		
1894793	November 2017	MONNPDES	Monthly	11/01/2017 - 11/30/2017	01/01/2018	Submitted	12/19/2017	03/06/2018	No	Download Report	
1973962	2018/01/30 (Tech Rot I.X.D.4)	TECH-RPT	Once	01/30/2018 - 01/30/2018	01/30/2018	Submitted	01/30/2018	03/06/2018	No	Download Report	
1894784	December 2017	MONNPDES	Monthly	12/01/2017 - 12/31/2017	02/01/2018	Submitted	01/29/2018	03/06/2018	No	Download Report	
1894785	2017	MONNPDES	Annual	01/01/2017 - 12/31/2017	02/01/2018	Submitted	01/30/2018	03/06/2018	No	Download Report	
1894786	January 2018	MONNPDES	Monthly	01/01/2018 - 01/31/2018	03/01/2018	Submitted	02/22/2018	03/06/2018	No	Download Report	
1894787	February 2018	MONNPDES	Monthly	02/01/2018 - 02/28/2018	04/01/2018	Submitted	03/22/2018	05/17/2018	No	Download Report	
1894788	March 2018	MONNPDES	Monthly	03/01/2018 - 03/31/2018	05/01/2018	Submitted	04/23/2018	05/17/2018	No	Download Report	
1894789	April 2018	MONNPDES	Monthly	04/01/2018 - 04/30/2018	06/01/2018	Submitted	05/24/2018		No	Download Report	

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EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

23 May 2018

RECEIVED JUN - 4 2018

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

**SELF-MONITORING REPORT REVIEW, 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 surface water discharge permit Waste Discharge Requirements (Surface Water WDRs) Order R5-2016-0045-01 (NPDES CA0085146) and Order 5-01-208 (Land Discharge WDRs). The Monitoring and Reporting Program (MRP) of both WDRs require monitoring for constituents and other parameters and specifies the location and frequency of monitoring. Central Valley Water Board staff has reviewed the electronic self-monitoring reports (eSMRs) for the Surface Water WDRs submitted by the Discharger for the **February 2018** and **March 2018** monitoring periods. An evaluation of the Land Discharge WDRs monitoring reports will be reviewed in a future letter.

No violations of the Surface Water WDRs or MRP were identified from review of the eSMRs.

Submittals Required by Surface Water WDRs

No technical or progress reports were required by WDRs R5-2016-0045-01 during the period reviewed under cover of this letter. The next report required is the *2018 Annual Operations Report*, which is due 30 January 2019.

If you have any questions, please contact me at (916) 464-1181 or mfarhad@waterboards.ca.gov.



MOHAMMAD FARHAD
Water Resource Control Engineer
NPDES/Storm Water Compliance and Enforcement Unit

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



RECEIVED APR - 5 2018

March 28, 2018

NOTICE OF PROPOSED EMERGENCY REGULATORY ACTION

Subject: Readoption of Emergency Regulations for Dam Inundation Maps

The California Department of Water Resources (Department) proposes this emergency rulemaking action under the Administrative Procedure Act (APA) to readopt regulations that establish criteria for dam owners to prepare and submit inundation maps for review and approval by the Department. Specifically, these emergency regulations specify definitions, scenarios, and submittal requirements for inundation maps for dams that could impact downstream life or property. The Department proposes these emergency regulations for adoption into California Code of Regulations, Title 23, Division 2, Chapter 1, Article 6.

Under the APA, Government Code section 11346.1, subdivision (a)(2), requires that, at least five working days prior to submission of the proposed emergency action to the Office of Administrative Law (OAL), the adopting agency provide a notice of the proposed emergency action to every person who has filed a request for notice of regulatory action with the agency. After submission of the proposed emergency regulations to OAL, it shall allow interested persons five (5) calendar days to submit comments on the proposed emergency regulations as set forth in Government Code section 11349.6. Upon submission, OAL will have ten (10) calendar days within which to review and make a decision on the proposed emergency regulations. The emergency regulations will become effective when OAL files the regulations with the Secretary of State.

The specific language of the Department's proposed emergency regulations and Finding of Emergency are posted on the Department's website at:
<http://www.water.ca.gov/damsafety>.

If you have any questions regarding this proposed emergency action, please contact Michael Waggoner, Assistant Chief, Field Engineering Branch, Division of Safety of Dams, Department of Water Resources, at (916) 227-9800.



Lake Alpine Water Company

May 23, 2018

LAKE ALPINE WATER COMPANY
Alpine County

Advice Letter No. 115

TO THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA
Water.division@cpuc.ca.gov

LAKE ALPINE WATER COMPANY (LAKE ALPINE) hereby transmits for filing the following changes in its tariff schedules which are attached hereto:

<u>Cal. P.U.C. Sheet No.</u>	<u>Title of Sheet</u>	<u>Canceling Sheet No.</u>
545-W	Sched. #1, Annual Metered Service (Continued)	494-W
546-W	Table of Contents	544-W

Request

By Advice Letter (AL) 115-W, LAKE ALPINE seeks authority under General Order 96-B, Rule 1.7 and Rule 7.6.2, Water Industry Rule 7.3.3(5) and Section 454 of the Public Utilities Code to increase its rates for water service to recover increased operating expenses and earn an adequate return on margin over current rates. The requested rates will be an increase of \$31,505 (5.3%) in gross annual revenue from its present rates which will provide a rate of margin (ROM) of 24% in test year 2018.

Background:

The present rates and last general rate increase were approved by Resolution W-4856 and became effective on December 27, 2010. The resolution authorized a general rate increase of \$97,356 or 18.9% and a rate of return of 13.25%. There have been no CPI or other adjustments to rates since the last general rate case (GRC).

Although the GRC provided an approved revenue of \$612,500 in December, 2010, LAWC has collected less than \$550,000 in revenues in each of the last 3 calendar years.

1. In 2010, there were 496 customers comprising 565 meter equivalents. There are now 486 customers comprising 536 meter equivalents. Rates need to be adjusted to recover the revenues from fewer customers.
2. In 2010, the estimated water sales in CCF was 18,375. Average annual metered water use is now 10,437. Rates need to be adjusted to recover the revenues from less quantity.

The following events and factors have also influenced the financial position and rate base of LAWC.



Lake Alpine Water Company

1. Shortly after the 2010 GRC, LAWC was engaged in a legal proceeding originating from Application: 11-04-013. LAWC choose not to file for a GRC until the proceedings were over. The final decisions were released in December 2016.
2. In August 2016, the CPUC Division of Water and Audits audited the 2014 and 2015 annual reports filed by LAWC. This was the first CPUC audit for LAWC. Several adjusting entries were made to the plant in service, accumulated depreciation and amortization accounts during the audits resulting in changes to the LAWC rate base.
3. While LAWC has endeavored to decrease and control expenses of labor, chemicals, office supplies and materials other expenses such as dam fees, insurance, benefits, required sampling and property tax have increased and are beyond our control.
4. Changes in our treatment process also changed expenses. Chemical and labor costs decreased while sampling and power costs increased.

Work papers and receipts justifying this increase have been provided to the CPUC Water Branch Staff.

TIER DESIGNATION AND REQUESTED EFFECTIVE DATE

These AL and enclosed tariffs are submitted pursuant to Water Industry Rule 7.3.3(5) of General Order (GO.) 96-B and this advice letter is designated as a Tier 3 filing. This advice letter will become effective upon approval through a Commission Resolution. ¹

NOTICE

A copy of this AL has been served to all parties listed on the service list ² on the last page of this AL. This filing will not cause withdrawal of service nor conflict with any other schedule or rule.

RESPONSE OR PROTEST³

Anyone may respond to or protest this advice letter. A response supports the filing and may contain information that proves useful to the Commission in evaluating the advice letter. A protest objects to the advice letter in whole or in part and must set forth the specific grounds on which it is based. These grounds are:

1. The utility did not properly serve or give notice of the advice letter;
 2. The relief requested in the advice letter would violate statute or Commission order, or is not authorized by statute or Commission order on which the utility relies;
 3. The analysis, calculations, or data in the advice letter contain material error or omissions;
 4. The relief requested in the advice letter is pending before the Commission in a formal proceeding;
- or

¹ GO. 96-B, Water Industry Rule 7.3.3

² GO. 96-B, Water Industry Rule 4.2

³ GO. 96-B, General Rule 7.4.1



Lake Alpine Water Company

5. The relief requested in the advice letter requires consideration in a formal hearing, or is otherwise inappropriate for the advice letter process; or
6. The relief requested in the advice letter is unjust, unreasonable, or discriminatory (provided that such a protest may not be made where it would require relitigating a Prior order of the Commission).

A protest may not rely on policy objections to an AL where the relief requested in the AL follows rules or directions established by statute or Commission order applicable to the utility.

A protest shall provide citations or proofs where available to allow staff to properly consider the protest. DWA must receive a response or protest via email (or postal mail) within 20 days of the date the AL is filed. The addresses for submitting a response or protest are:

Mailing Address:

California Public Utilities Commission
Water Division, 3rd Floor
505 Van Ness Avenue
San Francisco, CA 94102

Email Address:

Water.Division@cpuc.ca.gov

On the same day the response or protest is submitted to DWA, the respondent or protestant shall send a copy of the protest to LAKE ALPINE at:

Mailing Address:

Lake Alpine Water Company
Attn: Kimi Johnson
P.O. Box 5013
Bear Valley, CA 95223

Email Address:

info@lakealpinewater.com

Cities and counties that need Board of Supervisors or Board of Commissioners approval to protest should inform DWA, within the 20 day protest period, so that a late filed protest can be entertained. The informing document should include an estimate of the date the proposed protest might be voted on.



Lake Alpine Water Company

REPLIES

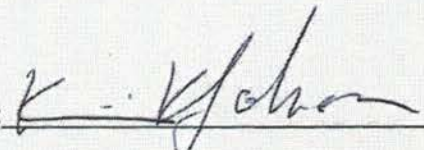
The utility shall reply to each protest and may reply to any response. Each reply must be received by DWA within five business days after the end of the protest period and shall be served on the same day to the person who filed the protest or response.

CERTIFICATE OF SERVICE

I hereby certify that the service list from this AL has been served a copy of this AL No. 115-W on May 24, 2018.

Executed in Bear Valley, California on May 23, 2018.

LAKE ALPINE WATER COMPANY

By: 
Kimi Johnson, General Manager

Enclosures

Jeff Gouveia

From: Kimi Johnson <info@lakealpinewater.com>
Sent: Saturday, June 02, 2018 11:26 AM
To: Kimi Johnson
Subject: Updates with June Invoices

Good morning,
We recently emailed to you the June invoice for water services.
This email accompanies that invoice with updates about rates and field work.

Surcharges: On this June invoice, you will notice a decrease in the Safe Drinking Water (SDWRF) surcharge. This monthly surcharge is used to repay the state for a low interest loan that funded the upgrades to the treatment plant in 2005. The surcharge will be on water bills through 2028.

There is also a one-time regulatory surcharge. This will only be on the June 2018 invoice and is not a monthly surcharge. It is used to repay the company for lead and copper sampling expenses and state regulatory fees that were not included in the last general rate case.

Bear Lake: Welcome to Summer! All BVRI members and their guests are welcome to enjoy recreational access to Bear Lake. To join BVRI, go to bvri.org. Please leave your pets at home and Leave No Trace of your trash and food.

Leak Repairs: This summer, we will be repairing leaks and valves on Fremont Road, John Ebbetts Road, Spring Cliff Road, and at BaseCamp. Thank you for your patience during water outages and road detours.

As always, feel free to call 209-753-2409 or email info@lakealpinewater.com. Thank you.

Kimi Johnson

Lake Alpine Water Company
209-753-2409

Bear Valley Water District

Performance vs. Budget

April 2017 vs. April 2018

	Prior Year July 1 - Apr. 30	FY 16 - 17 Budget	FY 16 - 17 % Budget	Current Year July 1 - Apr. 30	FY 17-18 Budget	FY 17- 18% Budget	Variance Explanation
REVENUES							
Residential	588,762	591,000	100%	581,383	589,000	99%	
Commercial	165,537	152,000	109%	204,119	190,000	107%	
Subtotal Operating Revenue	754,299	743,000	102%	785,501	779,000	101%	Revenue Target - 100%
EXPENSES							
Salaries & Benefits	237,807	289,284	82%	257,500	325,776	79%	
Director Expenses	2,223	8,500	26%	2,026	3,000	68%	
Operator Training & Certs	1,158	1,000	116%	340	1,500	23%	
Gas, Diesel, Oil & Filters	4,793	13,000	37%	2,223	3,000	74%	
Insurance	19,030	22,000	87%	21,522	22,500	96%	Prepaid + FY16-17 WC Rec
Memberships & Conferences	4,878	5,000	98%	5,883	5,500	107%	
Office Expenses & Supplies	13,585	10,000	136%	12,002	10,000	120%	Web Site + IT Work
Field Expenses & Supplies	15,238	15,000	102%	20,750	18,000	115%	Contingency Equipment
Grooming, Snow Removal & Vehicle Stor	2,730	2,500	109%	1,752	3,500	50%	
Engineering & Consulting	4,136	15,000	28%	6,179	5,000	124%	Water Balance, Rev Cap Fee
Legal & Accounting	10,216	10,000	102%	14,220	10,000	142%	Legal Rev Pers Man, Ret Docs
Equipment Rental	9,039	18,000	50%	386	600	64%	
Repairs & Maintenance	62,104	61,200	101%	77,840	78,214	100%	Projects Completed
Laboratory Fees	22,242	21,000	106%	18,113	25,000	72%	
Regulatory Reporting & Comp. Projects	6,468	7,000	92%	6,271	6,500	96%	Reporting Completed
Taxes, Fees, Licenses & Assessments	28,930	30,000	96%	29,203	30,000	97%	Prepaid
Utilities	52,511	55,000	95%	39,148	55,000	71%	Reduced Land Disposal
Subtotal Operating Expenses	497,088	583,484	85%	515,357	603,090	85%	Expense Target =85%
Net Operational Income	257,211	159,516	161%	270,145	175,910	154%	
OTHER REVENUE							
Interest Income - LAIF	1,563	500	313%	2,875	2,000	144%	
Late Fee, Penalties and Interest	6,977	10,000	70%	6,361	10,000	64%	
Expense Reimbursements - USFS Campgr	2,384	2,384	100%	3,863	3,863	100%	
Expense Reimbursements - Concessionn	4,439	4,439	100%	5,290	5,290	100%	
Misc Other Income	60	0	UBD	64	0	UBD	
Subtotal Other Revenue	15,423	17,323	89%	18,453	21,153	87%	
OTHER EXPENSES							
Loan Interest	16,883	20,156	84%	15,816	18,809	84%	
Depreciation	67,411	96,348	70%	75,748	114,223	66%	
Misc Expense				30	0	UBD	
Subtotal Other Expenses	84,294	116,504	72%	91,594	133,032	69%	
Net Other Income	(68,871)	(99,181)	69%	(73,141)	(111,879)	65%	
NET INCOME	188,340	60,335	312%	197,004	64,031	308%	
NON CASH EXPENDITURES (included in net income)							
Depreciation	53,929	96,348	56%	75,748	114,223	66%	
Subtotal Non-Cash Expenses	53,929	96,348	56%	75,748	114,223	66%	
CASH EXPENDITURES (Not Included in net income)							
Capital Improvements / Replacements	(71,362)	(66,500)	107%	(124,220)	(117,500)	106%	
Loan Payments - Principal	(30,065)	(36,182)	83%	(31,132)	(37,629)	83%	
Subtotal Addl Cash Expenses	(101,427)	(102,682)	99%	(155,352)	(155,129)	100%	
NET CASH FLOW	140,842	54,001	261%	117,399	23,125	-33%	All Projects Completed MZ Study Phase II (UBD)

BVWD
Balance Sheet Prev Year Comparison
As of April 30, 2018

	<u>Apr 30, 18</u>	<u>Apr 30, 17</u>	<u>\$ Change</u>	<u>% Change</u>
ASSETS				
Current Assets				
Checking/Savings				
11015 · F&M Bank	388,829.23	425,561.21	-36,731.98	-8.63%
11018 · LAIF	302,554.35	299,020.69	3,533.66	1.18%
11020 · Petty Cash	50.00	50.00		
11025 · Capital Facilities Fund	21,656.00	21,656.00		
Total Checking/Savings	<u>713,089.58</u>	<u>746,287.90</u>	<u>-33,198.32</u>	<u>-4.45%</u>
Accounts Receivable				
11050 · Accounts Receivable	<u>102,017.92</u>	<u>83,085.09</u>	<u>18,932.83</u>	<u>22.79%</u>
Total Accounts Receivable	<u>102,017.92</u>	<u>83,085.09</u>	<u>18,932.83</u>	<u>22.79%</u>
Other Current Assets				
11055 · Accounts Receivable-Tax Roll	10,122.58	6,351.71	3,770.87	59.37%
11140 · Prepaid Insurance	<u>16,067.25</u>	<u>13,474.08</u>	<u>2,593.17</u>	<u>19.25%</u>
Total Other Current Assets	<u>26,189.83</u>	<u>19,825.79</u>	<u>6,364.04</u>	<u>32.1%</u>
Total Current Assets	<u>841,297.33</u>	<u>849,198.78</u>	<u>-7,901.45</u>	<u>-0.93%</u>
Fixed Assets				
12010 · Land	25,805.16	25,805.16		
12020 · SbSrfLine	1,196,893.29	1,196,893.29		
12040 · Col Facilities	365,904.61	350,514.48	15,390.13	4.39%
12041 · LA Facilities	166,428.79	166,428.79		
12050 · TRT Facilities	1,122,304.14	1,122,304.14		
12060 · DSP Facilities	1,217,330.65	1,176,053.58	41,277.07	3.51%
12080 · P & A (Plant & Admin)Facilities	340,264.59	340,264.59		
12100 · Accumulated Depreciation	-2,536,007.50	-2,440,442.80	-95,564.70	-3.92%
14030 · Work in Progress				
14030.0 · W.I.P. - GIS Consulting Support	23,562.00	11,544.00	12,018.00	104.11%
14030.5 · WIP - Dechlorination System II	14,223.86		14,223.86	100.0%
14030.8 · SCADA Monitoring Alarm System	118,292.32	92,187.61	26,104.71	28.32%
14030.9 · W.I.P.-SMARTCOVER Monitor/Alarm		15,390.13	-15,390.13	-100.0%
14031.0 · W.I.P. Eq. House Transfer Pumps	4,829.00		4,829.00	100.0%
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%
16501.1 · W.I.P. Mix Zone Study Phase II	13,233.50		13,233.50	100.0%
16510 · FY16/17 NPDES PERMIT (5 Yr.)		9,096.56	-9,096.56	-100.0%
16520 · Priority Pollutant Test (5 Yr.)		9,945.40	-9,945.40	-100.0%
16530 · Hydro Jetter	<u>59,272.04</u>		<u>59,272.04</u>	<u>100.0%</u>
Total 14030 · Work in Progress	<u>233,412.72</u>	<u>148,834.30</u>	<u>84,578.42</u>	<u>56.83%</u>
Total Fixed Assets	<u>2,132,336.45</u>	<u>2,086,655.53</u>	<u>45,680.92</u>	<u>2.19%</u>
TOTAL ASSETS	<u>2,973,633.78</u>	<u>2,935,854.31</u>	<u>37,779.47</u>	<u>1.29%</u>
LIABILITIES & EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				

Balance Sheet Prev Year Comparison

As of April 30, 2018

	Apr 30, 18	Apr 30, 17	\$ Change	% Change
21021 · Accounts Payable	28,567.17	31,576.34	-3,009.17	-9.53%
Total Accounts Payable	28,567.17	31,576.34	-3,009.17	-9.53%
Other Current Liabilities				
21090 · Payroll Liabilities	23,539.58	21,729.96	1,809.62	8.33%
2110 · Direct Deposit Liabilities	3.54	3.54		
22021 · Accrued Vacation	7,539.35	12,830.22	-5,290.87	-41.24%
Total Other Current Liabilities	31,082.47	34,563.72	-3,481.25	-10.07%
Total Current Liabilities	59,649.64	66,140.06	-6,490.42	-9.81%
Long Term Liabilities				
26025 · F&M Bank Loan	462,084.51	499,337.58	-37,253.07	-7.46%
Total Long Term Liabilities	462,084.51	499,337.58	-37,253.07	-7.46%
Total Liabilities	521,734.15	565,477.64	-43,743.49	-7.74%
Equity				
29000 · Retained Earnings	2,254,896.13	2,182,036.95	72,859.18	3.34%
Net Income	197,003.50	188,339.72	8,663.78	4.6%
Total Equity	2,451,899.63	2,370,376.67	81,522.96	3.44%
TOTAL LIABILITIES & EQUITY	2,973,633.78	2,935,854.31	37,779.47	1.29%

BVWD
A/P Aging Summary
As of March 31, 2018

March 2018 Prepaids	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
A.T.&T.	45.00					45.00	U-Verse for Main Office
A.T.&T.	109.50					109.50	Telephone for Main Pump & LA Boat Ramp
A.T.&T.	202.21					202.21	Telephone for Main Office
Card Services	2,201.10					2,201.10	Office, Field Supplies, Cell Telephone
Card Services	414.94					414.94	Office, Field Supplies, Cell Telephone
Ebbetts Pass Gas	380.89					380.89	Propane
E.D.D.	244.34					244.34	State Payroll Tax
E.D.D.	235.36					235.36	State Payroll Tax
F & M Bank	4,694.80					4,694.80	Princ & Interest on Bank Loan
I.R.S.	1,995.18					1,995.18	Federal Payroll Tax
I.R.S.	1,969.26					1,969.26	Federal Payroll Tax
Lake Alpine Water Company	180.36					180.36	Water for Main Office
P.G.&E.	3,016.58					3,016.58	Electricity for March 2018
SDRMA	1,746.24					1,746.24	Employee Medical Insurance
SDRMA	487.33					487.33	Employee Dental, Vision, Disability
USPS	150.00					150.00	Postage for April A/R Invoicing
Vantagepoint Transfer	736.50					736.50	457 Plan Wire Transfer
Vantagepoint Transfer	239.75					239.75	401 Plan Wire Transfer
Vantagepoint Transfer	230.54					230.54	401 Plan Wire Transfer
Vantagepoint Transfer	727.29					727.29	457 Plan Wire Transfer
TOTAL	20,007.17					20,007.17	

March 2018 Accounts Payables	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Accurate Air Engineering, Inc		161.23				161.23	Field Supplies
Alpha Analytical Laboratories Inc.		486.00				486.00	Laboratory Analysis
Alpine County Public Works		213.83				213.83	Fuel
CHEQ Processing	38.80					38.80	Simply Deposit for March
Ebbetts Pass Lumber Co. Inc.		2.73				2.73	Supplies
Encode	1,480.00					1,480.00	Website Update
Lake Alpine Water					-0.02	-0.02	Bank Discrepancy
Neumiller and Beardslee		936.63				936.63	Legal Counsel
TOTAL	1,518.80	1,800.42			-0.02	3,319.20	

A/P Aging Summary

As of April 30, 2018

April 2018 Prepaids	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
A.T.&T.	45.00					45.00	U-Verse for Main Office
A.T.&T.	202.47					202.47	Telephone for Main Office
A.T.&T.	109.68					109.68	Telephone for LA Boat Ramp & MPS
Card Services	1,896.23					1,896.23	Office, Field Supplies, Cell Telephone
Cheq Processing	38.80					38.80	Simply Deposit Fees
E.D.D.	206.39					206.39	State Payroll Taxes
E.D.D.	205.21					205.21	State Payroll Taxes
Farmers & Merchants Bank of Lodi	4,694.80					4,694.80	Principal & Interest on Bank Loan
I.R.S.	1,898.20					1,898.20	Federal Payroll Taxes
I.R.S.	1,883.78					1,883.78	Federal Payroll Taxes
Lake Alpine Water Company	173.92					173.92	Water for Main Office
P.G.&E.	2,756.34					2,756.34	Electricity for April 2018
SDRMA	1,746.24					1,746.24	Health Benefits for Employees
SDRMA	487.33					487.33	Dental, Vision, Life, Disability Insurance
Vantagepoint Wire - 401 Plan	222.91					222.91	401 Plan Wire Transfer
Vantagepoint Wire - 401 Plan	221.31					221.31	401 Plan Wire Transfer
Vantagepoint Wire - 457 Plan	722.33					722.33	457 Plan Wire Transfer
Vantagepoint Wire - 457 Plan	718.06					718.06	457 Plan Wire Transfer
The Zenith	1,462.00					1,462.00	Workers Compensation Insurance
TOTAL	19,691.00					19,691.00	

April 2018 Prepaids	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Alpha Analytical Laboratories Inc.	119.00	1,602.00				1,721.00	Laboratory Analysis
Alpine County Public Works		132.42				132.42	Fuel
Balance Hydrologics, Inc		2,370.85				2,370.85	Water Balance Survey
California Water Environment Association		180.00				180.00	Certification Grade II Operator
CHEQ Processing	91.73					91.73	Simply Deposit Fees
Clay Eastman Snow Removal		1,001.70				1,001.70	Snow Removal
Columbia Communications Inc.		39.00				39.00	Pager Service Field Staff
Encode	400.00					400.00	Mobile Menu Update for Website
Glenn S. Caldwell Insurance Services, Inc		15,933.00				15,933.00	Liability Insurance
Gunnar Thordarson		100.00				100.00	Director Fees Reg. Meeting
Hach		959.84				959.84	Field Supplies
Jeff Gouveia		93.00				93.00	Reimbursement for Coffee

BVWD
A/P Aging Summary
As of April 30, 2018

April 2018 Prepaids	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL	Description
Jim Bissell		100.00				100.00	Director Fees Reg. Meeting
John Boyle		100.00				100.00	Director Fees Reg. Meeting
Ken Brown		100.00				100.00	Director Fees Reg. Meeting
Ken Grady Company, Inc.		728.23				728.23	Dechlor II System
Lake Alpine Water					-0.02	-0.02	Bank Statement Variance
Neumiller and Beardslee		482.28				482.28	Legal Counsel
Nexgen Utility Management		3,784.00				3,784.00	Asset Management Training
Stefaniya Beckings		115.14				115.14	Director Fees Reg. Meeting
Weber Ghio and Associates, Inc		135.00				135.00	Engineering Fees
TOTAL	610.73	27,956.46			-0.02	28,567.17	

A/R Aging Summary

As of June 7, 2018

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
TOTAL	<u>-271.00</u>	<u>-662.04</u>	<u>-2,582.28</u>	<u>28,489.69</u>	<u>-29,892.69</u>	<u>-4,918.32</u>
TOTAL CREDITS	-271.00	-662.04	-2,823.72	-27.52	-45,266.36	-49,050.64
TOTAL DEBITS	0	0	241.44	28,517.21	15,373.67	44,132.32
TOTAL	<u>\$ (271.00)</u>	<u>\$ (662.04)</u>	<u>\$ (2,582.28)</u>	<u>\$ 28,489.69</u>	<u>\$ (29,892.69)</u>	<u>\$ (4,918.32)</u>

A/R Aging Summary

As of June 7, 2017

TOTAL	<u>27.11</u>	<u>906.39</u>	<u>-535.78</u>	<u>57,018.06</u>	<u>-21,393.15</u>	<u>36,022.63</u>
TOTAL CREDITS	0	-500.00	(\$1,349.11)	-369.26	-33,679.02	-35,897.39
TOTAL DEBITS	27.11	1,406.39	813.33	57,387.3	12,285.87	71,920.02
TOTAL	<u>\$ 27.11</u>	<u>\$ 906.39</u>	<u>\$ (535.78)</u>	<u>\$ 57,018.06</u>	<u>\$ (21,393.15)</u>	<u>\$ 36,022.63</u>