



**SPECIAL
BOARD OF DIRECTORS
SAN LORENZO VALLEY WATER DISTRICT
AGENDA
April 20, 2017**

MISSION STATEMENT: Our Mission is to provide our customers and future generations with reliable, safe and high quality water at an equitable price; to create and maintain outstanding service and community relations; to manage and protect the environmental health of the aquifers and watersheds; and to ensure the fiscal vitality of the San Lorenzo Valley Water District.

Notice is hereby given that a special meeting of the Board of Directors of the San Lorenzo Valley Water District will be held on **Thursday, April 20, 2017 at 5:00 p.m., at the Felton Community Hall, 6191 Highway 9, Felton, California and Kirby Treatment Plant, 195 Kirby St., Felton, California.**

In compliance with the requirements of Title II of the American Disabilities Act of 1990, the San Lorenzo Valley Water District requests that any person in need of any type of special equipment, assistance or accommodation(s) in order to communicate at the District's Public Meeting can contact the District Secretary's Office at (831) 430-4636 a minimum of 72 hours prior to the scheduled meeting.

Agenda documents, including materials related to an item on this agenda submitted to the Board of Directors after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents are also available on the District website at www.slvwd.com subject to staff's ability to post the documents before the meeting.

1. Convene Meeting/Roll Call (@ Felton Community Hall)

2. Additions and Deletions to Agenda:

Additions to the Agenda, if any, may only be made in accordance with California Government Code Section 54954.2 (Ralph M. Brown Act) which includes, but is not limited to, additions for which the need to take action is declared to have arisen after the agenda was posted, as determined by a two-thirds vote of the Board of Directors (or if less than two-thirds of the members are present, a unanimous vote of those members present).

3. Oral Communications:

This portion of the agenda is reserved for Oral Communications by the public for items which are on the Closed Session portion of the Agenda. Any person may address the Board of Directors at this time, on Closed Session items. Normally, presentations must not exceed three (3) minutes in length, and individuals may only speak once during Oral Communications. No actions may be taken by the Board of Directors on any Oral Communications presented; however, the Board of Directors may request that the matter be placed on a future agenda. Please state your name and town/city of residence at the beginning of your statement for the record.

4. Adjournment to Closed Session (@ Kirby Treatment Plant)
At any time during the regular session, the Board may adjourn to Closed Session in compliance with, and as authorized by, California Government Code Section 54956.9 and Brown Act, Government Code Section 54950. Members of the public will be given the opportunity to address any scheduled item prior to adjourning to closed session.
 - a. CONFERENCE WITH LEGAL COUNSEL-LIABILITY CLAIMS
Government Code Section 54957
Claimant: Scott Ballard
Agency claimed against: San Lorenzo Valley Water District
 - b. CONFERENCE WITH LEGAL COUNSEL-ANTICIPATION OF LITIGATION
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9
One case
 - c. CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION
Government Code Section 54956.9(d)(1)
Case Number CV180394-Bruce Holloway, Plaintiff, v. Terry Vierra; San Lorenzo Valley Water District; Showcase Realty Agents, Inc.; Gregory Dildine; Edwige Dildine; and Does 1 to 25, Defendants.
5. Convene to Open Session at 6:30 p.m. (time certain - @ Felton Community Hall)
6. Report of Actions Taken
7. Additions and Deletions to Agenda:
Additions to the Agenda, if any, may only be made in accordance with California Government Code Section 54954.2 (Ralph M. Brown Act) which includes, but is not limited to, additions for which the need to take action is declared to have arisen after the agenda was posted, as determined by a two-thirds vote of the Board of Directors (or if less than two-thirds of the members are present, a unanimous vote of those members present).
8. Oral Communications:
This portion of the agenda is reserved for Oral Communications by the public for items which are not on the Agenda. Please understand that California law (The Brown Act) limits what the Board can do regarding issues raised during Oral Communication. No action or discussion may occur on issues outside of those already listed on today's agenda. Any person may address the Board of Directors at this time, on any subject that lies within the jurisdiction of the District. Normally, presentations must not exceed three (3) minutes in length, and individuals may only speak once during Oral Communications. Any Director may request that the matter be placed on a future agenda or staff may be directed to provide a brief response.
9. Written Communications:
 - a. HOLLOWAY V. VIERRA-FOGELQUIST
 - b. NO APPEAL-HILL
 - c. REGARDING VIERRA-NORTON

- d. VIERRA VOTE-MORGAN
- e. CONTINUED LEGAL-MELEHAN
- f. VOTE NO-SCHMITT
- g. VIERRA LAWSUIT-CECE
- h. CONFLICT OF INTEREST-KILLEEN
- i. HOW TO - HOLLOWAY
- j. SLVWD NOP CANNABIS COMMENTS-MICHELSEN
- k. BROOM & ACACIA MANAGEMENT PLAN-MORAN
- l. WATER RATE INCREASE-BRANSON
- m. WATER TANKS LEAKING-KNOBLOCK
- n. DO NOT USE GLYPHOSATE-COLMAN

10. District Manager Reports:

Information reports by the District Manager, Staff and Committees.

a. DEPARTMENT STATUS REPORTS

Receipt and consideration by the Board of Department Status Reports regarding ongoing projects and other activities.

- (1) Administration
- (2) Finance
- (3) Environmental
- (4) Operations
- (5) Bill List for period ending 4.20.17

b. COMMITTEE REPORTS:

- (1) Future Committee Meeting Agenda Items
 - (i) Admin
 - (ii) Budget & Finance
 - (iii) Engineering
 - (iv) Environmental
 - (v) LADOC
- (2) Committee Meeting Notes

11. Board of Directors Reports:

Information reports by the Board of Directors.

a. BOARD OF DIRECTORS COMMUNICATIONS

b. BOARD OF DIRECTORS MEETINGS

- (1) Future Board of Director Meeting Agenda Items
- (2) Other Future Meetings

12. Consent Agenda:

The Consent Agenda contains items which are considered to be routine in nature and will be adopted by one (1) motion without discussion. Any Board member may request that an item be withdrawn from the Consent Agenda for separate discussion.

- a. MINUTES OF THE BOARD OF DIRECTORS MEETING FROM MARCH 16, 2017
Consideration and possible action by the Board to approve minutes for the March 16, 2017 Board of Directors meeting.
- b. MINUTES OF THE BOARD OF DIRECTORS SPECIAL MEETING FROM MARCH 22, 2017
Consideration and possible action by the Board to approve minutes for the March 22, 2017 Special Board of Directors meeting.
- c. FINANCIAL SUMMARY FOR PERIOD ENDING FEBRUARY 28, 2017
Consideration and possible action by the Board to approve the Financial Summary for period ending February 28, 2017.
- d. OPEN PUBLIC COMMENT PERIOD FOR PROBATION TANK MITIGATED NEGATIVE DECLARATION
Consideration and possible action by the Board regarding the opening of the public comment period for the Probation Tank mitigated negative declaration.
- e. REDWOOD MOUNTAIN FAIRE
Consideration and possible action by the Board regarding the Redwood Mountain Faire.

13. Unfinished Business:

Members of the public will be given the opportunity to address each scheduled item prior to Board action. The Chairperson of the Board may establish a time limit for members of the public to address the Board on agendum.

- a. LOMPICO SURCHARGE
Discussion and possible action by the Board regarding the Lompico Surcharge and Merger Revenue & Costs.

14. New Business:

Members of the public will be given the opportunity to address each scheduled item prior to Board action. The Chairperson of the Board may establish a time limit for members of the public to address the Board on agendum.

- a. HIGHWAY 9 METER APPLICATION/REVIEW/INSTALLATION-SIBLEY
Discussion and possible action by the Board regarding a Highway 9 meter application/review/installation for B. Sibley.
- b. DATA COLLECTION/RESTORATION GRANT: WILDLIFE MONITORING USING CAMERA TRAPS IN OLYMPIA QUARRY PRESENTATION
Discussion and possible action by the Board regarding the Data Collection/ Restoration Grant to be presented by SLVHS students, Aiden LeRoux, Jared Rembao & Nathaniel Alisago.
- c. 2017 CLASSIC WATERSHED EDUCATION GRANTS
Discussion and possible action by the Board regarding the Education Commission grant recommendations.
- d. LOWER PASO TANK FENCING
Discussion and possible action by the Board regarding the fencing of the Lower Paso Tank.
- e. LOMPICO ASSESSMENT DISTRICT OVERSIGHT COMMITTEE
Discussion and possible action by the Board regarding the LADOC.
- f. PRELIMINARY 16/17 BUDGET REVIEW
Discussion by the Board regarding the preliminary budget review.
- g. DISTRICT MANAGERS PERFORMANCE REVIEW
Discussion and possible action by the Board regarding the District Manager's performance review.
- h. REVIEW OF BOARD POLICY MANUAL
Discussion by the Board regarding the review of the Board Policy Manual.
- i. DROUGHT SURCHARGE
Discussion and possible action by the Board regarding the Drought Surcharge.

15. Informational Material

- a. SLV MANAGER JOINS - 3.11.17
- b. AMERICORPS - PRESS BANNER 3.16.17
- c. FACT CHECKING - PRESS BANNER 3.17.17
- d. KSCO, SLV WATER - PRESS BANNER 3.17.17
- e. SLVWD APPEALS - PRESS BANNER 3.21.17
- f. SLVWD LEGAL TAB - PRESS BANNER 3.21.17
- g. SLV WATERSHED GRANT - SANTA CRUZ SENTINEL 3.24.17

- h. SLVWD RATE INCREASE - PRESS BANNER 3.27.17
- i. ROSIE TELLS SLVWD - PRESS BANNER 3.27.17
- j. PARKS DEPT. STRATEGIC PLAN - SANTA CRUZ CO. 3.24.17
- k. PRAISEWORTHY: SLVWD GRANT - SANTA CRUZ SENTINEL 4.2.17
- l. RUNNING WATER - GOODTIMES 3.22.17
- m. PUMPED UP - GOODTIMES 3.22.17
- n. SLV WATER BOARD TO VOTE - PRESS BANNER 3.28.17
- o. SLV'S BRIAN LEE - PRESS BANNER 3.31.17
- p. SLVWD DROPS APPEAL - PRESS BANNER 4.3.17
- q. VIERRA STUCK - PRESS BANNER 4.4.17
- r. SLVWD WON'T RELEASE LETTER - PRESS BANNER 4.6.17

16. Adjournment

Certification of Posting

I hereby certify that on April 14, 2017 I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, Boulder Creek, California, said time being at least 24 hours in advance of the meeting of the Board of Directors of the San Lorenzo Valley Water District (Government Code Section 54954.2).

Executed at Boulder Creek, California on April 14, 2017

Holly B. Morrison, Dist. Secretary
San Lorenzo Valley Water Dist.

RECEIVED

APR 14 2017

**SAN LORENZO VALLEY
WATER DISTRICT**

Mailing Address
P.O. Box 3245
Santa Cruz ,Cal. 95063

April 14, 2017

Scott Ballard
160 Wells Rd.
Felton, Calif. 95018
Customer number : 005842-000
Phone number 1-408-483-1103

San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek ,Calif.95006-9119

Re: Demand for Payment

Dear San Lorenzo Water District

Please be advised that you Owe me the sum of \$10,000.00. During the winter One of Your water pipes broke ,and it was replaced with a smaller pipe that lost my water pressure ,and no volume. Pipe was replaced with a smaller pipe Before this happened for the first 10 years I was always able to flush my toilet ,wash my dishes ,take a shower ,wash my hands ,water to cook food. I have NO Water. This is a Health ,and Safety Issue. Also Incase of Fire ,this is very Dangerous. For the first 10 years it worked. I must put in a well to have water. I have asked many times on the phone about this problem and my big water bill. I asked ,how come ,I didn't get a anti-back flow ,I was told by San Lorenzo Water that ,I didn't need one. The meter goes backwards (they do not). I have no water. The house next to me was also affected ,and other houses on the street.

This is your last chance to Restore my water to settle this matter before I sue you in Small Claims Court. Please contact me within 14 days from the date of the letter April 14, 2017.

If I don't hear from you within 14 days. I will file a Lawsuit again you without further notice.

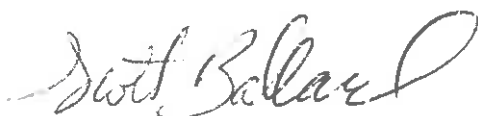
It is in your best interest to settle before a Lawsuit is filed. You will be ordered to pay court costs ,and the judgment will incur interest at the rate of 10% a year.

Based on the foregoing, I expect payment of \$10,000.00 within 14 days or restore my water.

I can be reach at the phone or at the address above. If you choose to ignore this demand for water ,or payment. All ,I want is my water back.

I will pursue all my Legal remedies without further notice to you. This letter serves as evidence that I have attempted to resolve this matter informally

Sincerely
Scott Ballard



Holly Morrison

From: Fogelquist Family <fogelquistfamily@fogfam.com>
Sent: Sunday, April 02, 2017 3:53 PM
To: Board of Directors
Subject: Holloway v. Vierra

Please stop the madness! It does not make sense from a financial point to continue litigating this case. The ratepayers would rather have their money spent on infrastructure. In reviewing the CIP plan, there seems to be a plethora of projects to choose from.

You are planning to do a rate study to increase our rates. It would be a much easier pill to swallow knowing that money is going towards infrastructure and not legal costs.

Donna & Larry Fogelquist
Scotts Valley

Holly Morrison

From: Jeff Hill <jhill@cruzio.com>
Sent: Sunday, April 02, 2017 4:27 PM
To: Board of Directors
Subject: No Appeal on Vierra Case, Please

Dear Board Members,

I write today to request that the district not spend any more money defending the conflict-of-interest case of former director Terry Vierra. Unless the District is contractually obligated to continue to defend former director Vierra, I see no reason why it should. If Mr. Vierra wants to appeal the court decision that has been rendered, he should pay for his own appeal.

--

Jeff Hill
Scotts Valley, CA
408-859-2103
jhill@cruzio.com

It's a beautiful day in California!

Holly Morrison

From: Toni Norton <lompicotoni@gmail.com>
Sent: Sunday, April 02, 2017 10:01 PM
To: Board of Directors
Subject: Regarding Vierra Defense

As paying SLVWD customers, we would like to express our shock and disbelief that the BoD continues to pursue the legal defense of former Board member Vierra. Not only should you drop the appeals process, but the former director should, at the very least, pay back the money he and his wife illegally gained from the real estate transaction. Moving past the initial judicial decision constitutes an absolute misuse of public funds.

Sincerely,

Pete and Toni Norton

Holly Morrison

From: no1alecia@cruzio.com
Sent: Monday, April 03, 2017 7:51 AM
To: Board of Directors
Cc: Brian Lee
Subject: Vierra vote today

I am opposed to any further money being spent for the Vierra case. It is wrong to keep paying for your opinion about it. We, the rate payers do not and should not be made to pay for this foolishness!

PLEASE STOP!!!!!!

Thank you

Lilian Alecia Morgan

rate payer

Holly Morrison

From: jimbofx Melehan <jimbofx@msn.com>
Sent: Monday, April 03, 2017 8:03 AM
To: Board of Directors
Subject: continued legal

As an SVL Water District rate payer, I feel that to continue litigation in the case of Mr. Vierra is a mistake and is wasteful.

Jim Melehan
256 Spreading Oak Dr
Scotts Valley

Holly Morrison

From: Marielle Schmitt <msponygal@me.com>
Sent: Monday, April 03, 2017 1:16 PM
To: Board of Directors
Subject: VOTE NO ON APPEAL Terry Vierra conflict of interest case- no more \$\$ spent on this PLEASE

I am writing to inform you that I am again the SLV water board voting to appeal a Superior Court ruling in the conflict-of-interest case of former director Terry Vierra. The cost of this litigation falls on us, the ratepayers. According to The Press Banner: "The district spent nearly \$120,000 on the case through January, and total bills in the case could reach \$240,000, a figure that does not include pursuit of a lengthy legal battle in the Sixth Court of Appeal." I see no reason why our water bills should be increasing and why we should bear this cost at the expense of our own water company. This was a \$12,000 gain he and his wife received. It is not worth any of the money we have spent defending a former director. I do not want any more of my money spent on this litigation.

Sincerely,
Marielle Schmitt

Holly Morrison

From: Sharlene Cece <cecesg@sbcglobal.net>
Sent: Monday, April 03, 2017 4:35 PM
To: Board of Directors
Subject: To All Directtors regarding the Vierra lawsuit

Director Ratcliffe and Board Members.

I have been a rate payer in Ben Lomond t for over 30 years. I would like you all to know that I believe that public ownership of utilities is a function of good government. I expect that you as elected officials must act responsibly first and foremost to the rate payers that elected you.

Therefore, I am asking your Board to settle this lawsuit immediately and to stop throwing precious resources away. Vierra did not act in our interest. You cannot continue to defend this. Withdraw the appeal. Stipulate to something that everyone can live with. He or she who ends the war wins (for the health of our District)

Thanks to Director Smallman for having the sense to see this and I hope you will all join him. Contact me if you wish.

Sharlene Cece
240 Circle Drive
Ben Lomond, CA 95005
831-345-3856

Holly Morrison

From: Julie Killeen <malpa@sbcglobal.net>
Sent: Monday, April 03, 2017 7:11 PM
To: Board of Directors
Subject: Conflict of Interest, Sanctity of Fall Creek Water, Property Tax from FLOW vote

Dear Members of the San Lorenzo Valley Water District Board of Supervisors:

Unfortunately, I am unable to come to the April 3rd Board Meeting. As a Felton resident and a client of SLV Water, I wanted to make you all aware of my views.

Conflict of Interest: The Board needs to let this issue go and should never have pursued the defense of this serious error in judgement. Each and every public official should be acutely aware of the need to avoid even the hint of a conflict of interest. Ignorance is no excuse. Citing a minor technical mistake just tells me that the members still do not understand their given responsibilities. As citizens, we need to hold all public officials to a strict standard--whether small time local officials or the current President. This may have started with the prior Board, but now the current Board has taken the District far down a wasteful path. These charges should not be passed along to consumers!

FLOW, Taxes, and Fall Creek water: I am very concerned with the proposed diversion of Fall Creek water under the cover of protecting fish in the San Lorenzo River. Although I am pro-fish, I am protective of my good Fall Creek water. Perhaps I am misunderstanding the proposal and you can clarify. I voted to purchase the old Cal-Am Felton system only after I was assured that the good Fall Creek water would continue to come through my faucets. And I continue to pay a solid \$448 per year in property taxes. Will this proposal divert the good Fall Creek water away from my faucets? If so, then you need to reimburse me for my portion of purchase of the system and distribute the costs to the entire SLV Water district.

Julie Killeen
145 MacArthur Road, Felton CA 95018

Tuesday, April 11, 2017 at 10:37:32 AM Pacific Daylight Time

Subject: How to Lose an Appeal

Date: Wednesday, March 29, 2017 at 8:26:27 AM Pacific Daylight Time

From: Bruce R. Holloway

To: Board of Directors

Hello,

Just wanted to share this transcript of a talk by an appellate judge called How to Lose an Appeal:

<http://digitalcommons.law.byu.edu/cgi/viewcontent.cgi?article=1748&context=lawreview>

Colantuono has already taken many of the steps and charges more than \$1,000 per page of work product. An appeal will cost over \$100,000 and the individual defendant doesn't stand a chance because he confessed to everything.

Why not spend that money to benefit the District and bury some pipes instead?

Thanks, Bruce



SAN LORENZO VALLEY WATER DISTRICT

13060 Highway 9 • Boulder Creek, CA 95006-9119
Office (831) 338-2153 • Fax (831) 338-7986
Website: www.slvwd.com

March 15, 2017

Matt Johnston
County of Santa Cruz
Planning Department
701 Ocean Street, 4th Floor
Santa Cruz, CA 95060

RE: Notice of Preparation of Draft Environmental Impact Report, Commercial Cannabis Regulations and Licensing Program for Cultivation and Manufacturing

Dear Mr. Johnston –

We have reviewed the Notice of Preparation for the Draft Environmental Impact Report (DEIR) for the Commercial Cannabis Regulations and Licensing Program for Cultivation and Manufacturing dated February 9, 2017 and appreciate the opportunity to provide comment.

We strongly support that the DEIR fully analyze potential direct and indirect biological impacts especially to streams and aquatic biota with regard to changes in drainage, water use, erosion, herbicide, pesticide, and rodenticide use, exotic species and increased human activity. As identified in our letter to the Board of Supervisors dated August 8, 2016 (attached) we recommend that the DEIR consider sustainable water management, water conservation, water quality protections, roads, zoning requirements, licensing and fees. Additionally we request that the DEIR evaluate the following concerns that were not addressed in the NOP.

Sustainable Water management

The analysis should consider alternatives that avoid or otherwise minimize impacts to sensitive biological resources, particularly stream flows and aquatic biota that ensure sustainability and stewardship of surface water resources in the watershed. Currently the County and local water districts are working collaboratively toward Sustainable Groundwater Management Plans for local aquifers as required by the Sustainable Groundwater Management Act. The analysis should evaluate and recommend that the Project ultimately comply with the Sustainable Groundwater Management Plans once they are adopted.

The analysis should consider alternatives that provide the same level of environmental protections that are employed by other agencies, such as the State Water Resources Control Board. For example, we recommend that the DEIR include strong Best Management Practices which guide cultivation operations and detail best practices to mitigate these operations' impacts on streams and aquatic biota. Specifically, Region 1 of the SWRCB (and likely our own Region 3 in the near future) requires cultivation operations

which are over 5,000 square feet, or within 200 feet of a perennial stream or are on slopes over 35% have water resource protection plans. Water resource protection plans can be helpful to both the growers as well as County staff as they could include guidance on drainage, water use, erosion, herbicide/pesticide use, wildlife management and other typical farm management concerns.

Climate Change

The NOP makes reference to the water shortages and drought with regard to climate change impacts and proposes to evaluate the Project's contribution to greenhouse emissions (GHG). We support that analysis, and request that further investigation into climate change impacts including the increased incidence of extreme weather events, including severe flooding associated with climate change. Having recently experienced severe storms in January and February 2017 similar to climate predictions, mountain communities like ours are still recovering from the extensive damage to roads and infrastructure from saturated soils, and flooding. We witnessed first hand how denuded areas along steep slopes were especially susceptible to landslides and severe erosion.

Timber Production Zones

If the use of Timberland is proposed for a change from growing commercial species to another use, then a Timberland Conversion permit is required (PRC 4621). To allow cultivation in areas zoned TPZ has been subject to much debate. Cannabis cultivation in TPZ lands increases environmental degradation from: chemicals, habitat removal, deforestation, dewatering, unpermitted grading, use of substandard seasonal road systems during saturated soil conditions, unpermitted structures, unpermitted habitation and other issues associated with converting steep timberland into level row crops or industrial sites. If Cannabis Cultivation is prohibited in TPZ there may be an increase in Timberland Conversion permits and consequentially subdivision, which would likely result in further environmental degradation. The DEIR should evaluate alternatives to resolve the issue of cultivation in TPZ.

Funding

The DEIR should include a discussion of Project-related environmental compliance, enforcement, environmental monitoring programs and restoration. While the Board of Supervisors, at its meeting in September 2016, decided that funding these programs should be an annual County budgetary concern, we feel it is crucial that a dedication of tax revenue and fees associated with the cannabis industry for ordinance implementation and environmental code compliance in general be evaluated in the DEIR.

The San Lorenzo Valley Water District looks forward to continuing to work with the Santa Cruz County Planning staff in the review of the DEIR. If you have any questions or concerns regarding our requests please contact Jen Michelsen, Environmental Programs Manager (831) 430-4627 or by email at jmichelsen@slvwd.com.

Sincerely,

Signature on file.

Jen Michelsen
Environmental Programs Manager
San Lorenzo Valley Water District

RECEIVED

APR 12 2017

SAN LORENZO VALLEY
WATER DISTRICT

April 12, 2017

Dear Board of Directors,

RE: Brooms and Acacia Management Plan for the Olympia Watershed

As a member of the Environmental Committee I have participated in the discussions of the Invasive Brooms and Acacia Management Plan for the Olympia Wellfield. I would like to summarize the reasons why I disagree with this plan.

The Water District "Watershed Management Plan" states that it will "Contribute to the control of herbicide and pesticide use in the greater San Lorenzo River watershed." (EH 2 P 15 of part II). Further, in Policy WQ1-DL7 it aims to "reduce the maximum extent feasible, the introduction of herbicides, pesticides, and chemicals into the water supply by minimizing and controlling the use of these constituents, and implementing "alternative methods for pest control."

In the SLV and North Coast Watershed Sanitary Survey of 2013, Kennedy/Jenks Consultants state "there is pervasive sensitivity to chemical use and general public sentiment opposed to such use."

This Invasive Broom Plan calls for applying the herbicide Roundup/Glyphosate on over 19,000 plants within a 180-acre area. That amount of herbicide doesn't come close to not "minimizing its use," nor is it being sensitive to the public opposition of such use.

It should also be noted that the Watershed Management Plan states that the "Olympia Watershed value as a groundwater source was the Districts sole reason for purchasing the property." While other objectives for this property may be worthy, the top priority must be to maintain safe drinking water.

During the Environmental Committee meetings I have presented information relating to the dangers of using the herbicide Roundup. Much of this is new information. First, the International Agency for Research on Cancer in 2015 listed glyphosate as "probably carcinogenic to humans." That finding caused a number of reactions, some of which are: our neighbor to the north, the Marin Municipal Water District voted unanimously to ban the use of glyphosate in its watershed; our neighbor to the south, the Pajaro Valley Unified School District, voted unanimously to prohibit glyphosate on its property; and, a California Superior Court Judge ruled against Monsanto, the producer of glyphosate, who must now label Roundup "as a possible carcinogen."

In our Environmental Committee meetings it was stated that if Roundup is a risk factor to humans, that, in itself, would be the most important concern. Risk factor being exposure plus toxicity.

A recent EPA Glyphosate Issue Paper: Evolution of Carcinogenic Potential, stated that glyphosate is "not likely to be carcinogenic to humans." Yet, further back in that report it also states that "the data should be considered limited though with only one or two studies available for almost all the cancer types investigated, need for more recent studies since a

large number of studies were conducted prior to 1996." Since then Roundup use has increased greatly.


That EPA ruling is not without controversy and doubt is being raised about its accuracy. California congressman Ted Lieu is now calling for an investigation and Congressional hearings due to the highly suspicious relationship between EPA official, Jess Rowland, and Monsanto. A recently released letter from a 30-year EPA scientist concluded that it "is essentially certain that glyphosate causes cancer.'

There are now over 700 Roundup cancer claims. Lawsuits assert that multiple studies on Roundup and glyphosate have been ghost written in part, and/or, published by, Monsanto, to minimize the safety concerns about the use of glyphosate. This become a question of trust, not just science. Legal and political concerns should be part of this decision as well.

It is within the SLV Watershed management plan to minimize herbicide use, to look for safe alternatives and to seek new information. I believe that there is enough information to convince this board to avoid using glyphosate in the Olympia Watershed, or, to at least raise a reasonable doubt about its safety.

Water quality is far too important to jeopardize with an herbicide that raises this much doubt. Roundup should not be used in our watershed. If this plan goes through it will undermine public confidence in the water it drinks.

Richard Moran
10310 California Drive
Ben Lomond, CA 95005

SINCERELY,


CC:
Save Our Shores
345 Lake Ave # A,
Santa Cruz, CA 95062

Sierra Club, Santa Cruz
Box 604
Santa Cruz, CA 95061-0604

Coastal Watershed Council - San Lorenzo River
345 Lake Avenue, Suite F
Santa Cruz, CA 95062

Mark Stone
Anna Eshoo
John Laird

Holly Morrison

From: elizabeth branson <elizbranson@gmail.com>
Sent: Wednesday, April 12, 2017 12:16 PM
To: Board of Directors
Subject: Today's Special Public Meeting Re Water Rate Increases

Good afternoon,

I am writing you on my lunch break, in San Jose, to inquire why the above referenced special meeting was set at a time when the majority of your ratepayers are not available to attend a meeting in Boulder Creek.

I personally believe the time of the meeting was selected purposefully to avoid having to hear any (or much) input from those you serve.

Please consider holding a second meeting on this topic at a time that the ratepayers are more likely to be available to attend.

Thank you for your consideration.

Very truly yours,

Elizabeth Branson

Holly Morrison

From: Carrissa Knoblock <chiameara@yahoo.com>
Sent: Tuesday, April 11, 2017 9:27 PM
To: Board of Directors; Customer Service
Subject: Water tanks on Echo Lane, Boulder Creek

[Download Attachment](#)
[Available until May 11, 2017](#)

Your tanks are leaking at the seams. Echo Lane at top of Sylvan in Boulder Creek

Click to Download

IMG_1432.MOV
0 bytes

Sent from my iPhone

Holly Morrison

From: Susan Colman <sgcolman@comcast.net>
Sent: Friday, April 14, 2017 7:30 AM
To: Board of Directors
Subject: Do no use Glyphosate!

How can you use Roundup/Glyphosate in the watershed? What are you thinking? California has rightly determined that it causes cancer and it doesn't breakdown the way Monsanto wants you to believe it does. You have a Master's in plant science. You should know better!

<http://www.ecowatch.com/california-roundup-cancer-warning-2335205128.html>

Susan G. Colman

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M E M O

TO: Board of Directors
FROM: District Manager
SUBJECT: Administration/Engineering Departments Status Report
DATE: ~~March 17~~ April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Administration/Engineering Departments status report.

BACKGROUND:

MEETINGS OF NOTE

- ~~March 28 DM attended and spoke at the monthly Spring Lakes MHP Board Meeting~~
- ~~March 22 DM attended a Santa Margarita Groundwater Sustainability Agency public meeting with private well owners.~~
- ~~March 6 DM attended a Santa Margarita GSA working group meeting~~

BRUCE HOLLOWAY'S LEGAL COST TO DATE

- ~~1090 portion - \$30,035. Bruce Holloway has appealed the judge's decision and costs will escalate unless Bruce Holloway drops his appeal.~~
- ~~Conflict of interest portion - \$101,414.~~

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LEGAL SERVICES REQUEST FOR PROPOSALS (RFP)

The District received 10 proposals for legal services. The Administration Committee is currently ~~reviewing and ranking~~ interviewing four firms. When they have completed their review the Administration Committee will forward ~~three or four firms~~ a recommendation to the Board for further review.

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NEEDS ASSESSMENT REQUEST FOR PROPOSALS (RFP)

At its regularly scheduled February 16, 2017 meeting the Board awarded a contract to William Fisher Architecture to conduct a District Wide Needs Assessment. Staff is currently working with Mr. Fisher to complete the study. Mr. Fisher is expected to interview senior staff this month.

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PROBATION TANK REPLACEMENT PROJECT

The 100% Plan Review is ~~currently in progress~~ complete. The Project's Habitat Conservation Plan (HCP) was approved by the Board in late summer. The HCP

~~has been posted in the Federal Register and the District is currently in a public review process. Staff anticipates obtaining a permit in late May / early June, after completion of the public review period.~~

~~Staff and consultant continue to work on final HCP requirements. We are working to obtain a permit in Winter of 2016.~~ Due to permit delays the bidding and construction of the Probation Tank project is now scheduled to start in early 2018, for completion in early 2019. Construction is expected to take 12 months

SRF Application has been submitted to State in August. State has responded and staff is working to provide additional information.

~~Funding for this project has been placed into question due to recent storm damage. Staff has met with FEMA on the 2017 Storm related system damage and believes financially we can proceed with the Probation Tank project.~~ Project continues to move toward an early 2018 start date.

SWIM TANKS REPLACEMENT PROJECT

Plans and Specifications are complete and a Mitigated Negative Declaration has been adopted by Board. ~~Project has been deferred a minimum of six months while District applies for SRF funding. Staff has met internally regarding cash-flow projections and with FEMA on the 2017 Storm related system damage and believes financially we can proceed with the Swim Tank project immediately. Bidding is expected to occur in June.~~

SRF Application has been submitted to State in August. State has responded and staff is working to provide additional information.

~~Funding for this project has been placed into question due to recent storm damage. Project continues to move toward an early 2018 start date.~~

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FALL CREEK FISH LADDER

100% plans and specifications are under staff review.

Staff was informed in 2016 by Federal Fish and Wildlife (FFW) that the Fall Creek Diversion and Fish Ladder do not qualify for streamlined permitting. This is a change of direction from past conversations over the last three years. Individual consultation will be required and the District has submitted a request to the Army Corp of Civil Engineers. This new information will delay the project at least a year, if not longer.

FELTON HEIGHTS WATER STORAGE TANK

Staff is working to obtain necessary easements on neighboring property. Design is expected for winter of 2016 with construction occurring in Spring 2017. Project has been deferred while District applies for SRF funding.

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LOMPICO ASSESSMENT DISTRICT PROJECTS

Staff has completed a 10-year schedule for completion of all projects assigned to the Lompico Assessment District ~~(attached for your review)~~. Staff is working on a Request for Proposals (RFP) to begin design work on the Lewis Tank Replacement.

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M E M O

TO: Board of Directors
FROM: District Manager
PREPARED BY: Director of Finance & Business Services
SUBJECT: FINANCE & BUSINESS SERVICES STATUS REPORT
DATE: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Finance & Business Services Department Status Report.

BACKGROUND:

BUDGET

We have received first round budget numbers back from the managers and have started sharing the information with the public. There will continue to be multiple rounds of review and follow up before a more polished budget package is ready. Each Board meeting and Finance & Budget Committee meeting will continue to have any new budget information provided so we can continue to have discussions. We are still on target to have an approved budget by the new fiscal year.

RATE STUDY

NBS had their initial presentation at the Special BOD Meeting on 4/12/2017. We will continue to have this as an agenda item and keep constant feedback to the consultants. We plan to have another Special BOD Meeting sometime during the week of May 8th, more on that to come. We encourage the public to be involved and let their voices be heard as we develop the rate study.

STORM DAMAGE / FEMA

We have started discussions with FEMA and CalOES (California Governor's Office of Emergency Services). Operations has done a great job identifying all the storm damage and dates associated for which we can get FEMA assistance with recovering some of the costs. We had our initial kick off meeting and I now know all the documentation they will need. Similar to the SRF loans we had received, this too will require a lot of tracking, gathering and submittal work. Our department will continue to be spread very thin since we will have FEMA, budget and interim audit work all going on simultaneously.

INTERIM AUDIT WORK

The auditors are scheduled to be here the week of May 8th for their interim testing. This is routine in preparing for the yearend audit. They sent us the areas we will be testing and we will gather support ahead of their arrival for a hopefully smooth process as in prior years.

QUARTERLY LEAK ADJUSTMENT

The quarterly leak adjustment report is within this status report. Staff is working with Director Baughman on a potential new policy for our Rules & Regulations regarding these adjustments.

CUSTOMER SERVICE DEPT SUMMARY

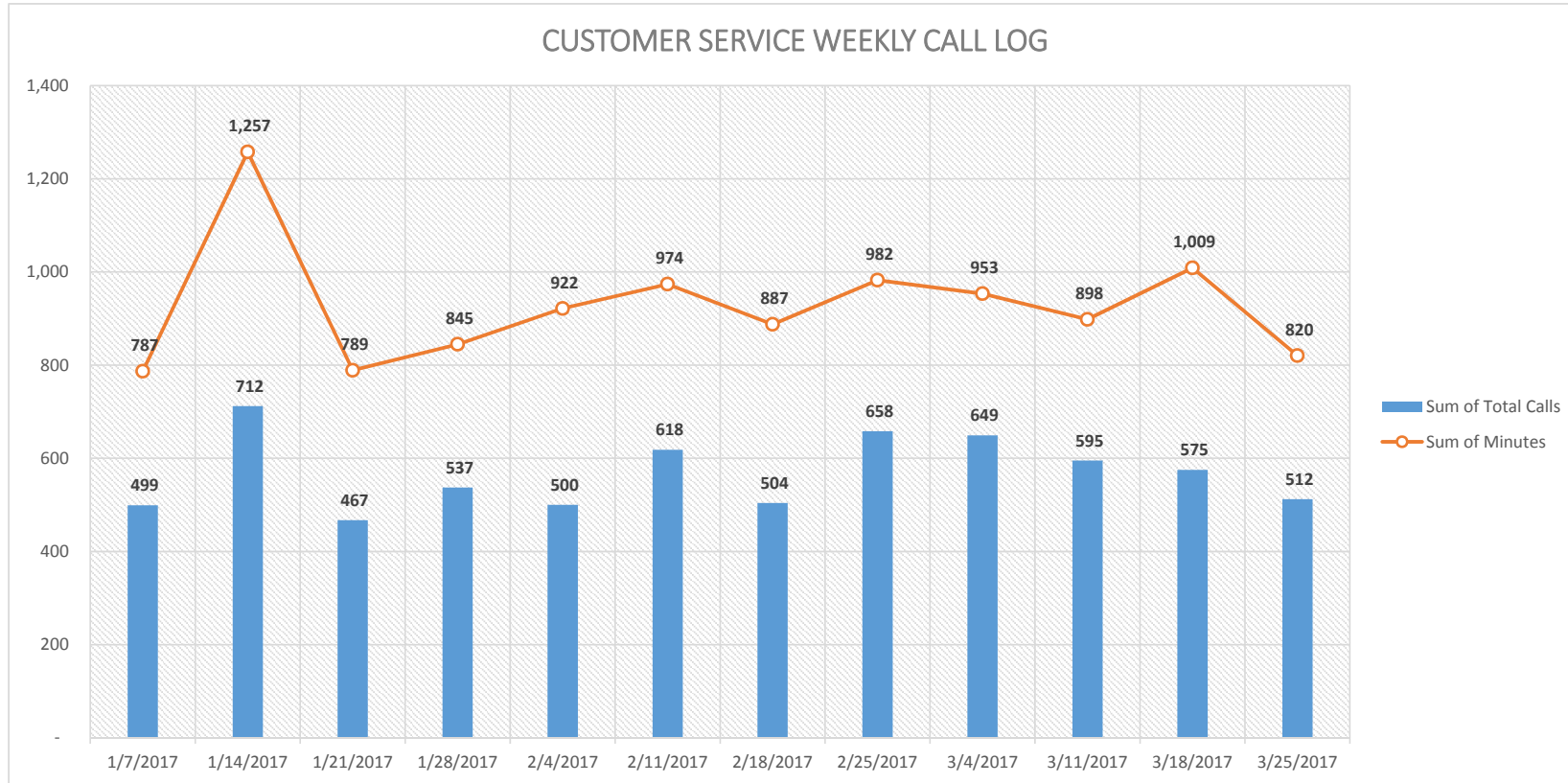
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Monthly Stats:	Mar-17	Feb-17	Jan-17	Dec-16	Nov-16	Oct-16	Sep-16	Aug-16	Jul-16
Cut In/Outs	86	68	71	76	87	102	87	125	116
Final Bills	62	36	28	36	59	44	54	70	62
Tags	291	226	209	193	205	111	306	362	245
Turn-offs	33	12	34	38	40	23	47	74	46

Online / Going Green

As of 4/12/2017

Online Sign-ups	3,038	2,985	2,929	2,880	2,826	2,772	2,712	2,640	2,585
E-Bills	879	858	843	826	808	783	762	740	721
Auto Pay	2,035	2,004	1,976	1,940	1,924	1,900	1,852	1,786	1,755

*Only one billing cycle was tagged/turned off this month due to timing issues



Week Ending	Incoming Calls		Outgoing Calls		Total Calls	
	# Calls	Minutes	# Calls	Minutes	# Calls	Minutes
1/7/2017	323	636	176	151	499	787
1/14/2017	443	938	269	320	712	1,257
1/21/2017	302	591	165	198	467	789
1/28/2017	347	681	190	164	537	845
2/4/2017	296	638	204	284	500	922
2/11/2017	389	723	229	251	618	974
2/18/2017	303	692	201	196	504	887
2/25/2017	419	741	239	242	658	982
3/4/2017	396	785	253	168	649	953
3/11/2017	362	707	233	191	595	898
3/18/2017	340	757	235	252	575	1,009
3/25/2017	270	610	242	211	512	820

Weekly Notes

Tags, Main break: Redwood
 Turn offs, Main breaks: Bear Creek, Visitar & Brookdale
 Tags, Main breaks: River & Amity
 Turn offs, Main breaks: Pine & Hillcrest
 Tags, Main break: HW Y 9 Ben Lomond
 Turn offs, Main breaks: Fair view & Lomita, Booster outage: Lompico & Paso
 Tags, Main Breaks: Farmer & Bear Creek
 Turn offs, Main breaks: Love Creek, Monan, Chantrelle & Shiloh
 Tags, Main break: San Lorenzo Way, Tank Leaking: Blair & Douglas Tanks
 Turn offs, Main break: Vovler & Brookside
 Tags, Main Break: Brookside, Cliff View, Fairview & North st, Hydrant leak: Hillside dr
 Turn offs

M E M O

TO: Board of Directors
FROM: District Manager
PREPARED BY: Finance Manager
SUBJECT: ONE TIME LEAK ADJUSTMENT STATUS REPORT
DATE: April 20, 2017

San Lorenzo Valley Water District realizes that leaks occasionally occur that will cause the customer's bill to be extraordinarily high. The District adopted a Water Bill Adjustment in the Rules and Regulations to assist customers with a one-time leak adjustment per account. To obtain a one-time leak adjustment, the customer must submit a written leak adjustment request. After review and approval, adjustments can be made to the customer's account.

During the time frame from January 1, 2017 to March 31, 2017, there were 20 leak adjustments processed. The majority of these appeared to be broken pipes on the customer side breaking or needing repair.

This brings the fiscal year to date number of adjustments to 51, with a YTD fiscal impact of \$16,393.15.

STRATEGIC PLAN:

Element 6.0 - Public Affairs

FISCAL IMPACT:

\$6,395.07

Utility Billing
Transactions by Date
LEAK ADJUSTMENT - Q3 2017



13060 Highway 9
Boulder Creek, CA 95006-9119
(831) 338-2153 phone
(831) 338-7986 fax

Date Range: From: 01/01/2017 To: 03/31/2017
Batch Type: Adj & Fees
Billing Cycle: 001, 002, 999

Account No	Journal Entry Date	Amount	Units Used	Units Above Average	How Leak Was Detected
Reference No	Tran Type		Total Consumption	Cause of Leak	
005390-000	03/28/2017	\$ (76.56)	40	UNITS OVER AVERAGE = 22	SLVVD INFORMED CUSTOMER AFTER METER READING
120142053	Adjustment		\$ 258.91	CAUSE OF LEAK = LEAK IN SPRINKLER	CAME BACK WITH HIGH USAGE
005409-000	01/17/2017	\$ (1,086.54)	376	UNITS OVER AVERAGE = 364	SLVVD INFORMED CUSTOMER AFTER METER READING
120150015	Adjustment		\$ 2,809.37	CAUSE OF LEAK = UNDERGROUND SERVICE LINE LEAK	CAME BACK WITH HIGH USAGE
005535-000	01/18/2017	\$ (134.33)	53	UNITS OVER AVERAGE = 45	SLVVD INFORMED CUSTOMER AFTER METER READING
130501000	Adjustment		\$ 351.34	CAUSE OF LEAK = FAULTY IRRIGATION VALVE	CAME BACK WITH HIGH USAGE
006437-000	03/23/2017	\$ (307.46)	122	UNITS OVER AVERAGE: 103	CUSTOMER NOTICED LEAK
240006200	Adjustment		\$ 771.16	CAUSE OF LEAK = BROKEN SERVICE LINE TO METER	
006699-000	03/28/2017	\$ (176.12)	68	UNITS OVER AVERAGE = 59	CUSTOMER NOTICED LEAK
260000150	Adjustment		\$ 465.49	CAUSE OF LEAK = LEAK IN COPPER OUTSIDE FAUCET LINE	
011158-001	01/10/2017	\$ (307.46)	115	UNITS OVER AVERAGE = 103	SLVVD INFORMED CUSTOMER AFTER METER READING
N/A	Adjustment		\$ 549.20	CAUSE OF LEAK = PIPE BURST	CAME BACK WITH HIGH USAGE
012302-000	03/28/2017	\$ (128.36)	56	UNITS OVER AVERAGE = 43	SLVVD INFORMED CUSTOMER AFTER METER READING
840477002	Adjustment		\$ 374.17	CAUSE OF LEAK = HOSE BROKE	CAME BACK WITH HIGH USAGE
012649-000	01/17/2017	\$ (122.39)	47	UNITS OVER AVERAGE = 41	CUSTOMER NOTICED LEAK
910027002	Adjustment		\$ 307.63	CAUSE OF LEAK = HOSE VALVE LEFT ON BY SEPTIC PERSON	
008280-000	03/28/2017	\$ (358.20)	130	UNITS OVER AVERAGE = 120	CUSTOMER NOTICED LEAK
510003001	Adjustment		\$ 937.31	CAUSE OF LEAK = TREE ROOT BROKE SERVICE LINE	
008464-000	01/10/2017	\$ (459.69)	159	UNITS OVER AVERAGE = 154	SLVVD INFORMED CUSTOMER AFTER METER READING
510157000	Adjustment		\$ 1,158.00	CAUSE OF LEAK = NO REASON GIVEN	CAME BACK WITH HIGH USAGE
009454-000	01/31/2017	\$ (1,588.02)	543	UNITS OVER AVERAGE = 532	CUSTOMER NOTICED LEAK
610095001	Adjustment		\$ 4,080.24	CAUSE OF LEAK = RUPTURED PIPE CAUSED BY TREE ROOT	
009627-000	03/28/2017	\$ (98.61)	41	UNITS OVER AVERAGE = 41	SLVVD INFORMED CUSTOMER AFTER METER READING
620232000	Adjustment		\$ 265.87	CAUSE OF LEAK = TREE HIT POWER POLE WHICH CAUSED SERVICE LINE BREAK	CAME BACK WITH HIGH USAGE
009661-000	03/23/2017	\$ (98.51)	44.00	UNITS OVER AVERAGE = 33	SLVVD INFORMED CUSTOMER AFTER METER READING
620252012	Adjustment		\$ 286.75	CAUSE OF LEAK = SEVERED WATER LINE GOING TO GARDEN	CAME BACK WITH HIGH USAGE
009796-000	03/23/2017	\$ (211.94)	90	UNITS OVER AVERAGE = 71	SLVVD INFORMED CUSTOMER AFTER METER READING
620317001	Adjustment		\$ 587.42	CAUSE OF LEAK = RUNNING TOILETS	CAME BACK WITH HIGH USAGE
010954-000	02/06/2017	\$ (310.44)	111	UNITS OVER AVERAGE = 104	SLVVD INFORMED CUSTOMER AFTER METER READING
720286000	Adjustment		\$ 792.72	CAUSE OF LEAK = WATER VALVE LEAK CAUSE BY OLD VALVE	CAME BACK WITH HIGH USAGE
011046-000	02/06/2017	\$ (153.92)	67	UNITS OVER AVERAGE = 64	CUSTOMER NOTICED LEAK
720360002	Adjustment		\$ 457.88	CAUSE OF LEAK = SERVICE LINE LEAK	
011318-000	02/09/2017	\$ (295.52)	111	UNITS OVER AVERAGE = 99	CUSTOMER NOTICED LEAK
740569002	Adjustment		\$ 538.70	CAUSE OF LEAK = LEAK IN BACKFLOW DEVICE	
013685-000	03/28/2017	\$ (269.36)	116	UNITS OVER AVERAGE = 112	SLVVD INFORMED CUSTOMER AFTER METER READING
N/A	Adjustment		\$ 224.11	CAUSE OF LEAK = EXCESSIVE GROUND WATER DISCONNECTED SERVICE LINE	CAME BACK WITH HIGH USAGE
014078-000	02/06/2017	\$ (62.53)	28	UNITS OVER AVERAGE = 26	SLVVD INFORMED CUSTOMER AFTER METER READING
33602000	Adjustment		\$ 198.89	CAUSE OF LEAK = LEAK IN SPIGOT FROM SERVICE LINE	CAME BACK WITH HIGH USAGE
014299-000	03/28/2017	\$ (149.11)	66	UNITS OVER AVERAGE = 62	SLVVD INFORMED CUSTOMER AFTER METER READING
N/A	Adjustment		\$ 324.17	CAUSE OF LEAK = NO REASON GIVEN	CAME BACK WITH HIGH USAGE
LEAK Totals		\$ (6,395.07)			
# Leak Adj			20		
FY 1617 YTD Totals		\$ (16,393.15)			
# Leak Adj			51		

In accordance with District Rules & Regulations, authorizing water bill adjustments, District staff has adjusted the above accounts for the period stated above.

M E M O

TO: Board of Directors
FROM: District Manager
PREPARED BY: Environmental Programs Manager
SUBJECT: Environmental Status Report
DATE: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Environmental Department status report.

CLASSIC WATERSHED EDUCATION GRANTS

Staff received 11 applications for Classic Watershed Education Grants. The Education Commission reviewed all the applications and met at a public meeting on March 28th at 7:00 PM to discuss the applications and voted on 7 applications to recommend for funding to your board. More information is included on the Agenda Packet for April 20 2017.

WATER RESOURCE STRATEGIC PLANNING

ENVIRONMENTAL DEPARTMENT ACTION PLAN

Staff is working on an Environmental Department Action Plan which forms the fiscal year work program and includes all of the projects and key initiatives prioritized according to the Watershed Management Plan's Part II: Goals, Objectives and Policies and the District's 2015 Strategic Plan. The plan identifies areas which the Department will pursue and for which it will dedicate staff and financial resources. Significant staff resources have been focused on environmental compliance for Capital Improvement, Operations, and state mandated requirements. The Environmental Department Action Plan was introduced to the Environmental Committee in January & February, and will be discussed in further detail at upcoming Environmental Committee meetings.

CONJUNCTIVE USE PLANNING GRANT AWARDED

In a collaborative effort with the County of Santa Cruz a Prop 1 Planning Grant was awarded in the amount of \$330,000: The award will fund 1. Further scientific analysis to improve stream flow and fish habitat in the upper San Lorenzo River, Fall Creek and Lompico Creek and result in an improved Operations Plan, 2. Address inefficiencies in the Felton system. 3. Address the intermittent violation of the Fall Creek diversion permit 4. Provide a plan for sustainable groundwater management. 5. CEQA permitting for the operation of the interties for expanded conjunctive use.

ENVIRONMENTAL COMPLIANCE

PROBATION TANK

Staff has been notified that the Habitat Conservation Plan, mitigation for the Probation Tank Replacement Project- which should result in a conservation bank on the Olympia Watershed has been reviewed by US Fish and Wildlife Service and has been submitted to the Federal Register. Timelines for Federal Register have been slow due to the new Federal Administration. We have been told that we should expect the permitting process to be completed by mid May - as long as there aren't significant comments.

Staff is also working with USFWS and the Land trust of Santa Cruz County and Jodi McGraw to finalize the language for the Conservation Bank Easement.

SWIM TANKS MITIGATED NEGATIVE DECLARATION

Staff has completed the environmental compliance (CEQA) requirements for the Swim Tank Replacement Project. The project is currently awaiting funding for construction.

WATERSHED MANAGEMENT

KIRBY TREATMENT PLANT RIPARIAN RESTORATION / FELTON LIBRARY OUTDOOR EDUCATION ZONE

Staff is part of the Felton Library Design Team. A portion of the District property at the Kirby Treatment Plant in Felton, which is not useful for water operations, has been requested for use as part of the outdoor education zone as well as onsite mitigation for the riparian impacts. Staff is coordinating logistics with county officials & resource agency staff to secure permits and an easement. A survey of the District parcel was completed in April, and is being used for the design specification.

Tentative Schedule:

August 2016 CCC crews stripped and prepared blackberry hybrid for root extraction.

March 2017 AmeriCorps conducted root extraction of the blackberry.

February 2017 a survey of Kirby parcel was completed.

Spring 2017 District to move fence back to open riparian area to expand the outdoor education area.

MEETINGS OF NOTE:

Grant Funding Meetings

Staff participated in the San Lorenzo 2025 meeting on April 3rd & IRWM March 3 & 8th with the Integrated Regional Water Management Group to discuss the next round of upcoming Prop 1 & IRWM grant funds that will be opening in Spring and Fall of 2017. The Prop 1 grant funding this year is focused on improving riparian habitat, water quality, and outreach. The IRWM funding is focused on Disadvantaged Communities.

Grant application: A proposed pipeline project in the North Boulder Creek area was included in a larger regional IRWM grant proposal. The SLVWD effort seeks funding for

the replacement of pipeline & water infrastructure in the area north of Boulder Creek, in a region identified as a Disadvantaged Community.

Salmonid Restoration Federation Conference

Staff attended 3 days of the Salmonid Restoration Federation (SRF) Conference in Davis March 30 - April 1st. This conference has become the largest salmon restoration conference in California and brings together scientist, engineers, restoration practitioners, planners and the next generation of watershed stewards.

Highlights included:

Addressing Stream Crossing Barriers and how to overcome challenges with incised channels, bedrock streambeds, and fish barriers.

Jay R. Lund, Center for Watershed Sciences, demonstrated how the restoration of salmon in California (and in our San Lorenzo Watershed) must occur with a landscape crowded with human activities. Water systems have organized portfolios, which are the core of water success. Ecosystems need organized portfolios of actions and assets as well. Public Health assurances are included in the cost of providing water - We NEED to pay for the Ecosystem Services as much as we do for public health.

Felicia Marcus, Chair of the State Water Resource Control Board, presented the biggest challenge before us is the challenge of Ecosystem Management. "We must wade through the battle lines and the big feelings on all sides to find solutions to our water problems."

Jay Famiglietti, Ph.D. Nasa Propulsion Lab & UC Irvine presented on the challenges of managing groundwater sustainably. By shifting our water sources from surface water during wet times to groundwater during dry times we are mining groundwater. Water in deep aquifers takes thousands of years to recharge. SUSTAINABILITY MEANS USING WHAT IS RENEWABLE. We need to learn to live within our means.

ENVIRONMENTAL REVIEW

COUNTY ORDINANCE ON CANNABIS CULTIVATION

The Notice of Preparation for the Cannabis Ordinance was released by the County of Santa Cruz. The District submitted a letter with regard to the NOP

MT. HERMON ADVENTURE PARK

Staff has been notified by the County Planning Department that the Environmental Impact Report for the Mount Hermon Adventure Bike Park will be available for public review in Spring 2017.

STREAM HABITAT ENHANCEMENT

ZAYANTE LARGE WOOD PROJECT - UPDATE

Staff continues to participate on the Technical Advisory Team for the Stream Enhancement Program on Zayante Creek. Though the project did not receive funding

through the SLR 2025 Watershed Restoration Grant Suite to CDFW. A grant application has been submitted to the Wildlife Conservation Board.

The Large Wood Project, which will include habitat restoration on both SLVWD and City of Santa Cruz Water Department property in the upper Zayante Watershed. An Integrated Watershed Restoration Program Grant is funding the planning phase of the project in which is underway.

WATER CONSERVATION

Stage 2 water restrictions are still in effect. The District continues to ask customers to Conserve Water as a way of life. The District Manager has determined that this summer customers will not be asked to water on assigned days, but can water any day of the week provided that it is only 2 days per week, and not between the hours of 10AM - 5PM and only 15 minutes per irrigation station. Hand watering may happen as frequently as necessary and food gardens are exempt.

Staff is working with the Water Conservation Coalition and the County Green Business Program to promote a Water Conservation & Pollution Prevention Video Contest: 65 videos were submitted, the WCC is now reviewing the videos and will announce the awards in early May.

Conservation Campaigns:

Groundwater Awareness Week March 5 -11

Fix a Leak Week March 20 -26

Included shared ads in local news papers and increased FB posts, and 1 enewsletter.

COMMUNICATIONS

Staff met with the Santa Cruz Sentinel and the Mountain Bulletin to for articles regarding the Conjunctive Use Planning Grant. Articles were published in the Sentinel on 3.24.17

Our monthly e-newsletters include information regarding District operations, general news and notifications and events. Staff produces multiple posts on Facebook every week focused on various district business.

PUBLIC OUTREACH/ DROUGHT OUTREACH - UPDATE

- E Newsletters are sent out to over 3500 customer email addresses once or twice monthly.
- The District Facebook page and website are updated regularly (3-5 times per week).
- Media Alerts have been published in local papers regarding:

NETWORKING/ COLLABORATIONS

SAN LORENZO 2025

The San Lorenzo River Watershed is the main source of drinking water for multiple communities and tens of thousands of residents. This watershed is home to dozens of species of fish and wildlife, including both threatened and endangered species. It is the heart of our community and is at risk because the San Lorenzo River is under stress from the effects of drought, climate change, and habitat degradation. Acting now we can keep the San Lorenzo River watershed viable for our communities and our native fish and wildlife for generations to come.

San Lorenzo River 2025 is a collaborative effort focused on addressing the risks facing the San Lorenzo River over the next ten years. Through a partnership between local governments, water districts, the Resource Conservation District and local nonprofits, San Lorenzo River 2025 seeks to achieve **reliability** of water, **restoration** of watershed habitats, and a **resilient and safe** community resource. This effort will increase both the pace and the scale of investment into the San Lorenzo Watershed.

San Lorenzo River 2025 will:

- Implement a suite of habitat restoration and watershed protection activities to maintain and improve water supplies, water quality, and natural habitats for native fish and wildlife
- Provide wildfire planning and readiness to avoid catastrophic events in the watershed
- Improve ailing infrastructure for flood protection and projected sea level rise
- Maintain and improve public areas, trails, and places for the community to enjoy the river.

FELTON LIBRARY - <http://feltonlibraryfriends.org/>

Staff continues to participate with the Technical Advisory Committee including Friends of the Felton Library, the Valley Women's Club and County Planners and administrators to design and implement a new Library building located on Gushee Street in Felton as well as an outdoor education area adjacent to the location and the District's Kirby Treatment Plant. The New Library has been awarded 10 million dollars for construction of a new library. Meetings held several times a month.

SANTA CRUZ MOUNTAINS STEWARDSHIP NETWORK - <http://scmsn.net/>

The Santa Cruz Mountains Stewardship Network is a region-wide and cross-sector collaboration of independent individuals and organizations who are committed to working together to help cultivate a resilient, vibrant region where human and natural systems thrive for generations to come. Meeting was held March 9, 2017 all day.

SANTA CRUZ MOUNTAINS BIOREGIONAL COUNCIL - <http://www.scmhc.org/>

The Bioregional Council is dedicated to the preservation and enhancement of regional biodiversity over time through education, the dissemination of accurate scientific

information and assistance in the planning, coordination and implementation of conservation efforts. Next meeting scheduled May 19th.

WATER CONSERVATION COALITION - <http://watersavingtips.org/>

The Water Conservation Coalition is a partnership between all the local Water Districts in Santa Cruz County as well as the County Water Resources Division, Ecology Action and other groups who share a passion for water conservation and public education. Our goal is to combine efforts and share resources to provide a common message about water conservation issues to residents throughout Santa Cruz County, which is a special place because ALL of our water supply comes from rain that falls within our County boundaries. Though each water district gets drinking water from different sources, we all share a common goal and work together to protect water resources in our aquifers and watersheds and continue to provide safe, high quality drinking water to all who live, work and play in Santa Cruz County. Meeting held quarterly or monthly depending on activity level.

SANTA MARGARITA GROUNDWATER AGENCY- <http://smgwa.org/>

Under the Sustainable Groundwater Management Act of 2014, overdrafted groundwater basins need to be sustainably managed by a Groundwater Sustainability Agency (GSA) through the development of a Groundwater Sustainability Plan (GSP). The GSP must be completed by 2020, and the basin must reach sustainability by 2040.

Under development is the Santa Margarita Groundwater Agency (SMGA), a three-member agency comprised of the Scotts Valley Water District, San Lorenzo Valley Water District and the County of Santa Cruz, which will oversee the groundwater management activities of the Santa Margarita Basin Area in Santa Cruz County, California. The Board of Directors of the SMGA includes two Board members from each of the water districts, one from the County, one from the City of Scotts Valley, one from the City of Santa Cruz, one from the Mount Hermon Association Community Water System and two private well owner representatives.

Once a Joint Powers Agreement (JPA) is completed in early 2017, the SMGA will apply to the state Department of Water Resources to become the GSA for the Basin.

SANTA CRUZ INTEGRATED GROUNDWATER MANAGEMENT -

<http://www.santacruzirwmp.org/>

The Santa Cruz Integrated Regional Water Management (IRWM) program provides a framework for local stakeholders to manage this region's water and water-related resources. The Santa Cruz IRWM Plan was developed in response to California's IRWM planning initiative to promote an informed, locally-driven, and consensus-based approach to water resources management.

The IRWM Plan includes strategies for developing and implementing policies and projects to ensure sustainable water use, reliable water supply, better water quality, improved flood protection and stormwater management, and environmental stewardship. [Find out more](#)

MEMO

TO: District Manager
FROM: Director of Operations
SUBJECT: OPERATIONS DEPARTMENT STATUS REPORT
MARCH 2017
DATE: April 14, 2017

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the month of March 2017.

BACKGROUND:

WINTER STORMS

During the reporting period staff spent the majority of time on winter storm response/repairs. During March 6.42 inches of rainfall were collected at the Operations Building bring rainfall totals to 85.99 inches at the end of February. Rainfall total to date (April 14, 2017) collected at the operations building is 90.47 inches.

STORM DAMAGE REPAIRS FEMA DISASTERS DECLARATIONS

The Presidents of the United States has declared three major disasters making federal disaster aid available to 34 counties in the State of California including Santa Cruz County as follows;

- January 03 - 12 FEMA - 4301-DR CA
- January 18 - 23 FEMA - 4305-DR CA
- February 01 - 23 FEMSA 4308-DR CA

At this time 14 facilities experience disaster related damage with a repair estimate of \$2,470,000 with the Lyon WTP access road being \$1.5 million included in the damage estimate. Staff has had the initial damage assessment kick off meeting with FEMA and Cal OES. The 14 projects have been submitted and are eligible for Federal Disaster Aid. Federal Disaster Aid obligates 75% of the eligible costs of both emergency work and permanent work. Individual project descriptions are included in the March Monthly Report.

SCADA COMMUNICATIONS

Communications issues are continuing to be experienced with the District's SCADA system, however have been greatly reduced. Loss of communications and intermittent alarms sometimes up to several hundred over a short period of time are being experienced. AT&T SCADA Bridge has been upgraded to IP based communication as a possible solution. This work has been completed and alarm issues are still being experienced but greatly reduced. The next corrective action to take will be replacing the data concentrator which collects and sorts data. Equipment has been order and will be shipped directly to the SCADA manufacture for proگرامing then installed at the District.

BULL BENNETT SUPPLY LINE - STORM DAMAGE

During the reporting period staff started the installation of 2,000 lineal feet of temporary supply line to replace damage pipe from storms. The existing pipe in located in the stream bed and was damaged by high stream flows. The pipe will eventually be replaced buried in the roadway protecting the pipe. Environmental review will be conducted before the old pipe can be removed from the stream and the new pipe can be buried.



Temporary pipe in roadway

FALL CREEK LOG JAM

District staff removed several 8 to 12 inch diameter logs from the fall intake structure that were impeding flow and could cause potential damage to the intake structure.

MAINLINE FLUSHING ZAYANTE AREA

Staff kicked off the annual main line flushing program for 2017. Flushing started in the Zayante/Quail Hollow areas. Several areas throughout the District are flushed annually to remove sediment from the Distribution system. Flushing is done during spring in order to take advantage of excess surface water and high river flows.

BEAR CREEK WASTEWATER MAJOR MAINTENANCE

During the reporting period staff performed major maintenance at the Bear Creek Estates Wastewater Treatment Facility. Cleaning of the 4 treatment septic tanks removing 57,800 gallons of sludge and effluent were completed. Staff replaced plumbing to the air blower system awaiting the new replacement blowers. Staff also replaced Tank 1 outlet to stop solids from flowing out of tank 1 into tank 2 maintaining primary solids in tank 1. The sludge was taken to the Santa Cruz Wastewater Treatment Facility for disposal.

Rick Rogers
Director of Operations

SAN LORENZO VALLEY WATER DISTRICT PRODUCTION COMPARRISON

Source	March-17	February-17	March-13	Difference This Year To 2013
North System				
Surface Water Sources				
Foreman Creek	41,329,494	23,275,900	28,219,000	
Peavine Creek + Hydro	0	3,789,100	5,297,000	
Clear Creek	904	0		
Sweetwater Creek	602	0		
Sub-Total (Streams)	41,331,000	27,065,000	33,516,000	23.32%
Wells (North)				
Olympia No. 2	769,000	-	0	
Olympia No. 3	150,000	-	0	
Quail Well No. 4-A	-	2,623,000	1,610,000	
Quail Well No. 5-A	22,000	1,657,100	4,800	
Sub Total North Wells	941,000	4,280,100	1,614,800	-41.73%
South System Wells				
Pasatiempo 5A	898,600	1,993,300	N/A	
Pasatiempo 6	-	-	6,227,000	
Pasatiempo 7	-	-	2,125,000	
Sub Total Pasatiempo Wells	898,600	1,993,300	8,352,000	-89.24%
North South All Sources Combined	43,170,600	33,338,400	43,482,800	-0.72%
Felton System - Surface Water				
Fall Creek	40	530,320	5,004,570	
Bennett Spring	6,216,074	2,748,635	4,158,400	
Bull 1 & 2	4,826,893	3,901,500	4,130,500	
Total Felton System Sources	11,043,007	7,180,455	13,293,470	-16.93%
Manana Woods System				
Well 1	-	-	386,725	
Total Manana Woods Sources	-	-	386,725	
Sub - Total Production				
North / Felton / Manana	54,213,607	40,518,855	57,162,995	-5.16%
Surface	52,374,007	34,245,455	46,809,470	11.89%
Wells	1,839,600	6,273,400	10,353,525	-82.23%
Total Surface Water Percentage	96.61	84.52	81.89	17.97%
Total Wells Percentage	3.39	15.48	18.11	-81.27%

**SAN LORENZO VALLEY WATER DISTRICT
PRODUCTION BY SYSTEM
+/- INTERTIES
March 2017**

North System All Sources	<u>43,170,600</u>
Interties IN +	<u>112</u>
Interties OUT -	<u>8,955,333</u>
TOTAL NORHT SYSTEM	<u>34,215,379</u>
Felton Water system All Sources	<u>11,043,007</u>
Interties IN +	<u>195,605</u>
Interties OUT -	<u>3</u>
TOTAL FELTON SYSTEM	<u>11,238,609</u>
Manana Woods System	
Manana Woods Well 1	<u>0</u>
Interties IN +	<u>402,816</u>
TOTAL MANANA WOODS	<u>402,816</u>

SAN LORENZO VALLEY WATER DISTRICT INTERTIE USAGE March 2017

INTERTIE 2

SLVWD to SVWD 0

SVWD to SLVWD 0

INTERTIE 3

SLV SOUTH to SLV NORTH 109

SLV NORTH to SLV SOUTH 6,212,754

INTERTIE 4

SLVWD to MHWD 0

MHWD to SLVWD 0

INTERTIE 6

SLV NORTH to SLV FELTON 195,605

SLV FELTON to SLV NORTH 3

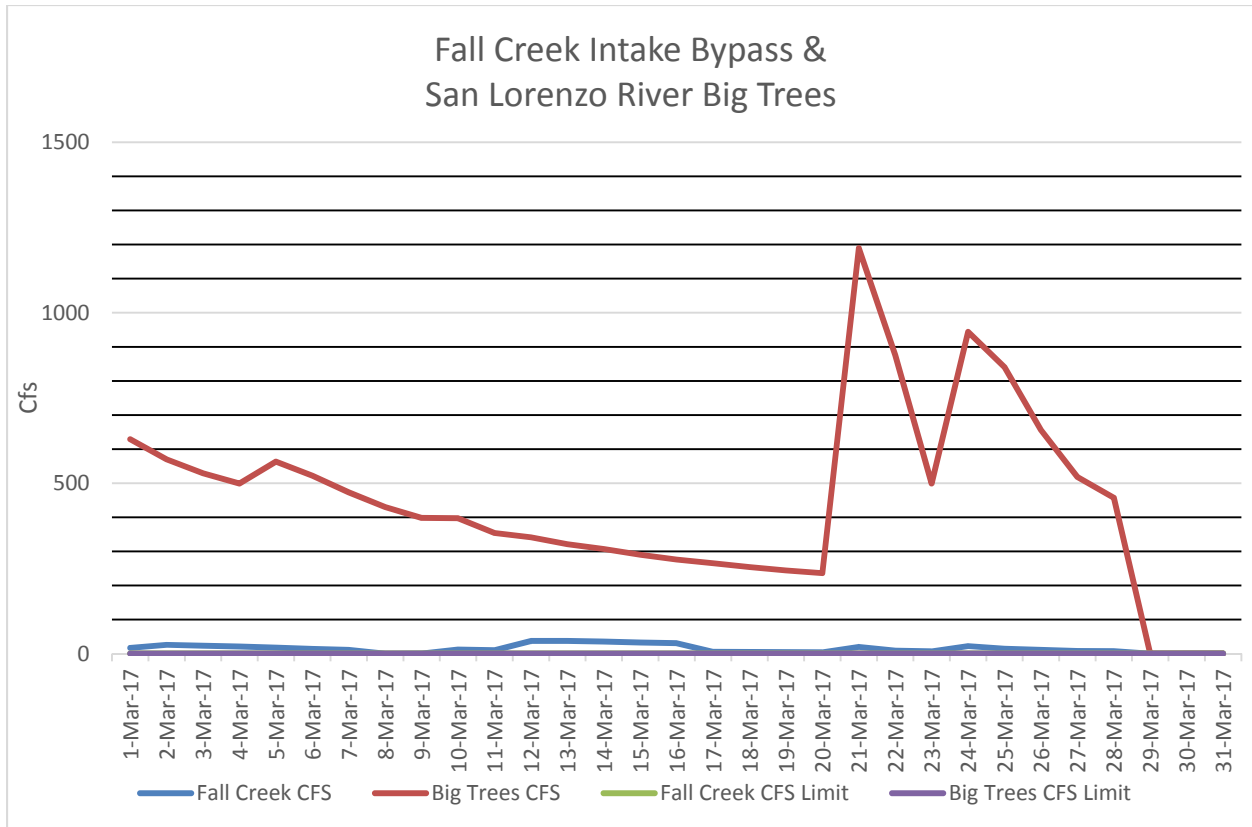
LOMPICO INTERTIE

SLV NORTH to LOMPICO 2,011,952

MANANA WOODS INTERTIE

SLVWD to MANANA WOODS 535,022

Fall Creek Intake March 2017



Normal Rainfall Fall Creek Intake Bypass Requirements

April 1 through October 31 1.0 cubic feet per second

November 1 through March 31 1.5 cubic feet per second

Dry Conditions Fall Creek Intake Bypass Requirements

April 1 through October 31 0.5 cubic feet per second

November 1 through March 31 0.75 cubic feet per second

Number of Days in month 0.75 cfs or below, ZERO days

San Lorenzo River USGS Big Trees Flow Requirements

September 11 cubic feet per second

October 26 cubic feet per second

November 1 through May 31 21 cubic feet per second

June - August No Requirements

Fall Creek Intake March 2017

For the protection of fish and wildlife, during the period: (a) April 1 through October 31 bypass a minimum of 0.5 cfs; (b) November 1 through March 31 bypass a minimum of 1.5 cfs past the Fall Creek point of diversion. The natural streamflow shall be bypassed whenever it is less than 1.5 cfs; provided, however, that during a dry year, the bypass requirement shall be reduced from 1.5 to 0.75 cfs. A dry year is defined on a monthly basis of cumulative runoff beginning October 1 of each season in the San Lorenzo River at the USGS gage at Big Trees. These runoff figures are based on approximately 50 percent of normal runoff as the dividing level between normal and dry year runoff and are as follows:

- November 1 for the month of October 500 af
- December 1 for October-November, inclusive 1,500 af
- January 1 for October-December, inclusive 5,000 af
- February 1 for October-January, inclusive 12,500 af
- March 1 for October-February, inclusive 26,500 af

Fall Creek Weir Measurement

Agenda: 4/20/17

Agenda: 4/20/17												
Month:	March			Year:	2017		Big Trees > 26,500 Acre-ft Oct-Feb Normal Yr			Big Trees <26,500 Acre-ft Oct-Feb Dry Yr		
Date	Time	Initials	Pump #	Fall Cr. GPM into Kirby plant	Weir Board Height	Weir Height Measurement	Fall Creek (Cubic Feet per Second)	Big Trees (Cubic Feet per Second)	Rainfall (Felton gauge)	Met Fall Cr, Bypass Requirement: Normal Year April 1 - Oct 31 1.0 cfs Dry Year April 1- Oct 31 0.5 cfs Nov. 1 - March 31 0.75 cfs (yes/no)	Met Big Trees Requirement Nov-May 21cfs Sept 11 cfs Oct 26 cfs (yes/no)	Notes
1	14:35	DB	n/a	0	25.0	45.8	17.05	629	0	Yes	Yes	Fall Creek off, weir up
2	15:35	DB	n/a	0	25.0	49.5	25.8	570	0	Yes	Yes	Fall Creek off, weir up
3	15:50	DB	n/a	0	25.0	48.4	22.99	529	0	Yes	Yes	Fall Creek off, weir up
4	8:05	JG	n/a	0	25.0	47.39	20.43	499	0	Yes	Yes	Fall Creek off, weir up
5	14:40	HO	n/a	0	25.0	45.83	17.19	563	0.95	Yes	Yes	Fall Creek off, weir up
6	12:15	HO	n/a	0	25.0	43.92	13.52	522	0.14	Yes	Yes	Fall Creek off, weir up
7	15:00	HO	n/a	0	25.0	42.18	10.62	473	0	Yes	Yes	Fall Creek off, weir up
8	15:20	HO	n/a	0	25.0	40.25	7.883	430	0	Yes	Yes	Fall Creek off, weir up
9	15:50	DB	n/a	0	25.0	40.1	7.762	398	0	Yes	Yes	Fall Creek off, weir up
10	15:50	DB	n/a	0	25.0	43.0	11.93	397	0	Yes	Yes	Fall Creek off, weir up
11	14:10	DB	n/a	0	25.0	41.4	10.04	354	0	Yes	Yes	Fall Creek off, weir up
12	10:50	HO	n/a	0	25.0	53.37	37.21	341	0	Yes	Yes	Fall Creek off, weir up
13	13:45	HO	n/a	0	25.0	53.38	37.24	321	0	Yes	Yes	Fall Creek off, weir up
14	13:20	HO	n/a	0	25.0	52.80	35.37	307	0	Yes	Yes	Fall Creek off, weir up
15	14:55	DB	n/a	0	25.0	51.80	32.3	290	0	Yes	Yes	Fall Creek off, weir up
16	16:00	DB	n/a	0	25.0	51.30	30.5	276	0	Yes	Yes	Fall Creek off, weir up
17	13:40	DB	n/a	0	25.0	37.70	5.009	265	0	Yes	Yes	Fall Creek off, weir up
18	08:15	JG	n/a	0	25.0	37.55	4.77	254	0	Yes	Yes	Fall Creek off, weir up
19	12:00	HO	n/a	0	25.0	36.58	3.961	244	0	Yes	Yes	Fall Creek off, weir up
20	9:10	HO	n/a	0	25.0	36.19	3.636	236	3.47	Yes	Yes	Fall Creek off, weir up
21	10:20	HO	n/a	0	25.0	47.00	19.71	1190	0.44	Yes	Yes	Fall Creek off, weir up
22	9:25	HO	n/a	0	25.0	41.02	8.92	876	0	Yes	Yes	Fall Creek off, weir up
23	15:50	DB	n/a	0	25.0	39.10	6.55	499	1.45	Yes	Yes	Fall Creek off, weir up
24	14:35	DB	n/a	0	25.0	48.0	22.12	944	0.4	Yes	Yes	Fall Creek off, weir up
25	13:05	DB	n/a	0	25.0	44.5	14.69	840	0	Yes	Yes	Fall Creek off, weir up
26	14:00	KS	n/a	0	25.0	42.18	10.62	656	0	Yes	Yes	Fall Creek off, weir up
27	16:05	NG	n/a	0	25.0	40.05	7.56	518	0	Yes	Yes	Fall Creek off, weir up
28	14:10	HO	n/a	0	25.0	39.67	7.16	457	0	Yes	Yes	Fall Creek off, weir up
29	16:35	HO	n/a	0	25.0	38.70	6.03	410	0	Yes	Yes	Fall Creek off, weir up
30	15:20	DB	n/a	0	25.0	37.5	4.776	362	0	Yes	Yes	Fall Creek off, weir up
31	16:05 ⁴⁶	DB	n/a	0	25.0	36.4	3.81	357	0	Yes	Yes	Fall Creek off, weir up

SAN LORENZO VALLEY WATER DISTRICT
January 2017 Storms
Jan 03 -12 2017
FEMA-4301-DR-CA

Project	Date	Work Order #	Project Estimate
Highway 9 & Pacific Ave Brookdale 6" 6" Main Break in Highway 9 caused by ground movement.	1/9/2017	268	75,000
Bear Creek Road Main Relocation Installation of approximately 400 LF of 4" HDPE temporary waterline do to Bear Creek Road failure damaging the existing 8" waterline	1/10/2017	269	250,000
Foreman Creek Intake Large amount of debris covered the intake and diverted flow from the main channel. Unknown if there is damage to the intake. Temporary intake has been installed	1/10/2017	270	25,000
Madrone Booster No PG&E power at booster, generator rented and installed	1/9/2017	271	8,000
Bear Creek Wastewater Overflow Wastewater overflow multiple pump trucks	1/9/2017	275	20,000
Visitar Main Break Tree uprooted causing damage to water main and services	1/9/2017	267	20,000
Bear Creek Tank SCADA Control Flooded, Failed not operating	1/9/2017	274	35,000
Fall Creek Intake Log Jams, large rock and gravel removal	1/12/2017		25,000
		Estimated Total	\$ 458,000

**San Lorenzo Valley Water District
 February Storm Damage
 Feb 01 to 23, 2017
 FEMA 4308-DR CA**

Project	Date	Work Order #	Project Estimate
Highway 9 & Western Ave 6" North Bound lane Highway 9 dropped off into the river damaging approximately 500 LF of six-inch water main. Staff installed 2" bypass main.	2/2/2017	314	350,000
Lyon Water Treatment Plant Access Road Slide Large slide on the embankment between Lyon Tank and the access road to the Treatment plant below the interceptor tank. Staff has covered the area with plastic to protect from additional rainfall	2/10/2017	326	1,500,000
Raw Water Supply Lines Peavine, Five Mile, and Foreman Numerous trees down on above ground water line	2/23/2017		30,000
Alta Via 4" Approximately 300 LF of 4" HDPE pipe damaged by debris flow. Staff installed 200 LF of 2" bypassing damage	2/21/2017	349	35,000
Bull/Bennet Supply Line Replace approximate 2,000 LF of supply line damage by high stream flow and debries.	2/23/2017	358	55,000
Miscellouans Main Breaks System Wide (4) 02/22, 02/20, 02/07, 02/07			25,000
Sub total			1,995,000

San Lorenzo Valley Water District
Loch Lomond Water Supply
March 2017

Loch Lomond Water Level



Week ending 4/05/2017

(in feet above mean sea level; lake spills at 577.25 feet)

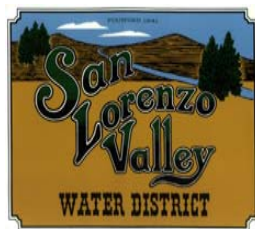
Currently:	577.30ft
Percent of capacity:	100.0%

In 1958 SLVWD sold 2,500 acres of property in the vicinity of the Newell Creek Watershed to the City of Santa Cruz, with the agreement that SLVWD would be entitled to purchase 12 ½ percent of the annual safe yield from a future Newell Creek reservoir, up to a maximum of 500 AF/yr. Based on the 1958 agreement, SLVWD began receiving delivers of Loch Lomond water from the City in 1963. In 1965 the District constructed the Glen Arbor Water treatment plant for treating Loch Lomond water. Toward the end of the 1976-77 drought, the City stipulated that the District was not entitled to an allocation of 500 AF/yr, merely 12.5% of the safe yield. This decision based on a reduction to the estimated annual safe yield from the Newell Creek Reservoir, reduced the Districts contractual allocation. On June 7, 1977, the District filed a Complaint for Declaratory Relief, which requested the court to make a judicial determination of the respective parties' duties and rights. In June 1980 a court order fixed the estimated safe yield from Newell Creek Reservoir at reduced quantity, which resulted in a reduction to the Districts contractual allocation to 313 AF/yr.

Production Loch Lomond to SLVWD

Date	Total Used	Total Available
1976 July to June 1977	353 AF	
1977 July to June 2015	0	313 AF
2015 July to 02/2016	0	313 AF
2/20/16 to Current	0	313 AF

Last time District used Loch Lomond water was June 1977

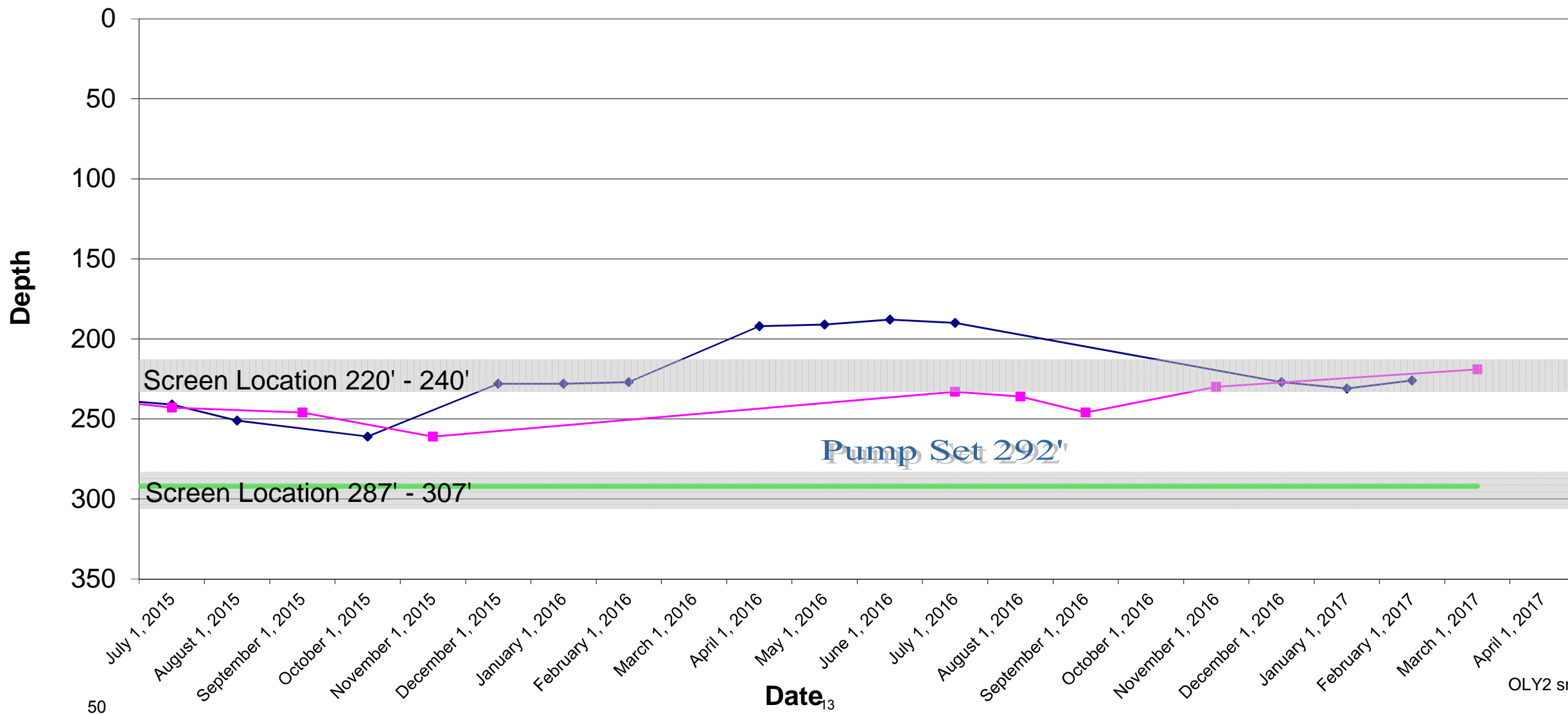
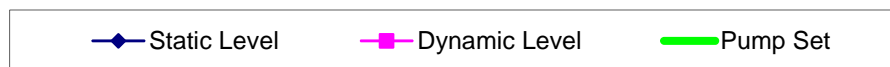


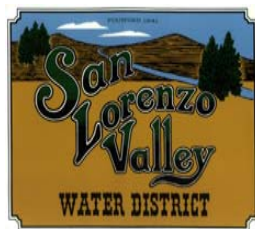
SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Olympia 2

Location: 7701 E. Zayante Rd.
Elevation: 525'
Installed: April 28, 1980
State Well #: 10S/O2W-11P01
New #: 4410014-010
Completed Depth: 300'



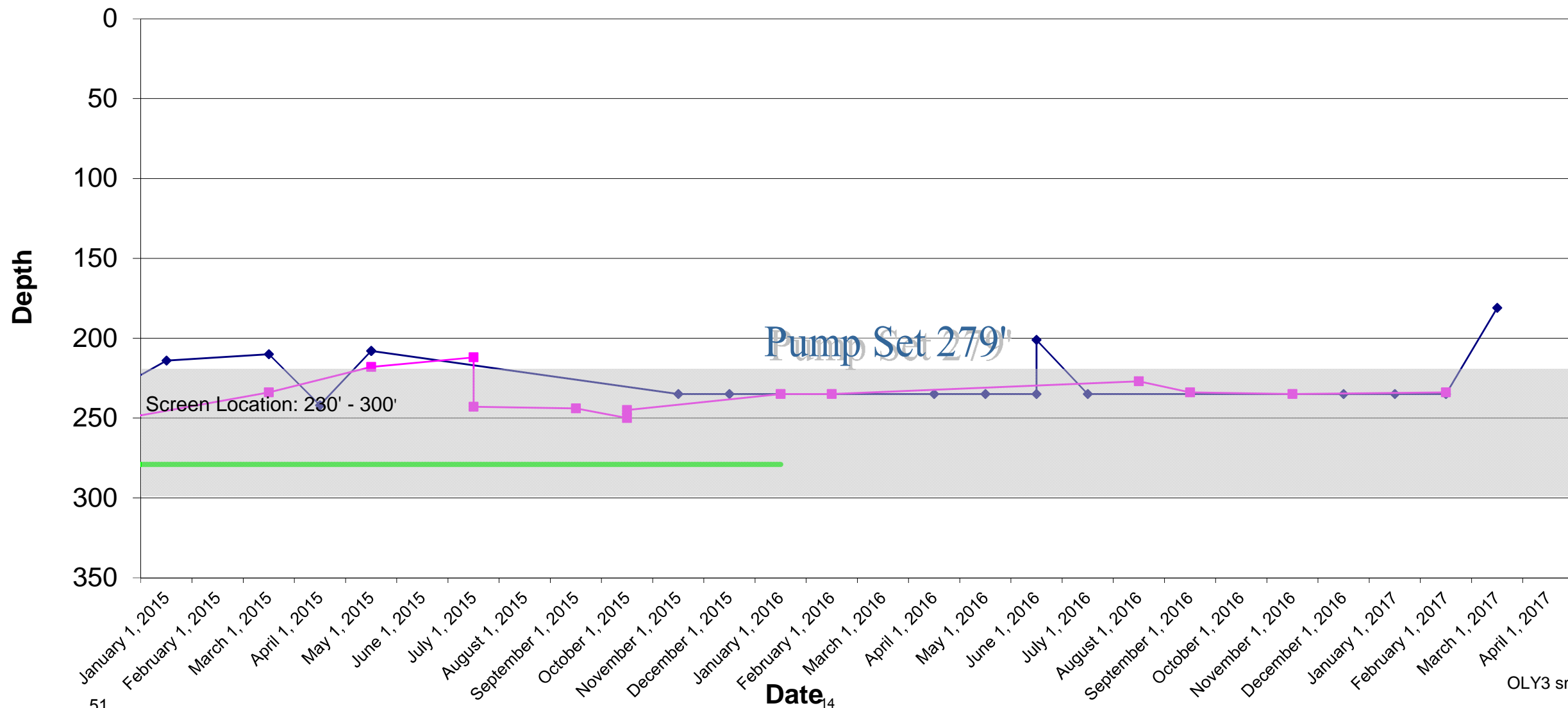


SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Olympia 3

Location: 7701 E. Zayante Rd
Elevation: 538' Mean Sea Level
Installed: 8-15-90
State Well #: 4410014-022
Completed Depth:

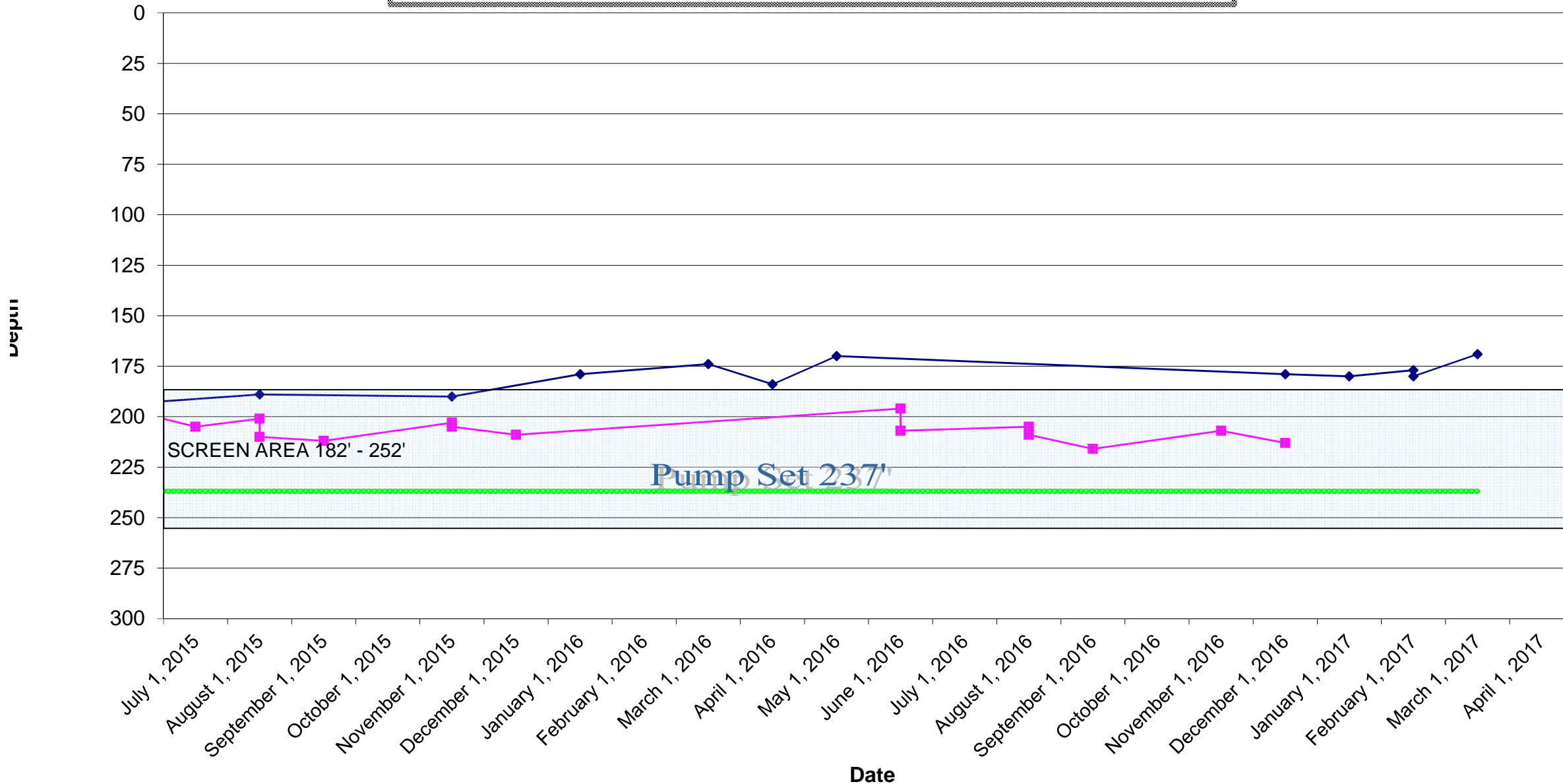
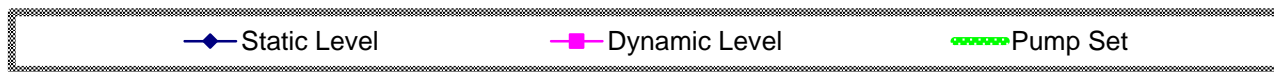


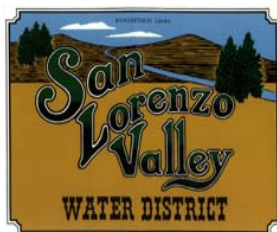
SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Quail Well 4-A

Location: Cumora Ln. Ben Lomond
Elevation: 596.54 ft @ Pad
Installed: 6-07-2001
State Well #: 4410014-026
Completed Depth: 265



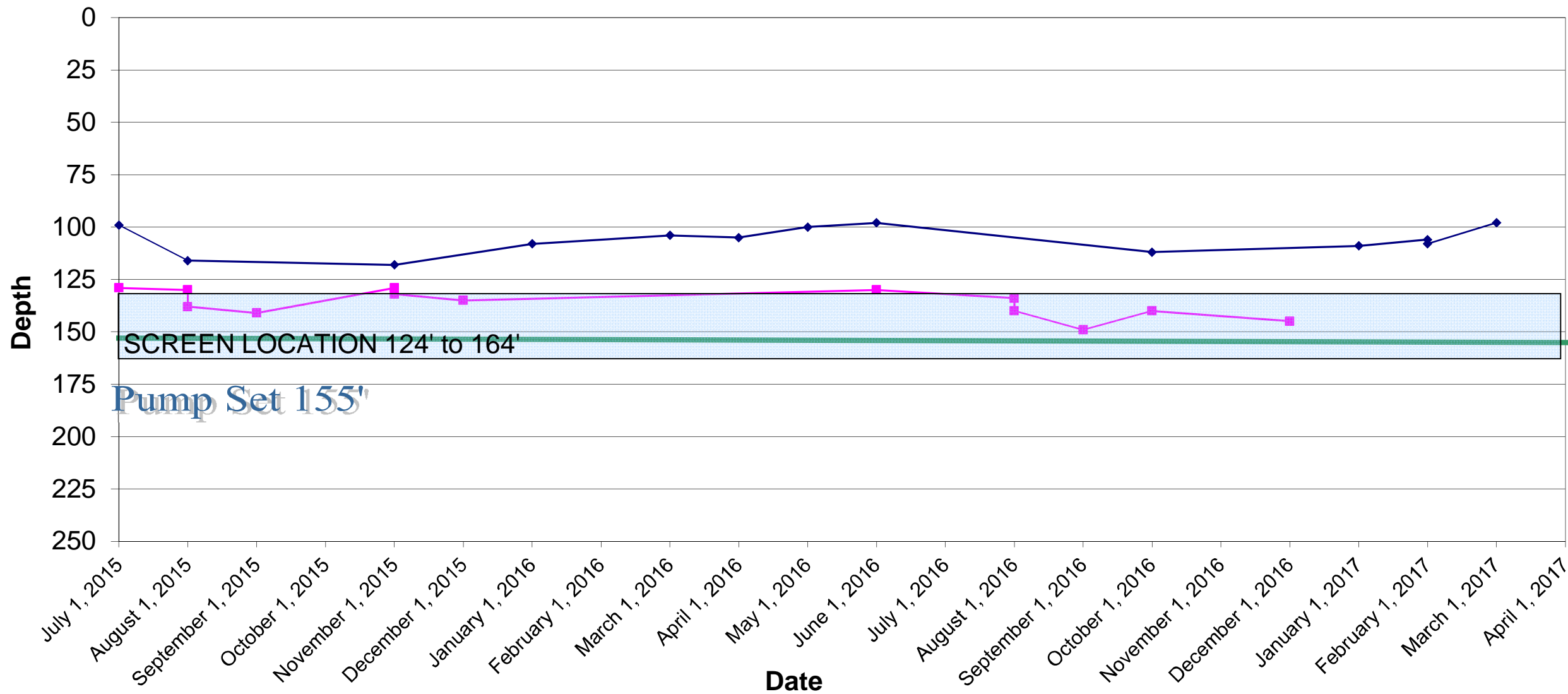


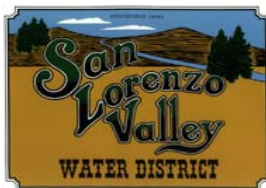
SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Quail Well 5-A

Location: 1161 Quail Hollow Rd.
Ben Lomond
Elevation: 517.65 ft. @ Pad
Installed: March 2000
State Well #: 4410014-025
Completed Depth: 174'



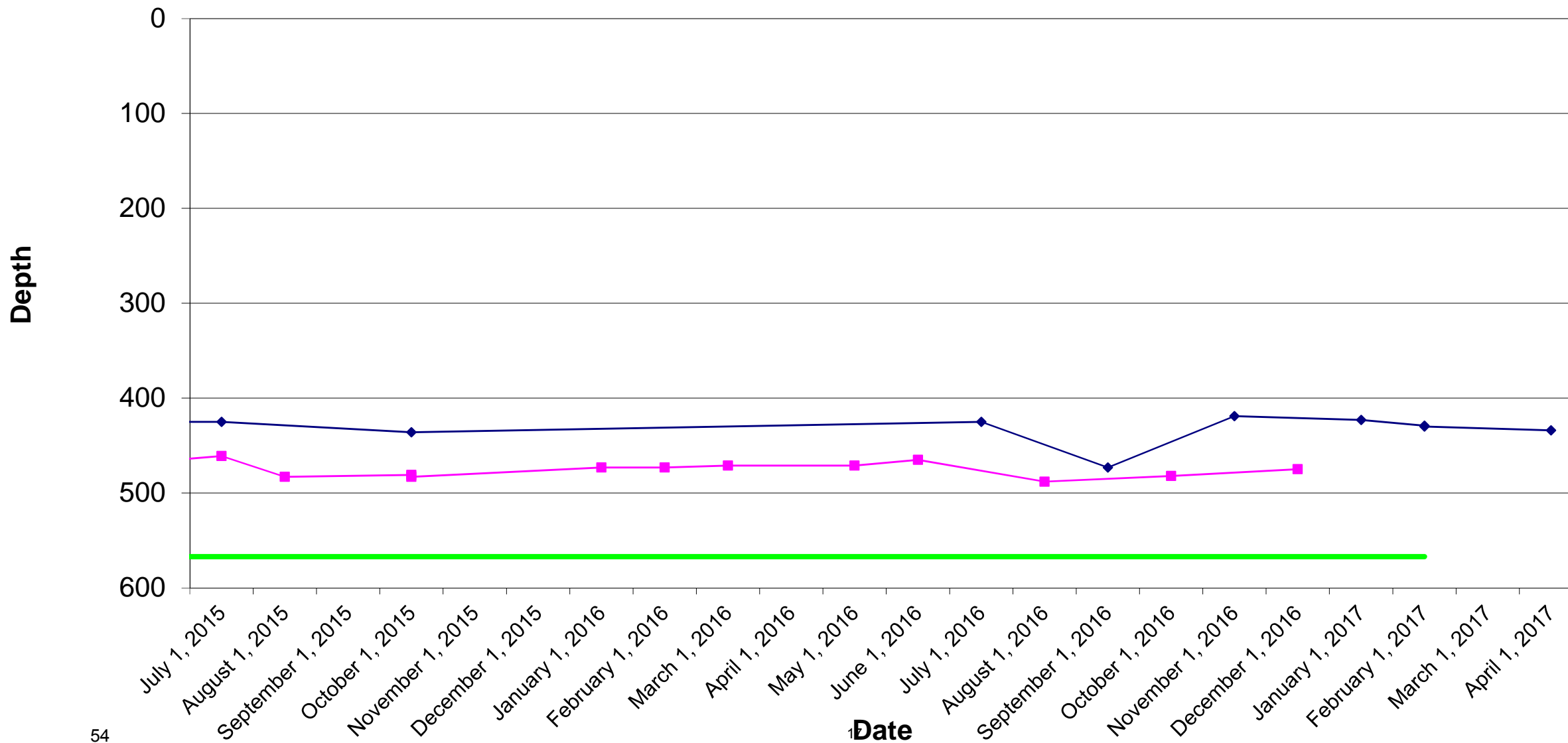
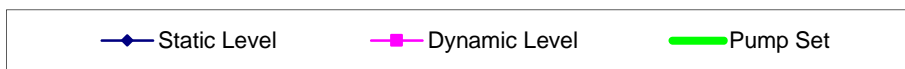


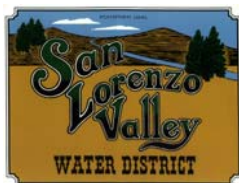
SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Pasatiempo 5-A

Location: So. Of 3650 Graham Hill Rd
Elevation: 752'
Installed 1-1-14
State Well #:4410014-014
Completed Depth: 710'



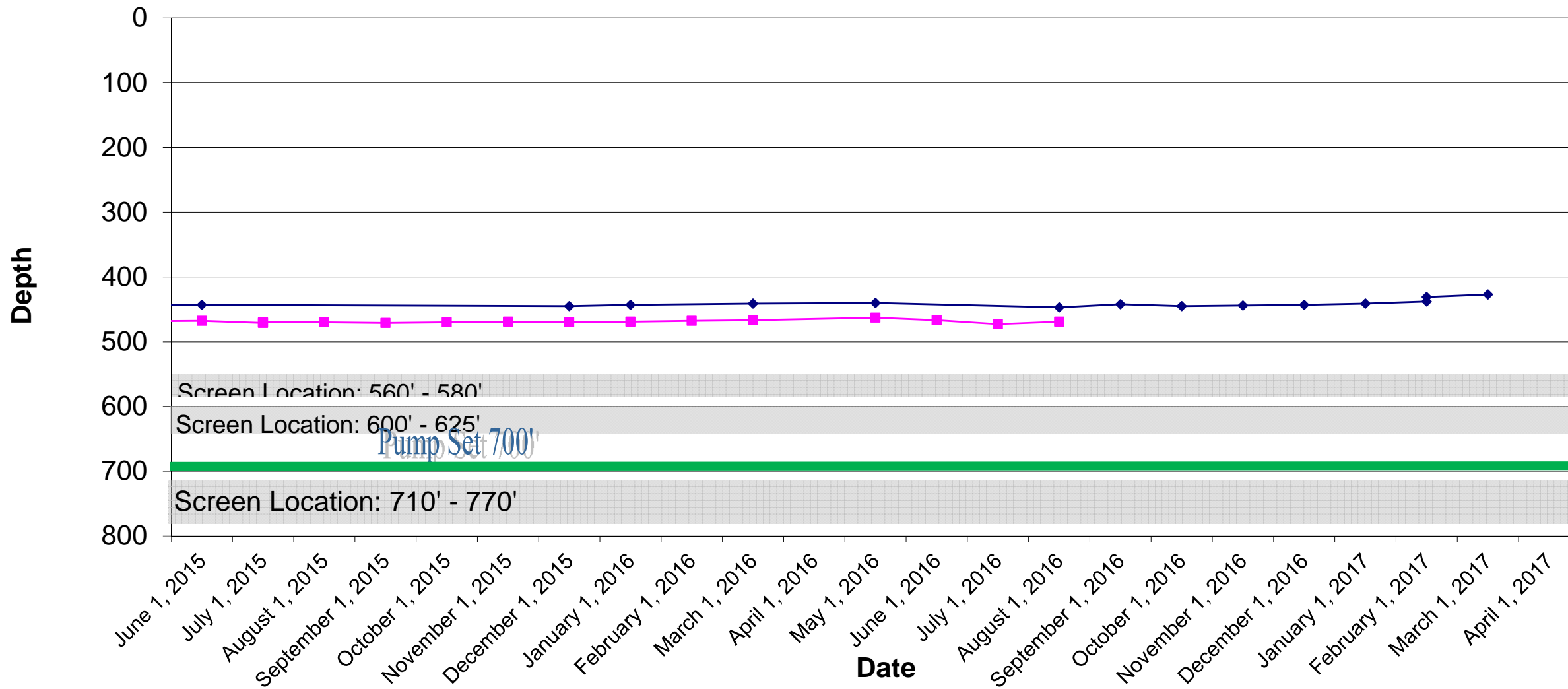
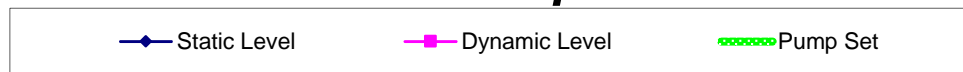


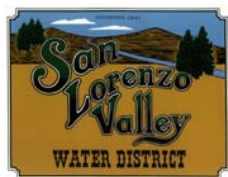
SAN LORENZO VALLEY WATER DISTRICT

Well Drawdown Report

Pasatiempo 6

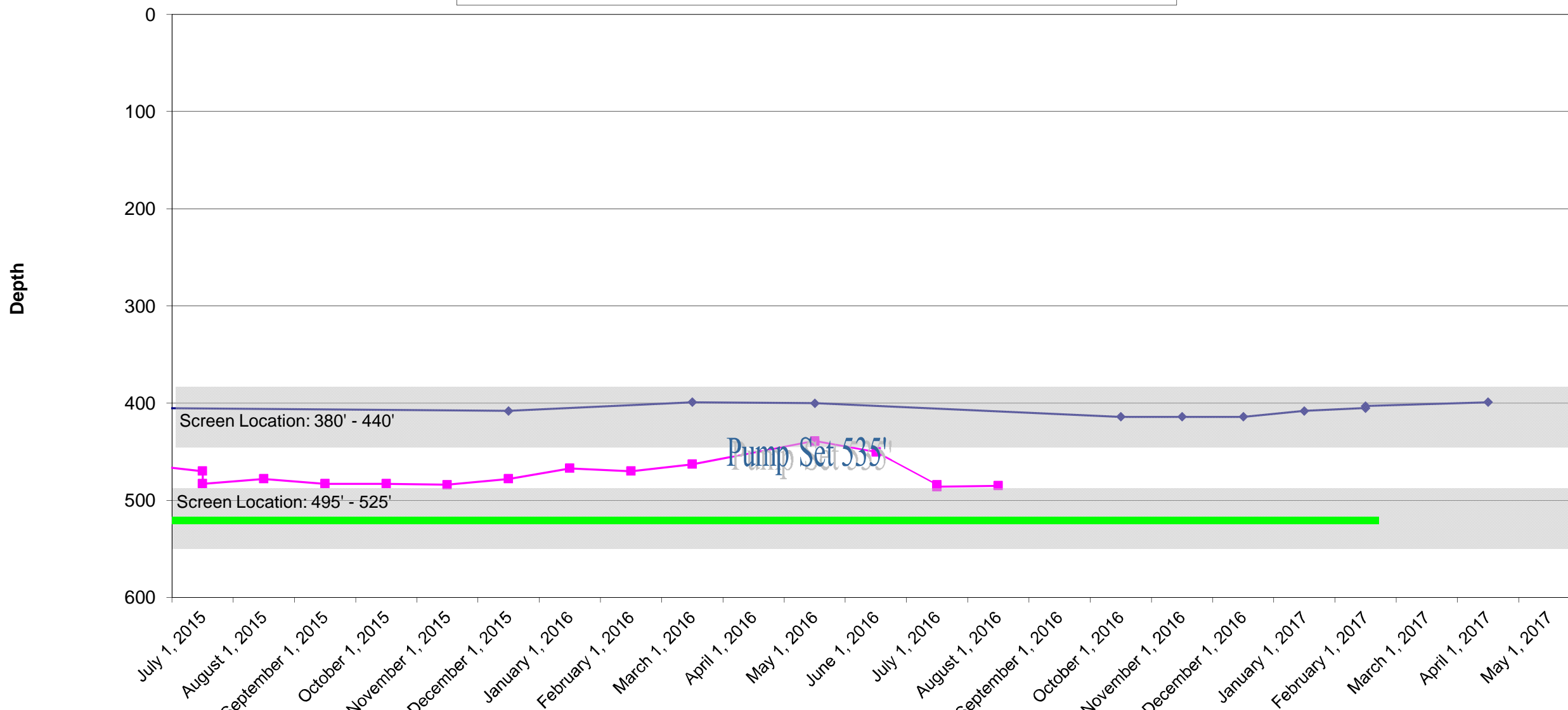
Location: Behind 3650 Graham Hill Rd.
Elevation: 775'
Installed: 5-30-91
State Well #: 4410014-023



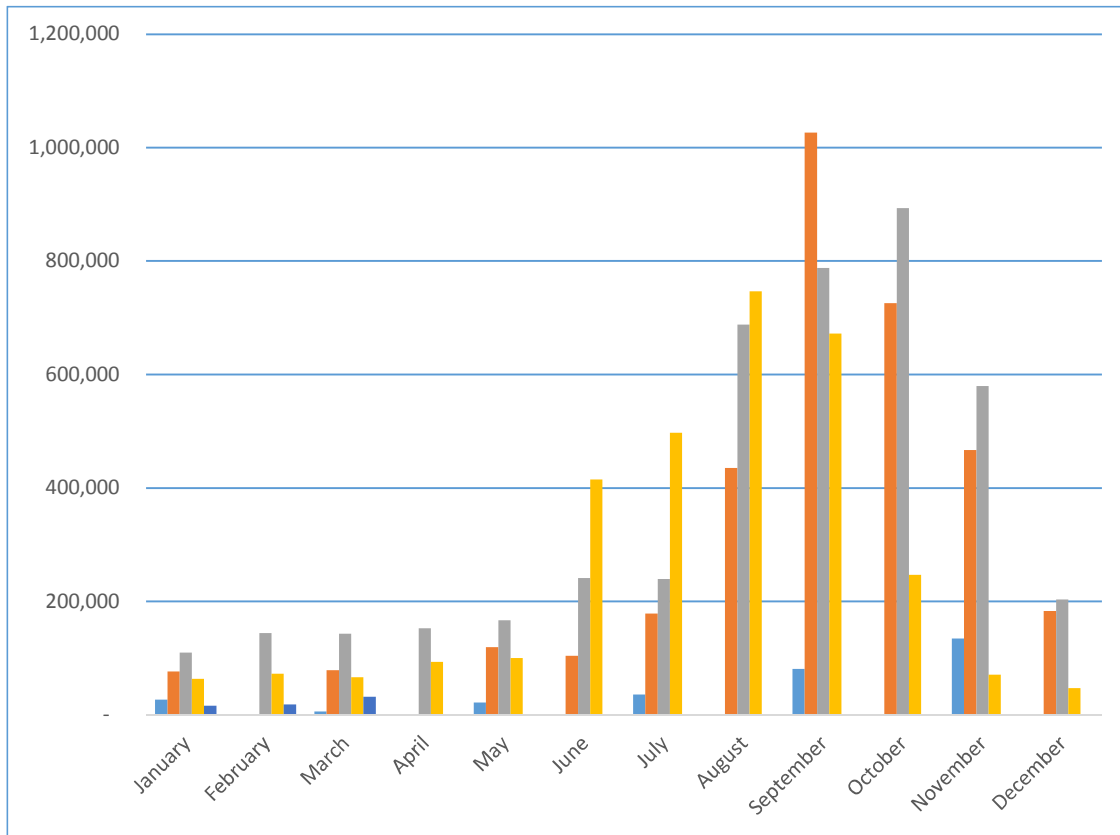


SAN LORENZO VALLEY WATER DISTRICT Well Drawdown Report Pasatiempo 7

Location: South of Probation Center
Elevation: 734' MSL
Installed: July 21, 1990
State Well #: 4410014-024
Completed Depth: 540'



SAN LORENZO VALLEY WATER DISTRICT
BULK WATER SALES
GALLONS
March 2017



<u>Month</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
January	26,928	76,296	109,965	63,850	16,456
February			144,364	72,556	18,700
March	5,984	78,540	142,868	66,572	32164
April			152,592	93,500	
May	21,692	119,680	166,804	100,232	
June		103,972	240,983	415,140	
July	35,904	178,772	239,360	497,420	
August		435,336	688,160	746,504	
September	81,352	1,026,256	787,644	672,183	
October		725,560	893,112	246,840	
November	134,640	466,752	579,700	71,060	
December		183,260	203,456	47,124	
Totals	306,500	3,394,424	4,349,008	3,092,981	67,320

SAN LORENZO VALLEY WATER DISTRICT
MONTHLY LEAK REPORT
March 2017

Agenda: 4.20.17
Item: 10a4

NORTH SYSTEM

Leak Type	Location	Town	Gallons Lost
400 MAIN LEAKING	ACCROSS THE STREET FROM 460 RIVER VIEW DR.	BOULDER CREEK	1,200
412 TANK LEAKING	230 DOUGLAS	BOULDER CREEK	6,400
Total			7,600

LOMPICO SYSTEM

400 MAIN LEAKING	12270 Volver St.	Lompico	15,600
Lompico System Total Gallons			15,600

FELTON SYSTEM

400 MAIN LEAKING	ASHLEY & FARMER	FELTON	18,000
Felton System Total Gallons			18,000

MANANA WOODS

Manana Woods Total Gallons 0

Total All Systems 41,200

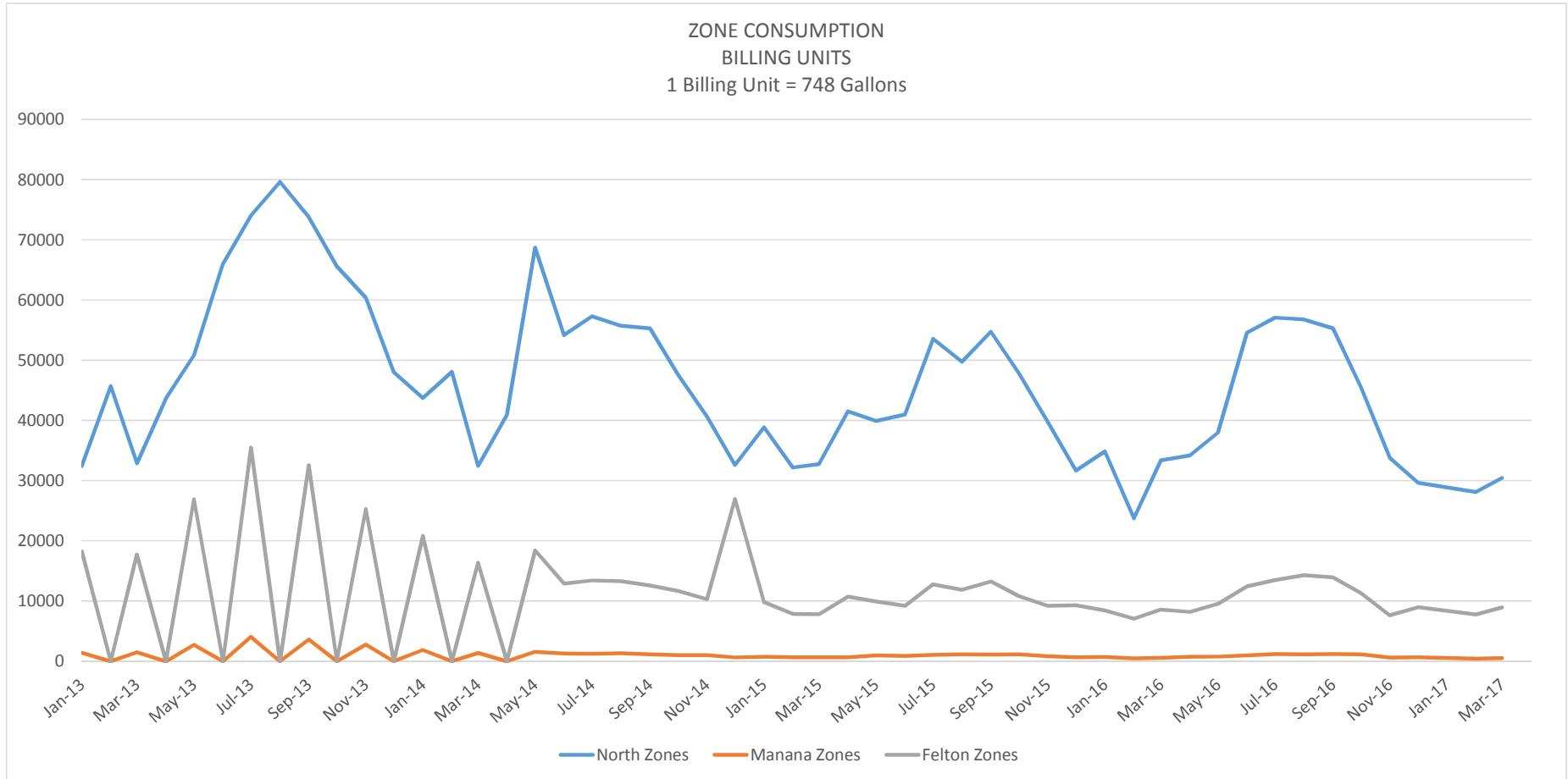
SAN LORENZO VALLEY WATER DISTRICT
 Authorized Unmetered Water Use (GALLONS)
 March 2017

<u>North System</u>		Monthly Total
Mainline Flushing		1,505,900
Tank Leakage		108,864
Probation	1.0 gpm	51,840
Upper Swim	0.3 gpm	15,552
Blue Ridge	0.4 gpm	20,736
Echo	0.1 gpm	5,184
Highland	0.3 gpm	15,552
Process Water		111,456
Lyon cL2 Analyzer	0.02 gpm	1,037
Quail 5 cL2 Analyzer	0.11 gpm	5,702
Olympia cL2 Analyzer	1.32 gpm	68,429
Paso cL2 Analyzer	0.7 gpm	36,288
Firefighting		0
Tank Overflow		60,000
Waste Water		0
Sub Total North		1,786,220
<u>Felton Water System</u>		
Mainline Flushing		
Tank Leakage		5,184
El Solyo	0.1 gpm	5,184
Process Water		
Kirby WTP cL2 Analyzers	0.8 gpm	41,472
Firefighting		0
Tank Overflow		0
Waste Water		0
Sub Total Felton		46,656
<u>Manana Woods Water System</u>		
Mainline Flushing		-
Tank Leakage		
Process Water		
Firefighting		
Tank Overflow		
Waste Water		
Sub Total Manana Woods		0
<u>Lompico Water System</u>		
Kaski Tank	0.1 gpm	5,184
Lewis Tank	0.3 gpm	15,552
Sub Total Lompico		20,736
Total All Systems		1,853,612

SAN LORENZO VALLEY WATER DISTRICT

Consumption by Zone

March 2017



SAN LORENZO VALLEY WATER DISTRICT
CONSUMPTION BY ZONE

Zones	Jan-13	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	742	0	684	0	1053	0	1315	0	1267	2	1204
2	0	174	0	199	0	486	0	631	0	519	0	458
3	0	436	0	399	0	653	0	814	0	850	5	676
4	1	14856	0	13189	16	20742	5	25687	18	20923	8	15756
5	0	2782	0	2430	3	4121	1	4676	5	3612	0	2820
6	0	100	0	90	0	105	0	157	0	104	0	82
7	0	118	0	147	0	315	0	333	0	297	0	266
8	52	9308	19	9210	60	13143	52	15349	107	12132	123	9060
9	0	622	0	701	0	1182	0	1671	0	1289	0	907
10	0	231	0	66	0	122	0	278	0	188	0	152
11	0	1144	2	1180	9	1869	0	2131	0	2353	6	1613
12	0	18	0	20	0	48	0	47	0	42	0	39
13	0	694	0	668	14	1198	0	1420	2	1117	0	828
14	0	1024	0	981	0	1837	0	2144	0	1648	5	1251
15	0	13	0	33	0	58	0	74	0	54	0	37
16	12023	9045	12059	9786	16486	13371	25131	16108	27729	13526	20690	7555
17	0	592	0	569	0	736	0	891	2	707	10	674
18	8	1752	0	1457	0	2087	1	2386	0	2001	1	1907
19	2	608	0	538	1	815	5	869	1	842	0	796
20	1203	12	1359	9	2262	12	3325	44	2985	12	2900	11
21	5759	0	5447	3	8307	0	12741	7	12050	2	9618	0
22	12014	0	12416	0	20676	11	28212	29	26767	24	23624	0
23	1340	0	1567	0	2932	0	4511	30	4056	9	3360	0
24	26	1408	26	1284	55	2060	36	2521	40	2062	29	1902
North Totals	32428	45679	32895	43643	50821	66024	74020	79612	73762	65580	60381	47994
25	1053	0	1118	0	1773	0	3000	0	2760	0	2136	0
26	302	0	332	0	855	0	937	0	725	0	561	0
27	55	0	65	0	80	0	136	0	121	0	105	0
Manana Totals	1410	0	1515	0	2708	0	4073	0	3606	0	2802	0
28	675	0	632	0	970	0	1308	0	935	0	827	0
29	185	0	177	0	436	0	699	0	637	0	464	0
30	514	0	580	0	691	0	991	8	1000	0	765	0
31	13634	0	13424	0	20483	14	27588	10	25615	12	19096	0
32	239	0	258	0	321	0	307	0	293	0	324	0
33	2978	0	2663	1	3984	0	4604	-54	4080	58	3777	0
Felton Totals	18225	0	17734	1	26885	14	35497	-36	32560	70	25253	0

SAN LORENZO VALLEY WATER DISTRICT
CONSUMPTION BY ZONE

Zones	Jan-14	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	0	911	0	686	616	548	514	562	492	457	411	300
2	0	397	0	279	228	197	190	214	217	149	167	92
3	0	577	0	422	373	284	311	389	266	310	235	163
4	17	14471	5	12306	10732	9023	9868	9573	8845	8286	6338	5540
5	5	2647	-22	2116	1829	1600	1654	1652	1407	1291	1184	854
6	2	104	0	89	71	52	53	51	44	42	45	41
7	0	215	81	134	133	94	106	101	107	89	61	41
8	238	9707	0	8387	5879	5312	6271	5501	6341	5593	4051	3837
9	0	900	0	631	457	496	425	515	419	426	380	221
10	0	106	4	105	101	102	88	94	139	68	51	33
11	0	1533	0	1109	789	716	700	644	725	542	545	379
12	0	22	0	25	29	18	17	20	40	18	19	6
13	2	887	0	721	648	484	561	515	457	472	327	261
14	0	1258	0	902	756	702	761	704	653	691	466	354
15	0	33	11804	30	26	30	32	18	19	19	12	8
16	15851	9694	0	9163	18029	14392	14747	15650	14297	11712	10482	7978
17	0	578	0	490	306	263	302	273	309	260	222	325
18	7	1747	0	1481	1578	947	957	868	1034	799	823	533
19	1	762	0	544	417	317	351	320	363	301	321	194
20	1973	11	1334	15	1487	1060	1203	987	964	971	778	593
21	7125	25	5372	0	6284	4518	4780	4705	4212	3912	3450	3327
22	16003	11	12196	2	14711	10524	10920	10121	11515	9124	8293	6193
23	2451	0	1634	0	1960	1562	1315	1264	1472	1215	1045	730
24	33	1474	31	1286	1260	920	1172	990	969	894	927	604
North Totals	43708	48070	32439	40923	68699	54161	57298	55731	55306	47641	40633	32607
25	1435	0	1049	0	1172	1008	973	1025	909	830	777	514
26	404	0	300	0	348	250	245	286	237	210	206	133
27	49	0	40	0	47	21	23	22	22	19	31	12
Manana Totals	1888	0	1389	0	1567	1279	1241	1333	1168	1059	1014	659
28	730	0	541	0	602	412	375	466	345	355	326	229
29	311	0	182	0	317	248	286	257	248	247	173	138
30	640	0	457	0	526	355	414	319	300	333	246	183
31	15707	3	12246	1	13736	9945	10294	10341	9717	8968	7894	25290
32	289	0	345	0	426	260	266	243	276	229	241	155
33	3134	0	2584	0	2782	1690	1802	1700	1683	1555	1424	966
Felton Totals	20811	3	16355	1	18389	12910	13437	13326	12569	11687	10304	26961

SAN LORENZO VALLEY WATER DISTRICT
CONSUMPTION BY ZONE

Zones	Jan-15	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	326	311	347	322	397	375	402	458	415	425	343	258
2	83	81	121	183	170	164	189	223	237	221	196	94
3	189	185	203	220	208	237	326	253	291	274	229	166
4	6869	5450	5779	7138	6624	7035	9539	7914	8396	7595	5959	5021
5	1724	944	1032	1115	1169	1405	1512	1356	1652	1463	1085	976
6	60	44	51	49	52	51	52	62	63	60	48	36
7	71	59	64	78	67	68	100	89	114	82	70	66
8	4567	3788	3864	4590	4438	4849	6115	5352	6775	5380	4144	3964
9	302	255	287	340	274	293	386	353	466	363	301	151
10	54	41	40	59	55	75	85	68	70	79	45	32
11	649	464	401	538	468	528	709	571	667	654	514	426
12	13	10	12	15	12	15	17	17	17	23	12	6
13	437	270	298	391	350	390	508	383	507	407	399	249
14	516	415	428	589	514	538	689	595	846	617	439	368
15	8	8	15	20	17	18	27	14	44	23	14	12
16	8729	7826	8767	10388	10232	10971	13128	13307	14181	13525	10530	7906
17	282	217	214	258	226	281	268	258	314	234	228	265
18	827	673	674	810	705	717	911	776	962	755	737	586
19	284	246	256	312	264	261	317	280	373	278	295	212
20	742	597	605	823	761	732	1018	889	940	1013	789	590
21	3367	2493	2587	3317	3984	3259	5163	5226	4947	4679	4120	3026
22	7333	6458	5402	8115	7125	7006	9817	9032	9940	7359	7438	6031
23	720	761	716	1160	937	979	1331	1187	1561	1327	1079	711
24	736	584	592	684	867	715	935	1063	929	929	696	536
North Totals	38888	32180	32755	41514	39916	40962	53544	49726	54707	47765	39710	31688
25	576	524	506	667	774	701	857	920	877	884	667	528
26	154	132	141	165	202	177	219	220	201	225	164	137
27	25	17	21	18	14	15	20	22	36	23	15	9
Manana Totals	755	673	668	850	990	893	1096	1162	1114	1132	846	674
28	264	227	206	276	288	259	322	374	364	208	148	124
29	158	130	125	179	140	154	234	198	243	185	171	179
30	239	193	191	268	286	231	333	256	307	271	236	212
31	7477	6048	5906	8188	7683	7018	9736	9279	10208	8432	7030	7588
32	231	176	210	236	207	212	268	244	359	275	297	173
33	1446	1108	1175	1590	1346	1350	1877	1548	1772	1445	1324	1043
Felton Totals	9815	7882	7813	10737	9950	9224	12770	11899	13253	10816	9206	9319

SAN LORENZO VALLEY WATER DISTRICT
CONSUMPTION BY ZONE

Zones	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
1	329	288	296	430	319	449	448	475	508.85	408	475	378
2	76	63	57	91	118	216	211	229	173	151	72	69
3	437	276	151	149	169	271	284	305	304.92	247	176	162
4	7122	5428	5909	5840	6444	9068	9163	9567	8747.49	7159	5085	6362
5	1235	1018	1237	1029	1176	1748	1542	1610	1666	1245	822	1250
6	46	42	50	36	42	50	59	70	83	60	43	50
7	65	55	57	64	126	201	173	167	154	87	52	52
8	3970	4050	4342	3754	4465	6214	6963	6632	6001.34	4077	3690	3279
9	227	195	227	226	253	300	360	411	326	291	165	219
10	42	39	34	49	61	92	118	118	106	73	38	45
11	527	410	418	446	567	625	759	674	624	619	391	550
12	6	5	3	6	7	16	22	20	14	12	4	6
13	311	242	298	302	315	460	409	441	407	297	233	315
14	405	357	406	411	438	802	743	789	763	569	377	475
15	14	14	18	17	15	22	22	23	18	16	18	20
16	8487	1589	7985	9003	10501	13585	15009	15944	14740.21	12455	8885	5716
17	284	392	220	225	303	268	307	329	267.6	223	240	252
18	755	600	605	669	816	773	976	838	856	788	630	641
19	267	219	203	217	277	311	384	327	330.1	323	231	247
20	661	461	528	614	643	1047	1042	989	1207	962	629	649
21	3036	2802	3447	4390	3478	6851	5456	4909	5282	4279	4486	1174
22	4955	4230	5690	4978	6110	8786	9935	9466	10238.36	8897	5744	6084
23	535	432	637	557	704	1393	1723	1409	1441.53	1432	688	1050
24	1063	524	571	697	632	1004	969	1011	1041	815	587	613
North Totals	34855	23731	33389	34201	37977	54552	57076	56752	55300	45485	33761	29657
25	529	355	419	562	658	794	973	983	995	944	495	532
26	160	106	132	154	117	168	228	178	171	171	83	124
27	17	15	16	17	16	15	26	34	33	43	19	28
Manana Totals	706	476	567	733	791	977	1227	1195	1199	1158	597	684
28	133	218	260	306	304	418	547	558	691.95	452	340	232
29	350	101	118	118	133	196	246	232	227	190	110	128
30	195	161	178	157	175	272	255	294	466.56	276	165	181
31	6347	5394	6525	6305	7316	9692	10479	11103	10525.97	8663	5774	6867
32	223	162	256	172	228	225	271	265	301	250	165	227
33	1176	1026	1269	1136	1371	1634	1702	1824	1704.06	1482	1073	1326
Felton Totals	8424	7062	8606	8194	9527	12438	13500	14275	13917	11313	7626	8961

SAN LORENZO VALLEY WATER DISTRICT
CONSUMPTION BY ZONE

Zones	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
1	N/A	365	270									
2	N/A	64	64									
3	N/A	137	159									
4	N/A	5067	6232									
5	N/A	915	1056									
6	N/A	46	61									
7	N/A	39	54									
8	N/A	3536	4028									
9	N/A	163	206									
10	N/A	41	40									
11	N/A	432	429									
12	N/A	6	4									
13	N/A	248	336									
14	N/A	348	376									
15	N/A	17	19									
16	N/A	7065	7307									
17	N/A	253	239									
18	N/A	585	664									
19	N/A	206	213									
20	N/A	487	536									
21	N/A	2270	2465									
22	N/A	4775	4522									
23	N/A	445	585									
24	N/A	581	578									
North Totals	N/A	28090	30442									
25	N/A	334	391									
26	N/A	92	101									
27	N/A	20	24									
Manana Totals	N/A	446	516									
28	N/A	209	232									
29	N/A	95	119									
30	N/A	130	439									
31	N/A	6189	6893									
32	N/A	151	171									
33	N/A	990	1092									
Felton Totals	N/A	7764	8945									

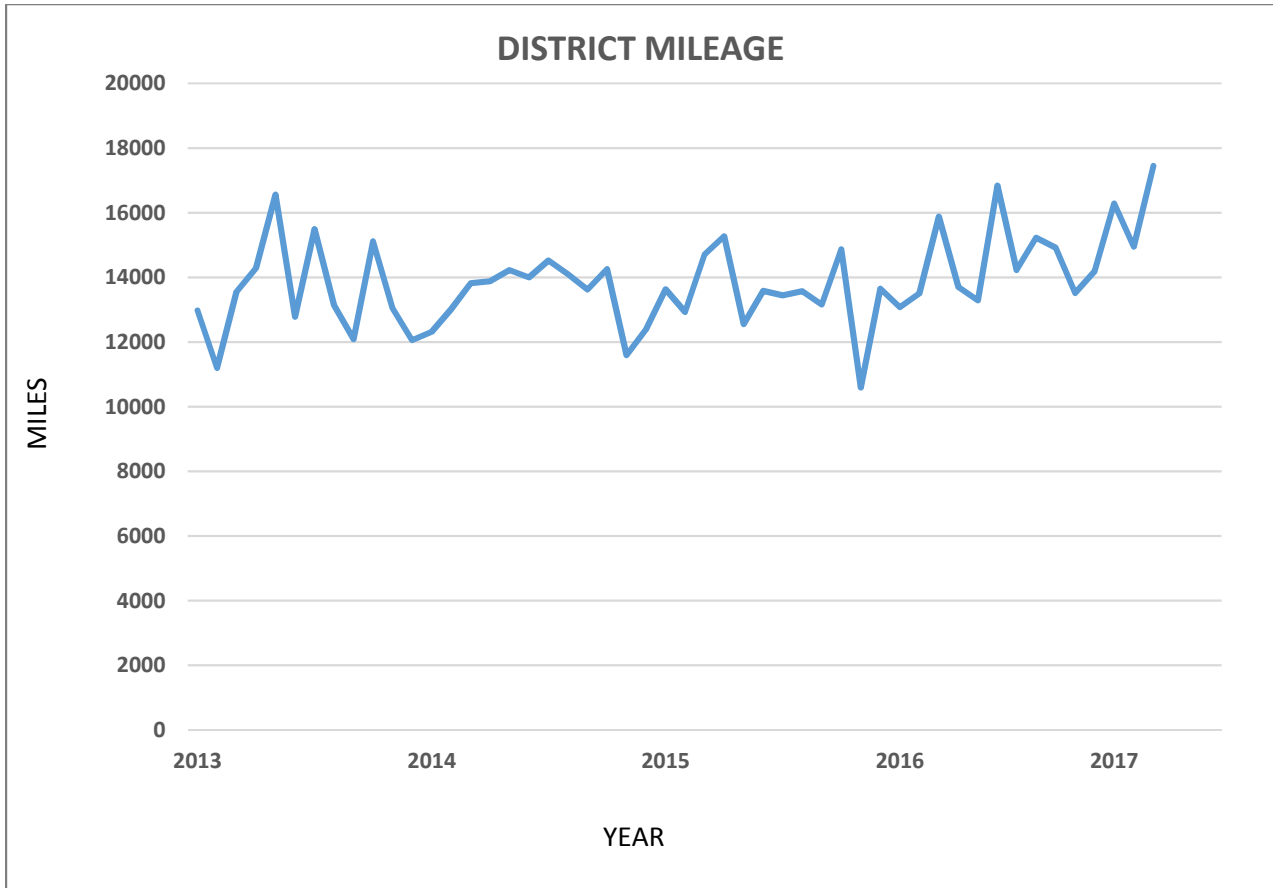
				Water Quality Complaint List						
Date Received	Type Of Complaint							Address	Conclusion	System
	Taste/ Odor	Color	Turbidity/ Particles	Worms/ Other Visible Organisms	Pressure (High/Low)	Illness (Waterborne)	Other (Specify)			
3/27/2017							Customer had a concern over bacteriological quality of SLVWD water.	115 Tennyson Ave	Upon field investigation, water quality results were normal and within range. Free chlorine residual was at 1.0 mg/L and bacteriological samples taken were absent of coliform bacteria. Customer was informed of the results.	SLVWD

Agenda: 4.20.17
Item: 10a4

SAN LORENZO VALLEY WATER DISTRICT

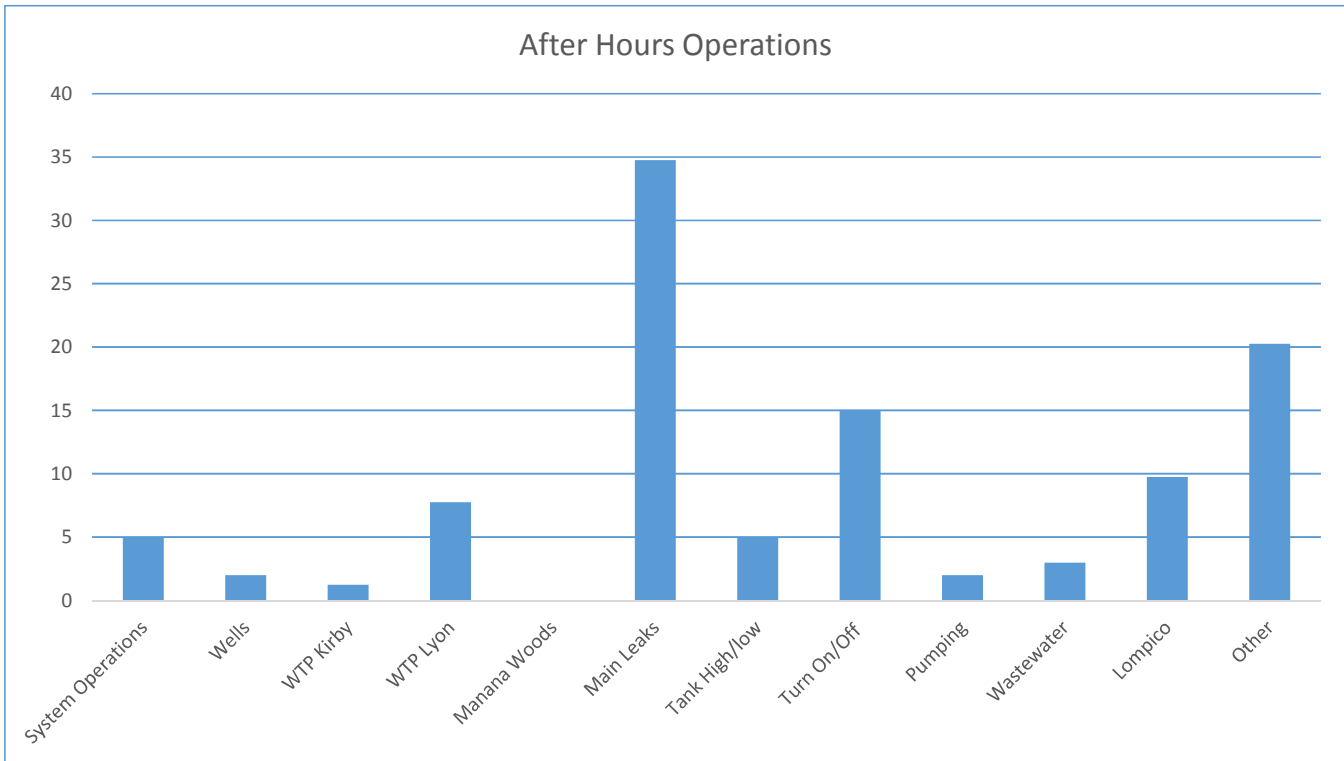
VEHICLE MILEAGE

March 2017



Month	2013	2014	2015	2016	2017
January	12,976	12,317	13,633	13,082	16,286
February	11,201	13,015	12,934	13,505	14,945
March	13,558	13,817	14,714	15,882	17,451
April	14,283	13,883	15,279	13,704	
May	16,560	14,228	12,550	13,290	
June	12,780	14,000	13,582	16,841	
July	15,497	14,519	13,441	14,228	
August	13,136	14,096	13,569	14,923	
September	12,087	13,622	13,137	15,229	
October	15,120	14,261	14,868	14,924	
November	13,046	11,594	10,591	13,510	
December	12,060	12,394	13,648	14,187	
Totals	162,304	161,746	161,946	173,305	48,682

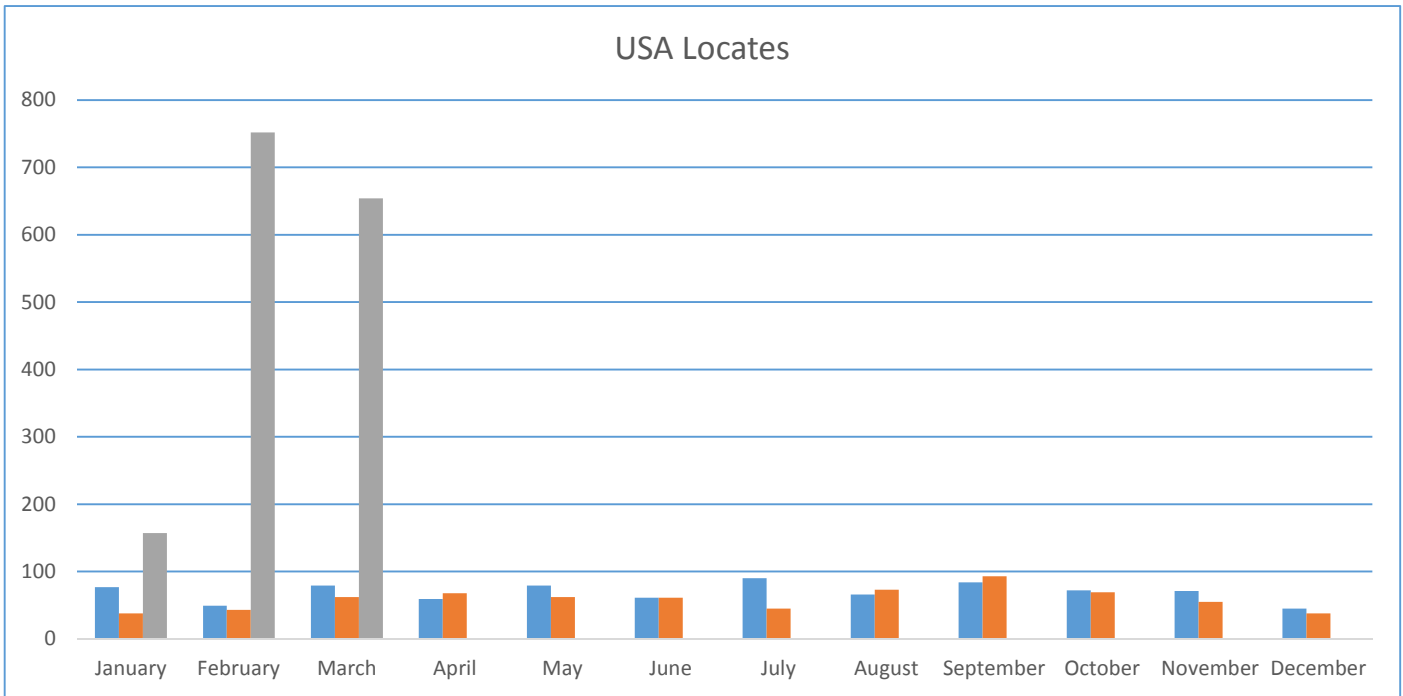
**SAN LORENZO VALLEY WATER DISTRICT
OPERATIONS DEPARTMENT
March 2017**



<u>Description</u>	<u>Hours</u>		<u>2015</u>	<u>2016</u>	<u>2017</u>
System Operations	5	January	N/A	145	280.75
Wells	2	February	N/A	86.5	192.25
WTP Kirby	1.25	March	N/A	153.75	105.75
WTP Lyon	7.75	April	82.50	72	
Manana Woods	0	May	104.75	49.25	
Main Leaks	34.75	June	172.50	83.25	
Tank High/low	5	July	124.25	80.25	
Turn On/Off	15	August	111.75	81.25	
Pumping	2	September	230.25	175	
Wastewater	3	October	128.25	78.5	
Lompico	9.75	November	114.25	96.25	
Other	20.25	December	186.25	130.75	
Total	105.75		1254.75	1231.75	578.75

**SAN LORENZO VALLEY WATER DISTRICT
OPERATIONS DEPARTMENT
March 2017**

Agenda: 4.20.17
Item: 10a4



<u>Month</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
January	77	38	157
February	49	43	752
March	79	62	654
April	59	68	
May	79	62	
June	61	61	
July	90	45	
August	66	73	
September	84	93	
October	72	69	
November	71	55	
December	45	38	
Total to Date	832	707	1,563



**Know what's below.
Call before you dig.**

Accounts Payable

Outstanding Invoices

User: KendraNegro
 Printed: 4/12/2017 - 11:48 AM
 Date Type: JE Date
 Date Range: 03/09/2017 to 04/12/2017

BILL LIST SUMMARY

Check Register Total : \$748,995.81
 AP Outstanding Total: \$102,977.88 Payroll
 03/15: \$110,637.65
 Payroll 03/29: \$110,394.92
 Payroll 04/12: \$106,136.93
TOTAL FOR ACCEPTANCE: \$1,179,143.19



13060 Highway 9
 Boulder Creek, CA 95006-9119
 (831) 338-2153 phone
 (831) 338-7986 fax

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00001 - ROYAL WHOLESALE ELECTRIC						
01-500-5300	4/4/2017	4/4/2017	7719-612220	00021-10-2017	27.51	SHIPPING/HANDLING
01-100-5420	4/10/2017	4/6/2017	613827	00061-10-2017	420.88	ADMIN LIGHTING
01-100-5420	4/10/2017	4/6/2017	614407	00061-10-2017	170.24	ADMIN LIGHTING
Total for Vendor 00001 - ROYAL WHOLESALE ELECTRIC:					618.63	
00040 - SANTA CRUZ SENTINEL						
01-400-5200	4/6/2017	4/5/2017	0005927996	00036-10-2017	297.60	MAIN FLUSHING AD
01-400-5200	4/10/2017	3/31/2017	5923479	00065-10-2017	347.20	
Total for Vendor 00040 - SANTA CRUZ SENTINEL:					644.80	
00047 - SOIL CONTROL LAB						
01-800-5202	3/21/2017	3/17/2017	7030497	00188-09-2017	145.00	WATER ANALYSIS_GEN PHYSICAL
Task Label:		Type:	PO Number:	0000100704		
01-800-5202	3/28/2017	3/24/2017	7030695	00236-09-2017	145.00	WATER ANALYSIS_GEN PHYSICAL
Task Label:		Type:	PO Number:	0000100704		
01-800-5202	3/28/2017	3/27/2017	7030697	00236-09-2017	37.00	WATER ANALYSIS_METALS DIGESTION, MANGANESE
Task Label:		Type:	PO Number:	0000100704		
01-800-5202	3/31/2017	3/30/2017	7030897	00283-09-2017	145.00	WATER ANALYSIS_GENERAL PHYSICAL
Task Label:		Type:	PO Number:	0000100704		
01-800-5202	4/4/2017	3/31/2017	7030696	00021-10-2017	117.00	WATER ANALYSIS_TOTAL PHOSPHATE
Task Label:		Type:	PO Number:	0000100704		
Total for Vendor 00047 - SOIL CONTROL LAB:					589.00	
00057 - AFSCME COUNCIL 57						
01-000-2205	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	983.48	UNION DUES_MAY 2017
Total for Vendor 00057 - AFSCME COUNCIL 57:					983.48	
00058 - IHWY, INC.						

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00058 - IHWY, INC.						
01-100-5200	4/4/2017	4/1/2017	12206	00021-10-2017	25.00	BUSINESS HOSTING_APRIL
Task Label:		Type:	PO Number:	0000100733		
Total for Vendor 00058 - IHWY, INC.:					25.00	
00061 - DHS PUBLIC HEALTH LAB						
01-400-5200	4/4/2017	2/28/2017	1388	00021-10-2017	93.00	TICK ANALYSIS
Total for Vendor 00061 - DHS PUBLIC HEALTH LAB:					93.00	
00076 - ERNIE'S AUTO CENTER						
01-400-5410	3/22/2017	2/1/2017	689515	00195-09-2017	-18.00	BATTERY CORE CREDIT
01-400-5300	3/22/2017	3/21/2017	693050	00195-09-2017	56.68	MISC SUPPLIES
01-400-5410	3/28/2017	3/27/2017	693681	00236-09-2017	44.03	HITCH & PIN FOR KUBOTA
Total for Vendor 00076 - ERNIE'S AUTO CENTER:					82.71	
00080 - GRANITE CONSTRUCTION CO						
01-400-5300	3/31/2017	3/22/2017	1133007	00283-09-2017	46.40	FELTON HYDRANT REPAIR
01-400-5300	4/4/2017	3/23/2017	1134025	00021-10-2017	76.40	AGG BASE_QUAIL BINS
01-400-5300	4/4/2017	3/24/2017	1134060	00021-10-2017	76.79	AGG BASE_QUAIL BINS
01-400-5300	4/4/2017	3/27/2017	1134153	00021-10-2017	417.96	BASE ROCK_QUAIL BINS
01-400-5300	4/6/2017	3/29/2017	1135578	00036-10-2017	50.16	3/4" AGG BASE_QUAIL BINS
Total for Vendor 00080 - GRANITE CONSTRUCTION CO:					667.71	
00099 - JOEL BUSA						
01-100-5147	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	125.00	CALPERS MEDICAL
Total for Vendor 00099 - JOEL BUSA:					125.00	
00115 - ATKINSON-FARASYN						
01-100-5210	3/29/2017	3/23/2017	032317	00266-09-2017	3,260.06	LEGAL SERVICES_HOLLOWAY
01-100-5210	3/29/2017	3/23/2017	32317	00266-09-2017	106.25	LEGAL SERVICES_DEBERT
01-100-5210	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	3,500.00	LEGAL FEES
Total for Vendor 00115 - ATKINSON-FARASYN:					6,866.31	
00118 - FARMER BROTHERS COFFEE						
01-400-5300	4/6/2017	4/5/2017	65400769	00036-10-2017	147.10	COFFEE SUPPLIES

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
Total for Vendor 00118 - FARMER BROTHERS COFFEE:						147.10	
00125 - SCARBOROUGH LUMBER							
	01-800-5300	4/7/2017	4/3/2017	264752	00049-10-2017	30.59	MISC SAMPLING SUPPLIES
	01-800-5300	4/7/2017	3/30/2017	288363	00049-10-2017	37.81	MISC SUPPLIES_MW
	01-800-5300	4/7/2017	3/31/2017	288421	00049-10-2017	22.71	MISC SUPPLIES_MW
	02-600-5300	4/7/2017	4/3/2017	288532	00049-10-2017	42.96	MISC SUPPLIES_BCEWW
	01-400-5300	4/7/2017	3/31/2017	556612	00049-10-2017	16.03	TRASH BAGS
	01-800-5300	4/10/2017	4/4/2017	288598	00061-10-2017	24.57	SUPPLIES_MANANA WOODS BLDG
	01-400-5300	4/10/2017	4/6/2017	288732	00061-10-2017	20.60	FLUSHING TAP
Total for Vendor 00125 - SCARBOROUGH LUMBER:						195.27	
00147 - EMERSON PROCESS MANAGEMENT							
	01-400-5200	3/22/2017	3/14/2017	9064376	00195-09-2017	5,575.50	FIELD SERVICE FOR OPS SCADA
Total for Vendor 00147 - EMERSON PROCESS MANAGEMENT:						5,575.50	
00164 - FIRST ALARM							
	01-800-5200	3/21/2017	3/16/2017	303033	00188-09-2017	158.88	ALARM SERVICES_365 MADRONE AVE
	Task Label:		Type:	PO Number:	0000100772		
	01-400-5200	3/21/2017	3/16/2017	303033	00188-09-2017	555.09	ALARM SERVICE_13057 HWY 9
	01-400-5200	3/21/2017	3/16/2017	303033	00188-09-2017	90.06	ALARM SERVICES_101 QUAIL HOLLOW
	Task Label:		Type:	PO Number:	0000100772		
	02-600-5200	3/21/2017	3/16/2017	303851	00188-09-2017	333.57	ALARM SERVICES_15900 BEAR CREEK RD
	Task Label:		Type:	PO Number:	0000100772		
	01-800-5200	3/21/2017	3/16/2017	303851	00188-09-2017	319.62	ALARM SERVICES_195 KIRBY ST
	01-800-5200	3/21/2017	3/16/2017	303851	00188-09-2017	279.24	ALARM SERVICES_232 KINGS VILLAGE RD
	Task Label:		Type:	PO Number:	0000100772		
	01-800-5200	3/21/2017	3/16/2017	303851	00188-09-2017	162.30	ALARM SERVICES_600 SAN LORENZO AVE
	Task Label:		Type:	PO Number:	0000100772		
Total for Vendor 00164 - FIRST ALARM:						1,898.76	
00181 - LAS ANIMAS CONCRETE							
	01-400-5300	4/10/2017	3/30/2017	124760	00061-10-2017	897.30	LOCKEWOOD LANE HYDRANT REPAIR
Total for Vendor 00181 - LAS ANIMAS CONCRETE:						897.30	
00204 - FEDERAL EXPRESS CORP							
	01-400-5200	3/28/2017	3/24/2017	5-749-03710	00236-09-2017	35.37	SHIPPING_GOLDAK LOCATOR REPAIR

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
Total for Vendor 00204 - FEDERAL EXPRESS CORP:						35.37	
00210 - FISHER SCIENTIFIC							
	01-800-5300	3/24/2017	3/9/2017	4753715	00216-09-2017	61.61	PLASTIC CASES FOR WTP
Total for Vendor 00210 - FISHER SCIENTIFIC:						61.61	
00236 - IDEXX DISTRIBUTION CORP							
	01-800-5300	3/21/2017	3/14/2017	3013665421	00188-09-2017	457.45	Bacteriological sample bottles and media
	Task Label:		Type:	PO Number:	0000100699		
	01-800-5300	3/21/2017	3/15/2017	3013707049	00188-09-2017	203.31	Bacteriological sample bottles and media
	Task Label:		Type:	PO Number:	0000100699		
Total for Vendor 00236 - IDEXX DISTRIBUTION CORP:						660.76	
00263 - RAYNE WATER CONDITIONING							
	01-800-5200	3/31/2017	3/31/2017	033117	00283-09-2017	35.50	WATER CONDITIONER SVC
	Task Label:		Type:	PO Number:	0000100703		
Total for Vendor 00263 - RAYNE WATER CONDITIONING:						35.50	
00265 - COMMUNITY TELEVISION							
	01-100-5200	4/5/2017	3/21/2017	2387	00028-10-2017	354.00	BOARD COVERAGE_2/16/17
	01-100-5200	4/5/2017	3/21/2017	2387	00028-10-2017	206.50	BOARD COVERAGE_2/22/17
Total for Vendor 00265 - COMMUNITY TELEVISION:						560.50	
00281 - SLT INSTRUMENTATION, LLC							
	01-400-5300	3/27/2017	3/20/2017	1702	00234-09-2017	1,100.00	REPLACEMENT TONE CARDS
Total for Vendor 00281 - SLT INSTRUMENTATION, LLC:						1,100.00	
00302 - POLLARDWATER.COM							
	01-800-5300	3/21/2017	3/15/2017	70438,40,56	00188-09-2017	4,816.38	FLUSHING SUPPLIES
	Task Label:		Type:	PO Number:	0000100849		
	01-400-5300	4/6/2017	3/23/2017	0070441	00036-10-2017	170.64	STREAM SHAPER FOR FLUSHING
Total for Vendor 00302 - POLLARDWATER.COM:						4,987.02	
00306 - CONTROL SYSTEMS WEST,INC							
	01-800-5200	4/6/2017	4/4/2017	4336-8253	00036-10-2017	1,548.50	PROGRAMMING SERVICE_KWTP

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
Total for Vendor 00306 - CONTROL SYSTEMS WEST,INC:						1,548.50	
00342 - BRASS KEY LOCKSMITH							
	01-800-5200	3/22/2017	3/18/2017	946364	00189-09-2017	152.28	OLY 2 LOCK REPAIR
	01-800-5200	3/27/2017	3/20/2017	61310	00234-09-2017	221.00	LABOR_RE-KEY LOCKS
	01-400-5200	3/27/2017	3/22/2017	61416	00234-09-2017	5.40	TOOL BOX KEY
Total for Vendor 00342 - BRASS KEY LOCKSMITH:						378.68	
00343 - ERNIE'S SERVICE CENTER							
	01-400-5410	3/24/2017	3/20/2017	58406	00216-09-2017	98.99	SERVICE V#155
	01-400-5410	4/4/2017	3/31/2017	58770	00021-10-2017	888.91	VEHICLE MAINTENANCE
	01-800-5410	4/6/2017	3/31/2017	58753	00036-10-2017	107.12	SERVICE_V#280
	01-800-5410	4/10/2017	4/6/2017	58934	00065-10-2017	84.92	SERVICE V#181
Total for Vendor 00343 - ERNIE'S SERVICE CENTER:						1,179.94	
00359 - ALLIED ELECTRONICS							
	01-800-5300	4/6/2017	3/27/2017	9007512262	00036-10-2017	130.64	RELAY FOR LWTP
Total for Vendor 00359 - ALLIED ELECTRONICS:						130.64	
00415 - CA BANK & TRUST/GOV SVC DEPT							
	01-000-1130	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	15,581.43	1976 SAFE DRINKING WATER BOND
Total for Vendor 00415 - CA BANK & TRUST/GOV SVC DEPT:						15,581.43	
00418 - DATCO SERVICES CORP							
	01-400-5200	4/6/2017	4/1/2017	129793	00036-10-2017	25.50	QUARTERLY SERVICE FEE
Total for Vendor 00418 - DATCO SERVICES CORP:						25.50	
00423 - BAY AREA BARRICADE							
	01-400-5300	3/24/2017	3/20/2017	0344439	00216-09-2017	1,417.33	FLUSHING SUPPLIES_SIGNS & STANDS
	01-400-5300	3/28/2017	3/23/2017	344290	00236-09-2017	156.68	FLUSHING SUPPLIES
Total for Vendor 00423 - BAY AREA BARRICADE:						1,574.01	
00450 - EUROFINS EATON ANALYTICAL, INC							
	01-800-5202	3/24/2017	3/22/2017	311775	00216-09-2017	400.00	WATER ANALYSIS_LOMPICO AREAS
	Task Label: EXP-1516004A	Type: E	PO Number: 0000100701				
	01-800-5202	3/24/2017	3/22/2017	311783	00216-09-2017	60.00	WATER ANALYSIS_PASO 5, BOB'S LN

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00450 - EUROFINS EATON ANALYTICAL, INC						
01-800-5202	3/31/2017	3/29/2017	312925	00283-09-2017	30.00	WATER ANALYSIS_BENNETT SPRINGS
01-800-5202	4/5/2017	4/4/2017	313995	00028-10-2017	680.00	WATER ANALYSIS_PEAVINE CREEK
01-800-5202	4/5/2017	4/4/2017	314025	00028-10-2017	680.00	WATER ANALYSIS_SWEETWATER CREEK
01-800-5202	4/5/2017	4/4/2017	314055	00028-10-2017	680.00	WATER ANALYSIS_CLEAR CREEK
01-800-5202	4/10/2017	4/5/2017	314311	00065-10-2017	680.00	WATER ANALYSIS_FOREMAN CREEK
01-800-5202	4/10/2017	4/5/2017	314329	00065-10-2017	40.00	WATER ANALYSIS_CLEAR CREEK
Total for Vendor 00450 - EUROFINS EATON ANALYTICAL, INC:					3,250.00	
00461 - SPECTOR INSTRUMENTS, INC						
01-400-5200	3/27/2017	3/3/2017	1703051003	00234-09-2017	247.50	WIN-911 SOFTWARE_OPS
01-800-5200	3/27/2017	3/3/2017	1703051003	00234-09-2017	247.50	WIN-911 SOFTWARE_WTP
Total for Vendor 00461 - SPECTOR INSTRUMENTS, INC:					495.00	
00510 - TOM'S SEPTIC CONSTRUCTION						
02-600-5200	3/28/2017	3/22/2017	9549	00236-09-2017	10,936.00	PUMP SERVICES_BCEWW
Total for Vendor 00510 - TOM'S SEPTIC CONSTRUCTION:					10,936.00	
00512 - RIVERSIDE LIGHTING						
01-800-5300	4/4/2017	3/30/2017	E146924	00021-10-2017	2.00	MISC ELECTRICAL_MW
Total for Vendor 00512 - RIVERSIDE LIGHTING:					2.00	
00550 - HACH COMPANY						
01-800-5300	3/24/2017	3/20/2017	10370501	00216-09-2017	898.25	OPERATING SUPPLIES_REAGENT
01-800-5300	3/24/2017	3/20/2017	10371897	00216-09-2017	298.41	OPERATING SUPPLIES_BUFFER SOLUTION
Total for Vendor 00550 - HACH COMPANY:					1,196.66	
00566 - C S S C						
01-400-5510	3/22/2017	3/22/2017	17030	00189-09-2017	358.92	ANSWERING SERVICE
Total for Vendor 00566 - C S S C:						

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
Total for Vendor 00566 - C S S C:						358.92	
00608 - LLOYD'S TIRE SERVICE, INC	01-800-5410	3/27/2017	3/23/2017	322038	00234-09-2017	979.43	TIRES_V #280
Total for Vendor 00608 - LLOYD'S TIRE SERVICE, INC:						979.43	
00609 - BALANCE HYDROLOGICS, INC	01-500-5200	4/5/2017	2/7/2017	216018-0017	00028-10-2017	13,120.59	STREAM GAGING
	Task Label: EXP-1516001A		Type: E	PO Number:			
	01-500-5200	4/5/2017	3/30/2017	216018-0217	00028-10-2017	5,006.25	STREAM GAGING
	Task Label: EXP-1516001A		Type: E	PO Number:			
Total for Vendor 00609 - BALANCE HYDROLOGICS, INC:						18,126.84	
00662 - JAMES A. MUELLER	01-100-5147	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	50.00	CALPERS MEDICAL
Total for Vendor 00662 - JAMES A. MUELLER:						50.00	
00695 - PAUL JENSEN	01-800-5200	3/28/2017	3/23/2017	032317	00236-09-2017	2,900.00	SURVEY WORK_LYON ACCESS RD
Total for Vendor 00695 - PAUL JENSEN:						2,900.00	
00703 - DATAFLOW BUSINESS SYSTEMS, INC	01-200-5200	4/5/2017	3/30/2017	207490	00028-10-2017	85.49	MAINTENANCE_HP5200
	01-200-5200	4/5/2017	3/30/2017	207939	00028-10-2017	225.75	MAINTENANCE_HP602
Total for Vendor 00703 - DATAFLOW BUSINESS SYSTEMS, INC:						311.24	
00711 - ROBERTS & BRUNE CO.	01-000-1310	4/7/2017	4/5/2017	S1630104.004	00049-10-2017	607.05	FLEX COUPLING 2" X 5" OD 2.000
	Task Label:		Type:	PO Number:	0000100842		
	01-000-1310	4/7/2017	4/5/2017	S1630104.004	00049-10-2017	170.62	UNION GALV 2"
	Task Label:		Type:	PO Number:	0000100842		
	01-000-1310	4/7/2017	4/5/2017	S1630104.004	00049-10-2017	233.55	UNION GALV 2"
	Task Label:		Type:	PO Number:	0000100842		
	01-000-1310	4/7/2017	4/5/2017	S1630104.004	00049-10-2017	4.07	NIPPLE GALV 2" X 5"
	Task Label:		Type:	PO Number:	0000100842		
Total for Vendor 00711 - ROBERTS & BRUNE CO.:						1,015.29	

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00713 - C.C.O.I. GATE & FENCE	01-400-5200	3/24/2017	3/21/2017	14441895	00216-09-2017	1,230.00	QUAL 5 YARD_GATE REPAIR
	Task Label: 01-400-5200		Type: 3/24/2017	PO Number: 14442021	0000100831		
		4/4/2017	3/24/2017	14442021	00021-10-2017	135.00	REPAIR OPS GATE SWITCH
Total for Vendor 00713 - C.C.O.I. GATE & FENCE:						1,365.00	
00729 - ALPHA ANALYTICAL LABS	02-600-5202	3/31/2017	3/30/2017	7033863	00283-09-2017	390.00	BCEWW MONITORING
	Task Label:		Type:	PO Number:	0000100700		
Total for Vendor 00729 - ALPHA ANALYTICAL LABS:						390.00	
00750 - FEDAK & BROWN, LLP	01-200-5201	4/5/2017	3/31/2017	033117	00028-10-2017	2,000.00	AUDIT SERVICES _ THROUGH MARCH 2017
Total for Vendor 00750 - FEDAK & BROWN, LLP:						2,000.00	
00782 - MONTEREY PENINSULA ENGINEERING	01-000-1565	3/27/2017	10/20/2016	09-26 RET	00234-09-2017	2,895.00	LOMPICO PIPELINE RELOCATION PROJECT
	Task Label: CAP-1516009A		Type: E	PO Number:			
Total for Vendor 00782 - MONTEREY PENINSULA ENGINEERING:						2,895.00	
00991 - EWING IRRIGATION PRODUCTS	02-600-5300	3/22/2017	3/10/2017	5003853	00195-09-2017	408.37	BCEWW T REPLACEMENT
Total for Vendor 00991 - EWING IRRIGATION PRODUCTS:						408.37	
10025 - BADGER METER, INC	01-400-5200	4/6/2017	3/30/2017	80011354	00036-10-2017	547.35	BEACON SERVICES FOR 3/17
Total for Vendor 10025 - BADGER METER, INC:						547.35	
10067 - NBS	01-100-5200	3/22/2017	3/20/2017	31700109	00195-09-2017	1,125.00	ACT ASSESSMENT CONSULTING SERVICES_LOMPICO
	Task Label: EXP-1516004A		Type: S	PO Number:			
	01-100-5600	3/22/2017	3/20/2017	31700109	00195-09-2017	46.19	REIMBURSABLE EXPENSES
	01-100-5200	3/22/2017	3/20/2017	31700109	00195-09-2017	750.00	ACT ASSESSMENT CONSULTING SERVICES_OLYMPIA
	Task Label: EXP-1516003A		Type: S	PO Number:			
Total for Vendor 10067 - NBS:						1,921.19	

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
10105 - SIERRA CHEMICAL CO.	01-800-5301	3/22/2017	3/6/2017	10044391	00195-09-2017	2,555.35	CL2 FOR KWTP
Total for Vendor 10105 - SIERRA CHEMICAL CO.:						2,555.35	
10113 - BANK MIDWEST	01-000-2405	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	2,286.96	SOLAR LOAN_PRINCIPAL
	01-000-7100	4/10/2017	4/10/2017	MAY 2017	00068-10-2017	962.94	SOLAR LOAN_INTEREST
Total for Vendor 10113 - BANK MIDWEST:						3,249.90	
10133 - GRISWOLD INDUSTRIES	01-800-5300	3/27/2017	3/14/2017	714591	00234-09-2017	755.31	CLAY VALVE REBUILD KITS
Total for Vendor 10133 - GRISWOLD INDUSTRIES:						755.31	
Report Total:						102,977.88	

Accounts Payable

Checks by Date - Detail by Check Number

User: KendraNegro
Printed: 4/12/2017 11:48 AM



13060 Highway 9
Boulder Creek, CA 95006-9119
(831) 338-2153 phone
(831) 338-7986 fax

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
12581	00788 022617 030117	COMCAST INTERNET_215 BLACKSTONE DR INTERNET_195 KIRBY	03/09/2017		170.06 151.05
Total for Check Number 12581:				0.00	321.11
12582	00444 030617	COSTCO-CAPITAL ONE COMMERCIAL OFFICE CHAIR_ENG	03/09/2017		90.49
Total for Check Number 12582:				0.00	90.49
12583	00016 2636827	GREENWASTE RECOVERY,INC TRASH/RECYCLE/YARDWASTE SERVICE	03/09/2017		332.40
Total for Check Number 12583:				0.00	332.40
12584	10018 22717	HOLLY MORRISON OFFICE SUPPLIES, MEETINGS	03/09/2017		211.53
Total for Check Number 12584:				0.00	211.53
12585	00054 022417 022417 022417 022417 022417 022817 02282017	PACIFIC GAS & ELECTRIC ELECTRIC CHARGES_COMMUNITY WELL ELECTRIC CHARGES_PUMP ELECTRIC CHARGES_PUMP STATION ELECTRIC CHARGES_CARROL & LOMPIC ELECTRIC CHARGES_11590 LAKESHORE ELECTRIC CHARGES_19 SUMMIT ELECTRIC CHARGES_1150 REBECCA	03/09/2017		20.37 191.70 147.16 22.54 461.98 842.49 48.33
Total for Check Number 12585:				0.00	1,734.57
12586	00044 1750892051 1750892051 47777	STAPLES CREDIT PLAN FILE HOLDER, SOAP_ADMIN OFFICE CHAIRS_WTP MONITOR_ENG	03/09/2017		39.39 766.73 140.39
Total for Check Number 12586:				0.00	946.51
12587	00757 030317	JOE DAVIS UNIFROM REIMBURSEMENT	03/10/2017		167.37
Total for Check Number 12587:				0.00	167.37
12588	00574 604603	VINCENT SEIFERT JOHNSON BUILDING MAINTENANCE	03/10/2017		300.00
Total for Check Number 12588:				0.00	300.00
12589	10129 031017	CHELSEA SLADWICK MISAPPLIED PAYCHEX DEPOSIT	03/10/2017		150.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12589:	0.00	150.00
12590	UB*00246	Breckenridge Property Fund 2015 LLC Refund Check	03/15/2017		5.67
			Total for Check Number 12590:	0.00	5.67
12591	UB*00242	DAN GILLAN Refund Check	03/15/2017		26.57
			Total for Check Number 12591:	0.00	26.57
12592	UB*00244	JOHN HOPPER Refund Check	03/15/2017		14.73
			Total for Check Number 12592:	0.00	14.73
12593	UB*00245	Tina & Tim Roegge King Refund Check	03/15/2017		8.69
			Total for Check Number 12593:	0.00	8.69
12594	UB*00243	Megan & Logan Galloway Turner Refund Check	03/15/2017		8.69
			Total for Check Number 12594:	0.00	8.69
12595	UB*00247	DANA CLARKE Refund Check	03/16/2017		4.53
			Total for Check Number 12595:	0.00	4.53
12596	UB*00250	MAX HAUETER Refund Check Refund Check Refund Check	03/16/2017		11.40 8.04 30.65
			Total for Check Number 12596:	0.00	50.09
12597	UB*00251	JOSEPH HELLER Refund Check	03/16/2017		13.60
			Total for Check Number 12597:	0.00	13.60
12598	UB*00248	SUZANNE KANE-BASSANI Refund Check Refund Check	03/16/2017		49.16 4.53
			Total for Check Number 12598:	0.00	53.69
12599	UB*00252	Amalia Laugesen Refund Check Refund Check	03/16/2017		15.81 22.85
			Total for Check Number 12599:	0.00	38.66
12600	UB*00130	GREG NICHOLAS Refund Check Refund Check Refund Check	03/16/2017		23.44 5.65 51.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12600:	0.00	80.09
12601	UB*00249	NAOMI SMITH Refund Check	03/16/2017		1.13
			Total for Check Number 12601:	0.00	1.13
12602	10023	AT & T CAPITAL SERVICES, INC V2 SYSTM MAINTENANCE	03/16/2017		396.07
			Total for Check Number 12602:	0.00	396.07
12603	00055 030117 030117 030117 030117	AT&T TELEPHONE CHARGES_WT TELEPHONE CHARGES_OPS TELEPHONE CHARGES_BCEWW	03/16/2017		1,651.15 150.84 3,260.85 327.19
			Total for Check Number 12603:	0.00	5,390.03
12604	01077 031317	JOSEPH B BEASLEY MEAL REIMBURSEMENT_OT	03/16/2017		30.00
			Total for Check Number 12604:	0.00	30.00
12605	01050 201679	COLONIAL LIFE SUPPLEMENTAL INS_2/1/17, 2/15/17	03/16/2017		343.70
			Total for Check Number 12605:	0.00	343.70
12606	00788 030317 030417 030517 030717	COMCAST INTERNET_545 FALL CREEK DR INTERNET_11255 LOMPICO RD INTERNET_280 BLUE RIDGE DR INTERNET_15819 FOREST HILL RD	03/16/2017		163.18 86.10 170.06 170.06
			Total for Check Number 12606:	0.00	589.40
12607	00750 1282016	FEDAK & BROWN, LLP AUDIT SERVICES RENDERED_OCT 16	03/16/2017		2,000.00
			Total for Check Number 12607:	0.00	2,000.00
12608	00397 1252832 1252833 1252833 1252833	FERGUSON ENTERPRISES, INC GATE VALVE MJ 8" A2360-20 NIPPLE GALV 1-1/4" X 6" CAP GALV 1" FLANGE RING GASKETS 4" NO BLT	03/16/2017		2,559.63 16.50 8.28 18.07
			Total for Check Number 12608:	0.00	2,602.48
12609	10128 RNT6785882	FERRELLGAS RENTAL FEE	03/16/2017		1.00
			Total for Check Number 12609:	0.00	1.00
12610	10069 030917	NATE GILLESPIE UNIFORM REIMBURSEMENT	03/16/2017		150.00
			Total for Check Number 12610:	0.00	150.00
12611	00231	JODI McGRAW, Ph.D	03/16/2017		

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	010417	SERVICES RENDERED 6/1 - 12/31/16			1,128.75
			Total for Check Number 12611:	0.00	1,128.75
12612	00027 314739	NORTH BAY FORD MAINT_V#335	03/16/2017		303.64
			Total for Check Number 12612:	0.00	303.64
12613	00054 022817 022817 022817 022817 030617	PACIFIC GAS & ELECTRIC ELECTRIC CHARGES_OPS ELECTRIC CHARGES_ADMIN ELECTRIC CHARGES_WT ELECTRIC CHARGES_BCEWW ELECTRIC CHARGES_140 ELENA CT	03/16/2017		4,942.20 650.50 10,268.89 225.05 10.51
			Total for Check Number 12613:	0.00	16,097.15
12614	00711 1624349.001 S1624349.001 S1624349.001	ROBERTS & BRUNE CO. SHIPPING FEE FOR RUSH ORDER PART# 6001-009 / REPAIR CLAMP 3/4" X 3" PART# 6001-013 / REPAIR CLAMP 1" X 3"	03/16/2017		312.55 198.22 167.90
			Total for Check Number 12614:	0.00	678.67
12615	00399 MAR 2017 MAR 2017 MAR 2017 MAR 2017 MAR 2017 MAR 2017	VISION SERVICE PLAN - (CA) VISION INSURANC_FINANCE VISION INSURANC_ENG VISION INSURANCE_OPS VISION INSURANCE_WTP VISION INSURANCE_ENV VISION INSURANCE_ADMIN	03/16/2017		169.40 10.92 313.02 128.32 16.96 43.86
			Total for Check Number 12615:	0.00	682.48
12616	00599 48871607 48871607	WEX BANK FUEL_OPS FUEL_WT	03/16/2017		3,565.16 1,200.53
			Total for Check Number 12616:	0.00	4,765.69
12617	00378 022817	BANK OF THE WEST HR POSTING WEB NETWORK SOLUTIONS HR POSTING LYON PLANT HEATER MOTOR MAIL CHIMP UNIFORM_R.VILLA_-#216 TOOL KIT CA RURAL WATER ASSOC PORT DEVICE SERVER DESK FOR C.SLADWICK UNIFORM_G.UNGER-#219 UNIFORM_D.LONG_#209 TIMER FOR BOARD MEAL FOR CREW UNIFORM_J.DAVIS_#207 AMERICAN WATER COLLEGE CLASS SPILL SIGNS AMERICAN WATER COLLEGE CLASS K CUPS_LYON TP	03/16/2017		188.50 25.94 75.60 207.79 50.00 72.68 345.32 350.00 264.44 243.05 166.70 43.39 1,029.49 62.54 10.84 499.00 107.40 499.00 12.89

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	022817	UNIFORM_B.BEASLEY_#212			10.84
			Total for Check Number 12617:	0.00	4,265.41
12618	00788	COMCAST	03/16/2017		
	030617	INTERNET_295 EAST RD			170.06
	030817	INTERNET_17277 HWY 9			170.06
			Total for Check Number 12618:	0.00	340.12
12619	00615	HOME DEPOT CREDIT SERVICES	03/16/2017		
	022817	TOOL KIT			345.42
			Total for Check Number 12619:	0.00	345.42
12620	10005	ICMA RETIREMENT C/O M & T RETIRI	03/16/2017		
	102328319	RETIREMENT WITHHOLDING_3/15			2,719.00
			Total for Check Number 12620:	0.00	2,719.00
12621	00102	ANDY ROBUSTELLI	03/16/2017		
	031417	UNIFORM REIMBURSEMENT			161.97
			Total for Check Number 12621:	0.00	161.97
12622	00362	ACCELA, INC #774375	03/17/2017		
	23936	WEB PAYMENTS_TRANSACTION FEES			1,915.00
	23936	WEB PAYMENTS_BANK FEES			222.00
	27886	WEB PAYMENTS_BANK FEES			185.00
	27886	WEB PAYMENTS_TRANSACTION FEES			2,138.00
	28001	WEB PAYMENTS_TRANSACTION FEES			2,205.00
	28001	WEB PAYMENTS_BANK FEES			185.00
			Total for Check Number 12622:	0.00	6,850.00
12623	00589	ALLARD'S SEPTIC	03/17/2017		
	7281A	HOLDING TANK/HAUL AWAY_KWTP			300.00
	7281B	HOLDING TANK/HAUL AWAY_KWTP			300.00
	7281C	HOLDING TANK/HAUL AWAY_KWTP			300.00
	7289	HOLDING TANK/HAUL AWAY_KWTP			300.00
	7296	HOLDING TANK/HAUL AWAY			300.00
			Total for Check Number 12623:	0.00	1,500.00
12624	00729	ALPHA ANALYTICAL LABS	03/17/2017		
	7021155	BCEWW MONITORING			416.00
	7022182	BCEWW MONITORING			906.00
	7031596	BCEWW MONITORING			390.00
			Total for Check Number 12624:	0.00	1,712.00
12625	10025	BADGER METER, INC	03/17/2017		
	80010767	BEACON SERVICES_FEB 2017			542.90
			Total for Check Number 12625:	0.00	542.90
12626	00220	BAY BUILDING JANITORIAL,INC	03/17/2017		
	29481	JANITORIAL SERVICES			326.48
			Total for Check Number 12626:	0.00	326.48
12627	00146	BLUEPRINT EXPRESS	03/17/2017		

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	220479	LYON PLANT AS-BUILT COPIES			144.35
			Total for Check Number 12627:	0.00	144.35
12628	00342 60477	BRASS KEY LOCKSMITH GENERATOR KEYS	03/17/2017		22.48
			Total for Check Number 12628:	0.00	22.48
12629	00566 17020	C S S C ANSWERING SERVICE	03/17/2017		393.33
			Total for Check Number 12629:	0.00	393.33
12630	00713 14441245	C.C.O.I. GATE & FENCE OPS GATE REPAIR	03/17/2017		135.00
			Total for Check Number 12630:	0.00	135.00
12631	00265 2374	COMMUNITY TELEVISION BOD MEETING COVERAGE_1/19/2017	03/17/2017		265.50
			Total for Check Number 12631:	0.00	265.50
12632	00037 31274	COUNTY OF SANTA CRUZ ASPHALT DISPOSAL	03/17/2017		52.00
			Total for Check Number 12632:	0.00	52.00
12633	10120 100	CREDIT BUREAU ASSOCIATES COLLECTION FEES	03/17/2017		76.86
			Total for Check Number 12633:	0.00	76.86
12634	00320 122715	CYBER PRESS VINYL STICKERS	03/17/2017		108.50
			Total for Check Number 12634:	0.00	108.50
12635	00133 21971 473008 473009 90913	DASSEL'S PROPANE_MITCHELL BOOSTER PROPANE_ADMIN PROPANE-OPS PROPANE TANK REPIAR	03/17/2017		483.89 1,009.01 501.80 85.00
			Total for Check Number 12635:	0.00	2,079.70
12636	00703 202144	DATAFLOW BUSINESS SYSTEMS, INC KYOCERA MAINT	03/17/2017		0.70
			Total for Check Number 12636:	0.00	0.70
12637	10118	STEWART DEGNER PRECISA LS 320-TOPLOADER	03/17/2017		2,198.92
			Total for Check Number 12637:	0.00	2,198.92
12638	00409 011117 021217	EASYPERMIT POSTAGE POSTAGE CREDIT POSTAGE FOR MAIL MACHINE	03/17/2017		-46.84 500.00
			Total for Check Number 12638:	0.00	453.16

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
12639	00147 9064016	EMERSON PROCESS MANAGEMENT LYON PLANT HARDWARE UPG - PCP1, PCF	03/17/2017		14,765.08
		Total for Check Number 12639:		0.00	14,765.08
12640	00212 82828	COUNTY OF SANTA CRUZ ENVIRONM HEALTH PERMIT_PASO 6	03/17/2017		787.00
		Total for Check Number 12640:		0.00	787.00
12641	00343 57388 57586 57704 57822	ERNIE'S SERVICE CENTER 1999 CHEVY TRUCK REPIARS VEHICLE OIL CHANGE TRANSMISSION SERVICE V #249 TRANSMISSION COOLER	03/17/2017		1,137.08 61.11 116.75 767.19
		Total for Check Number 12641:		0.00	2,082.13
12642	00450 305174 307675 308338 308339 308340	EUROFINS EATON ANALYTICAL, INC WATER ANALYSIS_PASO, BOB'S LN WATER ANALYSIS_PASO 5, BOB'S LN WATER ANALYSIS_MIRA FLORES WATER ANALYSIS_HWY 9, VIEW CIRCLE WATER ANALYSIS_SYLVAN REDWOOD,FO	03/17/2017		60.00 60.00 200.00 400.00 800.00
		Total for Check Number 12642:		0.00	1,520.00
12643	00118 64978222	FARMER BROTHERS COFFEE COFFEE & SUPPLIES	03/17/2017		129.40
		Total for Check Number 12643:		0.00	129.40
12644	00210 619617	FISHER SCIENTIFIC WTP SUPPLIES	03/17/2017		65.69
		Total for Check Number 12644:		0.00	65.69
12645	00080 1115874 30560627 31560481 31560486 31560494 31560626 31560628	GRANITE CONSTRUCTION CO QUAIL 5 BINS BCFD_SAND QUAIL BINS QUAIL BINS LYON WTP QUAIL 5 BINS_BASE ROCK BCFD_SAND	03/17/2017		295.92 39.00 363.00 33.00 338.00 48.36 60.64
		Total for Check Number 12645:		0.00	1,177.92
12646	10133 713473	GRISWOLD INDUSTRIES CLA VAL PARTS	03/17/2017		803.63
		Total for Check Number 12646:		0.00	803.63
12647	00236 3012509329 3012929143	IDEXX DISTRIBUTION CORP Bacteriological sample bottles and media Bacteriological sample bottles and media	03/17/2017		1,725.57 321.55
		Total for Check Number 12647:		0.00	2,047.12
12648	00058 12206	IHWY, INC. BUSINESS HOSTING	03/17/2017		25.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12648:	0.00	25.00
12649	00695 030117	PAUL JENSEN SURVEY WORK_KWTP	03/17/2017		1,775.00
			Total for Check Number 12649:	0.00	1,775.00
12650	00233 71811 71812	JACK LADD TOW V#335 TO MT MECHANIC TOW V#335 TO NORTH BAY FORD	03/17/2017		100.00 190.00
			Total for Check Number 12650:	0.00	290.00
12651	00082 209196 209196 209196	MID VALLEY SUPPLY PAPER SUPPLIES_OPS PAPER SUPPLIES_WTP PAPER SUPPLIES_ADMIN	03/17/2017		112.60 81.31 45.01
			Total for Check Number 12651:	0.00	238.92
12652	00539 0217SLV	MILLER MAXFIELD, INC PUBLIC OUTREACH SERVICES_FEB 2017	03/17/2017		4,931.25
			Total for Check Number 12652:	0.00	4,931.25
12653	00944 2257	PHIL NEUMAN MONTHLY MANAGED SERVER & BACKUI	03/17/2017		415.00
			Total for Check Number 12653:	0.00	415.00
12654	10132 237225	ALL WEST EQUIPMENT CO. LYON PLANTBUTTERFLY VALVE	03/17/2017		3,953.38
			Total for Check Number 12654:	0.00	3,953.38
12655	00474 111197, 111224	P & F DISTRIBUTORS BULL SPRINGS -- COMBINED SPRINGS WA	03/17/2017		18,510.80
			Total for Check Number 12655:	0.00	18,510.80
12656	10130 FY1617 FY1617	SANTA CRUZ COUNTY PARKS,OPEN S PARCEL TAX COUNTY PARKS PARCEL TAX	03/17/2017		206.35 51.00
			Total for Check Number 12656:	0.00	257.35
12657	00569 3101060684	PITNEY BOWES GLOBAL FIN.LLC MAIL MACHINE LEASE	03/17/2017		457.57
			Total for Check Number 12657:	0.00	457.57
12658	00501 1003438632	PITNEY BOWES INC SEALER FOR MAIL MACHINE	03/17/2017		54.15
			Total for Check Number 12658:	0.00	54.15
12659	00302 66797 68013	POLLARDWATER.COM FLARING TOOLS TAPPING MACHINE	03/17/2017		841.39 1,635.58
			Total for Check Number 12659:	0.00	2,476.97

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
12660	00263 022817	RAYNE WATER CONDITIONING WATER CONDITIONER SVC	03/17/2017		37.67
			Total for Check Number 12660:	0.00	37.67
12661	00046 5-822 6-822	RED WING SHOE STORE BOOTS FOR 218 SAFETY SHOES --155	03/17/2017		212.11 225.93
			Total for Check Number 12661:	0.00	438.04
12662	00618 169507	SACRAMENTO BAG MFG.CO. SAND BAGS	03/17/2017		1,252.80
			Total for Check Number 12662:	0.00	1,252.80
12663	00153 465057	SANTA CRUZ ELECTRONICS SCADA BRIDGE UPGRADE	03/17/2017		2.30
			Total for Check Number 12663:	0.00	2.30
12664	10059 14243	SUZANNE SCHRAG KWTP PUMP REPIAR	03/17/2017		220.61
			Total for Check Number 12664:	0.00	220.61
12665	00171 75	SCOTTS VALLEY WATER DISTRICT PUBLIC OUTREACH SERVICES	03/17/2017		1,560.00
			Total for Check Number 12665:	0.00	1,560.00
12666	10105 10014225 10043610	SIERRA CHEMICAL CO. CL2 DRUM CREDIT CL2 FOR KWTP	03/17/2017		-440.00 3,194.18
			Total for Check Number 12666:	0.00	2,754.18
12667	00047 7020197 7020368 7020369 7020370 7020500 7030025 7030056	SOIL CONTROL LAB WATER ANALYSIS_GENERAL PHYSISCAL WATER ANALYSIS_GENERAL PHYSICAL WATER ANALYSIS_GENERAL PHYSICAL WATER ANALYSIS_METALS DIGESTION, M WATER ANALYSIS_METALS DIGESTION, IF WATER ANALYSIS_GENERAL PHYSICAL WATER ANALYSIS	03/17/2017		145.00 145.00 29.00 37.00 49.00 145.00 116.00
			Total for Check Number 12667:	0.00	666.00
12668	00156 6367	STERLING WATER TECHNOLOGIES WATER TREATMENT CHEMICALS_SWT 880	03/17/2017		3,970.18
			Total for Check Number 12668:	0.00	3,970.18
12669	00555 53537523	STORDOK DOCUMENT SHREDDING	03/17/2017		45.00
			Total for Check Number 12669:	0.00	45.00
12670	00266 362548391	TERMINIX PEST CONTROL	03/17/2017		125.00
			Total for Check Number 12670:	0.00	125.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
12671	00219	TOYOTA MATERIAL HANDLING	03/17/2017		
	K23641	FORKLIFT ENGINE CHECK_QUAIL			121.54
	K23697	FORKLIFT ENGINE CHECK_OPS			163.50
	K24676	TUNE UP KIT_FORKLIFT			293.98
Total for Check Number 12671:				0.00	579.02
12672	00727	ULINE SHIPPING SUPPLIES	03/17/2017		
	84655810	BARRICADE TAPE			223.72
Total for Check Number 12672:				0.00	223.72
12673	10072	WATER SYSTEMS CONSULTING, INC	03/17/2017		
	2404	SERVICES RENDERED_1/1 - 1/31/17_UWMP			4,107.50
Total for Check Number 12673:				0.00	4,107.50
12674	00268	WATTS ON	03/17/2017		
	11947	GENERATOR REPAIR			518.37
	11950	FELTON ACRES GENERATOR MAINT.			636.02
Total for Check Number 12674:				0.00	1,154.39
12675	00687	AT&T U-VERSE	03/20/2017		
	030617	INTERNET_MANANA WOODS			59.00
Total for Check Number 12675:				0.00	59.00
12676	00687	AT&T U-VERSE	03/21/2017		
	030717	INTERNET_345 QUAIL HOLLOW			110.00
Total for Check Number 12676:				0.00	110.00
12677	10134	WESTERN ALLIANCE BANK - MUNICI	03/21/2017		
	032017	REFUNDING BOND_INTEREST			36,573.45
	032017	REFUNDING BOND_PRINCIPAL			318,281.79
Total for Check Number 12677:				0.00	354,855.24
12678	00362	ACCELA, INC #774375	03/23/2017		
	28663	BANK FEE			2,135.00
	28663	SERVICE FEE			185.00
Total for Check Number 12678:				0.00	2,320.00
12679	00589	ALLARD'S SEPTIC	03/23/2017		
	7305	HOLDING TANK HAUL AWAY			300.00
Total for Check Number 12679:				0.00	300.00
12680	00162	ANTHEM BLUE CROSS	03/23/2017		
	24906597	RETIRED EMP MEDICAL_4/1/17 - 4/30/17			316.02
Total for Check Number 12680:				0.00	316.02
12681	00767	ANTHEM BLUE CROSS	03/23/2017		
	939412401	MEDICARERX_4/1/17 - 5/1/17			159.80
Total for Check Number 12681:				0.00	159.80
12682	00309	AT&T IP SERVICES	03/23/2017		
	031117	IP SERVICES_OPS			257.91
	031117	IP SERVICES_WT			257.91

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	031117	IP SERVICES_ADMIN			257.92
			Total for Check Number 12682:	0.00	773.74
12683	00687 03052017	AT&T U-VERSE INTERNET_13057 HWY 9	03/23/2017		140.00
			Total for Check Number 12683:	0.00	140.00
12684	00145 316773	BATTERIES PLUS UPS BATTERIES	03/23/2017		247.31
			Total for Check Number 12684:	0.00	247.31
12685	10106 5779	CEL ANALYTICAL, INC FIELD SAMPLING	03/23/2017		409.00
			Total for Check Number 12685:	0.00	409.00
12686	10121 32511 32511	COLANTUONO,HIGHSMITH & WHATL CREDIT LEGAL SERVICES THROUGH 2/28/17	03/23/2017		-6,873.00 23,361.46
			Total for Check Number 12686:	0.00	16,488.46
12687	00788 031117 031517 031617	COMCAST INTERNET_23 SUMMIT AVE INTERNET_200 ANNIE'S WAY INTERNET_264 ORCHARD RD	03/23/2017		141.05 170.06 136.05
			Total for Check Number 12687:	0.00	447.16
12688	00273 81777841 81777841	CORELOGIC, INC. REALQUEST SERVICE_FINANCE CORELOGIC_INV#81777841	03/23/2017		93.75 93.75
			Total for Check Number 12688:	0.00	187.50
12689	00037 31451	COUNTY OF SANTA CRUZ WASTE REMOVAL	03/23/2017		106.42
			Total for Check Number 12689:	0.00	106.42
12690	00210 4432554	FISHER SCIENTIFIC LAB SUPPLIES	03/23/2017		355.49
			Total for Check Number 12690:	0.00	355.49
12691	00080 1126277	GRANITE CONSTRUCTION CO BASE ROCK FOR QUAIL BINS	03/23/2017		51.06
			Total for Check Number 12691:	0.00	51.06
12692	00367 117768 117768	INFOSEND, INC MAILING FEES POSTAGE FEES	03/23/2017		1,157.27 2,683.44
			Total for Check Number 12692:	0.00	3,840.71
12693	00336 JAN 2018	LAND TRUST OF SANTA CRUZ CNTY OLYMPIA PATROL SERVICE	03/23/2017		939.53

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12693:	0.00	939.53
12694	00512 E146629	RIVERSIDE LIGHTING MISC ELECTRICAL CONNECTORS	03/23/2017		101.52
			Total for Check Number 12694:	0.00	101.52
12695	00047 7030026 7030145 7030261 7030262 7030308	SOIL CONTROL LAB METALS, IRON, MAGANESE GEN PHYSICAL, METALS, IRON, MANGAN GENERAL PHYSICAL GENERAL PHYSICAL GENERAL PHYSICAL	03/23/2017		49.00 312.00 145.00 29.00 116.00
			Total for Check Number 12695:	0.00	651.00
12696	00219 K25030	TOYOTA MATERIAL HANDLING TUNE UP & THERMOSTAT	03/23/2017		181.11
			Total for Check Number 12696:	0.00	181.11
12697	00768 197126	USA BLUEBOOK LYON PLANT BARREL PUMP & 2 PUMP TU	03/23/2017		1,249.63
			Total for Check Number 12697:	0.00	1,249.63
12698	00011 9782107774	VERIZON WIRELESS TABLET CHARGES	03/23/2017		351.44
			Total for Check Number 12698:	0.00	351.44
12699	00097 5905	JAMES MARK WALTERS HWY 9/ BROOKDALE SLIDE	03/23/2017		120.00
			Total for Check Number 12699:	0.00	120.00
12700	00398 8424772	WATSONVILLE METAL CO.,INC RECYCLE METAL	03/23/2017		600.00
			Total for Check Number 12700:	0.00	600.00
12701	UB*00254	Gloria Garcia Refund Check Refund Check Refund Check	03/23/2017		0.96 0.26 2.43
			Total for Check Number 12701:	0.00	3.65
12702	UB*00253	KENNETH HUTZ Refund Check Refund Check Refund Check	03/23/2017		63.67 5.62 21.40
			Total for Check Number 12702:	0.00	90.69
12703	UB*00255	SUSAN RETTEN Refund Check	03/23/2017		92.00
			Total for Check Number 12703:	0.00	92.00
12704	UB*00256	LOANNE RUBE Refund Check	03/23/2017		5.47

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
		Refund Check			20.82
		Refund Check			70.26
			Total for Check Number 12704:	0.00	96.55
12705	UB*00257	Ken Walters Refund Check	03/23/2017		360.56
			Total for Check Number 12705:	0.00	360.56
12706	00687 030517	AT&T U-VERSE INTERNET_13057 HWY 9	03/24/2017		70.00
			Total for Check Number 12706:	0.00	70.00
12707	00329 9383143352	GRAINGER EMERGENCY FLARES	03/24/2017		815.58
			Total for Check Number 12707:	0.00	815.58
12708	10081 9661 9661	INFRASTRUCTURE ENGINEERING CO FLOW MONITORING STUDY IMPLEMENTATION & COMMISSIONING	03/24/2017		2,600.00 1,150.00
			Total for Check Number 12708:	0.00	3,750.00
12709	10001 770810	RUTAN & TUCKER, LLP LEGAL SERVICES	03/24/2017		31,096.30
			Total for Check Number 12709:	0.00	31,096.30
12710	00721 5066137	UNITED SITE SVCS.,INC PORTO-TOILET	03/24/2017		165.21
			Total for Check Number 12710:	0.00	165.21
12711	00309 031917 031917 031917	AT&T IP SERVICES IP SERVICES_WTP IP SERVICES_OPS IP SERVICES_ADMIN	03/29/2017		406.79 406.80 406.80
			Total for Check Number 12711:	0.00	1,220.39
12712	00686 031317 031317 031317	AT&T LONG DISTANCE LONG DISTANCE_OPS LONG DISTANCE_WTP LONG DISTANCE_ADMIN	03/29/2017		21.86 375.23 4.45
			Total for Check Number 12712:	0.00	401.54
12713	00687 031517	AT&T U-VERSE INTERNET_GRAHAM HILL RD	03/29/2017		70.00
			Total for Check Number 12713:	0.00	70.00
12714	00788 031917	COMCAST INTERNET_7400 HWY 9	03/29/2017		141.05
			Total for Check Number 12714:	0.00	141.05
12715	00256 032217	JESSE GUIVER UNIFORM REIMBURSEMENT	03/29/2017		48.68

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12715:	0.00	48.68
12716	00093 032717	JOHN TREGEMBO UNIFORM REIMBURSEMENT	03/29/2017		102.70
			Total for Check Number 12716:	0.00	102.70
12717	00011 9782107773 9782107773 9782107773 9782107773	VERIZON WIRELESS CELL PHONE CHARGES_ADMIN CELL PHONE CHARGES_ENG CELL PHONE CHARGES_WTP CELL PHONE CHARGES_OPS	03/29/2017		85.31 43.87 354.84 655.47
			Total for Check Number 12717:	0.00	1,139.49
12718	00545 555873	AFLAC SUPPLEMENTAL INS_MAR 2017	03/30/2017		377.30
			Total for Check Number 12718:	0.00	377.30
12719	00055 031917 31917	AT&T TELEPHONE SERVICE_FELTON ACRES TELEPHONE SERVICE_LOMPICO	03/30/2017		85.00 233.50
			Total for Check Number 12719:	0.00	318.50
12720	00409 031217	EASYPERMIT POSTAGE POSTAGE LATE FEE	03/30/2017		46.13
			Total for Check Number 12720:	0.00	46.13
12721	10005 102337096	ICMA RETIREMENT C/O M & T RETIRI RETIREMENT WITHHOLDINGS_03/29/17	03/30/2017		2,744.00
			Total for Check Number 12721:	0.00	2,744.00
12722	00208 033017	LEONARD KUHNLEIN UNIFORM REIMBURSEMENT	03/30/2017		86.98
			Total for Check Number 12722:	0.00	86.98
12723	00245 032917	DONALD F. LONG, JR MEAL REIMBURSEMENT	03/30/2017		13.87
			Total for Check Number 12723:	0.00	13.87
12724	00313 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417 031417	MET LIFE DISIBILITY INSURANCE_ADMIN DISIBILITY INSURANCE_FINANCE DENTAL INSURANCE_ENG LIFE INSURANCE_OPS DISIBILITY INSURANCE_WTP DISIBILITY INSURANCE_ENV LIFE INSURANCE_WTP LIFE INSURANCE_ENG DENTAL INSURANCE_OPS LIFE INSURANCE_ENG LIFE INSURANCE_FINANCE DENTAL INSURANCE_FINANCE DISIBILITY INSURANCE_ENG DISIBILITY INSURANCE_OPS	03/30/2017		84.83 189.11 60.75 226.44 308.02 46.45 139.86 16.65 2,124.76 16.65 99.90 817.45 41.45 425.38

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	031417	DENTAL INSURANCE_ENV			125.80
	031417	DENTAL INSURANCE_WTP			1,056.78
	031417	LIFE INSURANCE_ADMIN			33.30
	031417	DENTAL INSURANCE_ADMIN			250.80
			Total for Check Number 12724:	0.00	6,064.38
12725	00171 032317	SCOTTS VALLEY WATER DISTRICT WORKSHOP_SLVWD PORTION	03/30/2017		1,500.00
			Total for Check Number 12725:	0.00	1,500.00
12726	00399 APR 2017 APR 2017 APR 2017 APR 2017 APR 2017 APR 2017	VISION SERVICE PLAN - (CA) VISION INSURANCE_OPS VISION INSURANCE_WT VISION INSURANCE_ENG VISION INSURANCE_FINANCE VISION INSURANCE_ENV VISION INSURANCE_ADMIN	03/30/2017		313.02 128.32 10.92 152.44 16.96 37.82
			Total for Check Number 12726:	0.00	659.48
12727	UB*00258	AJ Limardo Refund Check Refund Check Refund Check	03/30/2017		2.55 22.21 9.74
			Total for Check Number 12727:	0.00	34.50
12728	UB*00260	Matthew Malone Refund Check	03/30/2017		75.00
			Total for Check Number 12728:	0.00	75.00
12729	UB*00259	Michelle Noel Refund Check Refund Check	03/30/2017		2.63 10.03
			Total for Check Number 12729:	0.00	12.66
12730	00057 APR 2017	AFSCME COUNCIL 57 UNION DUES	04/04/2017		983.48
			Total for Check Number 12730:	0.00	983.48
12731	00115 APR 2017	ATKINSON-FARASYN LEGAL SERVICES	04/04/2017		3,500.00
			Total for Check Number 12731:	0.00	3,500.00
12732	10113 APR 20107 APR 20107	BANK MIDWEST SOLAR LOAN_PRINCIPAL SOLAR LOAN_INTEREST	04/04/2017		2,279.98 969.92
			Total for Check Number 12732:	0.00	3,249.90
12733	00099 APR 2017	JOEL BUSA CALPERS MEDICAL	04/04/2017		125.00
			Total for Check Number 12733:	0.00	125.00
12734	00415	CA BANK & TRUST/GOV SVC DEPT	04/04/2017		

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12741:	0.00	2,275.51
12742	00142	SAN LORENZO LUMBER	04/04/2017		
	68545	CLEVIS SHACKLE			9.90
	87264	BCEWW SUPPLIES			28.86
	88397	BULL/COMBINED SPRINGS BRIDGE REPAI			1,104.47
	88667	MANANA WOODS ELECTRICAL			18.02
			Total for Check Number 12742:	0.00	1,161.25
12743	00125	SCARBOROUGH LUMBER	04/04/2017		
	286625	EXTENSION CORDS			240.54
	286664	ENG OFFICE LIGHTS			50.38
	286985	LYON PLANT TURBIDIMETER			13.57
	286998	ZIPLOC BAGS_KWTP			24.01
	287036	LYON PLANT TURBIDIMETER			60.00
	287057	TRASH CANS			128.26
	287384	KIRBY PLANT TURBIDIMETER			30.70
	287403	REPLACEMENT IMPACT DRIVER			192.45
	287439	MISC HARDWARE			13.46
	287536	WHEELBARROW, TIE DOWN			121.87
	287689	PARTS FOR GATE INSTALLATION			99.97
	287754	WATER QUALITY SUPPLIES			55.29
	287915	CANOPY			117.60
	288069	BCEWW SUPPLIES			37.38
	288074	LOCKWOOD HYDRANT			83.80
	363738	LAB SUPPLIES			25.03
	364349	BCEWW SUPPLIES			74.05
	555455	SUMP PUMP, SUPPLIES			254.52
	555496	EXTENSION CORD			160.36
	555639	CHAIN SAW			41.24
	555771	BCEWW SUPPLIES			30.22
	555775	SUMP PUMP, TRASH CAN			132.56
	555821	MOTOR OIL, GLASS CLEANER			40.65
	555923	MISC PLUMBING PARTS			34.93
	556178	TRASH BAGS_PIPE COVERING			14.96
	556191	PAINT FOR GATE/FENCE			21.34
	556269	SAWZALL BLADES			47.03
	556291	CANOPIES FOR RAIN			235.20
	556292	CANOPY RETURN			-117.60
	556293	CUT OFF WHEEL, SAW BLADES			31.81
	556300	REPLACEMENT UNIT FOR V#309			244.06
	556307	BCEWW SUPPLIES			75.87
	556321	BCEWW SUPPLIES			54.26
			Total for Check Number 12743:	0.00	2,669.77
12744	00383	A TOOL SHED	04/06/2017		
	1181268-5	COMPRESSOR RENTAL			110.00
			Total for Check Number 12744:	0.00	110.00
12745	00729	ALPHA ANALYTICAL LABS	04/06/2017		
	7032491	BCEWW MONITORING			906.00
			Total for Check Number 12745:	0.00	906.00
12746	00760	ANGELO BARTOLOTTA	04/06/2017		
	21392	BUSINESS CARDS_FINANCE			106.45
	21392	BUSINESS CARDS_ENG			53.23

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	21392	BUSINESS CARDS_OPS			53.23
			Total for Check Number 12746:	0.00	212.91
12747	00220 29594	BAY BUILDING JANITORIAL,INC JANITORIAL SERVICES	04/06/2017		424.42
			Total for Check Number 12747:	0.00	424.42
12748	UB*00261	Brooks of Swenson Collado Home/Collado Refund Check	04/06/2017		88.18
			Total for Check Number 12748:	0.00	88.18
12749	00178 031417 031417 031417 031417 031417 031417 031417 031417 031417	CALPERS MEDICAL INSURANCE_FINANCE MEDICAL INSURANCE_ADMIN MEDICAL INSURANCE_OPS MEDICAL INSURANCE_WTP MEDICAL INSURANCE_ENG RETIRED EMPLOYEE MEDICAL MEDICAL INSURANCE_ENV MEDICAL_DEPENDANT WITHHOLDING ADMIN FEE	04/06/2017		8,053.98 2,820.46 20,431.20 8,698.86 733.39 600.00 2,037.00 3,106.61 152.00
			Total for Check Number 12749:	0.00	46,633.50
12750	00363 033017	CINCINNATI LIFE INSURANCE CO LIFE INSURANCE_MARCH	04/06/2017		42.00
			Total for Check Number 12750:	0.00	42.00
12751	00788 032617	COMCAST INTERNET_195 KIRBY ST	04/06/2017		151.05
			Total for Check Number 12751:	0.00	151.05
12752	00444 032617 032617 032617	COSTCO-CAPITAL ONE COMMERCIAL OFFICE SUPPLIES_ADMIN OFFICE SUPPLIES_OPS OFFICE SUPPLIES_ADMIN	04/06/2017		19.64 44.78 110.49
			Total for Check Number 12752:	0.00	174.91
12753	00312 030817 030817	DOCTORS ON DUTY EMPLOYEE PHYSICAL_UNGER EMPLOYEE PHYSICAL_MACK	04/06/2017		80.00 80.00
			Total for Check Number 12753:	0.00	160.00
12754	00118 64978494	FARMER BROTHERS COFFEE COFFEE SUPPLIES	04/06/2017		189.65
			Total for Check Number 12754:	0.00	189.65
12755	00365 16009	FREITAS + FREITAS PROJECT MANAGER SERVICES_LOMPICO	04/06/2017		954.60
			Total for Check Number 12755:	0.00	954.60
12756	00080 1122893	GRANITE CONSTRUCTION CO BROOKDALE NORTH SLIDE BASE ROCK	04/06/2017		133.16

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
			Total for Check Number 12756:	0.00	133.16
12757	00120 040617	GRANITEROCK QUAIL HOLLOW PIPE EASEMENT	04/06/2017		1.00
			Total for Check Number 12757:	0.00	1.00
12758	00615 032817 032817	HOME DEPOT CREDIT SERVICES POLY TARPS_LYON ACCESS RD POLY TARPS_LYON ACCESS RD	04/06/2017		899.64 899.64
			Total for Check Number 12758:	0.00	1,799.28
12759	00236 3013173142	IDEXX DISTRIBUTION CORP QUANTI-TRAYS	04/06/2017		714.31
			Total for Check Number 12759:	0.00	714.31
12760	00235 032317 032317 032317 032317	MICROWEST SOFTWARE SYSTEMS,IN AMMS SYSTEM MANAGER TRAINING_OP AMMS APPLICATIONS TRAINING_OPS AMMS APPLICATIONS TRAINING_WT AMMS SYSTEM MANAGER TRAINING_WT	04/06/2017		497.50 447.50 447.50 497.50
			Total for Check Number 12760:	0.00	1,890.00
12761	00082 210400	MID VALLEY SUPPLY PAPER TOWELS_OPS	04/06/2017		36.72
			Total for Check Number 12761:	0.00	36.72
12762	00054 032417 032817 032817 032817 032817 032817 032917 32817 32917	PACIFIC GAS & ELECTRIC ELECTRIC CHARGES_LAZYWOODS ELECTRIC CHARGES_PUMP_WELL#6 ELECTRIC CHARGES_PUMPING STATION ELECTRIC CHARGES_11225 LOMPICO PUM ELECTRIC CHARGES_MADRONE BOOSTE ELECTRIC CHARGES_COMMUNITY WELL ELECTRIC CHARGES_WT ELECTRIC CHARGES_ZAYANTE/ROSEBLO ELECTRIC CHARGES_1150 REBECCA	04/06/2017		100.61 22.84 221.26 194.21 515.29 61.30 1,030.81 2,459.82 45.15
			Total for Check Number 12762:	0.00	4,651.29
12763	00436 17-0015	SANTA CRUZ COUNTY CLERK ELECTION FEES	04/06/2017		17,354.95
			Total for Check Number 12763:	0.00	17,354.95
12764	00768 203402	USA BLUEBOOK BEARCREEK WASTE WATER	04/06/2017		856.65
			Total for Check Number 12764:	0.00	856.65
12765	00599 49228714 49228714	WEX BANK FUEL_WTP FUEL_OPS	04/06/2017		1,514.75 3,815.86
			Total for Check Number 12765:	0.00	5,330.61
12766	00711	ROBERTS & BRUNE CO.	04/06/2017		

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	S1630104.003	BELL REDCR GALV 2" X 1"			17.47
	S1630104.003	NIPPLE GALV 2" X 5"			20.30
	S1630104.003	REPAIR CLAMP 1" X 6"			71.68
	S1630104.003	FLEX COUPLING 1-1/4" X 5"			165.36
	S1630104.003	UNION GALV 2"			55.65
	S1630104.003	FULL CIRCLE 3.96-4.25 7.50"			55.65
	S1630104.003	FULL CIRCLE 6.56-6.96 12.50"			443.08
	S1630104.003	UNION GALV 2"			99.05
	S1630104.003	FULL CIRCLE 5.95-6.35 7.50"			186.03
	S1637046.01	6 HYMAX FLEX CPLG 6.42-7.68 ITEM# 600			966.72
			Total for Check Number 12766:	0.00	2,080.99
12767	00711 S1636329.001	ROBERTS & BRUNE CO. LOCKEWOOD HYDRANT	04/07/2017		1,878.32
			Total for Check Number 12767:	0.00	1,878.32
12768	00060 040717	CAROL CARSON WATERSHED ED. GRANT	04/07/2017		300.00
			Total for Check Number 12768:	0.00	300.00
12769	10023 3009877	AT & T CAPITAL SERVICES, INC V2 SYSTEM MAINTENANCE	04/12/2017		396.07
			Total for Check Number 12769:	0.00	396.07
12770	00378 032817 032817 032817 032817 032817 032817 032817 032817 032817	BANK OF THE WEST ADVERTISING_TRANSITALENT.COM EQUIPMENT LABELS BATTERIES WEB NETWORK SOLUTIONS BATTERIES ADVERTISING_SANTACRUZ JOBS.COM ADVERTISING_BOXWOOD TECHNOLOGY SEMINAR_LODGING MAIL CHIMP	04/12/2017		290.00 698.67 41.19 25.94 130.71 377.00 200.00 75.89 50.00
			Total for Check Number 12770:	0.00	1,889.40
12771	00145 315428	BATTERIES PLUS UPS BATTERIES	04/12/2017		82.44
			Total for Check Number 12771:	0.00	82.44
12772	00342 946291	BRASS KEY LOCKSMITH MASTER KEY CYLANDERS_KEYED ALIKI	04/12/2017		323.00
			Total for Check Number 12772:	0.00	323.00
12773	00369 041117	CAROLE TRIANTAFILLOS ADVANCE FORM PP ENDING 4/26/17	04/12/2017		500.00
			Total for Check Number 12773:	0.00	500.00
12774	00234 040117	CITY OF SCOTTS VALLEY SEWER CHARGES_323 KINGS VILLAGE	04/12/2017		79.00
			Total for Check Number 12774:	0.00	79.00
12775	00788	COMCAST	04/12/2017		

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Void Checks	Check Amount
	040117	INTERNET_215 BLACKSTONE DR			170.19
	040317	INTERNET_545 FALL CREEK DR			163.18
	040417	INTERNET_11255 LOMPICO RD			86.10
			Total for Check Number 12775:	0.00	419.47
12776	00343 58346	ERNIE'S SERVICE CENTER SERVICE TRUCK #747	04/12/2017		554.95
			Total for Check Number 12776:	0.00	554.95
12777	00530 041017	JAMES FURTADO UNIFROM REIMBURSEMENT	04/12/2017		151.23
			Total for Check Number 12777:	0.00	151.23
12778	00016 2655016	GREENWASTE RECOVERY,INC TRASH/RECYCLE/YARDWASTE SERVICE	04/12/2017		332.40
			Total for Check Number 12778:	0.00	332.40
12779	00054 032917 032917 032917 032917 040417	PACIFIC GAS & ELECTRIC GAS/ELECTRIC CHARGES_OPS GAS/ELECTRIC CHARGES_BCEWW GAS/ELECTRIC CHARGES_ADMIN GAS/ELECTRIC CHARGES_WT ELECTRIC CHARGES_140 ELENA CT	04/12/2017		6,141.56 241.19 700.30 9,356.65 9.53
			Total for Check Number 12779:	0.00	16,449.23
12780	10059 14282	SUZANNE SCHRAG PUMP SERVICE_KWTP	04/12/2017		27.13
			Total for Check Number 12780:	0.00	27.13
12781	00044 033017	STAPLES CREDIT PLAN OFFICE SUPPLIES_WTP	04/12/2017		68.02
			Total for Check Number 12781:	0.00	68.02
12782	10127 24740 24741	SUBTRONIC CORPORATION VIDEO OF CULVERTS BEAR CREEK WASTE WATER SYSTEM INS	04/12/2017		3,100.00 9,500.00
			Total for Check Number 12782:	0.00	12,600.00
12783	00219 K25031	TOYOTA MATERIAL HANDLING REPAIR SEAL LIFT CYLANDER	04/12/2017		534.96
			Total for Check Number 12783:	0.00	534.96
			Report Total (203 checks):	0.00	748,995.81

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 03/15/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

TRANSACTION DETAIL

ELECTRONIC FUNDS TRANSFER - Your financial institution will initiate transfer to Paychex **at or after 12:01 A.M.** on transaction date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		BANK DRAFT AMOUNTS & OTHER TOTALS
03/14/17	WELLS FARGO BANK, NA	xxxxxx1358	Direct Deposit	Net Pay Allocations	52,863.09	52,863.09
03/14/17	WELLS FARGO BANK, NA	xxxxxx1358	Taxpay®	Employee Withholdings		
				Social Security	6,963.60	
				Medicare	1,628.62	
				Fed Income Tax	12,872.76	
				CA Income Tax	3,992.34	
				CA Disability	1,010.91	
				Total Withholdings	26,468.23	
				Employer Liabilities		
				Social Security	6,963.61	
				Medicare	1,628.58	
				Total Liabilities	8,592.19	35,060.42
03/14/17	WELLS FARGO BANK, NA	xxxxxx1358	401(k) Traditional	PXROTH 401 EEPO	2,027.41	
				PX401 EECU		
				PX401 ERMTCH		
				PXROTH 401 EECU		
				PX401 ERCUM		
				PX401 EEPRE	1,015.53	3,042.94
03/14/17	WELLS FARGO BANK, NA	xxxxxx1358	Section 125	PXDCA EE PRE	384.62	
				PXUME EE PRE	265.45	650.07
				EFT FOR 03/14/17		91,616.52
				TOTAL EFT (Does not reflect administrative charges)		91,616.52

NEGOTIABLE CHECKS - Check amounts will be debited when payees cash checks. Funds must be available on check date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		<u>TOTAL</u>
03/15/17	WELLS FARGO BANK, NA	xxxxxx1358	Payroll	Check Amounts	19,021.13	
				TOTAL NEGOTIABLE CHECKS		19,021.13

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 03/15/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES - *Paychex does not remit these funds. You must ensure accurate and timely payment of applicable items.*

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
03/15/17	Refer to your records for account	Information	Payroll	Employee Deductions	
				Aflc/Col Post	66.65
				Aflc/Col Pre	293.85
				Calper 457	525.00
				DPer	6,954.87
				Health	1,474.95
				ICMA	2,719.00
				Life Ins	14.00
				Union dues	491.74
				Total Deductions	12,540.06

TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES (Does not reflect administrative charges) **12,540.06**

PAYCHEX WILL MAKE THESE TAX DEPOSIT(S) ON YOUR BEHALF - *This information serves as a record of payment.*

<u>DUE DATE</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	
03/22/17	Taxpay®	FED IT PMT Group	30,057.17
03/22/17	Taxpay®	CA IT PMT Group	5,003.25

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 03/29/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

TRANSACTION DETAIL

ELECTRONIC FUNDS TRANSFER - Your financial institution will initiate transfer to Paychex **at or after 12:01 A.M.** on transaction date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		BANK DRAFT AMOUNTS & OTHER TOTALS
03/28/17	WELLS FARGO BANK, NA	xxxxxx1358	Direct Deposit	Net Pay Allocations	52,232.83	52,232.83
03/28/17	WELLS FARGO BANK, NA	xxxxxx1358	Taxpay®	Employee Withholdings		
				Social Security	6,928.44	
				Medicare	1,620.34	
				Fed Income Tax	13,122.34	
				CA Income Tax	4,088.90	
				CA Disability	1,005.75	
				Total Withholdings	26,765.77	
				Employer Liabilities		
				Social Security	6,928.41	
				Medicare	1,620.34	
				Total Liabilities	8,548.75	35,314.52
03/28/17	WELLS FARGO BANK, NA	xxxxxx1358	401(k) Traditional	PXROTH 401 EEPO	2,048.78	
				PX401 EECU		
				PX401 ERMTCH		
				PXROTH 401 EECU		
				PX401 ERCUM		
				PX401 EEPRE	982.44	3,031.22
03/28/17	WELLS FARGO BANK, NA	xxxxxx1358	Section 125	PXDCA EE PRE	384.62	
				PXUME EE PRE	265.45	650.07
				EFT FOR 03/28/17		91,228.64
				TOTAL EFT (Does not reflect administrative charges)		91,228.64

NEGOTIABLE CHECKS - Check amounts will be debited when payees cash checks. Funds must be available on check date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		<u>TOTAL</u>
03/29/17	WELLS FARGO BANK, NA	xxxxxx1358	Payroll	Check Amounts	19,166.28	
				TOTAL NEGOTIABLE CHECKS		19,166.28

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 03/29/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES - *Paychex does not remit these funds. You must ensure accurate and timely payment of applicable items.*

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
03/29/17	Refer to your records for account	Information	Payroll	Employee Deductions	
				Advance	30.56
				Aflc/Col Post	11.31
				Aflc/Col Pre	160.52
				Calper 457	525.00
				DPer	7,065.50
				ICMA	2,744.00
				Life Ins	14.00
				Total Deductions	10,550.89

TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES (Does not reflect administrative charges) 10,550.89

PAYCHEX WILL MAKE THESE TAX DEPOSIT(S) ON YOUR BEHALF - *This information serves as a record of payment.*

<u>DUE DATE</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	
04/05/17	Taxpay®	FED IT PMT Group	30,219.87
04/05/17	Taxpay®	CA IT PMT Group	5,094.65

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 04/12/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

TRANSACTION DETAIL

ELECTRONIC FUNDS TRANSFER - Your financial institution will initiate transfer to Paychex **at or after 12:01 A.M.** on transaction date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		BANK DRAFT AMOUNTS & OTHER TOTALS
04/11/17	WELLS FARGO BANK, NA	xxxxxx1358	Direct Deposit	Net Pay Allocations	51,725.84	51,725.84
04/11/17	WELLS FARGO BANK, NA	xxxxxx1358	Taxpay®	Employee Withholdings		
				Social Security	6,701.32	
				Medicare	1,567.25	
				Fed Income Tax	12,210.22	
				CA Income Tax	3,751.04	
				CA Disability	972.80	
				Total Withholdings	25,202.63	
				Employer Liabilities		
				Social Security	6,701.32	
				Medicare	1,567.23	
				Total Liabilities	8,268.55	33,471.18
04/11/17	WELLS FARGO BANK, NA	xxxxxx1358	401(k) Traditional	PXROTH 401 EEPO	2,027.40	
				PX401 EECU		
				PX401 ERMTCH		
				PXROTH 401 EECU		
				PX401 ERCUM		
				PX401 EEPRE	1,008.18	3,035.58
04/11/17	WELLS FARGO BANK, NA	xxxxxx1358	Section 125	PXDCA EE PRE	384.62	
				PXUME EE PRE	265.45	650.07
				EFT FOR 04/11/17		88,882.67
				TOTAL EFT (Does not reflect administrative charges)		88,882.67

NEGOTIABLE CHECKS - Check amounts will be debited when payees cash checks. Funds must be available on check date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		<u>TOTAL</u>
04/12/17	WELLS FARGO BANK, NA	xxxxxx1358	Payroll	Check Amounts	17,254.26	
				TOTAL NEGOTIABLE CHECKS		17,254.26

CASH REQUIREMENTS

THIS REPORT SUMMARIZES YOUR PAYROLL TRANSACTIONS FOR THE CHECK DATE 04/12/17. IT DOES NOT REFLECT MISCELLANEOUS ADMINISTRATIVE CHARGES. PLEASE REFER TO YOUR INVOICE(S) FOR THE TOTAL CASH REQUIRED FOR THIS CHECK DATE.

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES - Paychex does not remit these funds. You must ensure accurate and timely payment of applicable items.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
04/12/17	Refer to your records for account	Information	Payroll	Employee Deductions	
				Aflc/Col Post	66.65
				Aflc/Col Pre	293.85
				Calper 457	525.00
				DPer	6,977.80
				Health	1,474.95
				ICMA	2,744.00
				Life Ins	14.00
				Union dues	491.74
				Total Deductions	12,587.99
TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES (Does not reflect administrative charges)					12,587.99

PAYCHEX WILL MAKE THESE TAX DEPOSIT(S) ON YOUR BEHALF - This information serves as a record of payment.

<u>DUE DATE</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	
04/19/17	Taxpay®	FED IT PMT Group	28,747.34
04/19/17	Taxpay®	CA IT PMT Group	4,723.84

**SAN LORENZO VALLEY WATER DISTRICT
BOARD MEETING MINUTES**

March 16, 2017

5:00 p.m.

CONVENE MEETING/ROLL CALL:

President Ratcliffe convened the meeting at 5:00 p.m.

Dir. Ratcliffe, Hammer, Smallman and Baughman were present. District Manager Lee, Director of Operations Rogers and Legal Counsel Hynes were also present. Director Bruce arrived at 5:03 p.m.

Bruce Holloway, Boulder Creek, addressed the Board.

ADJOURNMENT TO CLOSED SESSION:

President Ratcliffe adjourned to closed session at 5:04 p.m.

RECONVENE TO OPEN SESSION:

Pres. Ratcliffe reconvened the meeting to open session at 6:32 p.m.

REPORT ACTIONS TAKEN IN CLOSED SESSION:

No reportable actions in Closed Session.

ADDITIONS AND DELETIONS

District Manager Lee requested that Item 14i be added to the agenda.

A motion was made and passed to add Item 14i to the agenda by a vote of all in favor.

Pres. Ratcliffe requested that Item 14e be taken out of order.

ORAL COMMUNICATIONS:

J. Schneider, Lompico, E. Frech, Felton, D. Loewen, SLV Customer, L. Henry, Lompico, C. DeBert, Boulder Creek, J. Hendricks, Boulder Creek addressed the Board.

DISTRICT MANAGER REPORTS

E. Frech, Lompico and B. Holloway, Boulder Creek addressed the Board.

NEW BUSINESS:

14e WILDLIFE CONSERVATION CONJUNCTIVE USE GRANT AWARD

B. Kennedy, Ben Lomond and D. Loewen, Lompico addressed the Board.

CONSENT AGENDA:

Item 12c was pulled from the Consent Agenda.

A Motion to approve the Consent Agenda 12a, 12b, 12d and 12e by a vote of all in favor.

E. Frech, Felton, D. Loewen, Lompico and B. Fultz, Boulder Creek addressed the Board,

A motion was made to approve item 12c by a vote of all in favor.

UNFINISHED BUSINESS:

13a LOMPICO SURCHARGE

A motion was made to pull this item from consideration until clarification is received from the FPPC.

ROLL CALL:

Ayes:	Smallman, Baughman, Ratcliffe, Bruce
Noes:	Hammer
Abstain:	
Absent:	

L. Henry, Lompico, J. Schneider, Lompico, E. Frech, Felton and D. Loewen, Lompico addressed the Board.

NEW BUSINESS Cont.:

14a LAFCO ELECTION

Jim Anderson, Felton Fire Protection, addressed the Board.

A motion was made to vote for Jim Anderson for LAFCO regular member by a vote of all in favor.

A motion was made to vote for Rachel Lather for LAFCO alternate member by a vote of all in favor.

14b CSDA NOMINATIONS

No action taken.

14c LEAK ADJUSTMENT POLICY AMENDMENT

A motion was made to continue this item without discussion and to bring it back to the Board at a future meeting. All Board members voted in favor of the motion.

14d ENGINEERING COMMITTEE MEMBER

Dan Fitzpatrick, Boulder Creek and Mike Legg, Boulder Creek addressed the Board as applicants for the Engineering Committee.

A motion was made to approve Dan Fitzpatrick as the Engineering Committee public member.

ROLL CALL:

Ayes: Smallman, Baughman, Ratcliffe, Bruce
Noes: Hammer
Abstain:
Absent:

14f SCADA SOLE SOURCE PROCUREMENT

A motion was made to approve the Sole Source Procurement of the SCADA system by a vote of all in favor.

14g BULL BENNETT PIPELINE REPAIR

A motion was made to approve the Bull/Bennett pipeline repair by all in favor.

14h MULTIPLE VARIANCE REQUEST

A motion was made to approve the Multiple Variance request with retroactive repayment by all in favor.

14i FEMA AUTHORIZED AGENT DESIGNATION

A motion was made to approve the Authorized Agents designation by all in favor.

ADJOURNMENT:

President Ratcliffe adjourned the meeting at 9:24 p.m.

**SAN LORENZO VALLEY WATER DISTRICT
SPECIAL BOARD MEETING MINUTES**

March 22, 2017

5:00 p.m.

CONVENE MEETING/ROLL CALL:

President Ratcliffe convened the meeting at 5:00 p.m.

Dir. Hammer, Ratcliffe, Bruce, Smallman and Baughman were present. District Manager Lee was also present.

ORAL COMMUNICATIONS:

K. Brown, L. Henry, M. Messimer, K. Hill, N. Nicari, and M. Lee addressed the Board.

ADJOURNMENT TO CLOSED SESSION:

President Ratcliffe adjourned to closed session at 5:15 p.m.

RECONVENE TO OPEN SESSION:

Pres. Ratcliffe reconvened the meeting to open session at 6:48 p.m.

REPORT ACTIONS TAKEN IN CLOSED SESSION:

President Ratcliffe reported that the Board had voted that the District Manager had been given a satisfactory or better performance evaluation with a vote of 4 to 1 in favor, resulting in a 3.05% Cost of Living salary increase. Dir. Smallman was the one vote not in favor.

ADJOURNMENT:

President Ratcliffe adjourned the meeting at 6:58 p.m.

M E M O

TO: Board of Directors
FROM: District Manager
SUBJECT: FINANCIAL SUMMARY
DATE: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Financial Summary Report.

BACKGROUND:

Overview:

This section presents management's analysis of the San Lorenzo Valley Water District's (the District) financial condition and activities as of the above mentioned period. This information should be read in conjunction with the unaudited financial information that follows. For a complete review of a fiscal year, it is best to come back and look at the audited Annual Financial Report.

The District does a hard year end close, through that process there are yearend expenses that are booked at yearend and not represented in the monthly expenses. There may also be annual expenses paid upfront that could cause individual months to appear skewed. Data is continuously being reviewed, so it is not un-common for a prior month balance to change slightly throughout the year as accounts are reconciled. It is important to understand this in connection with the numbers that follow.

February 2017 consumption usage was the lowest this fiscal year at only 37,667 units. It is comparable to the same period last year. This is typically the lowest usage time of year we have.

February operations resulted in an Operating Income of \$11,108. February YTD has an Operating Loss of \$221,544, this number includes half a year of depreciation. Operations are continuing at managements expectations.

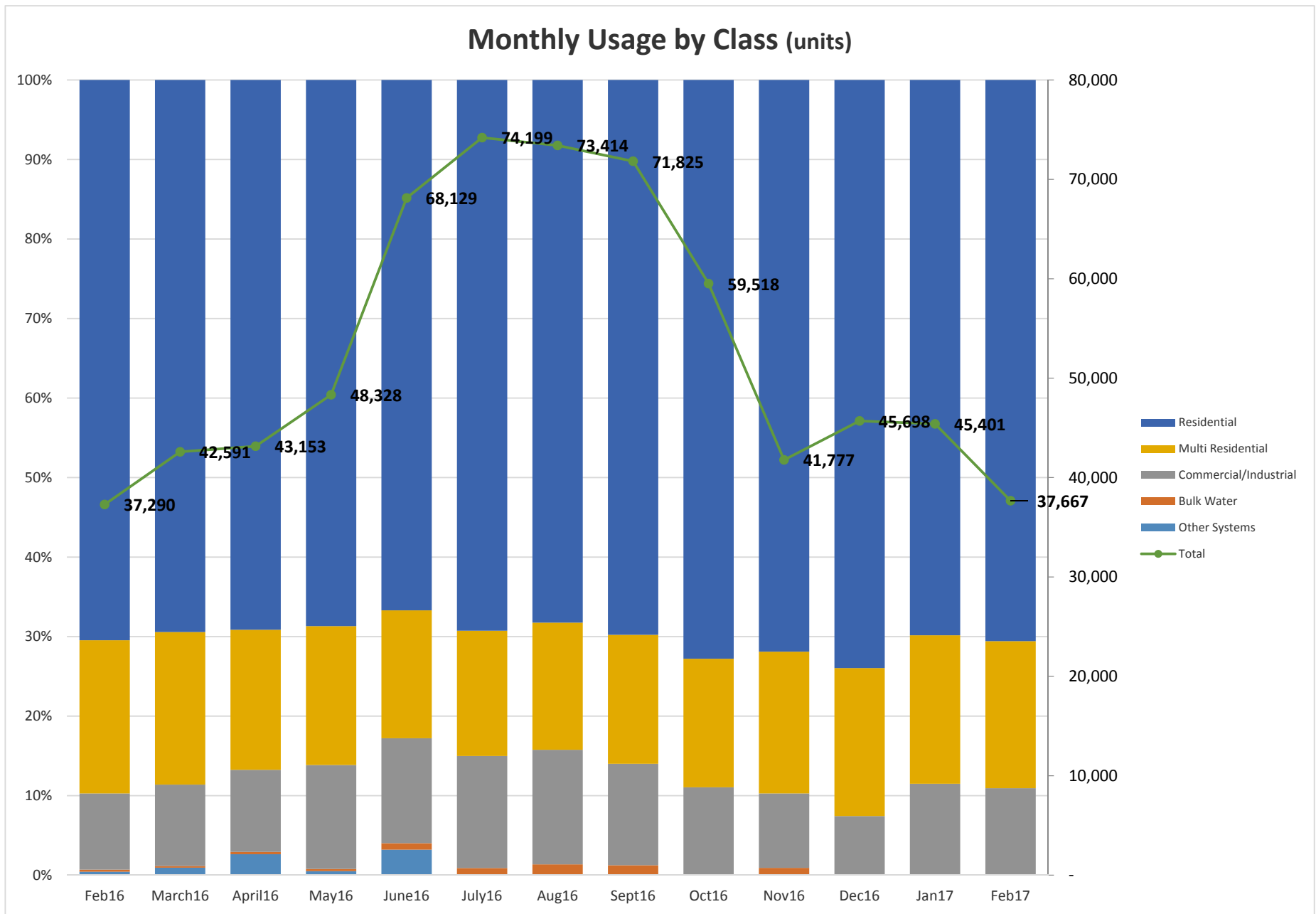
STRATEGIC PLAN: 5.1 Fiscal Plan for support of Strategy

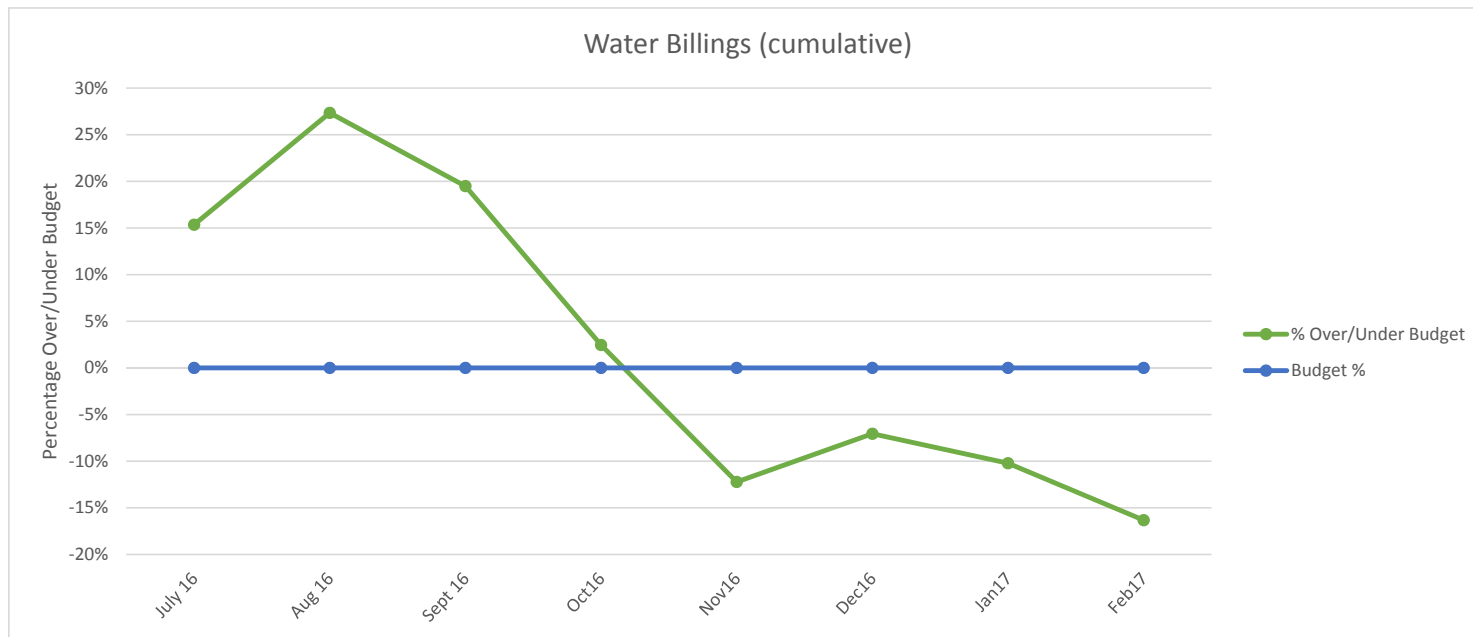
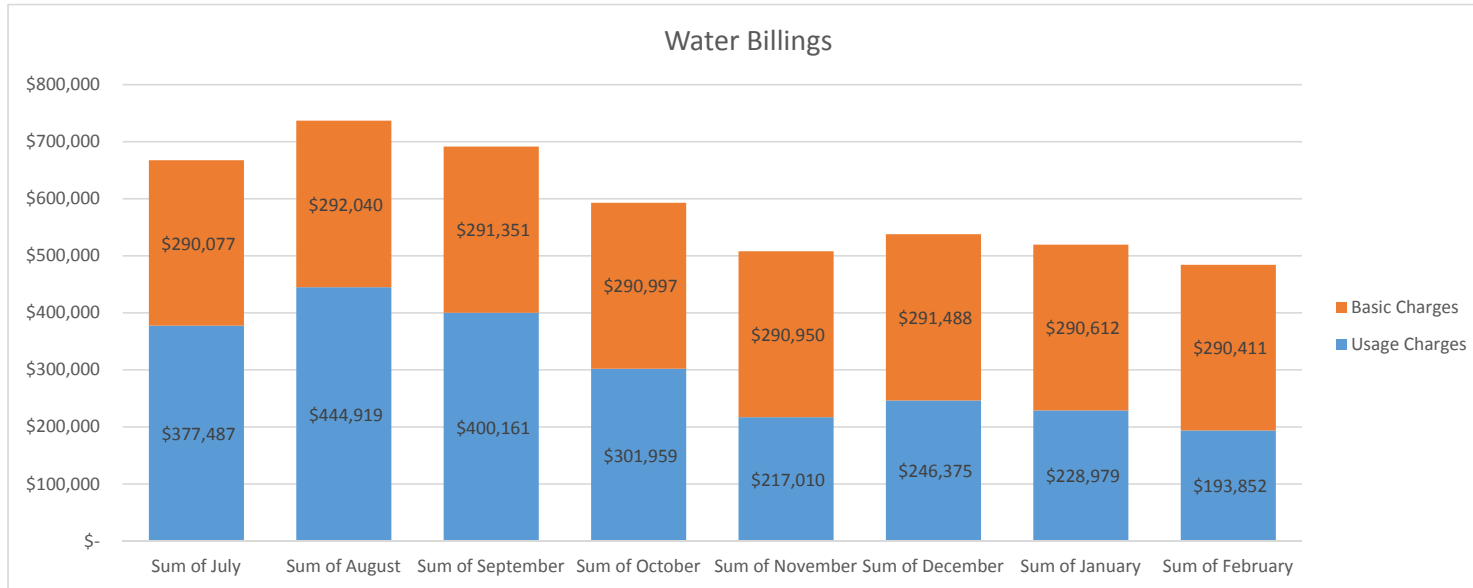
FISCAL IMPACT: none

OPERATING ANALYSIS [A]

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	YTD	ANNUAL BUDGET	% of Budget
OPERATING REVENUE											
Water Basic	290,077	292,040	291,351	290,997	290,950	291,488	290,612	290,411	2,327,927		
Water Usage	377,487	444,919	400,161	301,959	217,010	246,375	228,979	193,852	2,410,742		
Water Fees	7,100	6,325	6,660	2,435	4,600	4,680	6,060	5,565	43,425		
Water Misc	6,452	8,697	13,185	1,397	2,949	3,302	3,281	1,773	41,035		
Sewer	8,046	8,046	8,046	7,897	8,026	11,975	8,344	8,344	68,724		
Sewer Misc	-	-	-	-	-	-	-	-	-		
TOTAL OPERATING REVENUE	689,162	760,027	719,403	604,684	523,535	557,820	537,276	499,946	4,891,853	6,944,640	70.4%
OPERATING EXPENSES:											
Salaries & Benefits	577,959	375,342	284,121	396,642	276,479	276,380	288,360	302,002	2,777,285		
Materials & Services	13,725	280,631	657,675	198,655	229,919	578,756	189,918	186,835	2,336,112		
TOTAL OPERATING EXPENSES	591,683	655,973	941,796	595,297	506,398	855,135	478,278	488,837	5,113,398	8,365,760	61.1%
TOTAL OPERATING INCOME (LOSS)	97,479	104,054	(222,393)	9,388	17,137	(297,315)	58,998	11,108	(221,544)	(1,321,151)	16.8%

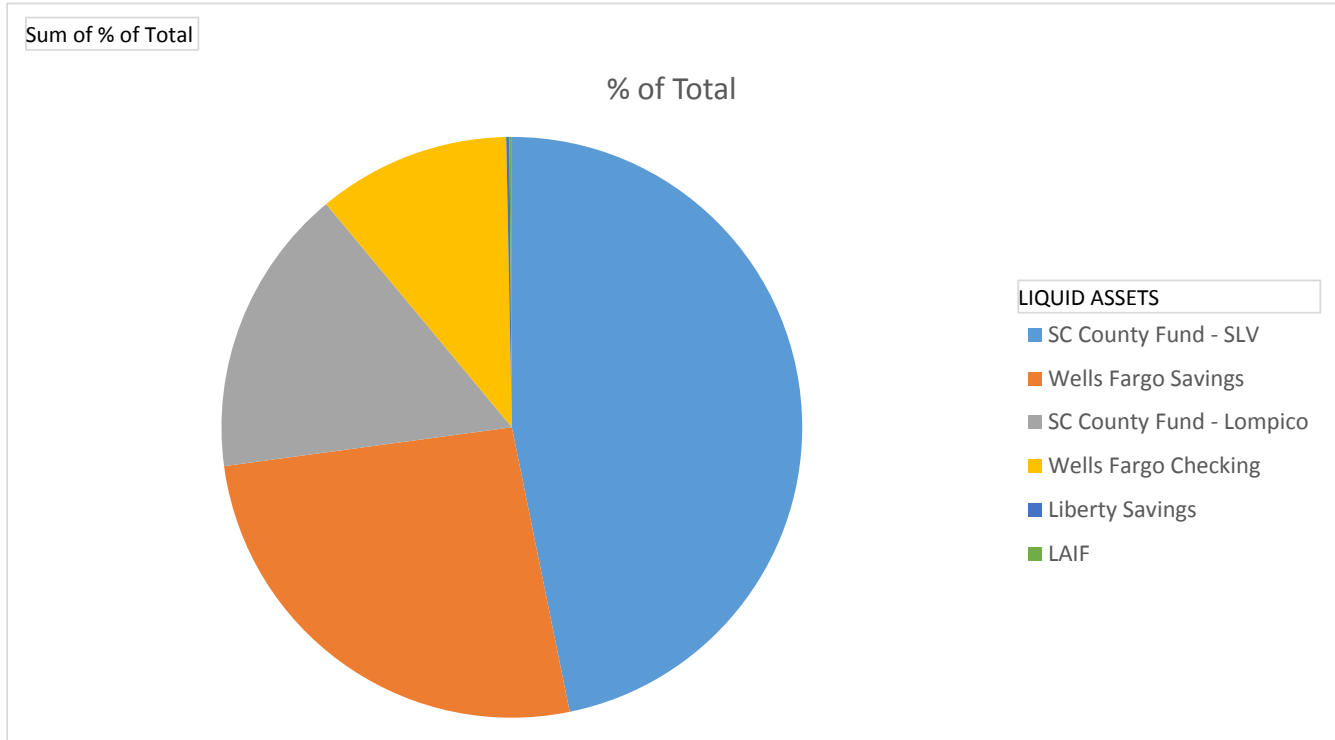
[A] As mentioned previously, monthly data can appear skewed due to the nature of entries. For example, estimated depreciation is booked quarterly on the last day of the quarter. Fiscal year end accruals and reversals are performed at once and may not coincide with the month the expense came in.





AS OF 2/28/17

LIQUID ASSETS	\$ Amount	% of Total	Ave Interest Rate
Wells Fargo Checking	269,729	10.7%	0.100%
Wells Fargo Savings	654,658	26.1%	0.150%
Liberty Savings	4,350	0.2%	0.150%
SC County Fund - SLV	1,175,976	46.8%	0.824%
SC County Fund - Lompico	404,323	16.1%	0.824%
LAIF	3,378	0.1%	0.654%
	<u>\$ 2,512,415</u>	<u>100%</u>	



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

[www.treasurer.ca.gov/pmia-
laif/laif.asp](http://www.treasurer.ca.gov/pmia-laif/laif.asp)
April 13, 2017

SAN LORENZO VALLEY WATER DISTRICT

DISTRICT MANAGER
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

[PMIA Average Monthly Yields](#)

[Tran Type Definitions](#)

February 2017 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	3,378.12
Total Withdrawal:	0.00	Ending Balance:	3,378.12

G/L Balances

Criteria: As Of = 2/28/2017; Fund = 76530, 76531, 35115

G/L Account	Title	Beginning Balance	Year-To-Date Debits	Year-To-Date Credits	End Balance
Fund 76530 -- SLV-LOMPICO WTR, EFF 6/2/16					
101	EQUITY IN POOLED CASH	217,734.66	186,587.85	0.00	404,322.51
102	IMPREST CASH	250.00	0.00	0.00	250.00
124	INVENTORIES	17,497.00	0.00	0.00	17,497.00
150	BOND ISSUANCE COST	2,125.00	0.00	0.00	2,125.00
161	LAND	34,820.00	0.00	0.00	34,820.00
162	STRUCTURES AND IMPROVEMENTS	3,658,470.00	0.00	0.00	3,658,470.00
163	ACCUM. DEPR - STRUCT & IMP	(2,579,523.00)	0.00	0.00	(2,579,523.00)
164	EQUIPMENT	75,283.00	0.00	0.00	75,283.00
201	VOUCHERS PAYABLE (VENDOR)	0.00	26.70	(26.70)	0.00
208	COMPENSATED ABSENCES	(7,232.05)	0.00	0.00	(7,232.05)
232	BONDS OUTSTANDING	(361,000.00)	0.00	0.00	(361,000.00)
234	OTHER LONG-TERM LIABILITIES	(110,789.96)	0.00	0.00	(110,789.96)
240	STALE DATED WARRANTS LIABILITY	(1,337.20)	0.00	(26.70)	(1,363.90)
302	FUND BAL-NONSPENDABLE INVENTOR	(17,497.00)	0.00	0.00	(17,497.00)
341	FUND BAL-NONSPENDABLE	(250.00)	0.00	0.00	(250.00)
343	FUND BAL-ASSIGNED	(2,191.57)	0.00	0.00	(2,191.57)
344	FUND BALANCE	(139,298.88)	0.03	(186,561.18)	(325,860.03)
349	INVESTMENT IN PROPRIETARY FIXE	(787,060.00)	0.00	0.00	(787,060.00)
Total Fund 76530		0.00	186,614.58	(186,614.58)	0.00
Fund 76531 -- SLV-LOMPICO WATER-DWR RES					
101	EQUITY IN POOLED CASH	12,305.00	0.00	0.00	12,305.00
344	FUND BALANCE	(12,305.00)	0.00	0.00	(12,305.00)
Total Fund 76531		0.00	0.00	0.00	0.00

G/L Balances

Criteria: As Of = 2/28/2017; Fund = 76644

<u>G/L Account</u>	<u>Title</u>	<u>Beginning Balance</u>	<u>Year-To-Date Debits</u>	<u>Year-To-Date Credits</u>	<u>End Balance</u>
Fund 76644 -- SAN LORENZO VALLEY WATER TRUST					
101	EQUITY IN POOLED CASH	828,328.63	347,647.79	0.00	1,175,976.42
220	DEFERRED CREDITS	(500,000.00)	0.00	0.00	(500,000.00)
344	FUND BALANCE	(328,328.63)	0.26	(347,648.05)	(675,976.42)
Total Fund 76644		<u>0.00</u>	<u>347,648.05</u>	<u>(347,648.05)</u>	<u>0.00</u>

MEMO

TO: Board of Directors

FROM: District Manager
PREPARED BY: Environmental Programs Manager

SUBJECT: Probation Tank Replacement Project - Public Hearing to Adopt Mitigated Negative Declaration

DATE: April 20, 2017

RECOMMENDATION

It is recommended that the Board of Directors review this memo and note the public comment period has opened for the Mitigated Negative Declaration and Initial Study for the Probation Tank Replacement Project.

BACKGROUND

The project is located at 3650 Graham Hill Road, east of the town to Felton (refer to Figure 1). The site lies on one 27.9-acre parcel identified as APN 061-371-16 (refer to Figure 2).

The site is partially developed with an existing water storage tank and graveled access road. Nearby is a telecommunications center (equipment shelter and monopole). Also, nearby is a SLVWD pump station, the Santa Cruz County Juvenile Probation Center, Michael Gray Field Park, and Ponderosa Camp. The site is located near the former Hanson Quarry. Single family residential uses occur southeast of the project (off Lockwood Lane in Scotts Valley) and northwest of the project (Mt. Hermon development area). An aerial photograph showing the project site and surrounding area is presented in Figure 3.

The existing water storage tank, hereinafter referred to as the Probation Tank, is accessed from a gated entrance on Graham Hill Road and a paved access road; the tank is located approximately 0.25 mile from Graham Hill Road in a wooded area. The tank holds water from a nearby well-field, which is pumped to the tank through existing above-ground pipes. The existing tank is a 100,000-gallon redwood tank, which was placed into service at this location in 1974. The water tank has been leaking for the past 5-8 years, due to damage from woodpeckers, insects, and weathering of the redwood.

Project Description:

Based on a Preliminary Design Report, the SLVWD has selected the proposed project as least environmentally disturbing and best value alternative. The project consists of constructing a 527,000- gallon welded steel water tank, an 8' wide maintenance access path around the tank, two retaining walls, drainage improvements and utility upgrades. The project also includes the relocation of an existing propane tank and relocating an access path to the existing telecommunications facility. The preliminary construction

cost estimate is \$1,400,000.

The purpose of this tank replacement is to provide for public health and safety. This tank provides the drinking water and fire fighting supply water to approximately 700 households with an average daily demand of nearly 300,000 gallons per day. The existing wood tank is in very poor condition and, in the opinion of the Engineer, has reached the end of its useful service life. Replacing the tank on this site is the least environmentally disturbing option given the mountainous setting and the supporting infrastructure including roads, power lines, pump stations and pipelines are already in place. Three temporary water tanks will be used on-site during construction, providing emergency water storage during the construction period.

The project would have a total disturbance envelope of 18,800 square feet (0.43 acre); which will include disturbance to approximately 1,700 square feet of existing developed area and 17,100 square feet of undeveloped area. The project will result in 8,520 square feet of impervious surface; temporary impacts from construction and construction staging will affect 12,520 square feet. The project will require 250 cubic yards of cut and 84 cubic yards of fill, with a net export of 166 cubic yards. Net import of 34 cu. yds. Grading is required to construct the retaining walls and concrete pad to support the new tank. The retaining walls will be constructed upslope and down slope of the new tank; the use of retaining walls will limit the amount of ground disturbance in addition to stabilizing the hill slope surrounding the tank. Soldier beam retaining walls, using steel vertical supports and horizontal timber lagging will be used. The vertical supports will be drilled in place; no pile driving will occur. The new water tank will be fabricated onsite; the tank will sit on a new foundation comprised on base rock, concrete and concrete curbing. An eight-foot wide concrete path will encircle the tank to provide maintenance access. A four-foot-wide pathway will be constructed on the northwestern side of the tank to provide access the nearby telecommunication facility. Power to the site and the telecommunication facility will be relocated from above-ground poles to an underground trench that will be located along the perimeter of the new tank. A storm drain will be placed near the northwestern side of the tank, near the location of an existing man-made swale; this drain will collect storm water runoff from the impervious surfaces and direct it into the existing man-made swale. Three trees will be removed to accommodate the new tank; these are three ponderosa pines (*Pinus ponderosa*) that are 38", 32", and 16" in diameter.

A limited amount of construction staging will occur near the tank site (i.e., tank welding equipment van, crane and tractor); however, all other construction equipment staging, equipment lay down areas, as well as construction worker parking will occur on an existing dirt road located southeast of the tank site. An area measuring 200 feet long by 20 feet wide (4,000 square feet) has been designated within the existing dirt road near the site to accommodate construction staging and worker parking. Equipment to be used is expected to include an excavator, crane, tractor, bobcat, roller compactor, mobile welder, concrete truck, and water truck. Figure 4 displays the construction access and staging areas.

Project Schedule

Construction of the project is scheduled to occur in 2018, between October 15 and April 15 (when water demand is lowest) and take up to 6 months to complete.

REQUIRED PERMITS

California Government Code Section 53091 (d) and (e) provides that facilities for the production, generation, storage, treatment, or transmission of water supplies are exempt from local (i.e., city and county) building and zoning ordinances. The project relates exclusively to the storage of water and is, therefore, legally exempt from Santa Cruz County building and zoning ordinances. However, the proposed project would require the following permits and/or approvals:

- **Incidental Take Permit** - An ITP from USFWS is required for the project, as the project is located in Zayante sandhills that support species protected under the Endangered Species Act of 1973 (ESA) Section 10a.
- **Biotic Approval** - A biotic approval is required from Santa Cruz County for the construction facilities pursuant to the Sensitive Habitat Protection Ordinance, Santa Cruz County Code Chapter 16.32 (Santa Cruz County 2012f), as the project located in sandhills habitat, a County-regulated sensitive habitat.

PUBLIC COMMENT PERIOD OPEN

The Notice of Intent to Adopt a Mitigated Negative Declaration (MND), with copies of the MND and the Board approved Initial Study (attached) has been distributed to the attached distribution list. A legal ad was posted in the Sentinel on April 13th. The public comment period opened on April 13th and will close May 18th, 2017 to satisfy the 30 days required by CEQA regulations. Following the close of the public comment period, the District will respond to any comments. A public hearing has been scheduled for May 18, 2017 to for the board to consider adoption of the Mitigated Negative Declaration. If approved, the MND will be submitted to the county the following week.

FISCAL IMPACT: \$1,800,000

2015 STRATEGIC PLAN:

Strategic Element 1.0 - Water Supply Management
Strategic Element 3.0 - Capital Facilities



PROBATION TANK REPLACEMENT PROJECT

3650 Graham Hill Road
Santa Cruz County

Initial Study

Mitigated
Negative Declaration



San Lorenzo Valley Water District
136060 Highway 9
Boulder Creek, CA 95006

March 8, 2017

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CHAPTER I INTRODUCTION AND PROJECT DESCRIPTION

INTRODUCTION

This Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared to evaluate the potential environmental effects of the proposed Probation Tank Replacement, located near Felton, in unincorporated Santa Cruz County, California. This document has been prepared in accordance with the California Environmental Quality Act (CEQA), Public Resources Code Section 21000 *et. seq.*, and the State CEQA Guidelines, California Code of Regulations (CCR) Section 15000 *et. seq.*

An Initial Study is conducted by a lead agency to determine if a project may have a significant effect on the environment [CEQA Guidelines Section 15063 (a)]. If there is substantial evidence that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) must be prepared, in accordance with CEQA Guidelines Section 15064(a). However, if the lead agency determines that revisions in the project plans or proposals made by or agreed to by the applicant mitigate the potentially significant effects to a less-than-significant level, a Mitigated Negative Declaration may be prepared instead of an EIR (CEQA Guidelines Section 15070(b)]. The lead agency prepares a written statement describing the reasons a proposed project will not have a significant effect on the environment and, therefore, why an EIR need not be prepared. This IS/MND conforms to the content requirements under CEQA Guidelines Section 15071.

The lead agency is the public agency with primary approval authority over the proposed project. The lead agency for the project is San Lorenzo Valley Water District.

PURPOSE AND DOCUMENT ORGANIZATION

The purpose of this document is to evaluate the potential environmental effects of the proposed Probation Tank Replacement, located near Felton, in unincorporated Santa Cruz County. Mitigation measures have been incorporated into the project as needed. This document is organized as follows:

Chapter I - Introduction and Project Description

This chapter includes the objectives, location, description, and implementation of the project.

Chapter II - Environmental Checklist

This chapter includes a description of the setting and a discussion of the environmental issues (Aesthetics, Agriculture and Forestry, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Transportation/Traffic, and Utilities and Services Systems). For each of these issues, the potential environmental impacts are identified. Mitigation measures are incorporated, where appropriate, to reduce the potential impacts to a less-than-significant level. This Chapter also includes the Mandatory Findings of Significance, which summarizes the overall significance of any potential impacts to natural and cultural resources, cumulative impacts, and impacts to human beings, as identified in the Initial Study.

Chapter III - Summary

This chapter provides a summary of the mitigation measures.

References

This section includes the references and sources used in the preparation of this IS/MND.

Report Preparation

This section provides a list of those involved in the preparation of this document.

Appendix A - Mitigation and Monitoring Reporting Program

This appendix includes the program for monitoring and reporting the revisions required in the project and the measures imposed to mitigate or avoid significant environmental effects.

PROJECT DATA

1. **Project Title:** Probation Tank Replacement
2. **Lead Agency Name and Address:**
San Lorenzo Valley Water District
136060 Highway 9
Boulder Creek, CA 95006
3. **Contact Person and Phone Number:**
Brian Lee, District Manager, (831) 430-4625
4. **Project Location:** 3650 Graham Hill Road, Felton, CA
5. **Project Sponsor's Name and Address:**
San Lorenzo Valley Water District
136060 Highway 9
Boulder Creek, CA 95006
6. **General Plan Designation:** County of Santa Cruz – Parks/Public Facilities
7. **Zoning:** County of Santa Cruz – Special Use
8. **Proposed Project:**
San Lorenzo Valley Water District (SLVWD) proposes to replace the old, leaking tank with a modern water storage tank sized to meet current water demands. Reviewing water use history (average daily demand), minimum fire flow requirements, and emergency storage needs, SLVWD determined the need for a 527,000-gallon welded steel water tank. Associated site improvements include an 8-foot wide maintenance access path around the base of the tank, retaining walls, drainage improvements, and utility upgrades. Three temporary water tanks will be used on-site during construction, providing emergency water storage during the construction period. The project also includes replacement of a maintenance-related footpath to the adjacent telecommunications facility.

PROJECT DESCRIPTION

Project Background

San Lorenzo Valley Water District (SLVWD) is a utility district which is located in the mountains of Northern Santa Cruz County, with offices in Boulder Creek. The SLVWD serves more than 7,800

metered connections. Established in 1941, the District supplies water to the communities of Boulder Creek, Brookdale, Ben Lomond, Zayante, Scotts Valley, Manana Woods, and Felton. Water is taken from deep water wells or from one of their Surface Water Treatment Plants and is distributed through a network of water lines totaling more than 150 miles. The district maintains several water storage tanks as part of their distribution system. The utility district is an entity of the State of California.

Project Location

The project is located at 3650 Graham Hill Road, east of the town to Felton (refer to Figure 1). The site lies on one 27.9-acre parcel identified as APN 061-371-16 (refer to Figure 2).

The site is partially developed with an existing water storage tank and graveled access road. Nearby is a telecommunications center (equipment shelter and monopole). Also, nearby is a SLVWD pump station, the Santa Cruz County Juvenile Probation Center, Michael Gray Field Park, and Ponderosa Camp. The site is located near the former Hanson Quarry. Single family residential uses occur southeast of the project (off Lockwood Lane in Scotts Valley) and northwest of the project (Mt. Hermon development area). An aerial photograph showing the project site and surrounding area is presented in Figure 3.

The existing water storage tank, hereinafter referred to as the Probation Tank, is accessed from a gated entrance on Graham Hill Road and a paved access road; the tank is located approximately 0.25 mile from Graham Hill Road in a wooded area. The tank holds water from a nearby well-field, which is pumped to the tank through existing above-ground pipes. The existing tank is a 100,000-gallon redwood tank, which was placed into service at this location in 1974. The water tank has been leaking for the past 5-8 years, due to damage from woodpeckers, insects, and weathering of the redwood.

Project Description

Based on a Preliminary Design Report, the SLVWD has selected the proposed project as least environmentally disturbing and best value alternative. The project consists of constructing a 527,000-gallon welded steel water tank, an 8' wide maintenance access path around the tank, two retaining walls, drainage improvements and utility upgrades. The project also includes the relocation of an existing propane tank and relocating an access path to the existing telecommunications facility. The preliminary construction cost estimate is \$1,400,000.

The purpose of this tank replacement is to provide for public health and safety. This tank provides the drinking water and fire fighting supply water to approximately 700 households with an average daily demand of nearly 300,000 gallons per day. The existing wood tank is in very poor condition and, in the opinion of the Engineer, has reached the end of its useful service life. Replacing the tank on this site is the least environmentally disturbing option given the mountainous setting and the supporting infrastructure including roads, power lines, pump stations and pipelines are already in place. Three temporary water tanks will be used on-site during construction, providing emergency water storage during the construction period.

The project would have a total disturbance envelope of 18,800 square feet (0.43 acre); which will include disturbance to approximately 1,700 square feet of existing developed area and 17,100 square feet of undeveloped area. The project will result in 8,520 square feet of impervious surface; temporary impacts from construction and construction staging will affect 12,520 square feet. The project will require 250 cubic yards of cut and 84 cubic yards of fill, with a net export of 166 cubic yards. Net import of 34 cu. yds. Grading is required to construct the retaining walls and concrete pad to support the new tank. The retaining walls will be constructed upslope and down slope of the new tank; the use of retaining walls will limit the amount of ground disturbance in addition to stabilizing

the hill slope surrounding the tank. Soldier beam retaining walls, using steel vertical supports and horizontal timber lagging will be used. The vertical supports will be drilled in place; no pile driving will occur. The new water tank will be fabricated onsite; the tank will sit on a new foundation comprised on base rock, concrete and concrete curbing. An eight-foot wide concrete path will encircle the tank to provide maintenance access. A four-foot-wide pathway will be constructed on the northwestern side of the tank to provide access the nearby telecommunication facility. Power to the site and the telecommunication facility will be relocated from above-ground poles to an underground trench that will be located along the perimeter of the new tank. A storm drain will be placed near the northwestern side of the tank, near the location of an existing man-made swale; this drain will collect storm water runoff from the impervious surfaces and direct it into the existing man-made swale. Three trees will be removed to accommodate the new tank; these are three ponderosa pines (*Pinus ponderosa*) that are 38", 32", and 16" in diameter.

A limited amount of construction staging will occur near the tank site (i.e., tank welding equipment van, crane and tractor); however, all other construction equipment staging, equipment lay down areas, as well as construction worker parking will occur on an existing dirt road located southeast of the tank site. An area measuring 200 feet long by 20 feet wide (4,000 square feet) has been designated within the existing dirt road near the site to accommodate construction staging and worker parking. Equipment to be used is expected to include an excavator, crane, tractor, bobcat, roller compactor, mobile welder, concrete truck, and water truck. Figure 4 displays the construction access and staging areas.

Project Schedule

Construction of the project is scheduled to occur in 2018, between October 15 and April 15 (when water demand is lowest) and take up to 6 months to complete.

REQUIRED PERMITS

California Government Code Section 53091 (d) and (e) provides that facilities for the production, generation, storage, treatment, or transmission of water supplies are exempt from local (i.e., city and county) building and zoning ordinances. The project relates exclusively to the storage of water and is, therefore, legally exempt from Santa Cruz County building and zoning ordinances. However, the proposed project would require the following permits and/or approvals:

- **Incidental Take Permit** – An ITP from USFWS is required for the project, as the project is located in Zayante sandhills that support species protected under the Endangered Species Act of 1973 (ESA) Section 10a.
- **Biotic Approval** - A biotic approval is required from Santa Cruz County for the construction facilities pursuant to the Sensitive Habitat Protection Ordinance, Santa Cruz County Code Chapter 16.32 (Santa Cruz County 2012f), as the project located in sandhills habitat, a County-regulated sensitive habitat.

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages.

- | | | |
|--|---|--|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture & Forestry Resources | <input type="checkbox"/> Air Quality |
| <input checked="" type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Geology, Soils & Seismicity |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology & Water Quality |
| <input type="checkbox"/> Land Use & Land Use Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population & Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation & Traffic | <input type="checkbox"/> Utilities & Service Systems | <input checked="" type="checkbox"/> Mandatory Findings of Significance |

Determination

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

Date

Brian C. Lee, District Manager
San Lorenzo Valley Water District

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

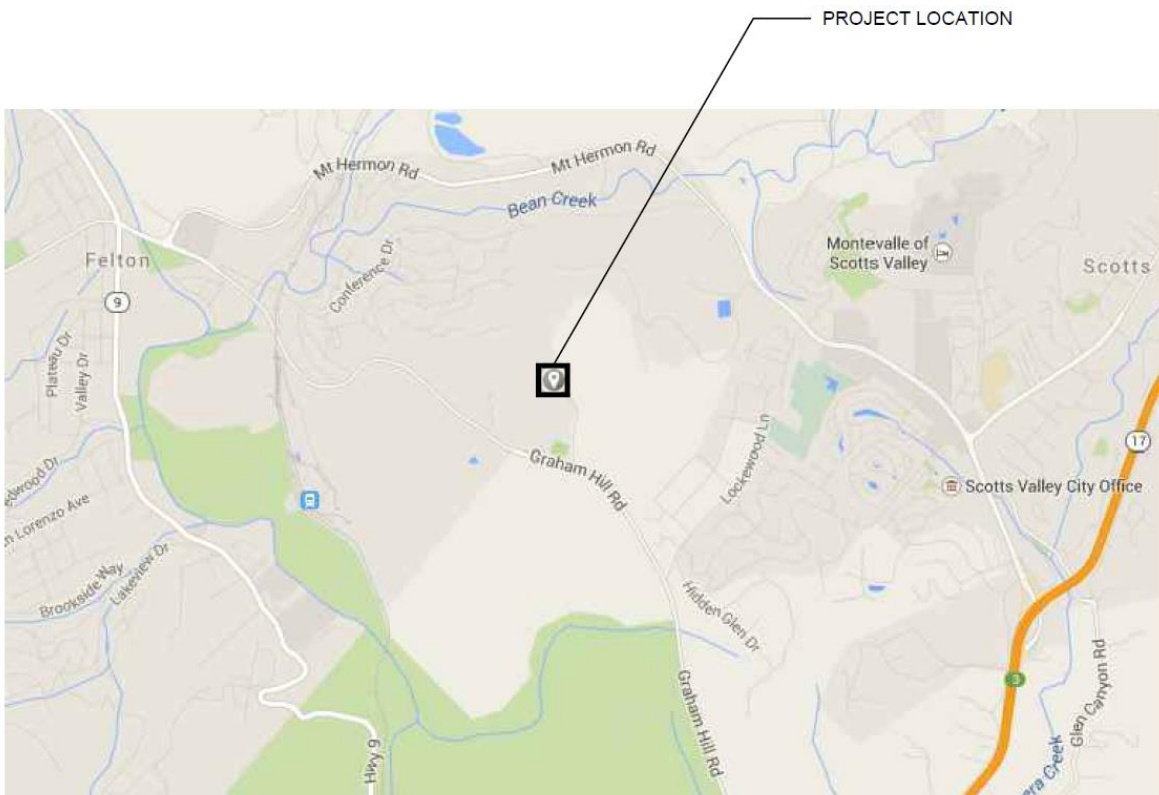
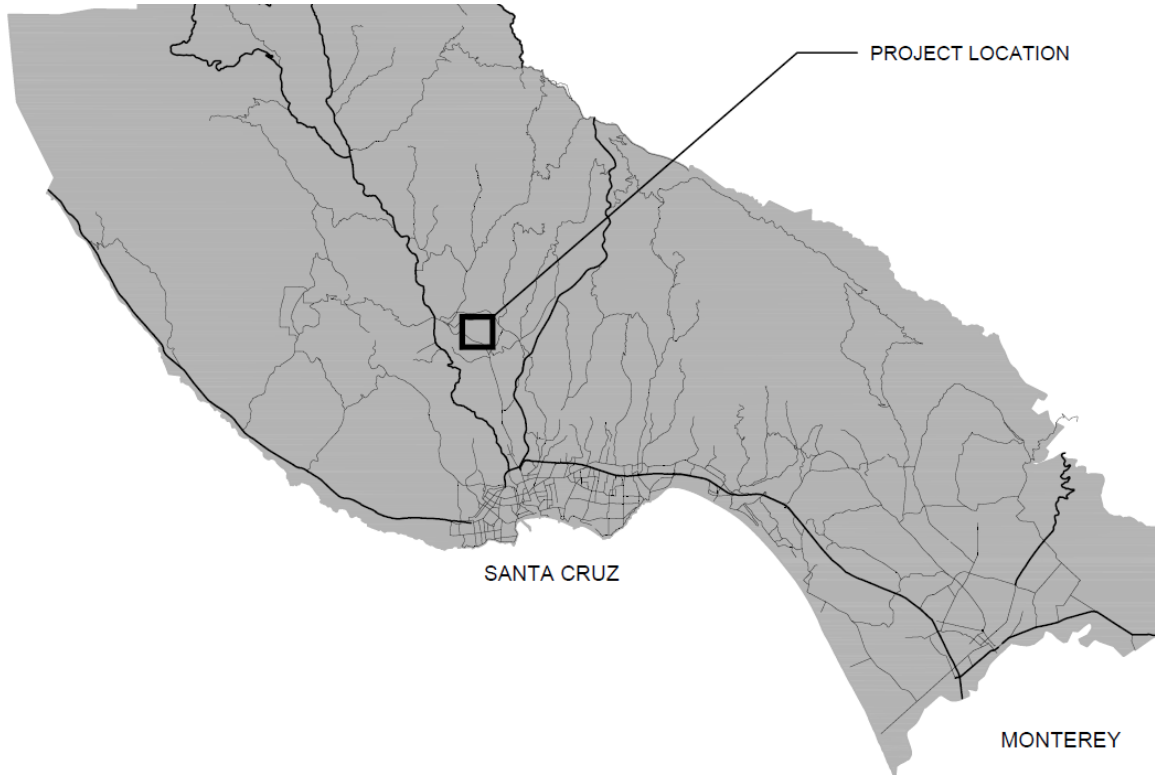


FIGURE 1
REGIONAL LOCATION MAP

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

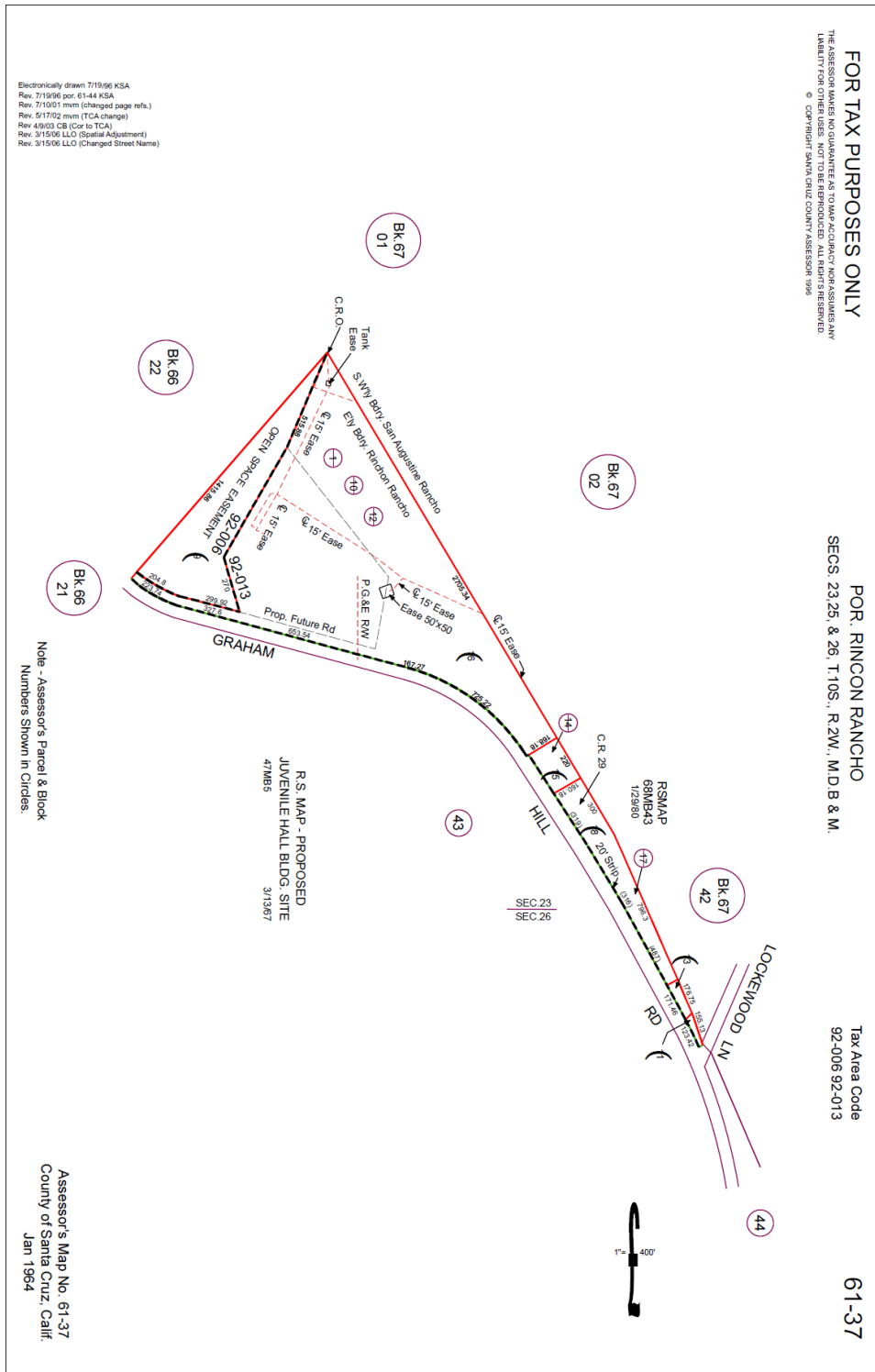


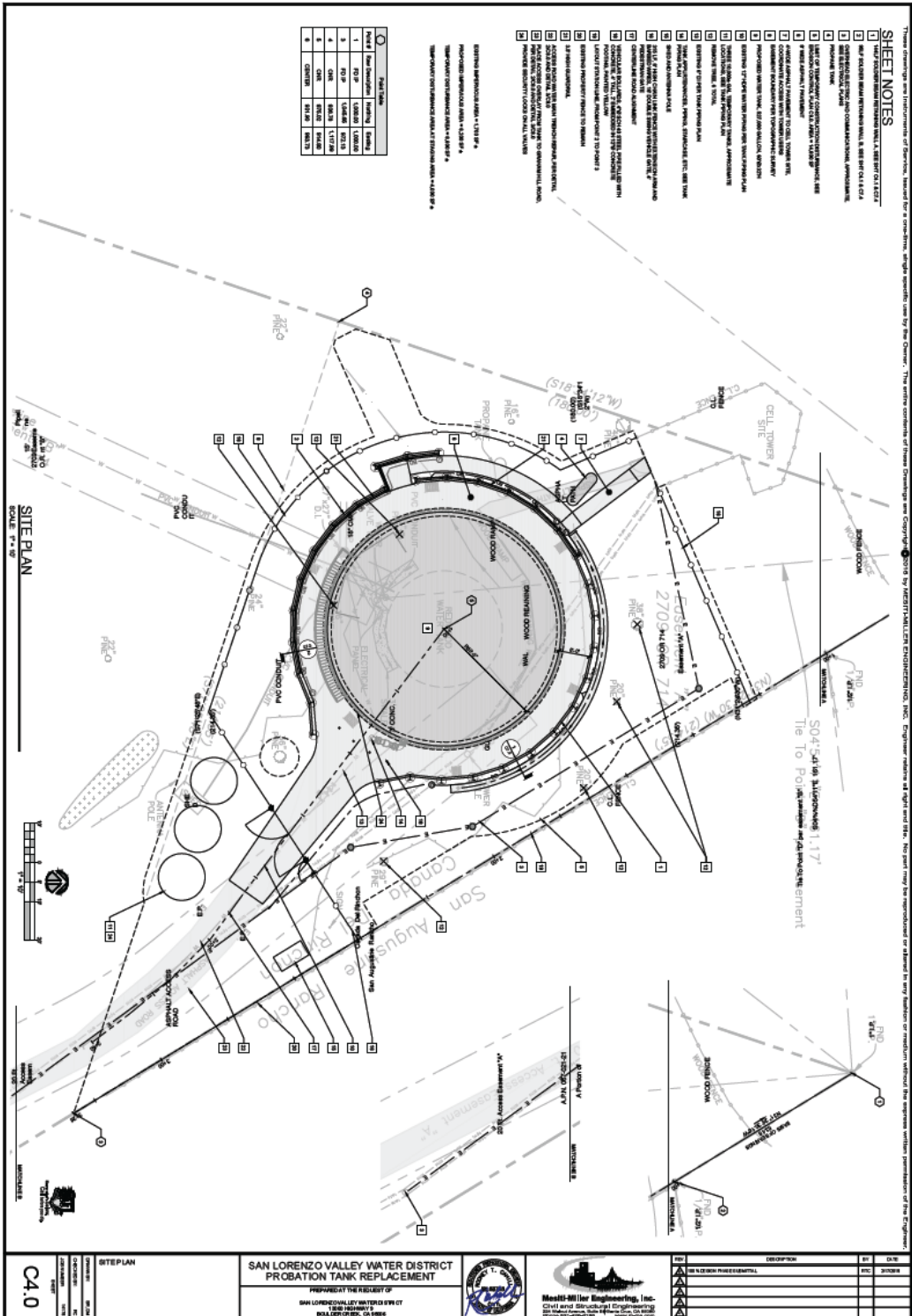
FIGURE 2
ASSESSORS PARCEL MAP

PROBATION TANK REPLACEMENT IS/MIND
SAN LORENZO VALLEY WATER DISTRICT



FIGURE 3
AERIAL PHOTOGRAPH OF APN 061-371-16

PROBATION TANK REPLACEMENT IS/MIND
SAN LORENZO VALLEY WATER DISTRICT



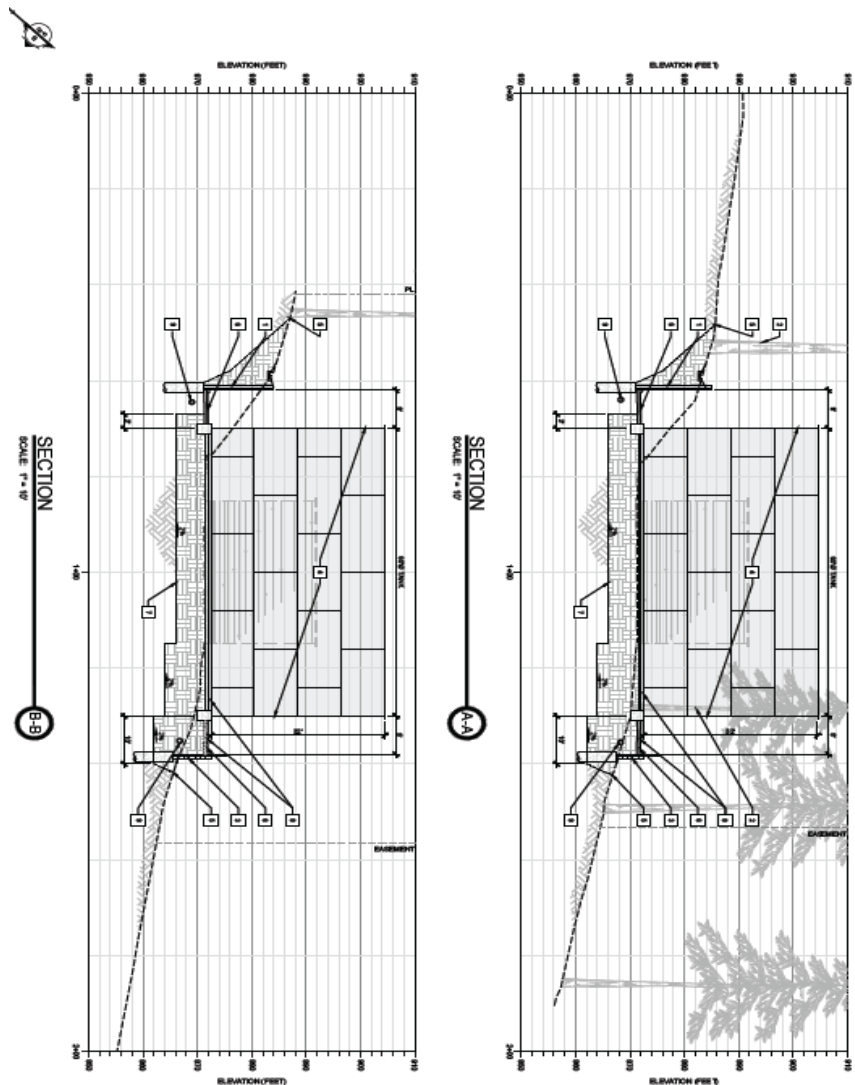
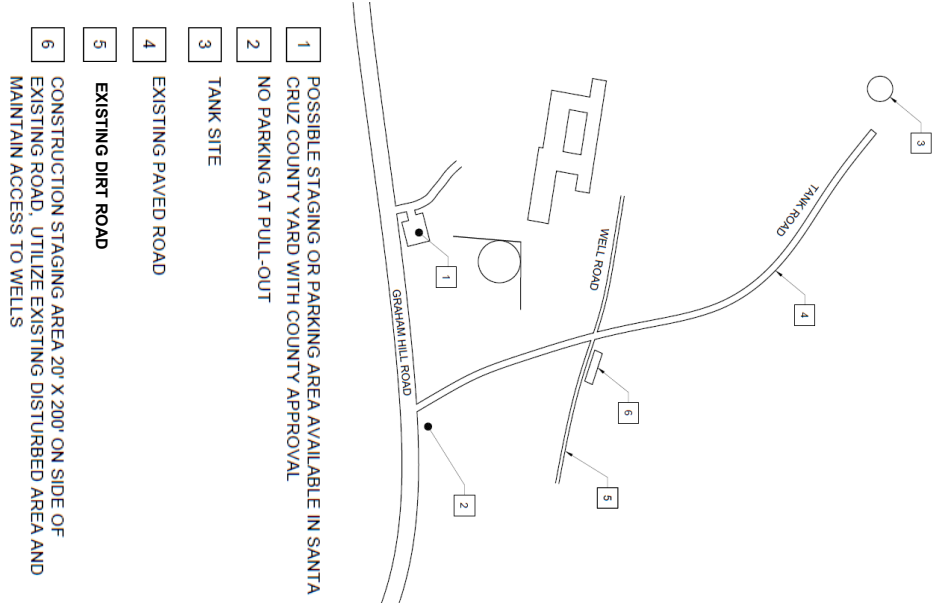


FIGURE 5
CONSTRUCTION ACCESS, CONSTRUCTION STAGING AND ELEVATIONS

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

FIGURE 6
SITE PHOTOS



Figure 6A. Entrance to site from Graham Hill Road, looking northerly.



Figure 6B. View of existing paved access road between Graham Hill Road and Probation Tank, near existing SLVWD pump station, looking northerly.



Figure 6C. View of paved access road; existing tank in background amid trees, looking northwesterly.

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT



Figure 6D. View of existing Probation Tank, looking northwesterly.

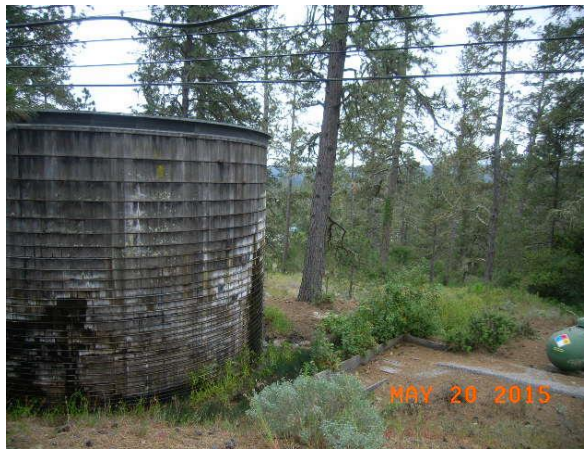


Figure 6E. View of northern side of existing Probation Tank, showing adjacent ponderosa pine forest, looking southeasterly.



Figure 6F. View of man-made swale that receives water from leaking water tank.

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

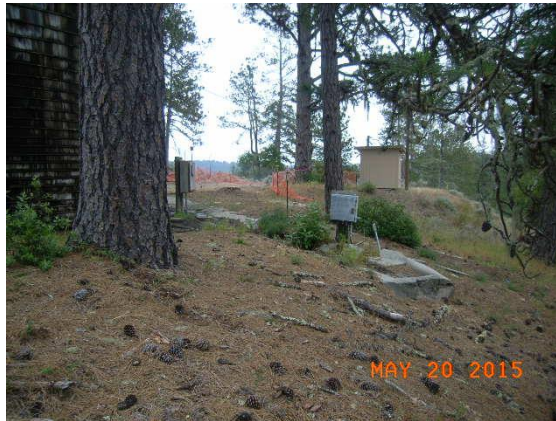


Figure 6G. View of southern side of existing Probation Tank, showing location of proposed down slope retaining wall, looking southeasterly.

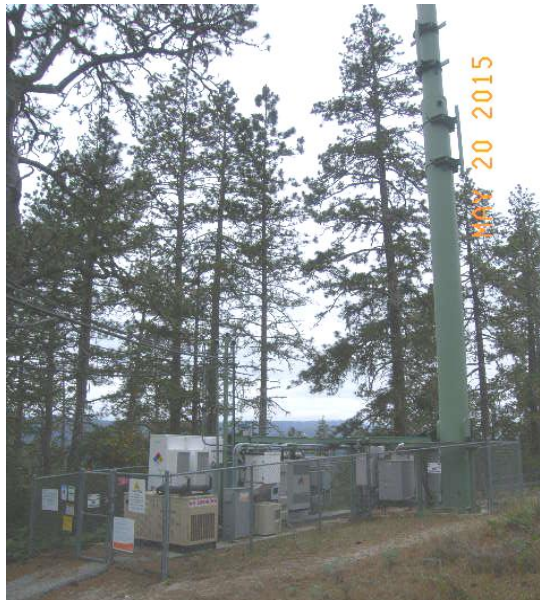


Figure 6H. View westerly of existing telecommunication facility near Probation Tank site.



Figure 6I. View easterly showing proposed construction staging area within existing dirt road.

CHAPTER II ENVIRONMENTAL CHECKLIST

I. AESTHETICS

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

Under California Government Code Section 53091, the project would be exempt from local (i.e., county) building and zoning ordinances, as the project relates exclusively to storage of water (California State Legislature 2012a). However, while non-binding, the Santa Cruz County General Plan provides general guidance in the evaluation of scenic vistas, scenic resources, and visual character in response to the Initial Study Checklist questions in this section. Santa Cruz General Plan Policy 5.10.1 defines “visual resources” as areas having regional public importance for their natural beauty or rural agricultural character, such as vistas from designated scenic roads, coastal special scenic areas, and unique hydrologic, geologic and paleontological features. Scenic resource policies in the Santa Cruz County General Plans emphasize that new development must preserve existing viewsheds and be integrated into the surrounding natural setting through architectural design and vegetative buffers (Santa Cruz County Planning Department 1994).

- a) **No Impact.** The project site supports a wooded pine forest yet does not afford views of any scenic vistas nor is the site visible from a scenic vista. The project site presently supports a 100,000-gallon redwood water storage tank that is approximately 20 feet in height. It is not visible from any public roads; the pine forest blocks views to the tank site from Graham Hill Road. The proposed replacement tank will be larger (capacity of 527,000 gallons) and slightly taller (32 feet in height) and will be painted a tan color. This structure would not be visible from any public road and will not affect any scenic vista to or from the site.
- b) **No Impact.** The project is located along Graham Hill Road; this road is not a State scenic highway. The pine forest growing along Graham Hill Road provides a scenic resource; however, the proposed replacement water tank will not be visible from Graham Hill Road.

PROBATION TANK REPLACEMENT IS/MND
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- The existing ponderosa pine forest located between Graham Hill Road and the replacement tank would remain and, therefore, the project would be not damage any scenic resources.
- c) **No Impact.** The project will replace an existing redwood water tank with a tan-painted steel tank. The project will require the removal of three ponderosa pine trees; however, the visual quality of the site will not be substantially changed as there are several hundred trees in the project vicinity that will continue to screen the tank from views. The new tan-colored tank would not substantially degrade the visual character or quality of the site or the surroundings.
 - d) **No Impact.** The project does not have any exterior lighting; therefore, the project will not create a source of light or glare that may affect day or nighttime views in the area.

II. AGRICULTURE AND FORESTRY RESOURCES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>AGRICULTURE AND FORESTRY RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:</p>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to a non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in the conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project site and adjacent areas are not used for agriculture and the project site is not identified as prime farmland, unique farmland, or farmland of state importance. The project would involve replacement of an existing water tank and would not convert the land from farmland to a non-agricultural use.

- b) **No Impact.** The project site is not zoned for agricultural use and does not contain lands under the Williamson Act contract; therefore, no conflicts with existing zoning or a Williamson Act contract would occur.
- c) **No Impact.** The project site is located on land with a special use zoning. Although the project area supports ponderosa pine forest, the land is not in a timber harvest area. The proposed project would not conflict with existing zoning for, or cause rezoning of, forest or timber lands.
- d) **No Impact.** Although the project area supports ponderosa pine forest, the land is not in a timber harvest area. The proposed project would not result in the loss of forest land or conversion of forest land to a non-forest use.
- e) **No Impact.** The project site is the renovation of an existing water tank site. The project will not result in other changes that could result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use.

III. AIR QUALITY

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project site is located within the jurisdiction of the Monterey Bay Unified Air Pollution Control District. The Air Quality Management Plan for the Monterey Bay Region was first prepared in 1991 in response to the California Clean Air Act of 1988. The current applicable plan is the 2008 Air Quality Management Plan. The project involves replacement of an existing water storage tank to serve existing water customers and to provide emergency water and would not result in a new use or increased population. The replacement tank is larger to accommodate existing demand and to provide additional fire protection and emergency storage. The project would not conflict with the existing air quality management plan.
- b-c) **Less Than Significant Impact.** The project site is located within the North Central Coast Air Basin (NCCAB), which is under the jurisdiction of the Monterey Bay Unified Air Pollution Control District (MBUAPCD). The Environmental Protection Agency (EPA) is the federal agency responsible for establishing standards and emission limits for sources of air pollutants. The California Air Resources Board (CARB) is the State agency responsible for coordinating both State and federal air pollution programs within California. CARB has established more stringent air quality standards for California.

In 1997, the basin was re-designated from a moderate non-attainment area for Federal standards to a maintenance/attainment area. The basin is presently in attainment for the Federal fine particulate matter (PM₁₀), ozone, nitrogen dioxide, sulfur dioxide, and carbon monoxide standards, and is unclassified or in attainment for the Federal PM₂₅ and lead standards. The basin is classified as non-attainment for the State 1-hour ozone and PM₁₀ standards. The basin is in attainment for all other state standards, except for carbon monoxide which for which it is unclassified.

The MBUAPCD has developed the *CEQA Air Quality Guidelines* as an advisory document to provide recommended procedures for analyzing air quality impacts within the North Central Coast Air Basin. MBUAPCD guidelines indicate that construction activities that generate 82 pounds per day (ppd) of fine particulate matter (PM₁₀) would have a significant impact on local air quality when they are located nearby and upwind of sensitive receptors. According to MBUAPCD Guidelines, projects requiring minimal earthmoving on 8.1 or more acres per day, or grading and excavation on 2.2 or more acres per day are likely to exceed this threshold and a detailed PM₁₀ analysis is required. The project involves excavation and grading of an approximately 0.43-acre area; this area is less than the MBUAPCD screening threshold which requires a detailed analysis. In addition, there are no congested intersections (as defined in the thresholds for CO hotspots) in the project vicinity that would be exacerbated by project traffic. Project construction activities would result in a short-term increase in equipment and truck emissions at the project site over an approximately 6-month period. Best Management Practices will be implemented during construction to minimize the potential impacts due to dust created during construction (see item d). Thus, no significant dust generation or PM₁₀ emissions impacts would be expected to occur in the vicinity of the project site during construction activities.

The project would require the temporary use of equipment for excavation, grading, construction, and transport of materials which would generate air emissions. The temporary short-term nature of the construction emissions would be less-than-significant and would not result in any criteria air pollutant emissions at a level that would violate any air quality standard or contribute substantially to any air quality violations. According to the MBUAPCD construction projects using typical construction equipment that temporarily emit precursors of ozone [i.e., volatile organic compounds (VOC) or NO_x], are accommodated in the emission inventories of State- and federally-required air plans and would not have a significant impact on the attainment and maintenance of ozone Ambient Air Quality Standards. The temporary construction-related impacts would not result in a cumulatively considerable pollutant. The water tank facility is unmanned. The project will not cause an increase in motor vehicle trips to the water tank for maintenance or operations.

- d) **Less Than Significant Impact.** Under CEQA, residences, schools, daycare centers, and health care facilities, such as hospitals, or retirement and nursing homes, are considered sensitive receptors. Sensitive receptors located in the vicinity of the project site include residential uses to the northwest (Mt. Hermon area), Ponderosa Camp (Mt. Hermon Association facility), the Juvenile Detention Center (Santa Cruz County facility), and Michael Gray Field Park (County Park). The Juvenile Detention Center and Michael Gray Field Park are located within 0.25 mile of the construction site. These sensitive receptors may be temporarily exposed to dust and diesel engine exhaust during the construction period due to the operation of construction equipment. It is anticipated that construction will require the use of several construction vehicles, including heavy equipment, such as a bobcat, tractor,

concrete mixer, crane, and excavator, and possibly utility trucks, that would be located within the project site at any given time (some or all of which would be active); however, these emissions would be minor and would not exceed the MBUAPCD's significance thresholds due to the limited size (0.43 acre) of the project and implementation of construction period best-management-practices (BMPs) as required by the MBUAPCD. Standard construction BMPs include

- Water all active construction areas at least twice daily,
- Cover all trucks hauling soil, sand, or other loose materials or require all trucks to maintain at least two feet of freeboard,
- Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved roads, parking areas, and staging areas at construction sites,
- Sweep daily all paved access roads, parking areas if visible soil material is carried onto adjacent public streets.

The project which would not result in stationary emissions or result in a substantial increase in traffic-related pollutant concentrations that could affect sensitive receptors.

- e) **No Impact.** A water storage tank is not a land use typically associated with objectionable odors. Equipment used for construction activities may emit objectionable odors associated with diesel fuel. The construction activities requiring diesel fueled equipment would be short-term. The project would not result in an impact to a substantial number of people.

IV. BIOLOGICAL RESOURCES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or State habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

The vegetation within the project area is dominated by ponderosa pine forest. There are no drainages, riparian, or wetland features, with the exception of a man-induced wet swale at the base of the existing leaking water tank. The soils within the project area are mapped as Zayante coarse sands, 5-30 percent slopes (182) (Soil Survey of Santa Cruz County, USDA/NRCS). The project area is located within Santa Cruz County outside the urban services line.

An assessment of the biotic resources of the project area was conducted by Kathleen Lyons of Biotic Resources Group in May and June 2015, wherein the project area was walked and biological resources noted. Previous reports for the project area were also reviewed, including the recent biological report prepared for the Scotts Valley Multi-Agency Regional Intertie Project (URS, 2013). Data bases maintained by California Department of Fish and Wildlife (CDFW, CNDDDB) were reviewed for the Felton quadrangle and adjacent quadrangles (see Tables 1 and 2). Dr. Jodi McGraw, ecologist and

principal of Jodi McGraw Consulting conducted an evaluation of special status species within the sandhills and prepared a Habitat Conservation Plan for submittal to the U.S. Fish and Wildlife Service. Additionally, presence-absence surveys were performed for special-status sandhills plants during the May and June 2015 surveys by Kathleen Lyons and Jodi McGraw. The focus of these assessments was to identify existing conditions and sensitive biotic resources that may be affected by the proposed project and identify measures to avoid, minimize, or mitigate for potential impacts.

Ponderosa Pine Forest. The project area, including the existing construction access road from Graham Hill Road, supports ponderosa pine forest. The forest is characterized by the presence of ponderosa pines (*Pinus ponderosa*); associated tree species include coast live oak (*Quercus agrifolia*) and madrone (*Arbutus menziesii*). The understory is characterized by areas of dense shrubs intermixed with areas of grasses and forbs. Shrubs species include brittle-leaved manzanita (*Arctostaphylos tomentosa* var. *crustacea*), Bonny Doon manzanita (*Arctostaphylos silvicola*), sticky monkey flower (*Diplacus aurantiacus*) poison oak (*Toxicodendron diversilobum*), coffee berry (*Frangula californica*), and silver bush lupine (*Lupinus albifrons*). Herbaceous plant species observed in spring/summer 2015 include California poppy (sandhill ecotype) (*Eschscholzia californica* var. *maritima*), Ben Lomond buckwheat (*Eriogonum nudum* var. *decurrens*), skunkweed (*Navarretia squarrosa*), bracken fern (*Pteridium aquilinum*), cudweed (*Gnaphalium* sp.), ripgut brome (*Bromus diandrus*), sand mat (*Cardionema ramosissimum*), deerweed (*Acmispon glaber*), and Ben Lomond spineflower (*Chorizanthe pungens* var. *hartwegiana*). The vegetation immediately around the existing water tank supports ponderosa pine trees that cast a dense shade. Vegetation is sparse in this area and includes silver bush lupine, coffee berry, fiddle dock (*Rumex acetosella*), bracken fern, deerweed, ripgut brome, English plantain, and Ben Lomond buckwheat.

Common wildlife species expected to use the site include acorn woodpecker (*Melanerpes formicivorus*), Nuttall's woodpecker (*Picoides nuttallii*), downy woodpecker (*Picoides pubescens*), olive-sided flycatcher (*Contopus borealis*), Pacific-slope flycatcher (*Empidonax difficilis*), western scrub-jay (*Aphelocoma californica*), California quail (*Callipepla californica*), chestnut-backed chickadee (*Poecile rufescens*), white-breasted nuthatch (*Sitta carolinensis*), Bewick's wren (*Thryomanes bewickii*), include western fence lizard (*Sceloporus occidentalis*), wrentit (*Chamaea fasciata*), blue-gray gnatcatcher (*Polioptila caerulea*), California thrasher (*Taxostoma redivivum*), California towhee, fox sparrow (*Passerella iliaca*), white-crowned sparrow (*Zonotrichia leucophrys*), golden-crowned sparrow (*Zonotrichia atricapilla*), brush rabbit (*Sylvilagus bachmani*), brush mouse (*Peromyscus boylii*), and pinyon mouse (*Peromyscus truei*). Manzanita provides an important nectar source for Anna's (*Calypte anna*) and Allen's hummingbirds (*Selasphorus sasin*). Although not observed during the site assessment, the Zayante sandhills are also documented to support special status wildlife, including Zayante band-winged grasshopper (*Trimerotropis infantilis*), Mount Hermon June beetle (*Polyphylla barbata*) and Santa Cruz kangaroo rat (*Dipodomys venustus venustus*). These species are discussed in more detail below.

Sensitive Habitats and Species

Sensitive habitats are defined by local, State, or Federal agencies as those habitats that support special status species, provide important habitat values for wildlife, represent areas of unusual or regionally restricted habitat types, and/or provide high biological diversity.

CDFW classifies and ranks the State's natural communities to assist in the determining the level of rarity and imperilment. Vegetation types are ranked between S1 and S5. For vegetation types with ranks of S1-S3, all associations within the type are considered to be highly imperiled. If a vegetation alliance is ranked as S4 or S5, these alliances are generally considered common enough to not be of

concern; however, it does not mean that certain associations contained within them are not rare (CDFG, 2007 and 2010). The project site supports ponderosa pine forest that is ranked S4; S4 communities are typically not considered to be considered as habitats of special concern under CEQA; however, given the locally unique characteristics of the Zayante sandhills, ponderosa pine forests in the Santa Cruz Mountains are of special concern. The sandy soil supports communities that contain endemic plant and animal species, several of which have been listed as federally endangered owing to their small geographic range, narrow habitat specificity, and threats to their remaining occurrences. The conditions of sandhills habitat at the project site range from intact (undisturbed forested areas) to highly degraded (existing tank site and access road) as a result of historic land uses. Due to its large size and location with respect to other public and protected sandhills habitat, such as conserved sandhills in Henry Cowell Redwoods State Park, the Graham Hill sandhill region has been identified as important for conservation of the endangered species and communities.

Plant species of concern include those listed by either the Federal or State resource agencies as well as those identified as rare by CNPS (List 1B). The search of the California Native Plant Society (CNPS) Rare Plant Inventory and CNDDDB identified the special status plant species with potential to occur in the project area. Special status plant species have been recorded in the CNDDDB as occurring within the immediate project area and three species (Ben Lomond spineflower [federally endangered, CNPS List 1B], Ben Lomond buckwheat [CNPS List 1B], and Bonny Doon manzanita [CNPS List 1B]) were observed within the ponderosa pine forest in the project area. The project area was not found to support Ben Lomond wallflower (*Erysimum teretifolium*) (Federally Endangered, California Endangered; CNPS List 1B). All species evaluated for potential occurrence within the proposed project area as per CNDDDB and CNPS records are listed on Table 1.

Ben Lomond spineflower is a federally endangered small herbaceous annual that is a member of the knotweed family (Polygonaceae). It generally grows in areas that are bare or sparsely vegetated in the sandhills. It typically flowers April through June. Multiple plants frequently grow in large patches. Because of its diminutive size the spineflower is susceptible to competition with invasive annual grasses and forbs, increased cover of thatch, and other vegetation changes that block sunlight at ground level (Baldwin 2012). Patches of Ben Lomond spineflower were observed in the project area. All spineflower patches, except one, are located outside the proposed disturbance area. One patch is located between the access road and the Hansen Quarry fence in an area proposed for equipment staging (equipment van).

Bonny Doon manzanita is on CNPS 1B.1 is a member of the heath or heather family (Ericaceae). It is an evergreen shrub that can grow to heights of 4-6 feet. It is characterized by its dark red, smooth bark and gray-green leaves that are covered with fine hairs. Flowering generally occurs between November and February. It is an indicator of sandhills habitat; it may grow in dense stands or in combination with other chaparral shrubs and trees (Sawyer 2009). Bonny Doon manzanita was observed in the project area. All of the manzanita shrubs are located outside the proposed disturbance area.

Ben Lomond buckwheat is on CNPS 1B.1. It is a perennial herb or subshrub that is a member of the knotweed family (Polygonaceae). This buckwheat typically grows to 2 feet in height, with the height provide by the slender stems and flowering stalks. It typically flowers between June and August. This buckwheat is associated with the sandhills, usually in open areas. Invasive plants plus encroachment by native shrubs and trees are factors that threaten the buckwheat (Baldwin 2012). Patches of Ben Lomond buckwheat were observed in the project area. One patch is located on the hillside northeast of the water tank in an area proposed for grading and retaining wall construction. Another patch is

located between the access road and the Hansen Quarry fence in an area proposed for equipment staging (equipment van).

Special status wildlife species include those listed, proposed or candidate species by the Federal or the State resource agencies as well as those identified as State species of special concern. In addition, all raptor nests are protected by Fish and Game Code, and all migratory bird nests are protected by the Federal Migratory Bird Treaty Act. Special status wildlife species were evaluated for their potential presence in the project area as described in Table 2. The project area has been documented to support the Mt. Hermon June beetle (*Polyphylla barbata*) (federally endangered) and is within the range of the Santa Cruz kangaroo rat (no status) (Jodi McGraw, pers. comm., 2015). The project area may also provide suitable habitat for Zayante band-winged grasshopper (*Trimerotropis infantilis*) (Federally Endangered) (Jodi McGraw, pers. comm., 2015). The greater project region is also known to support the Santa Cruz kangaroo rat (*Dipodomys venustus venustus*), a State species of special concern (URS, 2014). The project area also is within the range of the San Francisco dusky-footed woodrat (*Neotoma fuscipes annectens*), a State species of special concern; however, no woodrat nests/dens were observed in the project area.

Mount Hermon June beetle is a federally-listed, endangered insect that is endemic to the Santa Cruz sandhills (URS, 2014). This species lives in the ground for much of its life cycle. Larvae of the beetle are fossorial and feed on the roots of various plants. Eggs and pupae also are found in the soil. Adult males emerge at dusk to search for females, which also emerge at that time but do not fly. The adult seasonal activity period is from about mid-May through mid-August. An individual beetle may take as long as three years to complete its life cycle, but there is only a single generation of adults per year. It is found in all subtypes of the sandhills habitat, as well as some disturbed areas and residential areas. The species is known to occur in the project area.

Zayante band-winged grasshopper is federally-listed, endangered insect that that is endemic to the Santa Cruz sandhills (URS, 2014). Like the Mount Harmon June beetle, it lives much of its life in the ground. The Zayante band-winged grasshopper also has a single generation per year and is associated with the open sand parkland habitat subtype. Adults are usually active between August and early November, during which time eggs are laid just below the surface of the soil. The eggs remain dormant until the following summer when nymphs emerge. Nymphs and adults walk on the surface of the soil in areas where there is sunlit bare or sparsely-vegetated sand. Adults commonly feed on the foliage of subshrub silver bush lupine (*Lupinus albifrons*) and telegraph weed (*Heterotheca sessiliflora*). Since it is often quite hot in the summer and early fall months when adult grasshoppers are active, they also rest in the canopy of the lupine and use it as part of their thermoregulatory behavior. The species is known to occur in the project area.

The **Santa Cruz kangaroo rat** is a California species of special concern that occurs in the cool, maritime mountains of west-central California (URS, 2014). Populations of the Santa Cruz kangaroo rat in the Santa Cruz Mountains are disjunct from populations in the Diablo and Gabilan ranges. Like all kangaroo rats, this species is active year-round, and seeds form the majority of its diet. Burrows are simple (relatively short with few branches), often located in open, abandoned agricultural land. The kangaroo rats build their burrows in on substrates of sands, loams, and sandy loams. The species' distribution conforms closely to the distribution of open chaparral habitat occurring on sandy soils (Zayante or Santa Margarita soils) (URS, 2014). The species is known from CNDDDB occurrences near Henry Cowell State Park and Graham Hill Road approximately a quarter mile away from the BSA (CDFW 2015). Potential habitat for this species exists in the project area.

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

Table 1. Special Status Plant Species Evaluated for Presence at Probation Tank

Scientific Name	Common Name	Lifeform	CNPS Rare Plant Rank	CESA	FESA	Known of Potential to Occur on Site
<i>Agrostis blasdalei</i>	Blasdale's bent grass	perennial rhizomatous herb	1B.2	None	None	Not observed; unlikely presence
<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Arctostaphylos andersonii</i>	Anderson's manzanita	perennial evergreen shrub	1B.2	None	None	Not observed; unlikely presence
<i>Arctostaphylos glutinosa</i>	Schreiber's manzanita	perennial evergreen shrub	1B.2	None	None	Not observed; unlikely presence
<i>Arctostaphylos ohloneana</i>	Ohlone manzanita	evergreen shrub	1B.1	None	None	Not observed; unlikely presence
<i>Arctostaphylos pajaroensis</i>	Pajaro manzanita	perennial evergreen shrub	1B.1	None	None	Not observed; unlikely presence
<i>Arctostaphylos regismontana</i>	Kings Mountain manzanita	perennial evergreen shrub	1B.2	None	None	Not observed; unlikely presence
<i>Arctostaphylos silvicola</i>	Bonny Doon manzanita	perennial evergreen shrub	1B.2	None	None	Observed adjacent to access road
<i>Arenaria paludicola</i>	marsh sandwort	perennial herb	1B.1	CE	FE	Not observed; unlikely presence
<i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i>	coastal marsh milk-vetch	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Calyptidium parryi</i> var. <i>hesseae</i>	Santa Cruz Mountains pussypaws	annual herb	1B.1	None	None	Not observed; unlikely presence
<i>Campanula californica</i>	swamp harebell	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Carex saliniformis</i>	deceiving sedge	perennial rhizomatous herb	1B.2	None	None	Not observed; unlikely presence
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>	Ben Lomond spineflower	annual herb	1B.1	None	FE	Observed adjacent to access road
<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	Scotts Valley spineflower	annual herb	1B.1	None	FE	Not observed; unlikely presence
<i>Chorizanthe robusta</i> var. <i>robusta</i>	robust spineflower	annual herb	1B.1	None	FE	Not observed; unlikely presence
<i>Cirsium andrewsii</i>	Franciscan thistle	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Collinsia multicolor</i>	San Francisco collinsia	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Dacryophyllum falcifolium</i>	tear drop moss	herb	1B.3	None	None	Not observed; unlikely presence

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

Table 1. Special Status Plant Species Evaluated for Presence at Probation Tank

Scientific Name	Common Name	Lifeform	CNPS Rare Plant Rank	CESA	FESA	Known of Potential to Occur on Site
<i>Eriogonum nudum</i> <i>var. decurrens</i>	Ben Lomond buckwheat	perennial herb	1B.1	None	None	Observed adjacent to access road and within proposed grading area for retaining wall
<i>Erysimum amphilum</i>	sand-loving wallflower	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Erysimum teretifolium</i>	Santa Cruz wallflower	perennial herb	1B.1	CE	FE	Not observed; unlikely presence
<i>Grindelia hirsutula</i> <i>var. maritima</i>	San Francisco gumplant	perennial herb	3.2	None	None	Not observed; unlikely presence
<i>Hesperevax sparsiflora</i> <i>var. brevifolia</i>	short-leaved evax	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Hesperocyparis abramsiana</i> <i>var. abramsiana</i>	Santa Cruz cypress	perennial evergreen tree	1B.2	CE	FE	Not observed; unlikely presence
<i>Hesperocyparis abramsiana</i> <i>var. butanoensis</i>	Butano Ridge cypress	perennial evergreen tree	1B.2	CE	FE	Not observed; unlikely presence
<i>Hoita strobilina</i>	Loma Prieta hoita	perennial herb	1B.1	None	None	Not observed; unlikely presence
<i>Holocarpha macradenia</i>	Santa Cruz tarplant	annual herb	1B.1	CE	FT	Not observed; unlikely presence
<i>Horkelia cuneata</i> <i>var. sericea</i>	Kellogg's horkelia	perennial herb	1B.1	None	None	Not observed; unlikely presence
<i>Horkelia marinensis</i>	Point Reyes horkelia	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Lessingia micradenia</i> <i>var. glabrata</i>	smooth lessingia	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Limnanthes douglasii</i> <i>ssp. sulphurea</i>	Point Reyes meadowfoam	annual herb	1B.2	CE	None	Not observed; unlikely presence
<i>Malacothamnus arcuatus</i>	arcuate bush-mallow	perennial evergreen shrub	1B.2	None	None	Not observed; unlikely presence
<i>Microseris paludosa</i>	marsh microseris	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Monolopia gracilens</i>	woodland woolythreads	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Orthotrichum kellmanii</i>	Kellman's bristle moss	moss	1B.2	None	None	Not observed; unlikely presence
<i>Pedicularis dudleyi</i>	Dudley's lousewort	perennial herb	1B.2	CR	None	Not observed; unlikely presence
<i>Penstemon rattanii</i> <i>var. kleei</i>	Santa Cruz Mountains beardtongue	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Pentachaeta bellidiflora</i>	white-rayed pentachaeta	annual herb	1B.1	CE	FE	Not observed; unlikely presence

PROBATION TANK REPLACEMENT IS/MND
SAN LORENZO VALLEY WATER DISTRICT

Table 1. Special Status Plant Species Evaluated for Presence at Probation Tank

Scientific Name	Common Name	Lifeform	CNPS Rare Plant Rank	CESA	FESA	Known of Potential to Occur on Site
<i>Pinus radiata</i>	Monterey pine	perennial evergreen tree	1B.1	None	None	Not observed; unlikely presence
<i>Piperia candida</i>	white-flowered rein orchid	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>	Choris' popcorn-flower	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Plagiobothrys diffusus</i>	San Francisco popcorn-flower	annual herb	1B.1	CE	None	Not observed; unlikely presence
<i>Polygonum hickmanii</i>	Scotts Valley polygonum	annual herb	1B.1	CE	FE	Not observed; unlikely presence
<i>Rosa pinetorum</i>	pine rose	perennial shrub	1B.2	None	None	Not observed; unlikely presence
<i>Silene verecunda</i> ssp. <i>verecunda</i>	San Francisco champion	perennial herb	1B.2	None	None	Not observed; unlikely presence
<i>Stebbinsoseris decipiens</i>	Santa Cruz microseris	annual herb	1B.2	None	None	Not observed; unlikely presence
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	annual herb	1B.1	None	None	Not observed; unlikely presence

¹ Key to status: FE=Federally listed as endangered species; FT=Federally listed as threatened species; CE State listed as endangered; CR=State listed as rare; CNPS List 1B= species considered rare under CEQA

Table 2. Special Status Wildlife Species Evaluated for Presence at Probation Tank

SPECIES	STATUS ¹	HABITAT	POTENTIAL OCCURRENCE ON SITE
Invertebrates			
Ohlone tiger beetle <i>Cicindela ohlone</i>	FE	Coastal terrace prairie with sparse vegetation and openings, Watsonville loam soils	None, no suitable habitat on site.
Mt. Hermon June beetle <i>Polyphylla barbata</i>	FE	Chaparral and ponderosa pine with Zayante sandy soils	Documented on site.
Zayante band-winged grasshopper <i>Trimerotropis infantilis</i>	FE	Openings in sand hills parkland habitat with Zayante sandy soils	Potential habitat on site.
Smith's blue butterfly <i>Euphilotes enoptes smithi</i>	FE	Coastal dunes and coastal sage scrub with buckwheat plants	No suitable habitat on site.
Fish			
Coho salmon <i>Oncorhynchus kisutch</i>	FE, SE	Perennial creeks and rivers with gravels for spawning	No suitable habitat on site.
Steelhead <i>Oncorhynchus mykiss</i>	FT	Perennial creeks and rivers with gravels for spawning	No suitable habitat on site.
Amphibians			
California red-legged frog <i>Rana aurora draytonii</i>	FT, CSC	Riparian, marshes, estuaries and ponds with still water at least into June.	No suitable habitat on site or in vicinity
Reptiles			
Western pond turtle <i>Actinemys marmorata</i>	CSC	Creeks and ponds with water of sufficient depth for escape cover, and structure for basking; grasslands or bare areas for nesting.	No suitable habitat on site or in vicinity

Table 2. Special Status Wildlife Species Evaluated for Presence at Probation Tank

SPECIES	STATUS ¹	HABITAT	POTENTIAL OCCURRENCE ON SITE
Birds			
White-tailed kite <i>Elanus leucurus</i>	FP	Nests in tall riparian trees adjacent to open lands for foraging	None, no suitable habitat on site.
Mammals			
Pallid bat <i>Antrozous pallidus</i>	CSC	Roosts in caves, hollow trees, mines, buildings, bridges, rock outcroppings	None, no suitable habitat on site.
Santa Cruz kangaroo rat <i>Dipodomys venustus venustus</i>	CSC	Manzanita chaparral with sandy soils	Potential on site, as known from greater project region.
San Francisco dusky-footed woodrat <i>Neotoma fuscipes annectens</i>	CSC	Woodlands including oaks, willow riparian, eucalyptus	No dens/nests observed within work area
American badger <i>Taxidea taxus</i>	CSC	Grasslands with friable soils	None, no suitable habitat on site.

¹ Key to status: FE=Federally listed as endangered species; FT=Federally listed as threatened species; FP=Fully protected species by State; SE= State listed as endangered; CSC=California species of special concern

a) **Potentially Significant Unless Mitigation Incorporated.** The project area is located within the ponderosa pine forest amid the Zayante sandhills with soils of Zayante coarse sands. To assess the potential occurrence of special status biotic resources, two electronic databases were accessed to determine recorded occurrences of sensitive plant communities and sensitive species. Information was obtained from the California Native Plant Society's (CNPS) Electronic Inventory (2015), and California Department of Fish & Wildlife (CDFW) RareFind database (CDFG, 2015) for the Felton USGS quadrangle and surrounding eight quadrangles. Plant species of concern include those listed by either the Federal or State resource agencies as well as those identified as rare by CNPS (List 1B). The search of the CNPS and CNDDDB inventories identified the special status plant species with potential to occur in the project area. Surveys for rare plants were conducted for this project and confirmed the presence of three special status plant species: Bonny Doon manzanita (*Arctostaphylos silvicola*), Ben Lomond spineflower (*Chorizanthe pungens var. hartwegiana*), and Ben Lomond buckwheat (*Eriogonum nudum var. decurrens*) (See Table 1).

Special status wildlife species include those listed, proposed or candidate species by the Federal or the State resource agencies as well as those identified as State species of special concern. In addition, all raptor nests are protected by State Fish and Wildlife Code, and all migratory bird nests are protected by the Federal Migratory Bird Treaty Act. Special status wildlife species were evaluated for their potential presence in the project area. The project area is known to support the Mt. Hermon June beetle (*Polyphylla barbata*), has potential for Zayante band-winged grasshopper *Trimerotropis infantilis*) and has potential for the Santa Cruz kangaroo rat (*Dipodomys venustus venustus*) (see Table 2). Due to potential impacts to federally listed species from the project, the SLVWD has prepared a Low-Effect Habitat Conservation Plan (HCP) to secure an Incidental Take Permit (ITP) with the U.S. Fish and Wildlife Service to cover potential impacts and assign mitigation measures for the Mt. Hermon June beetle and Zayante band-winged grasshopper. The Ben Lomond spineflower (federally listed plant species) is also included in the HCP for conservation purposes (Jodi McGraw, 2017).

Impact BIO-1: Special Status Plant Species The project area is located adjacent to areas supporting Ben Lomond spineflower, Ben Lomond buckwheat, and Bonny Doon

manzanita, three special status plant species. Project construction may cause indirect impacts to these species if construction inadvertently enters these areas. In addition, grading for the water tank and retaining wall and use of the construction staging area will remove approximately 925 square feet of sandhills that supports approximately Ben Lomond buckwheat plants (34 plants observed in 2015). Although numerous Ben Lomond buckwheat plants occur in the greater project area, the removal of plants is significant due to the species limited distribution throughout its range.

Mitigation Measure BIO-1: To avoid and minimize impacts to special status plant species and provide compensation for the removal of Ben Lomond buckwheat and Ben Lomond spineflower plants, SLVWD will implement the following measures:

- During the summer prior to construction, a qualified biologist will collect seed of all the Ben Lomond spineflower plants and Ben Lomond buckwheat plants from within the project impact area, for use in restoration.
- Prior to construction, implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period.
- Following completion of the project the District will restore the 8,520-square foot area of temporary habitat impacts around the tank, which includes the 925-square foot area occupied by the Ben Lomond spineflower. Restoration will include recontouring the soil, preventing erosion, sowing seed of native plant species collected on site, including seed salvaged from Ben Lomond spineflower and Ben Lomond buckwheat during the summer prior to construction, and also plantings native plants from site-collected propagules.
- Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either of two options: Option 1: implement off-site sandhills mitigation at the SLVWD's Olympia Wellfield, a 180-acre property that features sandhills habitat that is of high conservation value and in need of active management to prevent habitat degradation at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts, or Option 2: purchasing conservation credits from the Zayante Sandhills Conservation Bank.

Impact BIO-2: Special Status Invertebrates. Removal of sandhills vegetation for the tank replacement project, as well as construction activities, staging and the installation construction fencing, has the potential to kill individual Mt. Hermon June beetles and Zayante band-winged grasshoppers. Removal of vegetation or ground disturbing activities, such as grading or excavation, would have the potential to adversely impact life stages of the Mount Hermon June beetle and Zayante band-winged grasshopper. Both beetle larvae and adults live in the ground and the larvae feed on the roots of various plants. Eggs of the grasshopper are found in the soil during the nymph life stage, and adults live on the surface of the soil where they feed and thermoregulate on sandhills plants. Permanent, direct impacts to special-status species habitat would occur where new structures, such as retaining walls, are constructed. This construction would be expected to permanently remove approximately 4,500 square feet (0.105 acre) of habitat for sandhills invertebrates. Temporary, direct impacts to these species would result from trenching, grading, construction staging, or other soil disturbing activities within sandhills habitat, which

may take a limited number of eggs, juvenile, or adult Mount Hermon June beetles or Zayante band-winged grasshoppers. Such temporary, direct impacts could occur on approximately 12,500 square feet (0.287 acre) of habitat for sandhills invertebrates. Also, June beetle adult males actively search for breeding females during the evenings between about May 15 and August 15. During this period, both sexes burrow into duff and soils during the daytime and are attracted to Zayante sands. Indirect impacts might occur if construction or ground disturbing activities occur during the flight season of the adult beetle due to exposed Zayante sands. Similarly, any work at night that requires the use of lights could attract male beetles and disrupt their behavior. Adult June beetles are active at dusk and may be distracted by incandescent, mercury vapor, sodium, and black light sources, which can disrupt normal behaviors and breeding activities. Also, dust can clog the spiracles of adult beetles and grasshopper, and accumulated dust on the special-status sandhills plants listed in Table 1 may cause them to experience a decline in vigor or even die. Mitigation Measure BIO-2 addresses the temporary direct impacts on sandhills species with either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts or Option 2 - the purchase of conservation credits from the Zayante Sandhills Conservation Bank. Mitigation Measure BIO-2 also provides for construction phase measures requiring the covering of exposed soils at night and restriction on lighting. Because these impacts would occur in very limited areas, they are expected to be less than significant with the implementation of Mitigation Measures BIO-2.

Permanent impacts on listed insect species could occur if inappropriate landscape species and/or lighting were installed with the project. Because June beetle adults emerge from the soil to attract and search for mates, unfamiliar soil surface conditions, such as those caused by dense ground covers, weed matting, aggregate, and mulch can degrade species habitat. The project does not propose any landscaping or lighting, such that these impacts will not occur. The permanent impact to 0.105 acre of sandhills habitat and species would be addressed through the implementation of Mitigation Measure BIO-2, which requires either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts or Option 2 - the purchase of conservation credits ratio from the Zayante Sandhills Conservation Bank. Because these impacts would occur in very limited areas, they are expected to be less than significant with the implementation of Mitigation Measures BIO-2.

The project would require an ITP from USFWS to comply with the Endangered Species Act of 1973 (ESA) Section 10a. This ITP would be necessary to construct on sandhills habitat within the project area that includes USFWS listed threatened and endangered plants and insect species. Additionally, a biotic approval would be required from Santa Cruz County under the Sensitive Habitat Protection Ordinance, Santa Cruz County Code Chapter 16.32 (Santa Cruz County 2012f). This approval would cover the Project areas located in sandhills habitat, as identified above.

Mitigation Measure BIO-2: To avoid/minimize impacts to Mt. Hermon June beetle and Zayante band-winged grasshopper, SLVWD will implement the following measures:

- Implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period.
- Implement Worker Environmental Awareness Training: A qualified biologist will conduct training sessions to familiarize all construction personnel with the following: identification of Mount Hermon June beetle, and Zayante band-winged grasshopper, other protected wildlife and plants, as well as their habitat, general provisions and protections afforded by the ESA, measures implemented to protect the species, penalties for violation of the ESA, reporting requirements, and a review of project footprint boundaries. SLVWD and/or their contractor(s) will require all construction employees to participate in the training prior to working on-site.
- Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts or Option 2 - the purchase of conservation credits from the Ben Lomond Sandhills Preserve of the Zayante Sandhills Conservation Bank. Implement the following construction-phase measures in sandhills habitat to minimize effects on sandhills species:
 - The project will be conducted outside the adult activity period for the Mt. Hermon June beetle (May to August) and Zayante band-winged grasshopper (June – October), if at all possible. If soil-disturbing activities occur during the Mt. Hermon June beetle flight season, tarps will be used to cover exposed soil in order to prevent dispersing male beetles from burrowing into the construction site.
 - A qualified biologist will be on site during all ground-disturbing activities to capture any Mt. Hermon June beetles observed in the construction areas and relocate them outside to intact sandhills habitat that supports appropriate soils and vegetation. The biologist will also herd out of harm's way any Zayante band-winged grasshoppers observed in the project area.
 - The project will not entail installation of outdoor lights, which can disrupt the behavior of nocturnal insects including Mt. Hermon June beetle.

Impact BIO-3: Santa Cruz Kangaroo Rat. Grading of undisturbed sandhills for the water tank has the potential to injure or kill Santa Cruz kangaroo rats, if any are present in the work area. Ground disturbing activities would permanently remove up to 0.1 acre of sandhills habitat and temporarily disturb 0.287 acre of sandhills habitat for this species. With the implementation of Mitigation Measures BIO-2 and BIO-3, the impact on this species would be reduced to less than significant.

Mitigation Measure BIO-3: To avoid impacts to Santa Cruz kangaroo rats, SLVWD will implement the following measures:

- SLVWD will have a qualified biologist survey the grading area within 2 weeks of commencement of work. If any evidence of kangaroo rats is observed within the work area (i.e., burrows), the biologist will implement a trapping program to relocate any kangaroo rats from the graded area. If required, the biologist will obtain permission from CDFW to relocate any kangaroo rats from the work area.
- As kangaroo rats may traverse the work area at night, SLVWD and/or their contractor(s) will cover all construction-related holes in the ground overnight to prevent entrapment of kangaroo rats or other native species. SLVWD and/or their contractor(s) will inspect all construction pipes, culverts, or similar structures that are stored at the work area for one or more nights before the pipe is used or moved. If any kangaroo rats or other wildlife species are present, they will be allowed to exit on their own or an authorized biologist will move them out of the construction area.

- b) **Potentially Significant Unless Mitigation Incorporated.** The project area does not support any riparian habitat; however, the area does support Zayante sandhills ponderosa pine forest which is a sensitive community. Mitigation is identified in Mitigation Measures BIO-1 and BIO-2 to reduce this impact to a less-than-significant level.
- c) **No Impact.** The project area does not support federally protected wetlands as defined by Section 404 of the Clean Water Act. A small man-induced drainage swale, resulting from water leaking from the existing redwood tank, has formed on the southern side of the tank. Plant typical of mesic growing conditions are present, such as nutgrass (*Cyperus sp.*), spreading rush (*Juncus patens*), willow herb (*Epilobium citiatum*), and young willow (*Salix spp.*). Due to the man-induced condition of the swale and vegetation, this area is not considered to meet jurisdictional requirements under the Clean Water Act or RWQCB policies.
- d) **Potentially Significant Unless Mitigation Incorporated.** The project will not affect the movement of any native resident or migratory fish. Project activities could temporarily directly disturb nesting activity for special-status or migratory birds, if nesting of such birds were to occur in proximity to project construction activities. Three ponderosa pine trees, measuring 38", 32", and 16" in diameter which provide potential suitable habitat would be removed for this project. Mitigation Measure BIO-4 requires pre-construction nesting bird surveys during nesting bird season to determine the presence of active nests within or adjacent to construction activities. Adequate buffer areas would be established in coordination with CDFW for any active nests within or adjacent to project construction activities until the chicks have fledged (left the nest). Therefore, with the implementation of Mitigation Measure BIO-5, project impacts on special-status and nesting birds would be reduced to less than significant.

Mitigation Measure BIO-4: The SLVWD shall schedule construction (including vegetation removal) to occur during the non-nesting season for birds (e.g. between August and March of any given year). If this is not practicable, the SLVWD shall hire a qualified biologist to conduct pre-construction nesting bird surveys no more than two weeks prior to construction. If nesting birds are observed, the biologist

shall establish a buffer zone of adequate size where no construction will take place until the chicks have fledged the nest.

- e) **Less Than Significant Impact.** Although Santa Cruz County has a significant tree protection ordinance, the trees that would be removed for construction of the project would not meet the County's definition of significant trees (Santa Cruz County). Therefore, the project impacts would be less than significant. The project is consistent with the County's Sensitive Habitat Ordinance, as impacts to sensitive habitat (i.e., Zayante sandhills) will be minimized through construction period BMPs and unavoidable impacts will be fully mitigated with either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property or Option 2 - the purchase of conservation credits at the Zayante Sandhills Conservation Bank in coordination with a Low-Effect HCP with USFWS. The project will require the removal of three ponderosa pine trees; however, this impact can be mitigated with either the purchase of conservation credits from the Zayante Sandhills Conservation Bank or implementation of habitat enhancement on the SLVWD's Olympia Wellfield.
- f) **No Impact.** The project site is not located within any Habitat Management, Natural Community Conservation Plans or other approved local, regional, or State habitat conservation plan that relate to the proposed project area. The County of Santa Cruz and City of Scotts Valley have approved an Interim Programmatic Habitat Conservation Plan (IPHCP) that is in effect for select portions of the County and City (Santa Cruz County 2011). The IPHCP allows the USFWS to issue ITPs under the ESA for the incidental take of the Mount Hermon June beetle and Ben Lomond spineflower from covered activities identified in the IPHCP. The Probation Tank project is not located within the IPHCP area; therefore, the project does not qualify to participate in the County's IPHCP and the SLVWD must secure its own ITP for the project; however, Mitigation Measures BIO-1 and BIO-2 are consistent with the minimization and mitigation measures contained in the IPHCP resulting in a less-than-significant impact.

V. CULTURAL RESOURCES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **No Impact.** The project site does not contain any significant historic structures. The existing redwood water tank was constructed in 1974 and does not appear to be historically significant. The cultural resources evaluation for the Scotts Valley Multi-Agency Regional Intertie Project, Intertie 3 and 4 (URS, 2013) was negative for historic resources in the immediate project vicinity.
- b) **Potentially Significant Impact Unless Mitigation Incorporated.** The project area is not identified as supporting any prehistorical resources. In addition, most of the construction area will occur within previously disturbed areas. Although no archaeological resources are known from the site, it is possible that subsurface deposits may exist or that evidence of such resources has been obscured by more recent natural or cultural factors, primarily the extensive alteration of the landscape and installation of modern features. Archaeological and historic resources are protected from unauthorized disturbance by State law and supervisory and construction personnel should therefore be made aware of the possibility of encountering archaeological materials in this zone.

In this area, the most common and recognizable evidence of prehistoric archaeological resources are areas with darker fine-grained soil (midden), carbon/charcoal and burnt rocks, often containing bones and ocean shellfish such as clams and mussels, usually in fragments; chert, obsidian, basalt, and other stone flakes left from manufacturing stone tools, or the tools themselves (mortars, pestles, arrowheads and spear points), and human burials, often as dislocated bones. Historic materials older than 45 years (e.g., bottles, artifacts, features, structural remains) may also have scientific and cultural significance and should be more readily identified. Although archaeological resources or human burials are not anticipated within the project site, there is a possibility that cultural resources could be found during excavation and grading of the project site. This potential impact would be reduced to a less than significant level with implementation of Mitigation Measure CULT-1, below.

Mitigation Measure CULT-1: If during the proposed construction project any evidence of prehistoric or historic archaeological resources is uncovered or encountered, all excavations within 10 meters/30 feet shall be halted until a qualified archaeologist can evaluate the find. If the find is determined to be significant by a qualified archaeologist, appropriate mitigation measures shall be determined and implemented. In the event human remains are found, the County Coroner shall be notified in accordance with provisions of Public Resources Code 5097.98-99. The Native American Heritage Commission shall be notified in accordance with provisions of Public Resources Code section 5097 if the remains are determined to be Native American.

- c) **Potentially Significant Impact Unless Mitigation Incorporated.** There are no identified unique paleontological or geologic features within the project site. Much of the site was previously disturbed during grading for the existing water tank and no records of resources are contained in the County of Santa Cruz Geographic Information System (GIS). Although, no impacts to paleontological resources are anticipated because the site has been previously disturbed, this potential impact would be reduced to a less than significant level with implementation of Mitigation Measure CULT-2, below.

Mitigation Measure CULT-2: During excavation and construction, if a paleontological resource is encountered, work within the area of the resource shall be halted and the resource shall be examined by a qualified paleontologist. If the paleontological resource is found to be significant, SCCS shall comply with the treatment recommendation of the qualified paleontologist. Treatment may include, but is not limited to, specimen recovery and curation or thorough documentation.

- d) **Potentially Significant Impact Unless Mitigation Incorporated.** See item b) discussion and Mitigation Measures CULT-1 and CULT-2.

VI. GEOLOGY AND SOILS

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
GEOLOGY AND SOILS. Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

a, i) **No Impact.** The project site The Project site is not within an Alquist-Priolo fault zone, therefore there would be no impact. The nearest known active or potentially active fault is the Zayante-Vergeles Fault Zone, which is located approximately 3.4 miles north of proposed project. The San Andreas Fault is located approximately 6.2 miles north of proposed project. The northern portion of the Zayante-Vergeles Fault Zone is identified as the Zayante Fault, which extends from Watsonville northwestward to near north of Soquel. (County of Santa Cruz GIS, 2015). Within the Project area, the Zayante-Vergeles Fault Zone is considered to be a potentially active. There are no active fault zones or risk of fault rupture within the project area. Fault rupture through the project site is not anticipated.

- a, ii) **Less-than Significant Impact.** The project site could be subjected to strong seismic shaking. The proposed project includes construction of a new water tank structure; however, all structures will be required to meet current earthquake construction standards. According to a preliminary geotechnical report by Shaaf and Wheeler (2014) the foundation of the water tank will be placed in a concrete ring, with the tank bottom placed on oiled sand underlaid with base rock. Hold downs will be installed for earthquake safety. The tank will also have freeboard to allow for sloshing in a seismic event. The tank supplier will be responsible for structural calculations and sizing of structural plates, girders, and columns in conformance with the Uniform Building Code Guidelines for Seismic Zone 4. SLVWD will implement measures as outlined in the geotechnical report, including field observations and testing conducted during construction under the observation of the qualified geotechnical engineer, as needed. The project will not substantially increase the exposure of the public to injury or death should a seismic event occur. Thus, the exposure to seismic shaking would be less than significant.
- a, iii) **No Impact.** Based on the engineer's study, the project site is not located within an area subject to liquefaction.
- a, iv) **No Impact.** Based on the engineer's study, the project site has little vertical relief and would not be subject to landsliding. The project design includes the construction of soldier beam retaining walls on areas upslope and down slope of the new tank to reduce grading and the disturbed area. The site is not located within an area subject to landsliding and landslides are not anticipated to affect the project site.
- b) **Potentially Significant Impact Unless Mitigation Incorporated.** The proposed project will require removal of hillside material to accommodate the larger water tank and the construction of two retaining walls. Construction of the new tank foundation will require excavation of the underlying topsoil to a depth of approximately 9 inches. The total surface area to be disturbed at the tank site is approximately 18,800 square feet (0.432 acre). A total of approximately 180 cubic yards of material would be removed from the project site for the tank foundation and retaining walls. A new drainage system will be installed around the perimeter of the new tank, including a new drainage pipe and energy dissipater.

Excavation of the topsoil and construction of the retaining walls and drainage improvements could result in project-specific erosion if erosion occurs and sediments leave the project work area during the construction period. Implementation of the mitigation measure GEO-1 would reduce the potential impacts to less than significant.

Mitigation Measure GEO-1: SLVWD shall implement erosion control measures and Best Management Practices (BMPs) consistent with the County's Erosion Control Ordinance and the California Storm Water Best Management Practices handbook. At a minimum, the following measures shall be implemented:

- Use BMPs to retain sediment on the project site, such as the placement of straw/jute wattles, construction fencing, or straw bales at the down slope edge of construction.
- Provide temporary cover of disturbed surfaces to help control erosion during construction, particularly if work is to occur during the rainy season.

- Provide permanent cover to stabilize disturbed surfaces after construction, in coordination with the Low-effect HCP with USFWS and Mitigation measures BIO-1 and BIO-2.
 - The total area to be disturbed by the project is less than 1 acre or more; therefore, a Storm Water Pollution Prevention Plan (SWPPP) is not required by the Regional Water Quality Control Board prior to construction; however, the SLVWD will prepare a construction-period erosion control plan and spill prevention plan.
- c) **Less Than Significant.** The site is not known to support unstable soils such that construction of a structure or other recreational features would create substantial risks to life or property. There is no potential impact from, landslide, lateral spreading, subsidence, liquefaction or collapse. Construction methods would include minor excavation for the retaining walls and water tank foundation. Most of the work would occur with existing disturbed surfaces; therefore, the project would not substantially alter the natural land form by clearing vegetation or significantly increasing impervious surfaces.
- d) **No Impact.** The project does not include construction of a structure on expansive soils that would create substantial risks to life or property.
- e) **No Impact.** The proposed project does not include septic tanks or alternative wastewater disposal systems.

f) **GREENHOUSE GAS EMISSIONS**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **Less than Significant Impact.** The proposed project would not generate any new sources of stationary greenhouse gas emissions. The new water tank will not change the level of use as compared to the existing conditions. Construction activities would result in temporary emissions during the 6-month construction period. Emissions generated by the proposed project (construction period) are below the threshold developed by the BAAQMD. The minimal increase in traffic associated with construction related emissions would be less than significant.
- b) **No Impact.** The proposed project involves replacement of an existing water tank, with no new uses. The project would not conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing greenhouse gases since the emissions generated by the proposed project (construction period) are below the threshold developed by the BAAQMD.

VIII. HAZARDS AND HAZARDOUS MATERIALS

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project would not include the transport, use, or disposal of hazardous materials.

- b) **Less than Significant Impact.** Project construction would require the use of certain hazardous materials such as fuels and oils for construction equipment. Any fueling would be minimal and would occur at the designated construction staging area.
- c) **No Impact.** The project is located approximately 0.25 northwest of the Santa Cruz County Juvenile Detention Center and the Michael Gray Field Park; however, the project would not emit hazardous emissions or involve handling of hazardous or acutely hazardous materials, or waste that would affect these facilities.
- d) **No Impact.** The project site is not included on the California Department of Toxic Substance Control and State Water Resources Control Board list of hazardous materials sites.
- e) **No Impact.** The project site is not located within two miles of a public airport.
- f) **No Impact.** The project site is not located within the vicinity of a private airstrip.
- g) **No Impact.** The proposed project would not interfere with any evacuation plans.
- h) **No Impact.** The project would not expose people or structures to a significant risk from wildland fire. Although the site is located in a relatively undeveloped area, with natural vegetation, the project will have access to adequate water for fire suppression. Three temporary water storage tanks will be on-site during construction and water from these tanks would be available for fire suppression purposes, if needed.

IX. HYDROLOGY AND WATER QUALITY

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding of as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **Less-than-significant Impact.** Project construction would involve earthwork activities such as site preparation, grading, minimal vegetation removal and excavation. These construction activities would cause disturbance of surface soils which could cause further degradation of water quality within a watershed that is currently impaired for sediment (Central Valley California Regional Water Quality Control Board, Central Coast Region, 2003). Approximately 0.432 acre would be disturbed to install the water tanks and associated facilities. Due to the small size of the project (less than 1 acre), the project is not subject to construction-related storm water permit requirements of the NPDES Construction General Permit issued by the State Water Resources Control Board; however, the SLVWD intends to implement construction and post-construction erosion and sediment control BMPs in addition to “housekeeping” measures for control of other potential pollutants. Implementation of the BMP’s would avoid or limit runoff pollutants at the construction site. With implementation of the BMP’s, impacts related to construction and post-construction phase water quality would be less than significant.
- b) **Less-than-significant Impact.** No significant increase in impermeable surfaces would result from the installation of the new water tank. Currently the wooden tank is leaking and water is directed into a man-made swale. As the new tank will not leak, the project will eliminate this water input into this swale; however, a drainage pipe and outlet will be constructed in the swale to direct storm water from the new tank and surrounding concrete foundation into this area. Runoff into the man-made swale is expected to be less than the existing condition. Based on the overall footprint of new water tank project impacts on the groundwater recharge area would be less than significant, as permanent imperious surface will increase by 8,520 (0.195 acre). The project will not affect any groundwater production wells within the vicinity of the project site. The proposed project would not substantially deplete groundwater supplies or substantially affect the production rate of nearby wells. The potential impact to groundwater recharge and supplies would be less than significant.
- c,d) **No Impact.** There are no watercourses in close proximity to the project; the closest watercourse is Bean Creek, located 0.6 mile north of the site. Other watercourses include a tributary to the San Lorenzo River (near Lockwood Lane), located approximately 0.75 mile to the south, and the San Lorenzo River, located approximately 1 mile to the southwest. The proposed project would not alter the course of any watercourse or require work within any creek channel.
- e, f) **Less-than-significant Impact.** Surface runoff from the project site currently percolates into the ground, collects in a man-made swale, or flows by sheet flow in a south and southwesterly direction from the site. Surface water is captured by both the man-made swale as well as small existing natural swales on the wooded slope. The proposed project includes a new drainage pipe and energy dissipater, with discharge into the existing man-made swale. The small runoff generation potential of the project as well as adoption of BMPs during and after construction would result in a less than significant impact on existing stormwater drainage systems.
- g) **No Impact.** The project would not develop housing. Therefore, no impacts would occur.

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- h-i) **No impact.** The County of Santa Cruz, the Federal Environmental Management Agency (FEMA) Flood Hazard Areas Map does not identify the project site in a flood zone. No impacts would occur.

- j) **No Impact.** The Pacific Ocean lies approximately 7.5 miles south of the project site. The County of Santa Cruz, Tsunami Coastal Inundation Map does not identify the project site in a tsunami inundation zone. No impacts would occur.

X. LAND USE AND PLANNING

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project would not create new lot subdivisions or roadways that would divide an established community. No impact would occur as a result of the project.
- b) **No Impact.** The project site is located within unincorporated Santa Cruz County. The project would be exempt from County building and zoning ordinances under California Government Code Section 53091, since the project relates exclusively to the storage of water (California State Legislature 2012a). Therefore, by definition the project would not conflict with such land use plans and policies. Nevertheless, land use plans applicable to the project site were reviewed to identify whether the Project could result in conflicts with these plans, such that physical effects on the environment would result. The project site is zoned Special Use. Continued use of a water storage tank would not result in conflicts with local land use plans that could result in physical effects on the environment.
- c) **No Impact.** There are presently no habitat conservation plans or natural community conservation plans for the project area; see Section IV.f, Biological Resources.

XI. MINERAL RESOURCES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The Santa Cruz County General Plans indicate multiple areas identified by the State Geologist as containing “significant mineral deposits” per the Surface Mining and Reclamation Act. These areas are designated as Mineral Resource Zone 2 (MRZ-2) in the general plan. The proposed project is not located within these MRZ-2 areas. Therefore, there would be no impact would not result in the loss of availability of a known mineral resource.
- b) **No Impact.** There is one sand quarry adjacent to the project site; however, it has ceased operation. Hansen (a.k.a. Kaiser) Sand Quarry, is located immediately northeast of the water tank site. This facility ceased operation in 2003 and is being reclaimed. The water storage tank would be located on a parcel adjacent to Hansen Quarry but would not be an incompatible use conflicting with mineral recovery since the quarry has ceased operation. The project will also not conflict with mining reclamation actions. Therefore, there would be no impact.

XII. NOISE

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
NOISE. Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **Less-than-significant Impact.** The project construction would require the use of heavy equipment for site grading and excavation, construction of soldier beam retaining walls, construction of the concrete foundation, and on-site fabrication and installation of the water storage tank. These activities would result in a temporary increase in noise levels. Construction would also involve the use of smaller power tools, generators, and other sources of noise. During each construction stage, there would be a different mix of construction equipment, and noise levels would vary based on the pieces and number of equipment in operation, and on the location of the activity. Given the type of construction and the ground conditions, pile driving would not be necessary during any construction phase. The potential for temporary construction noise impacts depends on the proximity of sensitive receptors (residences, schools, senior facilities, hospitals, etc.), construction duration, and the type of construction activities (e.g., excavation, shoring, and stockpiling of excavated materials) and associated equipment that would be used. Construction would generate noise increases near three sensitive receptors (County Juvenile Detention Center, Michael Gray Field Park, and the Ponderosa Camp). These receptors closest would experience a temporary noise levels

- during ground clearing, excavation, grading, and finishing during the 6-month construction period. Impacts related to construction activities would be short-term in nature and would vary over the course of the construction day and the construction period of the project. Additionally, construction noise would not generate noise in excess of applicable noise standards. Therefore, construction noise impacts would be less than significant.
- b) **No Impact.** Construction of the project would not require the use of explosives, pile driving, or other equipment which would generate excessive ground borne vibration or ground borne noise levels.
 - c) **No Impact.** Following site construction, the project will not generate any permanent noise. The daytime ambient noise levels would not be permanently affected by the project.
 - d) **Less-than-significant Impact.** Project construction would occur during a 6-month period. Construction activities would result in a temporary or periodic increase in ambient noise levels in the project vicinity. The temporary periodic increase ambient noise levels associated with project construction would be less than significant.
 - e) **No Impact** The project is not located within an area covered by an airport land use plan or within two miles of a public airport or public use airport.
 - f) **No Impact** The project is not located within the vicinity of a private airstrip.

XIII. POPULATION AND HOUSING

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
POPULATION AND HOUSING. Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project would be unmanned and would not require additional staff to service and maintain the facilities. The project does not include new homes, businesses, extension of roads, or other infrastructure. No growth inducing impacts would occur as a result of the project.
- b) **No Impact** The project is located on County-owned land. The project will not displace or otherwise affect housing.
- c) **No Impact** The project would not displace any population.

XIV. PUBLIC SERVICES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
PUBLIC SERVICES. Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The project would be unmanned and would not result in additional staff or indirect population growth that would lead to an increased demand for public services. Additionally, the water tank would store water for existing water customers and for emergency use; the project would not increase the overall water supply to local communities. The larger water storage tank would not result in impacts to acceptable service ratios or response times for fire protection, police protection, schools, parks or other public facilities.

XV. RECREATION

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
RECREATION. Would the project:				
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a, b) **No Impact.** The project would not expand or increase the use of existing recreational facilities. Furthermore, the project would not result in additional staff or indirect population growth that would result in an increase demand for parks and recreational services and associated facilities. Therefore, project construction and operation would have no impact on recreational facilities.

XVI. TRANSPORTATION AND TRAFFIC

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporate	Less Than Significant Impact	No Impact
TRANSPORTATION AND TRAFFIC. Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities (e.g. bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

a, b) **Less-than-significant Impact.** Project construction traffic would result in a temporary increase in traffic on the roads leading to the project’s site. The roadway network that would be used for project construction and/or as access routes for construction workers and construction vehicles would include regional highways, local arterials, and local residential streets for the 6-month construction period. No lane closures would be necessary and all work will occur off of public roadways. The project would have a less-than significant impact on the circulation system in the area. The paved access road accessed from Graham Hill Road will be utilized by construction vehicles, equipment, and offhaul/delivery trucks. If necessary,

- traffic control measures should be implemented when delivery/off-haul trucks and construction equipment are entering and leaving the construction site. The proposed project would not generate significant additional vehicular traffic or result in an exceedance of a level of service standard. There may be a temporary disruption of vehicular access to the existing telecommunications center; however, pedestrian access will be maintained for site maintenance. The project would not conflict with any applicable transportation/traffic plan, ordinance, policy, or congestion management program.
- c) **No Impact.** The proposed project would not result in any change in air traffic patterns.
 - d) **No Impact.** The proposed project does not include any roadway improvements which would substantially increase traffic hazards.
 - e) **No Impact.** The project will not affect emergency access routes, as all work will occur off public roadways.
 - f) **No Impact.** The project will not affect parking capacity of the area. Construction worker parking will occur in a designated construction staging area accessed from the paved road off Graham Hill. The existing roadside pullouts on Graham Hill Road will not be used for construction parking or equipment staging. The project will not a manned facility and will not increase the demand for parking.
 - g) **No Impact.** The project will not affect public transit, pedestrian access or bicycle routes; the project site is currently not open to the public.

XVII. UTILITIES AND SERVICE SYSTEMS

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) **No Impact.** The proposed project does not include any new wastewater services or facilities. No conflicts or impacts to wastewater treatment requirements would occur.
- b) **Less Than Significant Impact.** The proposed project is the replacement of an existing water tank with a new, larger structure. The larger tank is required to service existing water customers and to provide more emergency storage. This construction will not cause significant environmental effects with implementation of mitigation measures for Biological Resources (see Section IV).
- c) **Less Than Significant Impact.** The proposed project includes on-site stormwater drainage improvements. The proposed improvements include installation of a drain pipe and energy dissipater. Potential impacts to resources are less than significant.

- d) **No Impact.** The proposed project will not result in the need for additional water services. The proposed replacement of an existing water tank. The increased size is for additional emergency water storage.
- e-g) **No Impact.** The proposed project does not affect wastewater and solid waste.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
MANDATORY FINDINGS OF SIGNIFICANCE.				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion

- a) The proposed project was evaluated for the potential effects on the quality of the environment, fish and wildlife species, plant communities, cultural resources and geology and soils; however full implementation of all mitigation measures incorporated into this project would reduce the level of potential significant impacts to less than significant.
- b) The proposed project would have less than significant impacts air quality, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, noise, recreation, transportation and traffic, and utilities and service systems. Potentially significant impacts to biological resources, geology and soils, and cultural resources will be reduced to less than significant with full implementation of mitigation measures incorporated into this project. These individually limited impacts of the project would not be considered cumulatively considerable.
- c) No significant environmental effects have been identified that would have direct or indirect adverse effects on human beings.

CHAPTER III SUMMARY OF MITIGATION MEASURES

Based on the environmental review, the Probation Tank Replacement will not have a significant effect because the following measures will mitigate the potentially significant effects to a less than significant level. The mitigation measures listed below will be required.

PROJECT MITIGATION MEASURES

Biological Resources

Mitigation Measure BIO-1: To avoid and minimize impacts to special status plant species and provide compensation for the removal of Ben Lomond buckwheat and Ben Lomond spineflower plants, SLVWD will implement the following measures:

- During the summer prior to construction, a qualified biologist will collect seed of all the Ben Lomond spineflower plants and Ben Lomond buckwheat plants from within the project impact area, for use in restoration.
- Prior to construction, implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period.
- Following completion of the project the District will restore the 8,520-square foot area of temporary habitat impacts around the tank, which includes the 925-square foot area occupied by the Ben Lomond spineflower. Restoration will include recontouring the soil, preventing erosion, sowing seed of native plant species collected on site, including seed salvaged from Ben Lomond spineflower and Ben Lomond buckwheat during the summer prior to construction, and also plantings native plants from site-collected propagules.
- Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either of two options: Option 1: implement off-site sandhills mitigation at the SLVWD's Olympia Wellfield, a 180-acre property that features sandhills habitat that is of high conservation value and in need of active management to prevent habitat degradation at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts, or Option 2: purchasing conservation credits from the Zayante Sandhills Conservation Bank.

Mitigation Measure BIO-2: To avoid/minimize impacts to Mt. Hermon June beetle and Zayante band-winged grasshopper, SLVWD will implement the following measures:

- Implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period.
- Implement Worker Environmental Awareness Training: A qualified biologist will conduct training sessions to familiarize all construction personnel with

the following: identification of Mount Hermon June beetle, and Zayante band-winged grasshopper, other protected wildlife and plants, as well as their habitat, general provisions and protections afforded by the ESA, measures implemented to protect the species, penalties for violation of the ESA, reporting requirements, and a review of project footprint boundaries. SLVWD and/or their contractor(s) will require all construction employees to participate in the training prior to working on-site.

- Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts or Option 2 - the purchase of conservation credits from the Ben Lomond Sandhills Preserve of the Zayante Sandhills Conservation Bank. Implement the following construction-phase measures in sandhills habitat to minimize effects on sandhills species:
 - The project will be conducted outside the adult activity period for the Mt. Hermon June beetle (May to August) and Zayante band-winged grasshopper (June – October), if at all possible. If soil-disturbing activities occur during the Mt. Hermon June beetle flight season, tarps will be used to cover exposed soil in order to prevent dispersing male beetles from burrowing into the construction site.
 - A qualified biologist will be on site during all ground-disturbing activities to capture any Mt. Hermon June beetles observed in the construction areas and relocate them outside to intact sandhills habitat that supports appropriate soils and vegetation. The biologist will also herd out of harm's way any Zayante band-winged grasshoppers observed in the project area.
 - The project will not entail installation of outdoor lights, which can disrupt the behavior of nocturnal insects including Mt. Hermon June beetle.

Mitigation Measure BIO-3: To avoid impacts to Santa Cruz kangaroo rats, SLVWD will implement the following measures:

- SLVWD will have a qualified biologist survey the grading area within 2 weeks of commencement of work. If any evidence of kangaroo rats is observed within the work area (i.e., burrows), the biologist will implement a trapping program to relocate any kangaroo rats from the graded area. If required, the biologist will obtain permission from CDFW to relocate any kangaroo rats from the work area.
- As kangaroo rats may traverse the work area at night, SLVWD and/or their contractor(s) will cover all construction-related holes in the ground overnight to prevent entrapment of kangaroo rats or other native species. SLVWD and/or their contractor(s) will inspect all construction pipes, culverts, or similar structures that are stored at the work area for one or more nights before the pipe is used or moved. If any kangaroo rats or other wildlife species are present, they will be allowed to exit on their own or an authorized biologist will move them out of the construction area.

Mitigation Measure BIO-4: The SLVWD shall schedule construction (including vegetation removal) to occur during the non-nesting season for birds (e.g. between August and March of any given year). If this is not practicable, the SLVWD shall hire a qualified biologist to conduct pre-construction nesting bird surveys no more than two weeks prior to construction. If nesting birds are observed, the biologist shall establish a buffer zone of adequate size where no construction will take place until the chicks have fledged the nest.

Cultural Resources

Mitigation Measure CULT-1: If during the proposed construction project any evidence of prehistoric or historic archaeological resources is uncovered or encountered, all excavations within 10 meters/30 feet shall be halted until a qualified archaeologist can evaluate the find. If the find is determined to be significant by a qualified archaeologist, appropriate mitigation measures shall be determined and implemented. In the event human remains are found, the County Coroner shall be notified in accordance with provisions of Public Resources Code 5097.98-99. The Native American Heritage Commission shall be notified in accordance with provisions of Public Resources Code section 5097 if the remains are determined to be Native American.

Mitigation Measure CULT-2: During excavation and construction, if a paleontological resource is encountered, work within the area of the resource shall be halted and the resource shall be examined by a qualified paleontologist. If the paleontological resource is found to be significant, SCCS shall comply with the treatment recommendation of the qualified paleontologist. Treatment may include, but is not limited to, specimen recovery and curation or thorough documentation.

Geology and Soils

Mitigation Measure GEO-1: SLVWD shall implement erosion control measures and Best Management Practices (BMPs) consistent with the County's Erosion Control Ordinance and the California Storm Water Best Management Practices handbook. At a minimum, the following measures shall be implemented:

- Use BMPs to retain sediment on the project site, such as the placement of straw/jute wattles, construction fencing, or straw bales at the down slope edge of construction.
- Provide temporary cover of disturbed surfaces to help control erosion during construction, particularly if work is to occur during the rainy season.
- Provide permanent cover to stabilize disturbed surfaces after construction, in coordination with the Low-effect HCP with USFWS and Mitigation measures BIO-1 and BIO-2.
- The total area to be disturbed by the project is less than 1 acre or more; therefore, a Storm Water Pollution Prevention Plan (SWPPP) is not required by the Regional Water Quality Control Board prior to construction; however, the SLVWD will prepare a construction-period erosion control plan and spill prevention plan.

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- Santa Cruz, County of, 2015. Geographic Information System (GISWeb) for Landslide Hazard, Liquefaction Hazard, Fault Zone Hazard, Sensitive Habitat Protection, Significant Trees Protection, Soils, Planning. <http://www.codepublishing.com/ca/santavruzcounty/>.

Santa Cruz, County of, 2015. Santa Cruz County Code, Chapters on Noise, Traffic, Biological Resources, Zoning Regulation, General Plan and Local Coastal Program. 1990-2005.
<http://www.sccoplanning.com/PlanningHome/LongRangePlanning/GeneralPlan.aspx>.

Shaaf & Wheeler, 2014, Technical Memorandum for Probation Tank Replacement. Prepared for Mesiti-Miller Engineering.

URS, 2013. Scotts Valley Multi-Agency Regional Intertie Project Final IS/MND and Appendices. Prepared for the San Lorenzo Valley Water District.

REPORT PREPARATION

This Initial Study/Mitigated Negative Declaration was prepared by the following consultants in coordination with the project design consultant, under the direction of the San Lorenzo Valley Water District.

CEQA Review and Preparation:

Kathleen Lyons, Biotic Resources Group
Jodi McGraw, Jodi McGraw Consulting
Rodney Cahill, P.E., Mesiti-Miller Engineering
Chris George, P.E., Haro, Kasunich and Associates
Pedar Jorgensen, P.E., Shaaf & Wheeler Consulting Civil Engineers

San Lorenzo Valley Water District Contacts:

Brian C. Lee, District Manager
Rick Rogers, Operations Manager
Jennifer Michelsen, Environmental Department Manager

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APPENDIX A
MITIGATION MONITORING AND REPORTING PROGRAM

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MITIGATION AND MONITORING/REPORTING PROGRAM

Mitigation Measures	Party Responsible for Implementation	Agency Responsible for Monitoring	Monitoring Timeline	Monitoring Compliance Record (Name/Date)
<p>BIOLOGICAL RESOURCES</p> <p>Mitigation Measure BIO-1: To avoid and minimize impacts to special status plant species and provide compensation for the removal of Ben Lomond buckwheat and Ben Lomond spineflower plants, SLVWD will implement the following measures:</p> <ul style="list-style-type: none"> ▪ During the summer prior to construction, a qualified biologist will collect seed of all the Ben Lomond spineflower plants and Ben Lomond buckwheat plants from within the project impact area, for use in restoration. ▪ Prior to construction, implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period. ▪ Following completion of the project the District will restore the 8,520-square foot area of temporary habitat impacts around the tank, which includes the 925-square foot area occupied by the Ben Lomond spineflower. Restoration will include recontouring the soil, preventing erosion, sowing seed of native plant species collected on site, including seed salvaged from Ben Lomond spineflower and Ben Lomond buckwheat during the summer prior to construction, and also plantings native plants from site-collected propagules. ▪ Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either of two options: Option 1: implement off-site sandhills mitigation at the SLVWD's Olympia Wellfield, a 180-acre property that features sandhills habitat that is of high conservation value and in need of active management to prevent habitat degradation at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts, or Option 2: purchasing conservation credits from the Zayante Sandhills Conservation Bank. 	SLVWD	SLVWD	Prior to and during construction	

Mitigation Measures	Party Responsible for Implementation	Agency Responsible for Monitoring	Monitoring Timeline	Monitoring Compliance Record (Name/Date)
<p>Mitigation Measure BIO-2: To avoid/minimize impacts to Mt. Hermon June beetle and Zayante band-winged grasshopper, SLVWD will implement the following measures:</p> <ul style="list-style-type: none"> ▪ Implement a construction fencing plan that demarcates construction access routes and staging areas such that inadvertent impacts to special status plant species are avoided. Install construction fencing prior to work and maintain fencing throughout the construction period. ▪ Implement Worker Environmental Awareness Training: A qualified biologist will conduct training sessions to familiarize all construction personnel with the following: identification of Mount Hermon June beetle, and Zayante band-winged grasshopper, other protected wildlife and plants, as well as their habitat, general provisions and protections afforded by the ESA, measures implemented to protect the species, penalties for violation of the ESA, reporting requirements, and a review of project footprint boundaries. SLVWD and/or their contractor(s) will require all construction employees to participate in the training prior to working on-site. ▪ Implement all avoidance and minimization measures in SLVWD's Low-Effect HCP, as approved by USFWS, including either: Option 1 - implementation of habitat enhancement on the SLVWD's Olympia Wellfield property at a 4:1 ratio for permanent impacts and 2:1 ratio of temporary impacts or Option 2 - the purchase of conservation credits from the Ben Lomond Sandhills Preserve of the Zayante Sandhills Conservation Bank. Implement the following construction-phase measures in sandhills habitat to minimize effects on sandhills species: <ul style="list-style-type: none"> • The project will be conducted outside the adult activity period for the Mt. Hermon June beetle (May to August) and Zayante band-winged grasshopper (June – October), if at all possible. If soil-disturbing activities occur during the Mt. Hermon June beetle flight season, tarps will be used to cover exposed soil in order to prevent dispersing male beetles from burrowing into the construction site. • A qualified biologist will be on site during all ground-disturbing activities to 	SLVWD	SLVWD	Prior to, during and after construction	

Mitigation Measures	Party Responsible for Implementation	Agency Responsible for Monitoring	Monitoring Timeline	Monitoring Compliance Record (Name/Date)
<p>capture any Mt. Hermon June beetles observed in the construction areas and relocate them outside to intact sandhills habitat that supports appropriate soils and vegetation. The biologist will also herd out of harm's way any Zayante band-winged grasshoppers observed in the project area.</p> <ul style="list-style-type: none"> The project will not entail installation of outdoor lights, which can disrupt the behavior of nocturnal insects including Mt. Hermon June beetle. 				
<p>Mitigation Measure BIO-3: To avoid impacts to Santa Cruz kangaroo rats, SL VWD will implement the following measures:</p> <ul style="list-style-type: none"> SL VWD will have a qualified biologist survey the grading area within 2 weeks of commencement of work. If any evidence of kangaroo rats is observed within the work area (i.e., burrows), the biologist will implement a trapping program to relocate any kangaroo rats from the graded area. If required, the biologist will obtain permission from CDFW to relocate any kangaroo rats from the work area. As kangaroo rats may traverse the work area at night, SL VWD and/or their contractor(s) will cover all construction-related holes in the ground overnight to prevent entrapment of kangaroo rats or other native species. SL VWD and/or their contractor(s) will inspect all construction pipes, culverts, or similar structures that are stored at the work area for one or more nights before the pipe is used or moved. If any kangaroo rats or other wildlife species are present, they will be allowed to exit on their own or an authorized biologist will move them out of the construction area. 	SL VWD	SL VWD	Prior to, during and after construction	
<p>Mitigation Measure BIO-4: The SL VWD shall schedule construction (including vegetation removal) to occur during the non-nesting season for birds (e.g. between August and March of any given year). If this is not practicable, the SL VWD shall hire a qualified biologist to conduct pre-construction nesting bird surveys no more than two weeks prior to construction. If nesting birds are observed, the biologist shall establish</p>	SL VWD	SL VWD	Prior to and during construction	

Mitigation Measures	Party Responsible for Implementation	Agency Responsible for Monitoring	Monitoring Timeline	Monitoring Compliance Record (Name/Date)
a buffer zone of adequate size where no construction will take place until the chicks have fledged the nest.				
CULTURAL RESOURCES				
<p>Mitigation Measure CULT-1: If during the proposed construction project any evidence of prehistoric or historic archaeological resources is uncovered or encountered, all excavations within 10 meters/30 feet shall be halted until a qualified archaeologist can evaluate the find. If the find is determined to be significant by a qualified archaeologist, appropriate mitigation measures shall be determined and implemented. In the event human remains are found, the County Coroner shall be notified in accordance with provisions of Public Resources Code 5097.98-99. The Native American Heritage Commission shall be notified in accordance with provisions of Public Resources Code section 5097 if the remains are determined to be Native American.</p>	SLVWD	SLVWD	During construction	
<p>Mitigation Measure CULT-2: During excavation and construction, if a paleontological resource is encountered, work within the area of the resource shall be halted and the resource shall be examined by a qualified paleontologist. If the paleontological resource is found to be significant, SCCS shall comply with the treatment recommendation of the qualified paleontologist. Treatment may include, but is not limited to, specimen recovery and curation or thorough documentation.</p>	SLVWD	SLVWD	During construction	
GEOLOGY AND SOILS				
<p>Mitigation Measure GEO-1: SLVWD shall implement erosion control measures and Best Management Practices (BMPs) consistent with the County's Erosion Control Ordinance and the California Storm Water Best Management Practices handbook. At a minimum, the following measures shall be implemented:</p> <ul style="list-style-type: none"> ▪ Use BMPs to retain sediment on the project site, such as the placement of straw/jute wattles, construction fencing, or straw bales at the down slope edge of construction. ▪ Provide temporary cover of disturbed surfaces to help control erosion during 	SLVWD	SLVWD	During construction	

PROBATION TANK REPLACEMENT IS/MIND
SAN LORENZO VALLEY WATER DISTRICT

Mitigation Measures	Party Responsible for Implementation	Agency Responsible for Monitoring	Monitoring Timeline	Monitoring Compliance Record (Name/Date)
<p>construction, particularly if work is to occur during the rainy season.</p> <ul style="list-style-type: none"> ▪ Provide permanent cover to stabilize disturbed surfaces after construction, in coordination with the Low-effect HCP with USFWS and Mitigation measures BIO-1 and BIO-2. ▪ The total area to be disturbed by the project is less than 1 acre or more; therefore, a Storm Water Pollution Prevention Plan (SWPPP) is not required by the Regional Water Quality Control Board prior to construction; however, the SLVWD will prepare a construction-period erosion control plan and spill prevention plan. 				



SAN LORENZO VALLEY WATER DISTRICT

13060 Highway 9 • Boulder Creek, CA 95006-9119
Office (831) 338-2153 • Fax (831) 338-7986
Website: www.slvwd.com

SAN LORENZO VALLEY WATER DISTRICT **Notice of Intent to** Adopt a Mitigated Negative Declaration

The San Lorenzo Valley Water District is preparing to adopt a Mitigated Negative Declaration for the following proposed project:

Project: Probation Tank Replacement Project

Project Location: 3650 Graham Hill Road, Felton CA located in the San Lorenzo Valley in unincorporated Santa Cruz County

Project Applicant: San Lorenzo Valley Water District

Project Description: The proposed project consists of replacing the existing 100,000 gallon redwood storage tank with one 527,000 gallon welded steel storage tank an 8' wide maintenance access path around the tank, two retaining walls, drainage improvements and utility upgrades. The project would have a total disturbance envelope of 18,800 square feet (0.43 acre).

Significant Effects on the Environment: Potential significant impacts were identified related to biological resources and cultural resources and geology, soils, & seismicity which can be mitigated to a less-than-significant level with mitigation measures included in the Mitigated Negative Declaration. The San Lorenzo Valley Water District has reviewed the proposed project and has determined that the project, with mitigation measures as conditions of project approval, will not have a significant effect on the environment.

A copy of the Mitigated Negative Declaration and Initial Study may be reviewed or obtained at the address below or is available online at www.slvwd.com

San Lorenzo Valley Water District
RE: Probation Tank Replacement Comments
13060 Highway 9
Boulder Creek, CA 95006-9119

Comments on the Mitigated Negative Declaration should be in writing to the San Lorenzo Valley Water District address listed above or by email to bod@slvwd.com from April 17, 2017 through May 18, 2017. The San Lorenzo Valley Water District Board of Directors will consider the proposed Mitigated Negative Declaration at a public hearing following the comment period on May 18, 2017 at 6:30 PM at the regularly scheduled Board of Directors meeting located at 13057 Hwy 9, Boulder Creek, CA.

If you have any questions or comments, please contact Jen Michelsen 831 430-4627 or at bod@slvwd.com.

NOI Letters sent to adjacent parcel owners & Resource Agencies:

To Whom It May Concern
P.O. Box 52427
Atlanta GA, 30355
RE: Quarry 067-021-21

To Whom It May Concern
P.O. Box 413
Mt. Hermon CA, 95041
RE:061-371-09

To Whom It May Concern
303 Big Trees Park Rd.
Felton, CA 95018
RE: 061-431-01

City of Scotts Valley Planning
Taylor Bateman Resource Planner
One Civic Center Drive
Scotts Valley, CA 95066
TBateman@scottsvally.org
RE: 061-371-15

County of Santa Cruz
Planning Department
Attention: Jessica Duktig
701 Ocean St. Rm. 400
Santa Cruz, CA 95060
Jessica.duktig@co.santa-cruz.ca.us

US Fish & Wildlife Service
Main Office
Doug Cooper
2793 Portola Road, Suite B
Ventura, CA 93003
(805) 644-1766 ext 272

MEMO

TO: Board of Directors
FROM: District Manager
SUBJECT: THE REDWOOD MOUNTAIN FAIRE
DATE: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review this memo and by motion of the Board approve the request for District Support of the Redwood Mountain Faire.

BACKGROUND:

For the past 7 years the District has supported The Redwood Mountain Faire by supplying bulk water and a diesel generator. The District supplied a 500 gallon bulk water tank with a cold box dispenser and a 60kw rental generator for operation of various activities.

By correspondence dated March 21, 2017 The Redwood Mountain Faire has again requested District support by supplying the same equipment. The Redwood Mountain Faire will be held at Roaring Camp on June 3 & 4, 2017. Total cost to the District to participate in the Faire as requested is estimated not to exceed \$1,500.

It is recommended that the Board of Directors to review this memo and by motion of the Board approve the request for District support of The Redwood Mountain Faire.

FISCAL IMPACT:

\$1,500

2015 STRATEGIC PLAN:

Strategic Element 5.1: Develop Strategic Partnerships with other agencies

Holly Morrison

From: Rick Rogers
Sent: Wednesday, April 12, 2017 4:10 PM
To: Holly Morrison
Subject: FW: 2017 Redwood Mountain Faire

Follow Up Flag: Follow up
Flag Status: Flagged

Holly, fyi below

From: Violet Smith [mailto:violet@redwoodmountainfaire.com]
Sent: Thursday, March 23, 2017 3:40 PM
To: Rick Rogers
Cc: Brian Lee; James Furtado
Subject: Re: 2017 Redwood Mountain Faire

Hi Rick,

Thank you for the email. Yes. We were hoping SLVWD would be able to supply water and a generator again this year for the Faire. Would you like me to submit a written letter of request to the board or is this email correspondence sufficient? Looking forward to working together again this year. Your involvement has been wonderful over the last seven years!

Best,

Violet

On Thu, Mar 23, 2017 at 10:38 AM, Rick Rogers <rrogers@slvwd.com> wrote:

Violet,

Past Faire we have supplied drinking water and a 45 kw generator. Will you be wanting a generator this year? As in the past we will set up first thing Friday morning and pick up first thing Monday morning.

Rick

Rick Rogers

Director of Operations
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek CA 95006

Office 831-430-4624

Fax 831-338-8002

e-mail rrogers@slvwd.com

From: Brian Lee
Sent: Wednesday, March 22, 2017 9:16 AM
To: Violet Smith
Cc: Rick Rogers
Subject: Re: Partnership for the 2017 Redwood Mountain Faire

We are looking forward to participating once again in the Faire. It is an awesome event and the District is proud to support. We will bring this to the Board in April for their approval.

Rick remains our contact and coordination expert for the event. Please work with him directly.

Brian

Brian C. Lee, District Manager - 831.338.2153

San Lorenzo Valley Water District

13060 Highway 9

Boulder Creek, CA 95006

From: Violet Smith <violet@redwoodmountainfaire.com>
Date: Tuesday, March 21, 2017 at 8:03 PM
To: Brian Lee <blee@slvwd.com>
Subject: Partnership for the 2017 Redwood Mountain Faire

Hi Brian,

I wanted to get dialog going regarding the SLVWD participating in the 2017 Redwood Mountain Faire. For the past seven years, we have put on a two-day music festival at Roaring Camp and partnered with the SLVWD to provide drinking water to attendees. We have a spot on the meadow where the water truck is parked all weekend long and someone from your staff is on site to help ensure it is functioning properly. Will the SLVWD be participating again this year? Please let me know if I should mail a formal request to the board. Thank you for your support all these years!

Best,

Violet

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The purpose of the Redwood Mountain Faire is to bring together the people of the San Lorenzo Valley to celebrate community, to showcase arts and music, and to raise funds for diverse participating local non-profits and service organizations.

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The purpose of the Redwood Mountain Faire is to bring together the people of the San Lorenzo Valley to celebrate community, to showcase arts and music, and to raise funds for diverse participating local non-profits and service organizations.

MEMO

To: Board of Directors
From: District Manager
Subject: LOMPICO SURCHARGE
Date: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors affirm and ratify the Lompico Surcharge.

BACKGROUND:

On June 1st, 2016, the District merged with Lompico County Water District (LCWD) through a Local Agency Formation Commission process. The merger was predicated on an agreement signed by both Districts (attached as LAFCO Resolution 953-A). A condition of that agreement was a Lompico Surcharge, “...*in order to cover the difference between SLVWD’s estimated revenues collected in Lompico and SLVWD’s estimated operating costs in Lompico...*”.

In October 2016, to ensure fairness and equity to all 8,000 District customers, including the 500 Lompico Service Area customers, the Board committed to review the Lompico Surcharge after the final LCWD Audit (partial 15/16) was completed.

Staff has attached its analysis of revenue and costs for the Lompico Service Area.

Post-merger the Lompico Service Area remains underfunded approximately \$10,700 per month. This shortfall includes all of the attached recognized revenues and expenses, including the Lompico Surcharge, for the first seven-month period post-merger.

STRATEGIC PLAN:

Element 5.0 - Fiscal Planning

FISCAL IMPACT:

None

LOCAL AGENCY FORMATION COMMISSION
RESOLUTION NO. 953-A

On the motion of Commissioner Coonerty
Duly seconded by Commissioner Dodge
The following resolution is adopted:

MAKING DETERMINATIONS AND ORDERING PROTEST PROCEEDINGS
OF TERRITORY DESIGNATED AS THE LOMPICO REORGANIZATION
LAFCO NO. 953-A

The Santa Cruz Local Agency Formation Commission does hereby RESOLVE,
DETERMINE, AND ORDER as follows:

1. A resolution for the proposed annexation of certain territory was filed by Resolution No. 128-2013 of the Lompico County Water District and Resolution No. 31 (13-14) of the San Lorenzo Valley Water District, pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 (Government Code Section 56000 et seq.); and the territory is assigned the short term designation of the "Lompico Reorganization, LAFCO No. 953-A".
2. The reorganization consists of the following changes of organization:
 - Dissolution of the Lompico County Water District,
 - Annexation of territory to the San Lorenzo Valley Water District.
3. The Executive Officer of the Commission has reviewed the resolutions; has prepared a report, including his recommendations thereon; and has presented the same before this Commission for consideration.
4. Public hearing by the Commission was held on August 6, 2014; and at the hearing the Commission heard and received all oral and written protests, objections, and evidence that were presented.
5. Said territory includes approximately 757 acres and is found to be inhabited for purposes of reorganization law.
6. The boundaries of the area of the proposed reorganization are approved as revised to include the annexation of parcels on Zayante Drive and as shown on Exhibit A.
7. The approval of this reorganization is conditioned upon the following terms and conditions:
 - A) INFRASTRUCTURE BOND
Prior to the filing of the Certificate of Completion, a Community Facilities District bond or similar revenue instrument shall be passed by the voters

and/or property owners of the Lompico service area so that proceeds not greater than \$2.75 million will go to the San Lorenzo Valley Water District (SLVWD) for the purposes of infrastructure improvements solely for the benefit of the Lompico service area. If a grant or other source of funds can be secured to make infrastructure improvements that are programmed to be included in the not-to-exceed \$2.75 million of bond proceeds, or if the costs of the programmed improvements are lower, the amount of the bond proceeds can be a lesser amount if authorized in writing by the San Lorenzo Valley Water District Board following consideration of the reduction at a public meeting of that board.

B) BOND OVERSIGHT COMMITTEE

Upon distribution of the bond proceeds, SLVWD shall establish a citizens' bond oversight committee consisting of five Lompico water customers to review expenditure of the bond proceeds on projects that directly benefit Lompico.

C) LOAN PAYBACK

Prior to the filing of the Certificate of Completion, Lompico County Water District shall pay the entire amount due on the PERS Side Fund Loan Agreement that was executed on July 30, 2013 by and between Lompico County Water District and San Lorenzo Valley Water District.

D) LOMPICO WATER RATES AND CHARGES

SLVWD shall bill the Lompico customers of SLVWD the same rates as the other customers within SLVWD. However, prior to filing of the Certificate of Completion, in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico, Lompico County Water District shall enact a reduction in their water rates, effective only upon the reorganization, so that \$140,000 in excess of the amount generated by SLVWD rates would be collected in the first year following the effective date of the reorganization. LAFCO shall authorize SLVWD to continue to collect these Lompico charges after the reorganization. Prior to the Certificate of Completion being filed, SLVWD will deliver a letter to the LAFCO Executive Officer indicating that the charges adopted by the Lompico County Water District are structured in a manner that SLVWD is willing to implement. The Lompico charges shall not exceed the following amounts:

<u>Year</u>	<u>Beginning</u>	<u>Per Month</u> <u>Per Connection</u>
1	Upon the effective date of the reorganization	\$23.50
2	One year after effective date of the reorganization	\$19.50
3	Two years after effective date of the reorganization	\$8.50
4	Three years after effective date of the reorganization	\$5.50
5	Four years after effective date of the reorganization	\$5.50

The Lompico charges shall be phased out no later than five years after the effective date of the reorganization.

- E) The proponent districts shall provide a legal map, description, and fees to meet State Board of Equalization requirements.
 - F) The proponent districts shall be responsible to pay any fees required to comply with Fish and Game Code Section 711.4 (Fish and Game Fees required when notices of environmental decisions are filed).
 - G) The proponent districts shall pay any remaining processing fees as set in this Commission's Schedule of Fees and Deposits.
 - H) Prior to issuance of a Certificate of Completion for this reorganization, the proponent districts shall deliver an executed indemnification agreement that is in a form that is acceptable to this Commission and suitable for recordation.
8. This project qualifies for a Class 19 Categorical Exemption (annexation of existing facilities) and a Class 20 Categorical Exemption (consolidation or two or more districts having identical powers) from further analysis under the California Environmental Quality Act.
 9. Upon completion of this reorganization, the property tax revenues will be transferred in accordance with the Board of Supervisors tax exchange resolution (No. 158-2014) adopted for the Lompico Reorganization.
 10. Upon completion of this reorganization, all assets and liabilities of Lompico County Water District shall transfer to the San Lorenzo Valley Water District.
 11. The reorganization, as approved, is consistent with the Spheres of Influence of the Lompico County Water District and the San Lorenzo Valley Water District as amended by LAFCO Resolution No. 953 on August 6, 2014.
 12. This Commission hereby approves this reorganization, as conditioned, and directs the Executive Officer to conduct protest proceedings in accordance with State law.

PASSED AND ADOPTED by the Local Agency Formation Commission in the County of Santa Cruz this sixth day of August 2014.

AYES: R. Anderson, Bottorff, Coonerty, Dodge, Friend, Rapoza, Chairperson J. Anderson

NOES: None

ABSENT: None

/original signed/

JAMES W. ANDERSON, CHAIRPERSON
Santa Cruz Local Agency Formation Commission

Attest:

/original signed/

Patrick M. McCormick, Executive Officer

Approved as to form:

/original signed/

LAFCO Counsel

01-Jun-16	Starting Balance	\$	245,268
	Lompico Revenue	\$	182,130
	Lompico Surcharge	\$	80,873
	Lompico Field Labor	\$	(144,709)
	Lompico share of Support Cost	\$	(167,692)
	Lompico One Time Expenses	\$	(140,904)
	Lompico Capital Exp Excl. AD	\$	(77,672)
	<u>Lompico Field Expenses</u>	\$	<u>(53,809)</u>
31-Dec-16	Sum to Date	\$	(76,516)
	<u>Lompico Depreciation</u>	\$	<u>(51,397)</u>
	Sum w/ Dep.	\$	(127,913)

Lompico County Water District Final Audit, Page 26	
Cash & Cash Equivalents	\$ 284,207
Accounts Receivable	\$ 39,436
Accounts Payable and accrued expenses	\$ (60,125)
Unearned revenues - customer deposits	\$ (18,250)
Starting Balance	\$ 245,268

SLVWD Final Budget 16/17	
Admin Department	\$ 1,041,838
Finance Department	\$ 707,048
Engineering Department	\$ 179,531
Watershed Department	\$ 619,421
Supply and Treatment	\$ 2,051,706
Support Total, Yearly	\$ 4,599,544
Support Total, Monthly	\$ 383,295.33
Lompico Service Area, Monthly	\$ 23,955.96

	Customers
SLVWD Total	8000
Lompico Service Area	500
Ratio	6.25%

EXPENSE DETAIL

CAPITAL PROJECTS

FISCAL PERIOD	FISCAL YEAR	AMOUNT	DESCRIPTION	TASK CODE	PROJECT
12	2016	\$ 8,109.22	BOOSTER PUMP	CAP-1516009A	Lompico Booster Pump
12	2016	\$ 882.00	LOMPICO ENCROACHMENT PERMIT	CAP-1516009A	Main Replacement
2	2017	\$ 5,085.30	LOMPICO ROAD WATER MAIN REPLACEMENT	CAP-1516009A	Main Replacement
3	2017	\$ 3,622.02	LOMPICO RD MAIN REPLACEMENT_8/1 - 8/31/16	CAP-1516009A	Main Replacement
5	2017	\$ 2,284.20	LOMPICO RD WATER MAIN REPLACEMENT	CAP-1516009A	Main Replacement
4	2017	\$ 2,684.52	LOMPICO/CREEKWOOD MAIN REPLACEMENT	CAP-1516009A	Main Replacement
4	2017	\$ 55,005.00	LOMPICO / CREEKWOOD PIPELINE RELOCATION	CAP-1516009A	Main Replacement
		\$ 77,672.26			

LOMPICO EXPENSES

One Time Expenses

FISCAL PERIOD	FISCAL YEAR	AMOUNT	DESCRIPTION	TASK CODE
4	2017	\$ 123,467.00	LOMPICO CALPERS UAL PAYMENT	EXP-1516004A
4	2017	\$ 202.50	ACCOUNTING SERVICES_LOMPICO	EXP-1516004A
5	2017	\$ 434.30	SERVICE RENDERED FOR LWD	EXP-1516004A
6	2017	\$ 1,500.00	AUDIT SERVICES_LOMPICO	EXP-1516004A
4	2017	\$ 8,000.00	AUDIT SERVICES_SEPT 2016_LOMPICO	EXP-1516004A
5	2017	\$ 2,000.00	SERVICES RENDERED_OCT 2016	EXP-1516004A
5	2017	\$ 5,000.00	LOMPICO_PROPERTY DEDUCTABLE	EXP-1516004A
4	2017	\$ 300.00	LOMPICO MERGER REIMBURSEMENT	EXP-1516004A
		\$ 140,903.80		

Expenses

FISCAL PERIOD	FISCAL YEAR	AMOUNT	DESCRIPTION	TASK CODE
1	2017	\$ 254.59	CONDUIT MISC WIRING FITTINGS	EXP-1516004A
3	2017	\$ 20.00	BUILDING MAINTENANCE_LOMPICO	EXP-1516004A

12	2016	\$	49.18	PM/WO Dist Batch - IC1 - 00003.06.2016	EXP-1516004A
12	2016	\$	36.85	PM/WO Dist Batch - IC1 - 00005.06.2016	EXP-1516004A
12	2016	\$	5.99	PM/WO Dist Batch - IC1 - 00006.06.2016	EXP-1516004A
3	2017	\$	196.00	WATER ANALYSIS_LEWIS WELL	EXP-1516004A
3	2017	\$	116.00	WATER ANALYSIS_LOMPICO GEN PHYSICAL	EXP-1516004A
5	2017	\$	1,331.72	ELECTRIC CHARGES_LOMPICO PUMP STATION	EXP-1516004A
2	2017	\$	141.93	ELECTRIC CHARGES_11590 LAKESHORE DR	EXP-1516004A
2	2017	\$	17.91	ELECTRIC CHARGES_CARROL & LOMPICO	EXP-1516004A
6	2017	\$	19.06	ELECTRIC CHARGES_COMMUNTIY WELL	EXP-1516004A
2	2017	\$	112.68	ELECTRIC CHARGES_LOMPICO RD	EXP-1516004A
2	2017	\$	198.57	ELECTRIC CHARGES_LOMPICO RD	EXP-1516004A
6	2017	\$	391.99	ELECTRIC CHARGES_MADRONE BOOSTER	EXP-1516004A
6	2017	\$	171.81	ELECTRIC CHARGES_PUMP	EXP-1516004A
6	2017	\$	138.55	ELECTRIC CHARGES_PUMPING STATION	EXP-1516004A
6	2017	\$	21.43	ELECTRIC CHARGES_PUMP-WELL #6	EXP-1516004A
2	2017	\$	15.77	ELECTRIC CHARGES_WEST DR	EXP-1516004A
6	2017	\$	1,096.85	ELECTRIC CHARGES_ZAYANTE/ROSEBLOOM	EXP-1516004A
5	2017	\$	182.47	GAS/ELECTRIC CHARGES_11255 LOMPICO RD	EXP-1516004A
5	2017	\$	324.67	GAS/ELECTRIC CHARGES_11590 LAKESHORE DR	EXP-1516004A
5	2017	\$	19.06	GAS/ELECTRIC CHARGES_COMMUNITY WELL	EXP-1516004A
5	2017	\$	21.63	GAS/ELECTRIC CHARGES_PUMP WELL #6	EXP-1516004A
5	2017	\$	144.51	GAS/ELECTRIC CHARGES_PUMPING STATION	EXP-1516004A
2	2017	\$	248.83	TELEPHONE CHARGES_LOMPICO	EXP-1516004A
5	2017	\$	234.34	TELEPHONE SERVICE_LOMPICO	EXP-1516004A
12	2016	\$	1,002.68	FACILITY SIGNS	EXP-1516004A
4	2017	\$	44.95	3/4" AGG BASE_LEWIS TANK_LOMPICO	EXP-1516004A
4	2017	\$	47.41	BASE ROCK_LEWIS TANK	EXP-1516004A
1	2017	\$	314.60	LOMPICO BOOSTER PUMP SEAL KIT	EXP-1516004A
12	2016	\$	59.97	FLUSHING SIGNS	EXP-1516004A
2	2017	\$	14.09	HOSE BIB TAPE	EXP-1516004A
5	2017	\$	17.35	HOSE BIB FITTING_LOMPICO	EXP-1516004A
12	2016	\$	58.31	LEWIS TANK	EXP-1516004A
6	2017	\$	43.10	LOMPICO BOOSTER REPAIRS	EXP-1516004A
6	2017	\$	53.57	LOMPICO HEATER OIL	EXP-1516004A

3	2017	\$	54.12	LOMPICO METER CHANGE_SHOVEL PRUNERS	EXP-1516004A
2	2017	\$	81.08	LOMPICO METER C-O-P	EXP-1516004A
12	2016	\$	21.78	LOMPICO SIGN MATERIALS	EXP-1516004A
12	2016	\$	43.49	METAL FILE	EXP-1516004A
6	2017	\$	17.11	MISC SCREWS_LOMPICO BOOSTER	EXP-1516004A
3	2017	\$	19.19	MISC SUPPLIES_LOMPICO	EXP-1516004A
2	2017	\$	82.54	PVC FOR TANK LEVELS	EXP-1516004A
6	2017	\$	(52.46)	RETURN CREDIT_FROM 553002	EXP-1516004A
2	2017	\$	26.02	SAMPLE FAUCETS	EXP-1516004A
6	2017	\$	72.84	SAWZALL BLADES	EXP-1516004A
12	2016	\$	59.97	SIGN SPRAY	EXP-1516004A
3	2017	\$	64.37	DESK PLATE HOLDERS_LOMPICO OVERSIGHT COMMITTEE	EXP-1516004A
3	2017	\$	78.84	NAME PLATES_LOMPICO OVERSIGHT COMMITTEE	EXP-1516004A
12	2016	\$	31.92	LOMPICO PARTS	EXP-1516004A
12	2016	\$	12.89	LOMPICO SIGN PARTS	EXP-1516004A
12	2016	\$	(143.12)	LOMPICO SIGN PARTS - RETURN CREDIT	EXP-1516004A
12	2016	\$	182.63	MISC PARTS FOR LEWIS TANK	EXP-1516004A
12	2016	\$	4,217.10	PRESSURE TRANSMITTERS	EXP-1516004A
12	2016	\$	476.58	LOMPICO INTERTIE	EXP-1516004A
5	2017	\$	97.68	LOMPICO EXPENSE PM/WO Dist Batch - AP - 00007.11.2016	EXP-1516004A
5	2017	\$	2,149.99	LOMPICO EXPENSE PM/WO Dist Batch - AP - 00010.10.2016	EXP-1516004A
5	2017	\$	171.04	LOMPICO EXPENSE PM/WO Dist Batch - AP - 00021.10.2016	EXP-1516004A
5	2017	\$	978.37	LOMPICO EXPENSE PM/WO Dist Batch - IC1 - 00001.11.2016	EXP-1516004A
5	2017	\$	328.14	LOMPICO EXPENSE PM/WO Dist Batch - IC1 - 00003.11.2016	EXP-1516004A
4	2017	\$	15.79	LOMPICO EXPENSE PM/WO Dist Batch - IC1 - 00004.10.2016	EXP-1516004A
3	2017	\$	568.00	HAZMAT FEES_LOMPICO	EXP-1516004A
2	2017	\$	916.52	MADRONE BOOSTER	EXP-1516004A
3	2017	\$	2,904.71	PUMP CONTROL_LOMPICO	EXP-1516004A
2	2017	\$	3,482.05	SOFT STARTER REPLACEMENT	EXP-1516004A
3	2017	\$	577.34	TRANSIENT PROTECTOR_LOMPICO	EXP-1516004A
12	2016	\$	493.43	DCHLOR TABS	EXP-1516004A
4	2017	\$	470.00	6" HOT TAP_LOMPICO	EXP-1516004A
1	2017	\$	77.80	TRIPOD FOR SOLAR MAST	EXP-1516004A
1	2017	\$	21.14	DUPLICATE KEYS-TRK 226 LOMPICO	EXP-1516004A

12	2016	\$	953.33	LOMPICO REPLACEMENT LOCKS	EXP-1516004A
12	2016	\$	272.00	RE-KEY DIST. LOCKS/ FAC2	EXP-1516004A
2	2017	\$	240.50	REKEY LOMPICO	EXP-1516004A
2	2017	\$	597.45	RE-KEY LOMPICO LOCKS	EXP-1516004A
2	2017	\$	3,044.82	LOMPICO-TRUCK MAJOR SERVICE/TIRES	EXP-1516004A
1	2017	\$	7,615.15	LOMPICO MAIN REPLACEMENT_6/1 - 6/31/16	EXP-1516004A
1	2017	\$	183.28	LOMPICO CELL PHONE	EXP-1516004A
1	2017	\$	216.88	LOMPICO LEWIS TANK FLOAT	EXP-1516004A
5	2017	\$	10.00	LEAD _11214 OCEANVIEW	EXP-1516004A
3	2017	\$	80.00	LEAD TOTAL ICAP/MS_LOMPICO	EXP-1516004A
3	2017	\$	100.00	LEAD TOTALS @ HYDRANTS_LOMPICO	EXP-1516004A
3	2017	\$	50.00	LEAD TOTALS_LOMPICO	EXP-1516004A
5	2017	\$	80.00	LEAD TOTALS_LOMPICO	EXP-1516004A
4	2017	\$	605.00	LOMPICO CREEK WATER ANALYSIS	EXP-1516004A
3	2017	\$	40.00	SAMPLES_LAKE BLVD	EXP-1516004A
3	2017	\$	150.00	WATER ANALYSIS_11333 OCEANVIEW	EXP-1516004A
5	2017	\$	400.00	WATER ANALYSIS_CREEKWOOD LAKE BLVD	EXP-1516004A
3	2017	\$	400.00	WATER ANALYSIS_LAKE BLVD CREEKWOOD DR	EXP-1516004A
5	2017	\$	750.00	WATER ANALYSIS_LEWIS WELL	EXP-1516004A
5	2017	\$	440.00	WATER ANALYSIS_LOMPICO	EXP-1516004A
5	2017	\$	120.00	WATER ANALYSIS_LOMPICO	EXP-1516004A
5	2017	\$	40.00	WATER ANALYSIS_OCEANVIEW	EXP-1516004A
6	2017	\$	35.00	WATER ANALYSIS_OCEANVIEW_LOMPICO	EXP-1516004A
3	2017	\$	227.21	COAX CABLE	EXP-1516004A
12	2016	\$	1,142.19	14" TIGER TOOTH DIAMOND SAW BLADES	EXP-1516004A
4	2017	\$	3,420.58	HYDRANT REPLACEMENT_11140 LOMPICO RD	EXP-1516004A
12	2016	\$	1,820.00	PLUMBING	EXP-1516004A
4	2017	\$	86.13	INTERNET SERVICE_11225 LOMPICO RD	EXP-1516004A
2	2017	\$	81.38	INTERNET SERVICE_11255 LOMPICO RD	EXP-1516004A
4	2017	\$	162.12	INTERNET SERVICE_545 FALL CREEK DR	EXP-1516004A
6	2017	\$	86.13	INTERNET_11255 LOMPICO RD	EXP-1516004A
6	2017	\$	86.13	INTERNET_11255 LOMPICO RD	EXP-1516004A
12	2016	\$	231.87	LOMPICO TRK. RADIO	EXP-1516004A
4	2017	\$	1,156.42	QUARTERLY ADMIN FEES 10/1-12/31/16	EXP-1516004A

12	2016	\$	1,016.00	PARTS FOR LOMPICO WTP	EXP-1516004A
5	2017	\$	2.81	NIPPLE GALV 2" X 0"	EXP-1516004A
5	2017	\$	3.26	NIPPLE GALV 2" X 2-1/2"	EXP-1516004A
5	2017	\$	81.30	CORP PIPE-COPPER IP 1"	EXP-1516004A
5	2017	\$	116.53	VALVE BOX G5 BOX	EXP-1516004A
5	2017	\$	42.50	PIPE POLY 200 PSI CTS 1" SDR9	EXP-1516004A
5	2017	\$	3.19	PLUG GALV 2"	EXP-1516004A
5	2017	\$	100.56	VALVE BOX LID G5 CAST IRON	EXP-1516004A
5	2017	\$	5.59	NIPPLE GALV 2" X 5-1/2"	EXP-1516004A
5	2017	\$	1.65	ELL 90 GALV 1"	EXP-1516004A
5	2017	\$	7.57	TEE GALV 2"	EXP-1516004A
1	2017	\$	0.69	NIPPLE GALV 3/4" X 0"	EXP-1516004A
5	2017	\$	38.78	METER BOX B36	EXP-1516004A
5	2017	\$	312.74	GATE VALVE 2" SQ NUT/250 PSI	EXP-1516004A
5	2017	\$	40.51	MTR BOX LID B36 W/CON READ LID	EXP-1516004A
5	2017	\$	312.74	GATE VALVE 2" SQ NUT/250 PSI	EXP-1516004A
5	2017	\$	2.39	NIPPLE GALV 1" X 6"	EXP-1516004A
5	2017	\$	5.99	PIPE GALV SCHED 40 2" (21')	EXP-1516004A
5	2017	\$	1.93	COUPLING GALV 1"	EXP-1516004A
5	2017	\$	33.10	SADDLE DS 4.25 - 4.50 X 1"	EXP-1516004A
5	2017	\$	3.27	NIPPLE GALV 2" X 6"	EXP-1516004A
5	2017	\$	1.57	NIPPLE GALV 1" X 4"	EXP-1516004A
5	2017	\$	3.27	NIPPLE GALV 2" X 6"	EXP-1516004A
5	2017	\$	48.76	MTR BOX LID B36 W/CASTIRN READ	EXP-1516004A
5	2017	\$	2.63	NIPPLE GALV 2" X 3"	EXP-1516004A
5	2017	\$	13.92	ELL 90 STREET GALV 2"	EXP-1516004A
5	2017	\$	21.25	PIPE POLY 200 PSI CTS 1" SDR9	EXP-1516004A
5	2017	\$	69.47	GATE VALVE 2"	EXP-1516004A
5	2017	\$	2.67	CAP GALV 2"	EXP-1516004A
5	2017	\$	16.75	COPR-PIPE MALE 1"	EXP-1516004A
1	2017	\$	1.41	TEE GALV 3/4"	EXP-1516004A
5	2017	\$	9.81	NIPPLE GALV 2" X 6"	EXP-1516004A
4	2017	\$	(20.00)	Void 00037	EXP-1516004A
		\$	52,995.49		

Lompico Expense Report

LOMPICO GENERAL

FISCAL PERIOD	FISCAL YEAR	AMOUNT	DESCRIPTION	TASK CODE
4	2017	\$ 299.78	LOMPICO GENERAL PM/WO Dist Batch - AP - 00013.09.2016	EXP-1617001A
4	2017	\$ 75.77	LOMPICO GENERAL PM/WO Dist Batch - IC1 - 00003.10.2016	EXP-1617001A
5	2017	\$ 219.20	LOMPICO GENERAL PM/WO Dist Batch - IC1 - 00003.11.2016	EXP-1617001A
5	2017	\$ 7.65	4" NUT & BOLT SET PLATED 150#	EXP-1617001A
5	2017	\$ 207.72	14" Tigertooth supergrit diamond blade	EXP-1617001A
5	2017	\$ 3.83	FLANGE RING GASKETS 4" NO BLT	EXP-1617001A
		\$ 813.95		

EXPENSES, labor only

Check Date	Lompico Expense	Lompico General	sum
6/8/16 \$	5,385.89 \$	- \$	5,385.89
6/22/16 \$	13,727.63 \$	- \$	13,727.63
7/6/16 \$	11,066.51 \$	- \$	11,066.51
7/20/16 \$	7,659.43 \$	- \$	7,659.43
8/3/16 \$	9,329.36 \$	188.20 \$	9,517.56
8/17/16 \$	3,806.45 \$	- \$	3,806.45
8/31/16 \$	5,409.77 \$	- \$	5,409.77
9/14/16 \$	5,553.97 \$	- \$	5,553.97
9/28/16 \$	5,227.61 \$	- \$	5,227.61
10/12/16 \$	2,729.38 \$	3,123.83 \$	5,853.21
10/26/16 \$	7,315.24 \$	1,745.34 \$	9,060.58
11/9/16 \$	8,655.97 \$	1,183.82 \$	9,839.79
11/23/16 \$	2,671.89 \$	2,562.81 \$	5,234.70
12/7/16 \$	2,535.69 \$	2,134.53 \$	4,670.22
12/21/16 \$	669.36 \$	681.03 \$	1,350.39
	Subtotal	\$	103,363.71

Lompico Surcharge

By Bill Smallman P.E.

MERGER was WIN-WIN

Important Facts to Consider:

- The unanticipated \$229,000 in cash the District was immediately able to use to install new, wand read, meters and SCADA making Lompico much less costly to operate.
- The \$47,000 in owed pension money is part of the surcharge, but this has been paid off 100% pre-merger.

More Facts:

- Lompico's "Net Position", which is an inde.... That show SLVWD
- SLVWD basically added a new stream of money from 500 household neighborhood that financially has the means to repair most of its infrastructure.

And....

- The \$2.75 million dollars in enough for Lompicans is enough. I ought to know, being a successful Estimator for the exact type of work for 28 years.
- Lompico might just be the best thing that ever happened to SLVWD.

The Surcharge

- Is very ill-defined. Much of the anticipated costs it would cover are non-specific.
- No information from the Audit helps.
- Cost accounting is very vague, making it impossible to determine ordinary cost, for the non-ordinary.
- May, in fact, show valuable information on the upcoming rate study.

Numerous Errors in Manager's Claims

- **Michael Freitas did work for Zayante:** Over \$20,000 was charged for doing assessments outside of Lompico's jurisdiction. The work was useless for the Lompico Merger.
- **Meter Reading and no SCADA costs:** \$18.95 per month per service was included. Wand meter reading and SCADA has been installed, so this needs to be included in the adjustment.

And.....

- Lompican's use less water: Somebody came up with the notion that Lompican's must of come from the Sahara, and use less water, less revenue. The actual numbers have been crunched. This, at most, is a measly \$7 K per year, proof we all use the same amount of water.
- Cost SLVWD did not recognize during negotiations: SLVWD unrecognized far more costs with the Felton merger, and did not charge Felton residents to pay for them. Nowhere is it written that the Surcharge is to include them, Line 10 clearly states that ALL assets and LIABILITIES are to transfer to SLVWD. Rest assured SLVWD, the acquisition of Lompico, is, in fact a financial success per current numbers even with current liabilities.

Also.....

- Again, the list of costs have numerous items that are typical for operating a Water District.
- Lompican's have exceeded providing the success and benefit for SLVWD by agreeing to pay for most of it's infrastructure. Most of the mainline piping was installed in 1979, is PVC, and will last forever. The fittings, and valves, however, may need replacement in 50 years, my guess.
- Other

Main Reasons Surcharge To End.

- Closely tied to the possible amount necessary for the possible rate increase. This District should have been easily able to absorb this cost. There is both a spending problem, and perhaps higher rates.
- Lompico is a proven beneficial partner in making the merger a success, by handing over \$235K in cash + on the hook for \$275 million which will, in fact, making one of the lowest cost areas to not only operate, but have zero capital improvement costs. The rest of the District does not provide that benefit.

Conclusion

- End the Lompico Surcharge: It is a small amount of money, and Lompico has paid a full year of it. Lompican's do not deserve it by providing 500 home money stream from a neighborhood that will have a new system in place.
- I won't vote for a rate increase unless there is a provision that 100% is spent on infrastructure, nothing else. And, if more money is needed for everything else, that will come from spending cuts.
- Like I said, the Lompico Merger will probably be the best thing that ever happened to this District. It got me on the Board, and I will do everything in my power to divert the flow of money to replacing infrastructure so that we do not fall into the same pit Lompico fell into from over spending and lack of focus on capital improvements.

Board of Directors
San Lorenzo Valley Water District

April 12, 2017

Agenda item : Lompico Surcharge

Directors,

Following is the recommended method to follow the Lompico-SLVWD merger agreement per original terms.

1) Debt repayment

Consideration of the board to recognize paid debt and remove from the surcharge, years 1 and 2.

Background: At the time of the merger agreement in August 2014, both districts agreed to separate two existing debts so that they would not be passed on to SLV customers upon merger. In August of 2014 Lompico Water District owed \$47,383. At the time of merger on June 1 2016, all balances had been paid. Amount calculated for repayment in year one is 27,315; for, year two is 20,068. All balance to be paid by year three, as reflected in the Pro Forma.

Calculation: estimated portion of surcharge based on 500 customers: year one \$4.55; Year Two: \$3.35. Summary of charges: Debt portion of surcharge included in Lompico ratepayer bills June 2016 to April 2017 is 11 months; \$4.55 at 500 customers = \$25,025.00

Recommendation: Adjust and reduce surcharge to reflect removal of paid debts year one and year two. Calculate credits to Lompico customers for charges to date, at estimated 500 customers is \$50.05. Some accounts pay double Lompico Surcharge, and actual number of accounts will have to be verified and cost adjusted.

Action Required: Remove debt portion from Lompico Surcharge years one and two.

Financial Impact: Debts were discharged prior to merger, no impact to other SLV customers.

2) Operating Expense adjustment

Consideration of the board to recognize reduced operation costs from 2014 Pro Forma; evaluation of changes in conditions 2016; reduce or eliminate the Lompico surcharge to reflect improvements and early consolidation of water source.

Background: At the time of the merger agreement in August 2014, both districts agreed on a Pro Forma estimate to operate Lompico water system, addressing cost to repay two debts (above, separate), labor to operate the system independently, and account for conservative water use. It was proposed that improvements and upgrades, specifically a SCADA system and SLVWD-compatible wand-read water meters, would reduce labor in year three as these improvements were completed, and assumption of up to five years to consolidate distribution via an intertie. The surcharge portion to make up the shortfall of expected revenue to expenses under the above conditions was calculated for year one at 18.95 per month per service. (23.50 – 4.55 debt portion)

Calculation

Since the Pro Forma 2014, changes in 2016 conditions (other than debt repayment) include: 2016 intertie as sole distribution water source; Aug 2016 all meters replaced with more efficient model than originally specified; July 2016 installation of simplified SCADA. Average consumption in SLVWD fell from 5.5 units to 4 units due to the drought and restrictions; Lompico remains at original estimate 3.5 units, and all pay

drought surcharge to make up revenue. SLVWD's FY 16/17 budget includes Lompico projections, including hiring of 4 Lompico employees; Lompico assessment revenue and Year One capital projects.

Recommendation: Calculate labor costs for meter reading and manual rounds until two assessment improvement items installed; Meter reading June, July and August 2016 (difference in time), plus labor cost to manually operate system June-July 2016 (per SLV report 6 labor hrs/day saved with SCADA). Calculate difference in consumption between average SLV and Lompico customer.

Example:

Labor estimate @ SLVWD Field Service Worker II full burden cost/yr 84,336 @2080 = 40.55/hr.

Meters –2 field staff 3 days (6 hrs)= 36 labor hrs x 3 mo = 108 labor hrs@ SLV 40.55= 4379.40*

Rounds –2 field staff 3 hrs/day (6 hrs) x 2 mo =360 labor hrs@ SLV 40.55 = 14,598.00
= total \$18,977.40*

*Less average time allotted to read water meters, as in rest of the system; decreases cost and increases credit

Consumption Difference in consumption (see below) is \$7200/yr. = \$26,177.40

Surcharge 11 months (18.95 x 500 x 11) = \$104,225 – 26,177.40 = \$ 78,047.60* Refund or credit to Lompico customers

Action Required: Reduce or remove Lompico surcharges from Lompico customer water bills.

Financial Impact: Actual labor hours to read old meters and manually operate Lompico system for 2-3 months is covered. No financial impact to other SLV customers.

Combined total of 1 and 2 above = credit **\$103,072.60** (25,025 debt + 78,047.40* ops/consumption).

To April 2017, at 500 customers = **\$206.15*** refund or credit each.

Above additional costs are offset when including Lompico non-operations revenue, described below.

Analysis of district manager's proposed alternate formulation

Current SLVWD water rates pay only a portion of the approved fiscal year budget for operating revenue and expenses. There is a budgeted shortfall of \$1,421,120 in operations, per the district's financial quarterly reports. With respect, the manager's formula for Lompico does not follow the above approved budget revenue and expense calculation. With respect, the manager's calculation formula for Lompico does not follow the original merger and surcharge agreement.

The original agreement: The merger agreement recognizes that once dissolution and annexation of the Lompico area is complete, all assets and liabilities flow to the new agency, SLVWD. This took place on June 1, 2016. Lompico annexation brought about \$266,00 in cash, plus over one million in assets after depreciation.

The merger agreement and pro forma further say that Lompico customers will pay the same base rate and water rates as charged by SLVWD to other customers, to cover overhead and regular maintenance costs. The reducing Lompico surcharge represents the shortfall expected in 2014 for 1) specific debt repayment in first two years, and 2) cost to operate Lompico as a stand-alone system for up to 5 years.

The district manager's proposal: The district manager proposes to include other costs and additional overhead in the surcharge. The manager's report contains raw data which is a mix of budgeted departmental and actual costs, capital, assessment work, and balance sheet line items, with some duplication. Terms cover two fiscal years and two entities: Lompico County Water District (LCWD) and San Lorenzo Valley Water District (SLVWD). The manager treats the Lompico system as remaining a separate entity after June 1 2016 for purposes of his report and calculations. Lompico has been operated as a standard zone of service, not a standalone as projected in 2014.

To compare the manager’s report with the merger agreement, capital/balance sheet costs and assessment costs must be separated from cost of operations. Once analyzed in this form we believe it will become clear to the board that Lompico service area does not warrant continuance of the surcharge.

Simplified Calculation and Comparison - Operations

All ordinary costs of operation and system improvements for SLV customers are calculated in the base charge and water rate. Lompico appears in the FY 16/17 approved budget, including cost of 4 employees, and Assessment revenue. Lompico customers pay the same rates as others in SLV.

SLVWD’s 2016/17 budget expects operating revenue of \$6,944,640 from water sales, based on current rates. The budget expects operating expenses of \$8,365,760. There is a difference of \$1,421,120 (loss, or shortfall).

According to SLVWD, the average SLVWD customer uses 4 units; this is currently a water bill of \$53.24. The Lompico revenue divided by 500 customers shows the average Lompico customer pays \$52.04. This is in line with the original estimate of 3.5 units consumption. The annual shortfall is \$7200.

2016/17	Approved SLVWD budget	BUDGET @8000 Customers/ea	BUDGET SLV cust/ per mo req	Av SLV bill 4 units	Av Lompico bill in 7 mo	Lompico revenue gap
Operating Revenue	\$6,944,640	868.08	72.34	53.24	52.04	(14.40)/yr ea \$7200 total
Operating Expenses	\$8,365,760	1045.72	87.14			
Total Operating Income (Loss)	(1,421,120)					

SLVWD’s 2016/17 budget closes the revenue gap (loss) by use of non-operating revenue (property taxes, rents) and Capital. The Lompico 2014 pro forma includes property taxes (\$53,040) and other operating revenue (\$5,000). Lompico’s revenue from property taxes in 2015 per the audit was \$60,606 and in 2016 was \$66,958 per County records. Property tax and additional revenues are not shown in the manager’s alternate proposal calculations.

Review of Lompico Assets and Liabilities

Lompico’s cash assets at the end of FY2015/16/close (\$266,068) are adequate to cover cost of liabilities as shown by the district manager (\$218,576) = \$47,492 balance.

LCWD Final Audit	District Mgr Rpt	Adjusted	
Cash & Equivalents	284,207		
Accounts Receivable	39,436		
Accrued Expenses	(60,125)	+20,800	Remove SLV map bill
Customer Deposits	(18,250)		
Starting Balance	245,268	266,068	
Transfer of Assets	-	3,766,240	SLVWD audit, page 36
Transfer of accumulated depreciation	-	2,886,501	“
SLVWD increase in net position from merger	-	1,145,807	“

Use of the district manager’s calculations in this analysis does not mean we agree his numbers are accurate; the manager has declined to substantiate or correct items questioned.

District Manager’s reported additional liabilities

\$140,904	“Lompico one time expenses”
\$77,672	“Lompico Capital Exp Field Excl'd AD”
\$218,576	Total liabilities
\$266,068	Cash balance from audit (adj)
-\$218,576	Additional liabilities claimed by DM
= \$ 47,492	Cash balance

In closing

The above surcharge two-part reduction/removal is presented in good faith under the assumption that the board wishes to follow the merger agreement terms as agreed upon by SLVWD and LCWD, and voted on by Lompico community, prior to the current board and manager’s knowledge and involvement. The merger agreement also assures that Lompico customers will pay SLVWD’s regular rates to cover regular services as offered elsewhere in the system. Analysis shows that the need for a Lompico surcharge is no longer supported.

The analysis of the general manager’s alternate proposal shows it does not meet the above, and is incomplete. The addition of Lompico’s non-operations revenue and remaining cash balance show the surcharge is not supported.

Thank you for the opportunity to present this information to the board.

Debra Loewen and Ed Frech

Former members of the Lompico Water District Citizens Advisory Committee

Notes:

The district manager has declined to review or correct items in question, including but not limited to the following:

1. The report understates Lompico revenue by omitting Lompico share property taxes (\$66,959 in 2016)
2. The report understates Lompico revenue by omitting other income, pro forma est \$5000
3. The report understates Lompico balance in audit AP by \$20,800 by a non-Lompico bill that has already been addressed.
4. The report overstates expenses in “Lompico Field Labor” by \$41,345 by error in transmission between \$103,363 on page 13 table and 144,709 in page 6 summary.
5. The report overstates expenses in “Lompico Field Expenses” by \$16,670+ ,which appears to be Assessment projects (SCADA, meters and valves)
6. The report overstates expenses in “Lompico Field Labor” by about \$32,000 if Assessment projects are included at same ratio as in expenses (31% of total)
7. The report overstates expenses by \$167,692 by including “Lompico Share of Support Cost” ; not supported by the merger agreement, which excludes overhead that is paid for via the standard water rates.

8. The report overstates expenses in “Lompico Field Labor Expenses” by about \$7220, which includes non-operations overhead costs; double charged when including budget share in the \$167,692.
9. The report overstates expenses in “Lompico Field Expenses” by \$3305, as it includes \$3525 in shared costs which should be at 6.25% used system-wide (truck tires, new phone, tools)
10. The report overstates “Lompico Field Expenses” by including capital costs of about \$12,450; Capital costs are treated as regular operating expenses.
11. The report overstates Lompico liabilities by \$88,820 by omitting a \$1,421,120 budgeted shortfall in operations for 2016/17 based on current rates. Lompico customers pay the same rates per the merger agreement, and would share 6.25% of that shortfall, not charged in addition to water rates to any other customers.
12. The report overstates Lompico budget share expenses. The SLVWD 2016/17 budget already includes Lompico in projections. It specifically includes 4 employee positions, assessment income, and assessment capital projects belonging to Lompico.
13. The report overstates “Lompico Field Expenses” by an undetermined amount, as there are expense entry errors not Lompico related (eg: Fall Creek internet, electric charges for a “community well”, et al), not rechecked; some entries unidentifiable, unable to determine.
14. The report understates Lompico’s contribution by \$3,766,240, by not including transfer of assets on June 1 2016. Per the audits, after depreciation, Lompico improved SLVWD’s FY 2015/16 net position by \$1,145,807.
15. LCWD agreed to allow SLVWD to manage their final audits prior to the merger date, at a quote from Fedak & Brown not to exceed \$13,120, with funds provided in the bank balance transfer. It was not an “unexpected cost” as per SLVWD minutes. The actual cost was \$11,500.
16. LCWD board attempted to complete a repair to a damaged water main on Lompico Road prior to joining SLVWD. Per Lompico records, the district hired and paid for an engineered design that met district and County standards, shared the design process with SLVWD, put it out to bid, and awarded a \$57,900 contract to MPE. Funding for this work was included in the bank balance transfer upon merger, and was an expected cost, with SLVWD’s knowledge and participation. The design scope of work was changed by choice of SLVWD after the merger. This resulted in a reduced cost for MPE (55,005.00 per SLVWD bill pay), but an increase in engineering costs, plus additional costs by SLVWD’s apparent use of a consultant (per bill pay records) to manage the project.
17. To date, SLVWD has collected about \$129,250 from Lompico customers (23.50 x 500 x 11 months), or \$258.50 per customer, in excess fees with the Lompico surcharge. Our review of records and projections show a probability of less than \$23,200, or about \$52 per customer, in additional costs to operate the Lompico system during short-term inefficiencies. This is offset and eliminated when Lompico non-operations revenue (property tax, other revenue) and cash balance is included in considerations.



SAN LORENZO VALLEY WATER DISTRICT

13060 Highway 9 • Boulder Creek, CA 95006-9119

Office (831) 338-2153 • Fax (831) 338-7986

Website: www.slvwd.com

March 6, 2017

Debra Ortiz

[REDACTED]
[REDACTED]

Dear Ms. Ortiz,

Thank you for contacting the District regarding the Lompico Surcharge. The Lompico Surcharge was developed during negotiations using the best available information at that time and Lompico County Water District (LCWD) had two known debts; payment to LCWD's prior general manager and payment to the State of California for an outstanding loan. However, the final agreement (which I have attached for your information) was a compromise that does not list specific costs. The exact language of the agreement is, "...in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico...". The final agreement restricts the monthly charge to a maximum amount each year for the five years after merger, regardless if costs to operate the Lompico Service Area exceed revenue. The maximum charge is \$23.50 per month for the first-year. The monthly charge is reduced each year until it disappears after year five.

The original agreement was intended to go into effect after the 2015 bond vote. As everyone knows, despite the hard work of everyone involved (LCWD, SLVWD, County and State) the bond vote failed. To assist LCWD, at that time I recommended that they consider an Assessment District in place of a Bond, eliminating a tremendous amount of long term costs and interest for Lompicans. Regrettably, it takes time to organize any vote and LCWD needed a full year to implement the Assessment District vote. During that year LCWD continued to accumulate additional debts (and revenues).

The District recognizes the two debts that LCWD finalized in 2015/16 totaling \$47,383:

- \$40,136 - Personnel Settlement to the LCWD ex-general manager,
- \$7,247 - Safe Drinking Water State Revolving Fund Loan.

The District also recognizes, thanks to the finalized audits, that LCWD brought a positive bank account with the merger:

- June 1st Balance of \$245,268 of cash and cash equivalents.

The District also recognizes LCWD debts that were accumulated during 15-16 and debts that were unrecognized during negotiations:

- \$69,563.04 – 15/16 Capital repair cost for contracts signed by Lois Henry as President of LCWD,
- \$8,109.22 – Capital replacement cost for booster pump that began failing prior to merger,
- \$17,437 – Misc. contract costs (final LCWD yearly audits, 15/16 insurance premiums, etc.)
- \$123,467 – Unfunded retirement liability for previous LCWD employees,

SLVWD has fully accounted for all of the above expenses AND cash brought over. Post-merger the Lompico Service Area remains underfunded approximately \$10,700 per month. This shortfall includes all of the above and additional revenue and expenses, including the Lompico Surcharge, for the first seven months since merger.

01-Jun-16	Starting Balance	\$245,268
	Lompico Revenue	\$182,130
	Lompico Surcharge	\$80,873
	Lompico Field Labor	\$(144,709)
	Lompico share of Support Cost	\$(167,692)
	Lompico One Time Expenses	\$(140,904)
	Lompico Capital Exp Excl. AD	\$(77,672)
	Lompico Field Expenses	\$(53,809)
31-Dec-16	Sum to Date	\$(76,516)

SLVWD remains committed to fulfilling its obligations to all customers and will continue to honor the Lompico Merger Agreement. We appreciate your time in contacting the District and will gladly provide any additional information to assist you in better understanding your water district.

Sincerely,



Brian Lee

**LOCAL AGENCY FORMATION COMMISSION
RESOLUTION NO. 953-A**

**On the motion of Commissioner
Duly seconded by Commissioner
The following resolution is adopted:**

**MAKING DETERMINATIONS AND ORDERING PROTEST PROCEEDINGS
OF TERRITORY DESIGNATED AS THE LOMPICO REORGANIZATION
LAFCO NO. 953-A**

**The Santa Cruz Local Agency Formation Commission does hereby RESOLVE,
DETERMINE, AND ORDER as follows:**

1. **A resolution for the proposed annexation of certain territory was filed by Resolution No. 128-2013 of the Lompico County Water District and Resolution No. 31 (13-14) of the San Lorenzo Valley Water District, pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 (Government Code Section 56000 et seq.); and the territory is assigned the short term designation of the "Lompico Reorganization, LAFCO No. 953-A".**
2. **The reorganization consists of the following changes of organization:
-Dissolution of the Lompico County Water District,
-Annexation of territory to the San Lorenzo Valley Water District.**
3. **The Executive Officer of the Commission has reviewed the resolutions; has prepared a report, including his recommendations thereon; and has presented the same before this Commission for consideration.**
4. **Public hearing by the Commission was held on August 6, 2014; and at the hearing the Commission heard and received all oral and written protests, objections, and evidence that were presented.**
5. **Said territory includes approximately 757 acres and is found to be inhabited for purposes of reorganization law.**
6. **The boundaries of the area of the proposed reorganization are approved as revised to include the annexation of parcels on Zayante Drive and as shown on Exhibit A.**
7. **The approval of this reorganization is conditioned upon the following terms and conditions:**
 - A) **INFRASTRUCTURE BOND**
Prior to the filing of the Certificate of Completion, a Community Facilities District bond or similar revenue instrument shall be passed by the voters

and/or property owners of the Lompico service area so that proceeds not greater than \$2.75 million will go to the San Lorenzo Valley Water District (SLVWD) for the purposes of infrastructure improvements solely for the benefit of the Lompico service area. If a grant or other source of funds can be secured to make infrastructure improvements that are programmed to be included in the not-to-exceed \$2.75 million of bond proceeds, or if the costs of the programmed improvements are lower, the amount of the bond proceeds can be a lesser amount if authorized in writing by the San Lorenzo Valley Water District Board following consideration of the reduction at a public meeting of that board.

B) BOND OVERSIGHT COMMITTEE

Upon distribution of the bond proceeds, SLVWD shall establish a citizens' bond oversight committee consisting of five Lompico water customers to review expenditure of the bond proceeds on projects that directly benefit Lompico.

C) LOAN PAYBACK

Prior to the filing of the Certificate of Completion, Lompico County Water District shall pay the entire amount due on the PERS Side Fund Loan Agreement that was executed on July 30, 2013 by and between Lompico County Water District and San Lorenzo Valley Water District.

D) LOMPICO WATER RATES AND CHARGES

SLVWD shall bill the Lompico customers of SLVWD the same rates as the other customers within SLVWD. However, prior to filing of the Certificate of Completion, in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico, Lompico County Water District shall enact a reduction in their water rates, effective only upon the reorganization, so that \$140,000 in excess of the amount generated by SLVWD rates would be collected in the first year following the effective date of the reorganization. LAFCO shall authorize SLVWD to continue to collect these Lompico charges after the reorganization. Prior to the Certificate of Completion being filed, SLVWD will deliver a letter to the LAFCO Executive Officer indicating that the charges adopted by the Lompico County Water District are structured in a manner that SLVWD is willing to implement. The Lompico charges shall not exceed the following amounts:

<u>Year</u>	<u>Beginning</u>	<u>Per Month</u> <u>Per Connection</u>
1	Upon the effective date of the reorganization	\$23.50
2	One year after effective date of the reorganization	\$19.50
3	Two years after effective date of the reorganization	\$8.50
4	Three years after effective date of the reorganization	\$5.50
5	Four years after effective date of the reorganization	\$5.50

The Lompico charges shall be phased out no later than five years after the effective date of the reorganization.

- E) The proponent districts shall provide a legal map, description, and fees to meet State Board of Equalization requirements.
 - F) The proponent distrlots shall be responsible to pay any fees required to comply with Fish and Game Code Section 711.4 (Fish and Game Fees required when notices of environmental decisions are filed).
 - G) The proponent districts shall pay any remaining processing fees as set in this Commission's Schedule of Fees and Deposits.
 - H) Prior to issuance of a Certificate of Completion for this reorganization, the proponent districts shall deliver an executed indemnification agreement that is in a form that is acceptable to this Commission and suitable for recordation.
8. This project qualifies for a Class 19 Categorical Exemption (annexation of existing facilities) and a Class 20 Categorical Exemption (consolidation or two or more districts having identical powers) from further analysis under the California Environmental Quality Act.
 9. Upon completion of this reorganization, the property tax revenues will be transferred in accordance with the Board of Supervisors tax exchange resolution (No. 158-2014) adopted for the Lompico Reorganization.
 10. Upon completion of this reorganization, all assets and liabilities of Lompico County Water District shall transfer to the San Lorenzo Valley Water District.
 11. The reorganization, as approved, is consistent with the Spheres of Influence of the Lompico County Water District and the San Lorenzo Valley Water District as amended by LAFCO Resolution No. 953 on August 6, 2014.
 12. This Commission hereby approves this reorganization, as conditioned, and directs the Executive Officer to conduct protest proceedings in accordance with State law.

PASSED AND ADOPTED by the Local Agency Formation Commission in the County of Santa Cruz this sixth day of August 2014.

AYES:

NOES:

ABSENT:

JAMES W. ANDERSON, CHAIRPERSON
Santa Cruz Local Agency Formation Commission

Attest:

Patrick M. McCormick, Executive Officer

Approved as to form:

LAFCO Counsel

Board of Directors, and General Manager
San Lorenzo Valley Water District
Highway Nine
Boulder Creek CA 95006

February 27, 2017

LOMPICO SURCHARGE -agenda item

Directors and Manager Lee,

We look forward to the next board meeting, to include the agenda item first brought to the board in September 2016, and directed to be placed on the agenda by the president of the board. This is a request for review and possible reduction of the Lompico surcharge upon release of third party debt included in the surcharge calculation, paid in full prior to June 1. Please refer to our letter to the board dated 8-26-16, and letter to chairman Brown with details, dated 9-2-16, about the Lompico surcharge to date.

We were told this item would be addressed at the October 20, 2016 board meeting, and we provided relevant materials for the board packet; however, the agenda item was instead listed as "Lompico Merger Agreement Resolution #31 (13-14), which was a general discussion on the merger, the Lompico audit in progress, and the Lompico oversight committee status. We would like those materials*, in addition to the above letters, included in any new agenda item relating to the Lompico surcharge and paid third-party debt reduction consideration.

**Reference Oct 20 2016 board packet, electronic file page 67 (spreadsheet); pages 96-105 (executive summary and backup mtl, charts); Page 161 Evolution of the Surcharge. Letters are in Sept 15 2016 packet, electronic file page 6-8 and 13-14.*

Additional Considerations. In addition, since that time other conditions present themselves for consideration of reduction or elimination of the Lompico surcharge:

- SLVWD staff completion of new water meter installations, and corresponding reduction of labor; expected in surcharge projections to take two years; Assessment. *With appreciation.*
- SLVWD staff completion of SCADA installation, and corresponding reduction of labor; surcharge projections to take two years; Assessment. *With appreciation.*
- Consideration that Lompico customers are being served as a regular zone via the intertie, projected in the surcharge to take up to five years, with regulatory and permitting issues; Grant & Assessment.
- Consideration that Lompico wells and treatment plants are not in operation as projected, with corresponding adjustment to job titles and labor hours projected in the original surcharge.

We brought these changed conditions to the attention of the Finance Committee Nov 20 2016, with a follow-up to board per letter dated January 9, 2017, and would like this letter included in the agenda item.

Ref 1-19-17 agenda packet, electronic file pages 7-10.

Additional Data Requested by the Board. In response to the above considerations, the district manager was asked by the board to provide further data with this agenda item for public meeting board review:

By Director Bruce

A request for data on what conditions have changed since 2014 (*the original agreement year, when terms were set by approval of Lompico voters and property owners*), both in Lompico and in SLVWD; i.e: financial conditions, drought, consumption changes in both, groundwater law, Lompico intertie status, and any other conditions of note (*new general manager, new board in SLVWD, may explain loss of context on intent of merger agreement and terms; why things are better*).

By Director Baughman

A request for data on consumption figures, for both Lompico and for SLVWD, as a comparison since 2014 (*perhaps expressed for each as a bell curve, to show numbers of services in tiers, etc*); Total number of residential services; effect of the drought and restrictions on consumption patterns district-wide.

By Director Hammer

A request for a face-to-face meeting with Patrick McCormick of Santa Cruz LAFCo, to include SLVWD district manager, a board member (at the time he suggested Director Brown), and a member of the public from Lompico (he suggested me, Debra Loewen), and then a report back to the board. We suggested instead that Mr. McCormick be invited to attend the board meeting when this item was agendaized, to make a presentation to the entire board and to be available at the time of discussion for answering questions about the surcharge terms.

Please List Separately. We would like the two components of the surcharge agenda item listed separately, to enable the board to give full attention to considerations, suggested draft wording along the lines of:

Lompico surcharge

- a) **Removal of paid third party debt portion** – consideration and possible action by the board to reduce the Lompico surcharge by the amount allotted to repayment of two third-party debts in years one and two; paid in full by LCWD prior to June 1 merger. (*reference dollar amount to be removed in surcharge, plus amount of possible credit to be returned to Lompico customers, updated.*)
- b) **Reduction or elimination of the Lompico surcharge portion allotted to an increase over regular services due to independent operations** – consideration and possible action by the board to reduce or eliminate the Lompico surcharge, due to changes in original surcharge projections, ie: cost to operate as an independent system, including additional employees; reference to intertie being changed from limited emergency use to full time, the goal at the end of five years per conditions in 2014; effect of advanced installation of water meters and SCADA per original estimated schedule of two years, reduction of labor projections.

Additional Support materials. We please also request to be included with this agenda item as evidence to support the above, reference to a public meeting powerpoint presentation made by SLVWD to explain the merger and surcharge to SLV and Lompico customers: ***Options for future service in Lompico***, May 20 2014 presentation, on the SLWD website at

<http://slvwd.com/lompico/Lompico%20Merger%20Options%20May%202014%20ppt.pdf>

Please include and reference slides 20 (projected staffing requirements) and 21 (debt repayment schedule); slides 16-19 (Pro Forma details and projections); slide 12 (year one Pro Forma detail); slide 4 (intertie for emergency use only) and Slide 2 (working group professionals); all info generated by SLVWD, conditions 2014.

We acknowledge the District Manager’s proposal for a re-formulated Lompico surcharge, as shown in the February 2017 agenda, but respectfully disagree that this conforms to the merger agreement terms and backup. We do not believe this formulary would be supported by the calculations by which all other SLVWD customers are billed, which is stated as assured to Lompico customers in the merger agreement.

Thank you for your consideration. We both served for years on the Citizens Advisory Committee for Lompico Water District, are among the many who worked hard to make the merger successful, and believe it has been to the benefit of all parties. We believe the original merger agreement and surcharge terms were well written to handle possible projected worst-case scenarios of 2014, which have been replaced instead by a change of 2016 conditions to one of best-case results for the Lompico merger, for both parties. We feel acknowledging this progress, reviewing, and eliminating the Lompico surcharge immediately shows SLVWD’s intent towards fairness, good will, and honor – a priceless action.

Respectfully,

Debra Loewen and Ed Frech
Lompico Canyon
POB 66165, Scotts Valley CA 95067

Subject: FW: Regarding the Surcharge on our water bills
Date: Tuesday, February 21, 2017 at 2:19:01 PM Pacific Standard Time
From: Brian Lee
To: dandavis987@gmail.com
Attachments: F -Res 953-A Final for web w terms.pdf

Dear Dan,

Thank you for contacting the District regarding the Lompico Surcharge. It is regrettable that you are being told only a small portion of the story. It is true that the Lompico Surcharge was developed during negotiations using the best available information at that time and Lompico County Water District (LCWD) had two known debts; payment to LCWD's prior general manager and payment to the State of California for an outstanding loan. However, the final agreement (which I have attached for your information) was a compromise that does not list specific costs, allowing SLVWD to only charge a set amount each year for the five years after merger while also recognizing that unseen costs may occur. The exact language of the agreement is, "...in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico...".

The original agreement was intended to go into effect after the 2015 bond vote. As everyone knows, the bond vote failed. To assist LCWD, I recommended that they consider an Assessment District in place of a Bond, eliminating a tremendous amount of long term costs and interest for Lompicans. Regrettably, it takes time to organize any vote and LCWD needed a full year to implement the Assessment District vote. During that year LCWD continued to accumulate additional debts and revenues.

SLVWD has recognized the debt payments that Ms. Henry and Ms. Loewen reference. But Ms. Henry and Ms. Loewen are refusing to recognize additional debts that LCWD accumulated during the year between the bond vote failure and the Assessment District vote.

The District recognizes the two debts that LCWD finalized in 2015/16 totaling \$47,383:

- \$40,136 - Personnel Settlement to the LCWD ex-general manager,
- \$7,247 - Safe Drinking Water State Revolving Fund Loan.

The District also recognizes, thanks to the finalized audits, that LCWD brought a positive bank account with the merger:

- June 1st Balance of \$245,268 of cash and cash equivalents.

The District also recognizes LCWD debts that were accumulated during 15-16 and debts that were unrecognized during negotiations:

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- \$8,109.22 – Capital replacement cost for booster pump that began failing prior to merger,
- \$17,437 – Misc. contract costs (final LCWD yearly audits, 15/16 insurance premiums, etc.)
- \$123,467 – Unfunded retirement liability for previous LCWD employees,

SLVWD has fully accounted for all of the above expenses AND cash brought over. Post-merger the Lompico Service Area currently remains underfunded approximately \$75k, or \$10,700 per month. This \$75k shortfall

includes all of the above and additional revenue and expenses for the first seven months since merger.

SLVWD remains committed to fulfilling its obligations to all customers and will continue to honor the Lompico Merger Agreement. We appreciate your time in contacting the District and will gladly provide any additional information to assist you in better understanding your water district.

Sincerely,

Brian

Brian C. Lee, District Manager - 831.338.2153
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006

From: Dan Davis [mailto:dandavis987@gmail.com]
Sent: Monday, February 20, 2017 12:25 PM
To: Customer Service <CustomerService@slvwd.com>
Subject: Regarding the Surcharge on our water bills

I am writing to encourage a complete accounting of, and/or justification for the continuance of the surcharge on our water bills here in Lompico. It is my understanding that the need for the surcharge has been satisfied

This is a relatively simple matter. I'm looking forward to a prompt resolution,

Thanks,
Dan

Wednesday, March 8, 2017 at 11:57:33 AM Pacific Standard Time

Subject: Re: FW: The Surcharge on our Water Bills
Date: Thursday, February 23, 2017 at 6:49:11 PM Pacific Standard Time
From: ann dye
To: Brian Lee
Attachments: image0011.jpg, image0022.gif, image0033.gif, image0044.jpg, 333.jpg, butterfly_top.gif, butterfly_bottom.gif

Mr. Lee....I thank you your response.....it was very concise and to the point...we can ask for nothing more....appreciate it...

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

From: [Brian Lee](#)
Date: 2/21/2017 2:17:26 PM
To: dyeac@comcast.net
Subject: FW: The Surcharge on our Water Bills

Dear Ann,

Thank you for contacting the District regarding the Lompico Surcharge. It is regrettable that you are being told only a small portion of the story. It is true that the Lompico Surcharge was developed during negotiations using the best available information at that time and Lompico County Water District (LCWD) had two known debts; payment to LCWD's prior general manager and payment to the State of California for an outstanding loan. However, the final agreement (which I have attached for your information) was a compromise that does not list specific costs, allowing SLVWD to only charge a set amount each year for the five years after merger while also recognizing that unseen costs may occur. The exact language of the agreement is, "...in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico...".

The original agreement was intended to go into effect after the 2015 bond vote. As everyone knows, the bond vote failed. To assist LCWD, I recommended that they consider an Assessment District in place of a Bond, eliminating a tremendous amount of long term costs and interest for Lompicans. Regrettably, it takes time to organize any vote and LCWD needed a full year to implement the Assessment District vote. During that year LCWD continued to accumulate additional debts and revenues.

SLVWD has recognized the debt payments that Ms. Henry and Ms. Loewen reference. But Ms. Henry and Ms. Loewen are refusing to recognize additional debts that LCWD accumulated during the year between the bond vote failure and the Assessment District vote.

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SLVWD has fully accounted for all of the above expenses AND cash brought over. Post-merger the Lompico Service Area currently remains underfunded approximately \$75k, or \$10,700 per month. This \$75k shortfall includes all of the above and additional revenue and expenses for the first seven months since merger.

SLVWD remains committed to fulfilling its obligations to all customers and will continue to honor the Lompico Merger Agreement. We appreciate your time in contacting the District and will gladly provide any additional information to assist you in better understanding your water district.

Sincerely,

Brian

Brian C. Lee, District Manager - 831.338.2153

San Lorenzo Valley Water District

13060 Highway 9

Boulder Creek, CA 95006

From: ann dye [mailto:dyeac@comcast.net]
Sent: Monday, February 20, 2017 9:36 AM
To: Customer Service <CustomerService@slvwd.com>
Subject: The Surcharge on our Water Bills

Overall I am satisfied with the service I have received by SLVWD....However, our former Board of Director with Lompico Water company, Lois Henry, and other board members and advisory committee...have been attempting to get this surcharge (mine last month was \$23.50) removed....evidently, it was to pay some remaining bills left during the merge.....Evidently,

they have all been
paid or
retired.....Therefore,
according to Ms
Henry...their attempts
have been to

no avail....either the
new Slvwd board
members are

unaware

I am asking why it
hasn't been
removed....

Thank you!

Ann Dye



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[Click Here!](#)



Subject: RE: LOMPICO SURCHARGE

Date: Thursday, February 23, 2017 at 11:36:51 AM Pacific Standard Time

From: Allison Hardin

To: Brian Lee

Thank you for the response. I will review what you sent.

I will say, however, that our bills are only slightly lower than before----we were given the impression that they would be lower than they actually are.

From: Brian Lee [mailto:blee@slvwd.com]

Sent: Tuesday, February 21, 2017 2:16 PM

To: Allison Hardin

Subject: LOMPICO SURCHARGE

Dear Allison,

Thank you for contacting the District regarding the Lompico Surcharge. It is regrettable that you are being told only a small portion of the story. It is true that the Lompico Surcharge was developed during negotiations using the best available information at that time and Lompico County Water District (LCWD) had two known debts; payment to LCWD's prior general manager and payment to the State of California for an outstanding loan. However, the final agreement (which I have attached for your information) was a compromise that does not list specific costs, allowing SLVWD to only charge a set amount each year for the five years after merger while also recognizing that unseen costs may occur. The exact language of the agreement is, "...in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico...".

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- \$123,467 – Unfunded retirement liability for previous LCWD employees,

SLVWD has fully accounted for all of the above expenses AND cash brought over. Post-merger the Lompico Service Area currently remains underfunded approximately \$75k, or \$10,700 per month. This \$75k shortfall includes all of the above and additional revenue and expenses for the first seven months since merger.

SLVWD remains committed to fulfilling its obligations to all customers and will continue to honor the Lompico Merger Agreement. We appreciate your time in contacting the District and will gladly provide any additional information to assist you in better understanding your water district.

Sincerely,

Brian

Brian C. Lee, District Manager - 831.338.2153
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006

From: Allison Hardin [<mailto:Hardin@divorcehelp.com>]
Sent: Thursday, February 16, 2017 2:19 PM
To: Board of Directors <bod@slvwd.com>
Subject: LOMPICO SURCHARGE

Dear SLVWD Board ,

I am a resident of Lompico. I have, so far, been impressed with the level of service we have received since merging with SLVWD. Everyone has been responsive and professional. I am happy that the merger occurred but sad that it HAD to occur.

However, it was recently brought to our attention that the fee you are adding to our monthly bills "Lompico surcharge" is inappropriate. It appears that the terms of the merger required Lompico to pay this surcharge for five years in order to pay off some debts and a "shortfall that SLVWD thought they would experience between income received from Lompico residents and the costs of running Lompico as a stand-alone part of the water district" However, prior to the merger Lompico WD had paid off the debts and as I understand it we are getting our water from the intertie so Lompico WD is not a stand alone district.

Why are we paying this surcharge?

Please look into this ASAP and adjust or refund our bills as appropriate.

Kind personal regards,

Allison Hardin

Subject: Bonds - Audit

Date: Thursday, February 9, 2017 at 12:06:28 PM Pacific Standard Time

From: Lois Henry

To: Stephanie Hill

CC: Brian Lee

I just talked to Mary Ann in the Audit controllers office. She is the one who looks at the Bonds each year and figures out how much they need to collect. She also looks at the next year and collects that so they always have the money in advance. That years payment required never come out of our cash. That is a big mistake in the audit. You need to have the auditor fix that mistake.

It seems that you think we from Lompico don't know anything,your wrong. Don't try to reduct that from our cash to show a reason why you can't reduce the surcharge.

Lois Henry

Subject: Re: Bonds - Audit

Date: Thursday, February 9, 2017 at 2:24:07 PM Pacific Standard Time

From: Lois Henry

To: Stephanie Hill

CC: Brian Lee

More On this the \$55,000 is restricted cash for the bond but what was never included in our cash was 12,305 dollars for the state. It was no in the audit and the state was paid off early 2015 and the money is still in a reserve account which I had mentioned to you awhile ago. Asked if the county was going to give you that money and the answer was they might just pay it on the bond even though it has nothing to do with the bond. Bottom line the auditor missed that \$12,305. Of course you'll say it's a small amount so who cares. Lets see \$20,000 for the Zayante parcel maps and \$12,305 reserve missed we are up to \$32,000 but I guess that is still not worth you bothering with.

On Feb 9, 2017, at 12:06 PM, Lois Henry <lannhenry@comcast.net> wrote:

I just talked to Mary Ann in the Audit controllers office. She is the one who looks at the Bonds each year and figures out how much they need to collect. She also looks at the next year and collects that so they always have the money in advance. That years payment required never come out of our cash. That is a big mistake in the audit. You need to have the auditor fix that mistake.

It seems that you think we from Lompico don't know anything,your wrong. Don't try to reduct that from our cash to show a reason why you can't reduce the surcharge.

Lois Henry

Subject: Fwd: maps
Date: Thursday, February 9, 2017 at 4:50:53 PM Pacific Standard Time
From: Lois Henry
To: Board of Directors
CC: Stephanie Hill, Brian Lee
Attachments: image003.jpg

Read Patrick's response to me "Had LCWD only been annexed, without the Zayante Drive parcels being included, we could have used the existing district's boundaries for the recordation, and avoided the preparation of a new map." See Patrick's letter below.

So Why should Lompico pay for maps that wouldn't have been done if SLV hadn't asked for the the Zayante parcel to be included?

Patrick told me to tell you that you can call him if you want more clarification.

Lois

Begin forwarded message:

From: Pat McCormick <Pat.McCormick@santacruzcounty.us>
Subject: RE: maps
Date: February 9, 2017 at 3:03:19 PM PST
To: Lois Henry <lannhenry@comcast.net>

Lois—

Yes, in order to file a boundary reorganization, State law requires a map and legal description (... hence 183.59 feet at a bearing of 91 degrees and 42 seconds northeast to a point . . .). Michael Freitas prepared the map and legal description at SLVWD's request. The documents were checked by the County Surveyor, and I used them as attachments when recording the reorganization with the County Recorder.

The extra properties at the top of Zayante Drive were annexed at the same time as the LCWD. They were included at SLVWD's request, and their addition resulted in the need for a new legal description and map. The inclusion of the Zayante Drive parcels allowed SLVWD to honor understandings with the property owners up there, and minimized the annexation costs (compared to annexing the parcels through a separate LAFCO proceeding). Had LCWD only been annexed, without the Zayante Drive parcels being included, we could have used the existing district's boundaries for the recordation, and avoided the preparation of a new map.

I am not aware of any document that definitely set each agency's costs of the process. We were all taking care of details as they came up. If there is insufficient institutional memory at SLVWD to remember the history of the Zayante Drive parcels, I'd be happy to share my memory with them.

Before Rob Menzies passed away, the SLVWD prepared these types of documents in house.

Patrick M. McCormick
Executive Officer
Local Agency Formation Commission of Santa Cruz County
701 Ocean Street, Room 318-D, Santa Cruz, CA 95060
pat@santacruzlafco.org
phone (831) 454-2055



From: Lois Henry [<mailto:lannhenry@comcast.net>]
Sent: Thursday, February 09, 2017 2:32 PM
To: Pat McCormick
Subject: maps

What maps were required by LAFCO for the merger?

Subject: spread sheet comparing county numbers and the audit

Date: Friday, February 10, 2017 at 11:11:40 AM Pacific Standard Time

From: Lois Henry

To: Stephanie Hill

CC: Brian Lee, Board of Directors

LOMPICO WATER DISTRICT						
ANALYSIS OF CASH AS OF 6/1/16						
Fund #	Type of cash fund	Per County	Per Audit	Difference		
76-530	Cash and cash equivalents	229,370.74	228,526.00	844.74	Don't know what difference is, but immaterial.	
76-530	Imprest Cash (aka petty cash)	250.00		250.00		
35-115	Cash and cash equivalents - restricted	55,681.40	55,681.00	0.40	Rounding.	
76-531	Reserve for DWR loan (which was paid off)	12,305.00	-	12,305.00	Doesn't appear to be in the audit report.	
	Total cash all funds at 6/1/16	297,607.14	284,207.00	13,400.14		
NOTES:						
The County maintained 3 separate funds for Lompico Water district.						
The primary fund was the operating fund, shown on the audit as "Cash and cash equivalents".						
That fund also contained the petty cash. It may be included in the audit under "Cash and cash equivalents", but I don't know.						
A second fund, shown in the audit as "restricted" was money collected on the tax bills to pay the next year's GO bond debt service.						
A third fund is						

<p>a reserve that Lompico maintained for the DWR loan. That loan was paid off in 2016, but the County was not instructed to</p>						
<p>transfer that fund to the operating fund yet.</p>						
<p>The cash balances in the operating and restricted funds were provided to the auditors from balances taken on the morning of 6/2/16 before the books</p>						
<p>were opened for business at 8:00 am.</p>						
<p>Apparently the initial communication from the County with the outside auditors in June did not include the DWR reserve fund, but later communication</p>						
<p>in September did include that fund. Nevertheless, it appears it is not included in the audit.</p>						

Subject: Letter to Manager and Board, re Surcharge
Date: Monday, February 27, 2017 at 5:03:04 PM Pacific Standard Time
From: Deb Loewen
To: Board of Directors
CC: Brian Lee, Holly Morrison
Attachments: 02272017 Ltr to DM and Board re surcharge on agenda.pdf

Please find attached letter, which we request be sent immediately to board members. Thank you
Debra

Subject: Requested agenda item Lompico
Date: Wednesday, March 1, 2017 at 12:33:21 PM Pacific Standard Time
From: Deb Loewen
To: Board of Directors
CC: Brian Lee, Holly Morrison
Attachments: 02272017 Ltr to DM and Board re surcharge on agenda.pdf

Please forward this request to President Ratcliff asap. Thank you.

Gene Ratcliffe, President of the Board
San Lorenzo Valley Water District

March 1, 2017

President Ratcliffe,

This is a formal request for the Lompico Surcharge be included on the next agenda, per your policy; specifically the Lompico Surcharge described as requested in two parts, per the attached letter referencing this item. Consideration of the paid debt portion in the surcharge was approved by the former President of the Board in September, 2016, following public testimony, and has been delayed several times. I ask that you please honor this request.

The surcharge item requested above has not yet appeared on an agenda, but has been replaced twice by alternative agenda items. I believe the board is entitled to review our information as requested.

This does not prevent the district manager from promoting his opinion, nor adding a separate agenda item for an alternative Lompico Surcharge formula. I found some of the figures and arguments as presented unclear. I would like to see how the board deliberates this issue, and which factors affect their decision. This includes, but is not limited to, for example, if the district's counsel or manager would like to include in their argument a legal opinion, I believe it should be in writing separately, each under his own signature, so that the board and public can understand the source of such opinion, and reason its place in the deliberative process.

I believe the board is entitled to be informed about special fees. I think these are reasonable requests, and should be honored.

In addition to the original board president request, the board of directors has heard Lompico testimony, as outlined in the attached letter, and has asked that this matter be placed on a future agenda for additional consideration and possible action. This is in line with your policy on responding to public requests. I ask that you honor this specific agenda item as presented.

I would like the future agenda description to please reflect the item as requested. Please let me know your decision as soon as possible. I also ask that district staff share any information intended to be included with this requested agenda item, at least by March 7, so we have time to include responsive agenda item materials, if needed, by the March 9 deadline. I appreciate the district's willingness to collaborate in finding a fair resolution.

Thank you
Debra Loewen
SLVWD customer in Lompico Canyon

Board of Directors, and General Manager
San Lorenzo Valley Water District
Highway Nine
Boulder Creek CA 95006

February 27, 2017

LOMPICO SURCHARGE -agenda item

Directors and Manager Lee,

We look forward to the next board meeting, to include the agenda item first brought to the board in September 2016, and directed to be placed on the agenda by the president of the board. This is a request for review and possible reduction of the Lompico surcharge upon release of third party debt included in the surcharge calculation, paid in full prior to June 1. Please refer to our letter to the board dated 8-26-16, and letter to chairman Brown with details, dated 9-2-16, about the Lompico surcharge to date.

We were told this item would be addressed at the October 20, 2016 board meeting, and we provided relevant materials for the board packet; however, the agenda item was instead listed as "Lompico Merger Agreement Resolution #31 (13-14), which was a general discussion on the merger, the Lompico audit in progress, and the Lompico oversight committee status. We would like those materials*, in addition to the above letters, included in any new agenda item relating to the Lompico surcharge and paid third-party debt reduction consideration.

**Reference Oct 20 2016 board packet, electronic file page 67 (spreadsheet); pages 96-105 (executive summary and backup mtl, charts); Page 161 Evolution of the Surcharge. Letters are in Sept 15 2016 packet, electronic file page 6-8 and 13-14.*

Additional Considerations. In addition, since that time other conditions present themselves for consideration of reduction or elimination of the Lompico surcharge:

- SLVWD staff completion of new water meter installations, and corresponding reduction of labor; expected in surcharge projections to take two years; Assessment. *With appreciation.*
- SLVWD staff completion of SCADA installation, and corresponding reduction of labor; surcharge projections to take two years; Assessment. *With appreciation.*
- Consideration that Lompico customers are being served as a regular zone via the intertie, projected in the surcharge to take up to five years, with regulatory and permitting issues; Grant & Assessment.
- Consideration that Lompico wells and treatment plants are not in operation as projected, with corresponding adjustment to job titles and labor hours projected in the original surcharge.

We brought these changed conditions to the attention of the Finance Committee Nov 20 2016, with a follow-up to board per letter dated January 9, 2017, and would like this letter included in the agenda item.

Ref 1-19-17 agenda packet, electronic file pages 7-10.

Additional Data Requested by the Board. In response to the above considerations, the district manager was asked by the board to provide further data with this agenda item for public meeting board review:

By Director Bruce

A request for data on what conditions have changed since 2014 (*the original agreement year, when terms were set by approval of Lompico voters and property owners*), both in Lompico and in SLVWD; i.e: financial conditions, drought, consumption changes in both, groundwater law, Lompico intertie status, and any other conditions of note (*new general manager, new board in SLVWD, may explain loss of context on intent of merger agreement and terms; why things are better*).

By Director Baughman

A request for data on consumption figures, for both Lompico and for SLVWD, as a comparison since 2014 (*perhaps expressed for each as a bell curve, to show numbers of services in tiers, etc*); Total number of residential services; effect of the drought and restrictions on consumption patterns district-wide.

By Director Hammer

A request for a face-to-face meeting with Patrick McCormick of Santa Cruz LAFCo, to include SLVWD district manager, a board member (at the time he suggested Director Brown), and a member of the public from Lompico (he suggested me, Debra Loewen), and then a report back to the board. We suggested instead that Mr. McCormick be invited to attend the board meeting when this item was agendaized, to make a presentation to the entire board and to be available at the time of discussion for answering questions about the surcharge terms.

Please List Separately. We would like the two components of the surcharge agenda item listed separately, to enable the board to give full attention to considerations, suggested draft wording along the lines of:

Lompico surcharge

- a) **Removal of paid third party debt portion** – consideration and possible action by the board to reduce the Lompico surcharge by the amount allotted to repayment of two third-party debts in years one and two; paid in full by LCWD prior to June 1 merger. (*reference dollar amount to be removed in surcharge, plus amount of possible credit to be returned to Lompico customers, updated.*)
- b) **Reduction or elimination of the Lompico surcharge portion allotted to an increase over regular services due to independent operations** – consideration and possible action by the board to reduce or eliminate the Lompico surcharge, due to changes in original surcharge projections, ie: cost to operate as an independent system, including additional employees; reference to intertie being changed from limited emergency use to full time, the goal at the end of five years per conditions in 2014; effect of advanced installation of water meters and SCADA per original estimated schedule of two years, reduction of labor projections.

Additional Support materials. We please also request to be included with this agenda item as evidence to support the above, reference to a public meeting powerpoint presentation made by SLVWD to explain the merger and surcharge to SLV and Lompico customers: ***Options for future service in Lompico***, May 20 2014 presentation, on the SLWD website at

<http://slvwd.com/lompico/Lompico%20Merger%20Options%20May%202014%20ppt.pdf>

Please include and reference slides 20 (projected staffing requirements) and 21 (debt repayment schedule); slides 16-19 (Pro Forma details and projections); slide 12 (year one Pro Forma detail); slide 4 (intertie for emergency use only) and Slide 2 (working group professionals); all info generated by SLVWD, conditions 2014.

We acknowledge the District Manager’s proposal for a re-formulated Lompico surcharge, as shown in the February 2017 agenda, but respectfully disagree that this conforms to the merger agreement terms and backup. We do not believe this formulary would be supported by the calculations by which all other SLVWD customers are billed, which is stated as assured to Lompico customers in the merger agreement.

Thank you for your consideration. We both served for years on the Citizens Advisory Committee for Lompico Water District, are among the many who worked hard to make the merger successful, and believe it has been to the benefit of all parties. We believe the original merger agreement and surcharge terms were well written to handle possible projected worst-case scenarios of 2014, which have been replaced instead by a change of 2016 conditions to one of best-case results for the Lompico merger, for both parties. We feel acknowledging this progress, reviewing, and eliminating the Lompico surcharge immediately shows SLVWD’s intent towards fairness, good will, and honor – a priceless action.

Respectfully,

Debra Loewen and Ed Frech
Lompico Canyon
POB 66165, Scotts Valley CA 95067

Subject: FW: 11035 Lake Blvd acct#014186
Date: Tuesday, February 21, 2017 at 2:21:49 PM Pacific Standard Time
From: Brian Lee
To: corymccabe17@gmail.com
Attachments: F -Res 953-A Final for web w terms.pdf

Dear Cory,

Thank you for contacting the District regarding the Lompico Surcharge. It is regrettable that you are being told only a small portion of the story. It is true that the Lompico Surcharge was developed during negotiations using the best available information at that time and Lompico County Water District (LCWD) had two known debts; payment to LCWD's prior general manager and payment to the State of California for an outstanding loan. However, the final agreement (which I have attached for your information) was a compromise that does not list specific costs, allowing SLVWD to only charge a set amount each year for the five years after merger while also recognizing that unseen costs may occur. The exact language of the agreement is, "...in order to cover the difference between SLVWD's estimated revenues collected in Lompico and SLVWD's estimated operating costs in Lompico..."

The original agreement was intended to go into effect after the 2015 bond vote. As everyone knows, the bond vote failed. To assist LCWD, I recommended that they consider an Assessment District in place of a Bond, eliminating a tremendous amount of long term costs and interest for Lompicans. Regrettably, it takes time to organize any vote and LCWD needed a full year to implement the Assessment District vote. During that year LCWD continued to accumulate additional debts and revenues.

SLVWD has recognized the debt payments that Ms. Henry and Ms. Loewen reference. But Ms. Henry and Ms. Loewen are refusing to recognize additional debts that LCWD accumulated during the year between the bond vote failure and the Assessment District vote.

The District recognizes the two debts that LCWD finalized in 2015/16 totaling \$47,383:

- \$40,136 - Personnel Settlement to the LCWD ex-general manager,
- \$7,247 - Safe Drinking Water State Revolving Fund Loan.

The District also recognizes, thanks to the finalized audits, that LCWD brought a positive bank account with the merger:

- June 1st Balance of \$245,268 of cash and cash equivalents.

The District also recognizes LCWD debts that were accumulated during 15-16 and debts that were unrecognized during negotiations:

- \$69,563.04 – 15/16 Capital repair cost for contracts signed by Lois Henry as President of LCWD,
- \$8,109.22 – Capital replacement cost for booster pump that began failing prior to merger,
- \$17,437 – Misc. contract costs (final LCWD yearly audits, 15/16 insurance premiums, etc.)
- \$123,467 – Unfunded retirement liability for previous LCWD employees,

SLVWD has fully accounted for all of the above expenses AND cash brought over. Post-merger the Lompico Service Area currently remains underfunded approximately \$75k, or \$10,700 per month. This \$75k shortfall includes all of the above and additional revenue and expenses for the first seven months since merger.

SLVWD remains committed to fulfilling its obligations to all customers and will continue to honor the Lompico Merger Agreement. We appreciate your time in contacting the District and will gladly provide any additional information to assist you in better understanding your water district.

Sincerely,

Brian

 Brian C. Lee, District Manager - 831.338.2153
 San Lorenzo Valley Water District
 13060 Highway 9
 Boulder Creek, CA 95006

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

From: Cory McCabe [<mailto:corymccabe17@gmail.com>]
Sent: Monday, February 20, 2017 9:51 AM
To: Customer Service <CustomerService@slvwd.com>
Subject: [REDACTED]

Why is there still a surcharge on my bill? It was to be removed. Please do that now. Thank you

Cory McCabe

Holly Morrison

From: Deb Loewen <lfsolar@yahoo.com>
Sent: Wednesday, March 08, 2017 5:43 PM
To: Board of Directors
Cc: Brian Lee; Holly Morrison
Subject: Lompico Surcharge agenda item
Attachments: Honoring Lompico Surcharge Agreement.pdf

Board of Directors,

We regret we have not received a response from President Ratcliffe or District Manager Lee confirming or denying our request for specific agenda items on the Lompico Surcharge.

We respectfully submit the attached letter for the next board meeting, asking for your consideration.

Thank you

Debra and Ed

Board of Directors
San Lorenzo Valley Water District
Boulder Creek, CA

March 8, 2017

Honoring the Lompico Surcharge Agreement

Directors,

The past ten months of misunderstanding in San Lorenzo Valley Water District about the Lompico merger have been troubling to us.

We regret we have not received a response to date about our requested agenda item given to the President of the Board and District Manager, to enable discussion and decision specific to the Lompico surcharge paid debt portion, and a second item to address updated conditions in Lompico allowing the reduction or elimination of the surcharge. This was to appear on the March 2017 meeting agenda, with a deadline of March 8.

The Ethicist column in the NY Times ran a case about agreements and responsibility of those in control. We cite their case study analysis¹ on ethical obligations of agreements, which we adapted to hopefully better explain our view of conditions in San Lorenzo Valley Water District, and the direction we wish our board to take on this, and other agreements:

Two water districts, San Lorenzo Valley (SLV) and Lompico, came together and made a merger agreement. The agreement took care of conditions as they were in 2014. There was a mutual expectation that SLV would follow the terms and intent of the merger agreement. Absent a catastrophic event or major change, SLV owes it to Lompico to respect that expectation.

This isn't a legal point. A lawyer could tell you what legal obligations you may or may not have to ratepayers. But it's particularly important to respect your ethical obligations when Lompico water district no longer exists, and these ratepayers have no recourse. We agree with the Ethicist that to do otherwise is an abuse of your power over them.

Your ethical obligation as a board survives even with the 2-year delay, when the reasons for the original surcharge no longer exist. It's hard to see why you should refuse this request in these circumstances, even if you feel the terms are not what you'd prefer.

The District Manager's recommendation to keep the surcharge may look better, in your view, and this seems to be the real issue. It's why you are tempted to insist on your terms. You may think the delay and changes since 2014 give you an excuse to not respect the earlier understanding. The Ethicist says it doesn't. You can play hardball and tell us you only recognize your terms. But that is difficult to justify, given that the changes in Lompico since 2014 have been improvements, and are to SLV water district's advantage.

Information provided in the District Manager's report shows the ordinary nature of operations in Lompico. The problem that stands out is the math, and mixing up components; we understand the manager is a busy man. When we straighten it out, Lompico is shown to fit right

in with the rest of the district, as another zone of service. Funds Lompico had on hand when the merger occurred easily cover both the expected “other” costs and those staff have added on. The gap in consumption narrowed significantly with drought restrictions imposed in SLVWD in 2015. Although there are significant improvements in expected conditions, and debts were paid off, Lompico customers still pay the full \$23.50 per month surcharge, on top of the drought surcharge and regular SLV water rates. Yet regular rates are calculated in the rest of the district to cover all ordinary costs.

Last year the District Manager agreed there was a political bias against Lompico, but thought it would soon subside. In September Manager Brian Lee wrote:

“operationally Lompico is no more difficult than other neighborhoods in SLVWD”.

This board’s decision on the surcharge, and other district decisions now under scrutiny are being closely followed. SLV ratepayers want to know if they can trust you when voting on rate increase proposals. Other agencies want to know what to expect when they sign agreements with SLV water district. This is beyond the surcharge issue. It is about public trust.

The Lompico merger is done and successful. It is environmentally a good decision by both districts to protect Lompico Creek and the canyon watershed, and to ensure that residents have a reliable water supply. Lompico has a fully funded CIP in place for major components of the system. The Lompico merger increases SLV’s share of County property tax allotments, transferred over as it was also a special district. The robust storage in Lompico ensures better fire protection for surrounding communities. There are stand-by water resources in Lompico if needed in the future. The Lompico merger increased the net position of SLVWD by over a million dollars, with no output cost as with similar gains from the multiple intertie projects.

The Lompico Assessment funds have covered SLV staff payroll on projects done in-house, an additional revenue source for the district. About 500 new-style water meters in Lompico, with few exceptions, automatically send readings via text and constantly monitor for leaks, greatly reducing staff time and saving water, unlike elsewhere in most of the SLV water district.

Conditions are better than expected, and, along with improvements completed by SLV staff under the assessment, deserve to be recognized. We feel it is time to honor the original intent, and long past time to remove the surcharge.

Thank you for your consideration.

Respectfully,

Debra Loewen & Ed Frech
Lompico Canyon

¹ The New York Times Magazine, February 5, 2017; The Ethicist Kwame Anthony Appiah

MEMO

To: Board of Directors
From: District Manager
Subject: APPEAL OF SIBLEY METER CONSTRUCTION COSTS
Date: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors deny request for a reduction in meter installation costs.

BACKGROUND:

On May 5, 2016, Mr. Robert Sibley requested a 1" diameter meter installation a parcel fronting Highway 9. Through the proceeding months District staff worked with Mr. Sibley to move the installation forward. Installation of the lateral/meter was completed and Mr. Sibley was invoiced for the outstanding construction costs.

Mr. Sibley provided a \$10,000 deposit in July of 2016 for construction costs. Final construction cost for the lateral/meter was \$21,363.96, considerably higher than the original estimate. Construction costs were incurred, in part, due to the lateral installation in Highway 9 and the associated CalTrans requirements.

Understandably, Mr. Sibley was caught off guard by the final construction cost and appealed to District staff. After reviewing the situation with Mr. Sibley, staff recommended that the meter be reduced from a 1-inch diameter to a ¾-inch diameter, saving \$4,966 in cost. Regrettably, staff could find no options available to reduce the cost to Mr. Sibley further and suggested an appeal to the Board.

The District's Rules and Regulations state,

"Section 12.05 Meter Installation for Regular Water Service, Charges For

The charges for setting meters for regular water service are established as shown on the District's most current Schedule of Rates and Charges.

The District shall install the meter at cost. Where the cost is greater than the deposit, the Applicant shall pay the District the balance. Where the deposit is greater than the cost, the District shall refund the remaining amount."

Staff remains sympathetic to Mr. Sibley but to maintain equity for all other ratepayers, staff must regrettably recommend not reducing the construction cost owed by Mr. Sibley.

STRATEGIC PLAN:

Element 5.0 - Fiscal Planning

FISCAL IMPACT:

\$6,397.96 Remaining Construction Costs



SAN LORENZO VALLEY WATER DISTRICT
 13060 Highway 9 • Boulder Creek, CA 95006-9119
 Office (831) 338-2153 • Fax (831) 338-7986
 Website: www.slvwd.com

INVOICE

Customer:	Job:	Date:
Robert Sibley 815 Brisa Del Mar Bonny Doon, CA 95060	APN# 087-321-11 Account# 014285-000	3/9/2017

PERSONNEL SERVICES (1)	ID	Hours	Rate	Total
Field Services Worker II	209	26.00	\$ 53.48	\$ 1,390.55
Field Services Worker II	212	26.00	\$ 50.95	\$ 1,324.79
Field Services Worker II	207	11.00	\$ 56.18	\$ 617.97
Field Services Worker II	213	4.00	\$ 50.95	\$ 203.81
Field Services Worker II	216	23.00	\$ 44.00	\$ 1,012.05
Field Services Worker I	217	23.00	\$ 39.90	\$ 917.67
Field Services Supervisor	155	18.00	\$ 68.04	\$ 1,224.69

TOTAL PERSONNEL SERVICES **\$ 6,691.54**

(1) Rate includes over head costs

DISTRICT EQUIPMENT (1)	Hours	Rate	Total
Dump Truck 485	8.00	\$ 21.24	\$ 169.91
Truck 309	26.00	\$ 12.46	\$ 323.96
Truck 222	26.00	\$ 12.46	\$ 323.89
Truck 747	11.00	\$ 12.33	\$ 135.62
Truck 275	4.00	\$ 12.85	\$ 51.42
Truck 216	23.00	\$ 11.57	\$ 266.11
Truck 480	23.00	\$ 12.24	\$ 281.53
Truck 155	18.00	\$ 11.57	\$ 208.19
JD Backhoe	8.00	\$ 28.83	\$ 230.65

TOTAL DISTRICT EQUIPMENT **\$ 1,991.27**

(1) Rate includes over head costs

DISTRICT MATERIAL

Part No.	Description	Quantity	Cost	Total
1005-710	UNION GALV 1"	2.00	\$ 5.10	\$ 10.19
1011-120	ELL 90 GALV 1"	4.00	\$ 1.65	\$ 6.60
1014-224	NIPPLE GALV 1" X 2-1/2"	4.00	\$ 1.16	\$ 4.62
1015-220	NIPPLE BRASS 1" X 0"	1.00	\$ 2.33	\$ 2.33
2003-312	MTR VLV COPR-MTR ANG 1X1"	1.00	\$ 91.85	\$ 91.85
2101-064	GATE VALVE 1"	1.00	\$ 18.84	\$ 18.84
2103-002	CHECK VALVE METER SPUD 1"	1.00	\$ 57.38	\$ 57.38
5007-096	CORP PIPE-COPPER IP 1"	1.00	\$ 40.65	\$ 40.65
6007-333	SADDLE DS 8.54-10.10 X 1"	1.00	\$ 40.20	\$ 40.20
7001-414	PIPE POLY 200 PSI CTS 1" SDR9	60.00	\$ 0.43	\$ 25.50
7003-320	PIPE GALV SCHED 40 1" (21')	10.00	\$ 1.62	\$ 16.17
8001-115	METER 1" SRII SENSUS	1.00	\$ 88.42	\$ 88.42
8001-129	MODEL 520R MXU-1 PORT	1.00	\$ 194.85	\$ 194.85
8006-007	METER BOX B16	1.00	\$ 25.76	\$ 25.76
8007-049	METER BOX LID B16P-TR OFFSET	1.00	\$ 19.17	\$ 19.17
8101-115	BACKFLOW RED PRESS 1"	1.00	\$ 189.29	\$ 189.29

TOTAL DISTRICT MATERIAL \$ **831.82**

OTHER MATERIALS/SERVICES

Vendor	Description	Total
A Tool Shed Equipment	Air Compressor	\$ 230.32
Scarborough Lumber	Concrete Mix/Grabber Screws	\$ 43.55
Las Animas Concrete	Sand Slurry	\$ 1,052.86
Lombardo Diamond Core	Saw Cutting	\$ 846.79
Granite Construction Company	Asphalt	\$ 539.77
Security Shoring	Skid Plate	\$ 805.16
Freitas & Freitas	Engineering	\$ 3,875.56
United Rentals	Skid Steer Rental	\$ 4,212.42

TOTAL OTHER MATERIALS/SERVICES \$ **11,606.43**

ADMINISTRATIVE CHARGE	\$ 242.89
TOTAL COST	\$ 21,363.96
LESS DEPOSIT	\$ (10,000.00)
LESS CREDIT FOR 1" TO 3/4" METER	\$ (4,966.00)
TOTAL DUE (REFUND)	\$ 6,397.96



SAN LORENZO VALLEY WATER DISTRICT

13060 Highway 9 • Boulder Creek, CA 95006-9119
Office (831) 338-2153 • Fax (831) 338-7986
Website: www.slvwd.com

June 27, 2016

Robert Sibley
815 Brisa Del Mar
Bonny Doon CA 95060

Subject: Request for Meter Review
APN: 087-321-02

Dear Robert,

The District has on file your request for meter service on the above parcel.

Your request has been:

- Approved. Please come to the District to pay your connection charges.
 - *If possible, please notify the front office ahead of time for when you will be coming in to make your payment. This will allow us to prepare your paperwork ahead of time.*
- Approved. Please bring your plumbing plans and sprinkler system flow requirement to the District to determine the cost of the water connection.
- Conditions. Please contact the District office to discuss and make necessary arrangements.
- Denied. Please contact the District office to discuss this meter request if you have any questions.

- **Approval can be withdrawn at any time.**
- **Water service is never guaranteed until service has been approved, sized and all fees paid.**
- **Any addition of plumbing fixtures and/or residential fire sprinkler system to the existing water service requires an additional review by District staff and approval for compliance with meter sizing District Ordinances.**

If you have any questions regarding this matter, please contact our office.

Sincerely

Stephanie Hill
Finance Manager

DOMESTIC or JOINT DOMESTIC/RESIDENTIAL FIRE SERVICE-METER REVIEW

Agenda: 4-20-17
Item: 14a

ORIGINAL

Request Date 5/5/16 APN 087-321-02

Why Fire Sprinklers/Lot Split/Drinking Water

Existing water sources: None Well Spring Meter Account # 008121-000

Owner's Name Robert Sibley

Existing Units 1 (Barry)

MAIL TO: 815 Brisa Del Mar

Units to be built

Bonny Doon, CA 95060

Pad Elevation +600

? Phone (931) 338-2276

ENGINEERING REVIEW: Date 5/4/2016 Reimbursement Agreement for Parcel NA
 Meter to be bored is Hwy 9. Set In/Out District 1U
 meter on west side of Hwy 9. 8" Main Tank Elevation 1050
 with high pressure. Main Size 8
 Zone Echy
Tail
John Grisoni
 Engineering Department

FIELD OPERATION REVIEW: Date _____ Backflow Needed _____
 DC _____ RP _____

 Operations Superintendent

WATERSHED ANALYST REVIEW: Date _____

 Watershed Analyst

MANAGER REVIEW: Date 5/18/16 Approved Conditions _____ Denied _____

[Signature]
 District Manager

SECOND MANAGER REVIEW: Date _____ Approved _____ Agreement _____

 District Manager

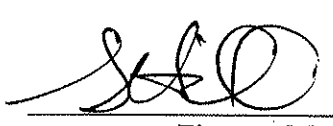
ORIGINAL

METER SIZING (Must submit plumbing plans and the flow requirement for the sprinkler system)

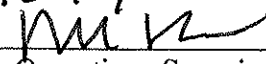
ENGINEERING REVIEW: Date 5/16/2016 ^{May 9} Roadway Pavement Yes
 Need fire flow calculation, CALTRANS County Maintained Pavement
 Customer wants 1" meter for future plus Fixture Units 18
 fire sprinkler flow. (then fire rated) 5/16/2016 Meter Size 1"
 Service Line 2"
 Sprinkler Flow Req. (GPM) _____
 Residual Pressure (PSI) _____
 ACTUAL METER SIZE 1" Fire
 FIRE Flow to be sized with
 Plans approved by Connor Sarna
 Engineering Department

ACCOUNTING DEPARTMENT REVIEW: Date 6/27/16

Connection Charge	<u>9932</u>	BILLING METER SIZE	<u>1"</u>
Installation Deposit	<u>10000</u>		
Establishment Charge	<u>20</u>		
Deposit	<u>75</u>		
Other	<u>8000</u>		
Other	_____		
TOTAL	<u>20,027</u>		


Finance Manager

FIELD OPERATION REVIEW: Date _____

CUSTOMER IS REQUESTING 1" DOMESTIC WATER METER
 EVEN SO SIZED AT 5/8. CUSTOMER RESPONSIBLE FOR
 INSTALLATION IN ACCORDANCE WITH CALTRANS SPECIFICATIONS
 INSTALLATION ESTIMATED BETWEEN \$5,000 TO \$10,000.
 OK FOR SERVICE

 Operations Superintendent

MANAGER REVIEW: Date _____

District Manager

DOMESTIC or JOINT DOMESTIC/RESIDENTIAL FIRE SERVICE-METER REVIEW

Request Date 4/18/2016 APN 087-322-11

ORIGINAL

Why NEW HOME - EXISTING BARN.

Existing water sources: None Well _____ Spring _____ Meter _____ Account # _____

Owner's Name ROBERT SIBLEY

Existing Units

MAIL TO: 815 BRISA DEL MAR

Units to be built 1

BONNY DOUG CA

Pad Elevation _____

95060

Phone 831-234-1934

425-1065

ENGINEERING REVIEW: Date 04/19/2016 Reimbursement Agreement for Parcel _____
8" MAINLINE FRONTING PARCEL In/Out District _____
REQUIRES METER SET ON HWY 9 Tank Elevation 1060
REQUIRES CAL-TRANS ENCROACHMENT PERMIT Main Size 8
MAINLINE OPPOSITE SIDE OF HWY 9 - REQUIRES BORING Zone 24

 Engineering Department

FIELD OPERATION REVIEW: Date 04/19/2016 Backflow Needed _____
NO OPERATIONAL PROBLEMS DC _____ RP _____
NGSD PLUMBING PLAN FOR BARN + HOUSE
NGSD FIRE SPRINKLER FIRE FLOW FOR SIZING
ADDITIONAL INFORMATION needed
OK FOR SERVICE

 Operations Superintendent

WATERSHED ANALYST REVIEW: Date _____

 Watershed Analyst

MANAGER REVIEW: Date _____ Approved _____ Conditions _____ Denied _____

 District Manager

SECOND MANAGER REVIEW: Date _____ Approved _____ Agreement _____

 District Manager

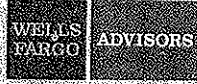
SIBLEY, REV. MARITAL A TR
ROBERT A SIBLEY TRUSTEE
U/A DTD 09/11/1981
815 BRISA DEL MAR
SANTA CRUZ, CA 95060

Agenda: 4.20.17
COMMAND ASSET PROGRAM Item: 14a

104
99-716/1023 10007

7.7.16 Date

Pay to the Order of SLVWD \$ 20,027.00
Twenty thousand and twenty seven Dollars



payable through
Wells Fargo Bank, N.A.

For meter Robert Sibley

⑆02307164⑆ 5588829571⑆ 0104

Harvard Classic

San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006

Receipt Number 00071844
07/07/2016 11:13 AM

Payee: Robert Sibley

Payment Received:
Cash: 0.00
Checks: 20,027.00
Credit: 0.00
Change: 0.00

Account Payments:
UR 014285 - 000 20,027.00

Account Balances:
UR Account 014285-000 Sibley \$0.00

RS

SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9, BOULDER CREEK, CA 95006-9119
Phone 831-338-2153 – Fax 831-338-7986

SERVICE APPLICATION

Date: 07/07/16

Effective Date:

Account #: 014277-000

By: KN

Customer: Robert Sibley

Mailing

Address: 815 Brisa Del Mar, Bonny Doon, CA 95060

Service Address: Reynolds Drive

APN: 087-321-11

Meter Size	STANDARD CHARGES	
1"	Service Connection Charge	\$9,932.00
	Service Installation Deposit*	\$10,000.00
	Service Establishment Charge	\$20.00
	Deposit	\$75.00
	Other (Cross Connection Fee)	\$
	TOTAL DUE	\$20,027.00

*** Installation deposit to be reconciled against actual expenses at job completion.**

The undersigned requests the San Lorenzo Valley Water District to furnish water service to the premises noted above and agrees to pay the rates which from time to time shall be in effect and applicable for the service rendered and agrees to abide by the rules and regulations affecting said service. Property owners are responsible for all water bills. The undersigned hereby acknowledges that she/he is a legal property owner of record for the subject parcel. District customers that have a combined domestic and residential or private fire service shall indemnify and hold the District, its officers and employees harmless from any claims that may result from the failure to supply adequate flow, adequate pressure, or in the changing of the system which might effect the fire or the domestic service. Additionally, any losses that might occur due to such an effect will also be excluded from recovery.

SIGNED



Return One Copy To District Office

Retain One Copy For Your Records

PHONE NUMBER

831-425-1065

OFFICE USE ONLY:

Date Rec'd

7/7/16

Receipt #

00071844

MEMO

To: Board of Directors

From: District Manager

Prepared by: Environmental Programs Manager

SUBJECT: Wildlife Monitoring Using Camera Traps in Olympia Quarry

DATE: April 20, 2017

RECOMMENDATION

Although the final written report has not yet been received, staff recommends that the Board of Directors review this memo and accept the Presentation of the Final Report Wildlife Monitoring Using Camera Traps in Olympia Quarry. Upon receipt of the final written report, staff requests authorization to process the final payment for the grant.

BACKGROUND

On June 2015 your Board awarded a Data Collection/Restoration Grant in the amount of \$5,000 to Pathways for Wildlife for a San Lorenzo Valley High School, Student Wildlife Monitoring Project. The proposed project would provide valuable information about species presence, abundance and biodiversity existing on district lands. This data is important for identifying best management practices for the Olympia Watershed property. The final report will include recommendations for facilitating wildlife movement through the landscape, such as with wildlife friendly fencing. Photographs, videos and maps will be provided to help the District tell the story to watershed residents and ratepayers. District staff, participating students, and if findings are publicized, the public, will have the opportunity learn the challenges that wildlife face, such as finding resources, crossing roads, and dispersing across the landscape as juveniles to establish a home range. They will also learn about conservation solutions that managers use to help preserve healthy wildlife populations.

The Students received the "Project of Merit" award at the Santa Cruz Science Fair in March 2017. They will be presenting their project to local members of the community at the June 1st Science Symposium at San Lorenzo Valley High School.

Following the presentation to the Board the applicants will provide a final project report with findings which will be made available to the public on the District website.

FISCAL IMPACT:

\$5,000 - Data Collection/Restoration Grant Program

STRATEGIC PLAN:

Strategic Element 2.4 Watershed Stewardship - Environmental Education Program

Wildlife Monitoring Using Camera Traps in Olympia Quarry

By Aiden le Roux, Nate Alisago, and Jared Rembao

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Abstract:

We have been collecting data using camera traps since October 2015, on what animals are frequenting Olympia Watershed and examining the biodiversity of this environment.

Olympia Quarry is part of the Sandhills Chaparral, a unique environment found solely in Santa Cruz County, and an important aquifer site for the San Lorenzo Valley Water District (SLVWD). Comparably, Wildlife Ecologist Tanya Diamond and Wildlife Researcher Ahiga Snyder have been accumulating data on a similar environment in the Laurel Curve Trails. The difference between the sites, is the amount of human recreational activity: the Watershed having many dog-walking paths and horses, and the Laurel Curve Trails having minimal human impact. Our question is how human recreational activities will impact mammalian species in the Santa Cruz Sandhill environment. As of January 2017, we have 4 camera traps on the Watershed property, and will be comparing our data to the 18 camera traps on the Laurel Curve Trails. We monitor bimonthly, collecting camera trap data and repositioning the traps as necessary based on our data. We are currently comparing our database with the Laurel Curve data, which will allow us to then construct a conclusion about the impact of human recreational activities on the Sandhills environment. We would like to thank the San Lorenzo Valley Water District for their financial help, and Tanya Diamond, Ahiga Snyder, and Bryan Largay for their invaluable assistance.

Impact of Human Recreational Activities on Mammals

From a study done by Shalene L. George and Kevin R. Crooks in Orange County California 2006 titled *Recreation and Large Mammal Activity in an Urban Nature Reserve* we have identified the following study supported statements for the research portion of our project. A major cause of endangered or threatened species decline in the U.S. can be attributed to human outdoor recreational activity. Due to their low population densities, large area requirements, and historical and current persecution mammalian carnivores, such as the coyotes, bobcats, cougar(s) we have observed, may be especially sensitive to anthropogenic disturbances. Human recreation

has been shown to alter carnivore behavior and distribution; likewise, disturbance of ungulates by human recreational activities has been recorded as initiating alert and flush responses potentially resulting in decreased foraging or reproduction, increased energetic costs or stress, and avoidance of recreational areas. Based on this generalized research we can expect to see similar results or trends in our own project when when we compare our two databases, one of which is a human impacted area while the other is not.

The Geology and Ecology of Laurel Curve Trails

470 acres of redwood and mixed hardwood habitat exist from two land trusts on either side of Highway 17 on laurel curve approximately two miles from the highway's summit. The highway creates a habitat fragmentation problem for the land, but tunnel projects brought about by Caltran and Santa Cruz County are working to bring about a solution. The land itself is widely untouched and remains as crucial habitat for mountain lions, mule deer, bob cats, opossums, and numerous other species. It should be notited for comparison that it is not a santa cruz sand hills environment, but the variable of human impact is still viable as the types of monitored wildlife are similar between both sites.

Camera Traps:

People monitor wildlife for many different reasons, such as a hunter locating game by showing which animals, if any, pass through the location that the camera was placed in. Other examples would be for landowners who want to see if there are any invasive animals on the property such as wild boar. The landowner may also just want to assess his habitat management

plans. Before the camera trap, people would have had to use alternative methods to gather data such as examining burrows or scat and these methods would often be more arduous to perform than using camera traps.

In order to conduct our research at the Olympia Watershed Property we will be using Bushnell Aggressor, and Bushnell Trophy Camera Traps, which are equipped with passive infrared sensors, sensors which monitor infrared light radiating off objects in its field of view, to detect movement and take photos accordingly. The way that our camera traps are set up is after a object passes by the sensor the camera will take three photos in a time frame of one second We will then, in turn, be using these photos to determine animal species in the areas that the cameras are located, and the amount of the species is said area. This data will be used to help determine what species live in the Olympia Quarry and its respective biodiversity.

At the Olympia Watershed Property we currently have five active cameras placed around the area. The Westernmost camera on the Watershed Property is the Woodrat Cam. The Woodrat Cam happens to be one of our cameras that provides a bias due to its unique placement. The Woodrat cam, as the name hints, provides many photos of woodrats in comparison to other animals. The reason for this is this specific camera is located directly below a woodrat nest. Also located about fifteen feet to the right is another woodrat nest. When examining our data from this camera we have to take into account this bias otherwise any results or assumptions we make would be heavily skewed. The southernmost camera that is active is the T-Site Cam. This camera is one of our older cameras that was generously donated to us by Mrs. Orbuch. Unfortunately due to this camera's old age it takes very poor photos and has not been able to give us any reliable data for our project. This is very unfortunate because we set up this camera at a three-way intersection where we found many animal tracks and we were hoping that this would be

great at providing unbiased data. The easternmost camera is called SumpSite. SumpSite used to also have one of the analog cameras but was recently replaced by a Bushnell Trophy Camera and it was really fortunate that it was replaced at the time that it was. This is a camera placed inside a sump off of the main road and also happens to be the only one of our cameras that has caught a puma on camera. This could just be chance but it also could show an area where the puma may visit often which would prove to be very important in the future. One of the cameras northwest of the SumpSite Cam is the Madrone Cut Cam. This camera provides a bias much like the one of the Woodrat Cam but this time we were not expecting to have any statistical bias. The bias that the Madrone Cut Cam provides is for rabbits, as the path that the camera views seems to be a highly traveled path for the rabbits. This bias is actually very important because with those rabbits come predators that try to eat them. One of which predators would be the bobcat. Because of the rabbits this camera has become our most abundant source for photos of bobcats. Finally the northernmost camera is called Criss Cross Cam. This camera, out of all the newer cameras, is the most boring out of all of them. We do get ok data from it but there have been no major discoveries but unlike T-site, the camera is still reliable.

The History of Olympia Quarry:

Olympia Quarry is one of three industrial sand quarries in Santa Cruz County that closed and ceased operations in 2002. Prior to its closure, it was operated by CEMEX a multinational cement making company. They used the quarry to mine sand from the sandstone to produce construction sand. Olympia Quarry lies directly on top of the Santa Margarita Groundwater Basin which is the primary source of water for Scotts valley and is shared by much of the northern Santa Cruz County area.

Olympia Quarry, or Lonestar Quarry, as it was initially called, is a 210 acre plot of land beginning as an unregulated mining operation in 1928, owned by the McMillan Company, which was soon bought up by RMC Pacific Minerals Inc. This operation continued unregulated, until in 1964, it was required to obtain a permit. In 1975, California Surface Mining and Reclamation Act put new emphasis on reclamation of the mined lands in order to continue operating. After this act became law, and through the early 1980's, the county and the quarry had a difficult time resolving their different views, which came to a climax in 1986, with the new requirements of a Planned Quarry Permit. This began the process of writing a revegetation plan.

In 1995, the Olympia Quarry Revegetation Plan was finalized and set into place according to the California Surface Mining and Reclamation Act of 1975. This act states that “reclamation of mined lands is necessary to prevent or minimize adverse effects on the environment and to protect the public health and safety.” CEMEX, the quarry operating company, assumed responsibility for the reclamation.

In 2004, reclamation began with the removal of the sand processing plants. Since then, small-scale extraction of sand by local companies had occurred, ultimately ceasing by 2009. Currently the only operations occurring on the Olympia Quarry consist of revegetation, the building of water pumps and main lines, as well as minimal security.

The Geology and Ecology of Olympia Quarry:

During the Miocene epoch, what is now the Olympia Quarry was just a part of the ocean. This period of time, from 23 million to 5.3 million years ago, consisted of globally warmer climates caused by the movement of the of the continent. This global trend of warming continued until 14 million years ago with a sharp drop in temperatures. This drop in global

temperature, probably caused by continental drift, caused ocean levels to fall relatively rapidly, causing the sedimentary rock found at Olympia Quarry to form.

The top layer of the sandstone is what is known as Santa Cruz Mudstone. Santa Cruz Mudstone is a sedimentary rock that forms in many layers. It varies in hardness and color. Santa Cruz Mudstone shapes much of the coastal landscape in Santa Cruz. Beneath the mudstone lies Santa Margarita Sandstone. This is what the sand quarries dug up. Because of the thick layer of Santa Cruz Mudstone, the quarries would have to dig out large pits in order to reach it. In the Santa Margarita Sandstone, you can find fossils of organisms from animals from 7-9 million years ago.

Olympia Quarry is part of a rare and unique habitat: Northern Maritime Chaparral with Bonny Doon Manzanita, known informally as the Sandhill Chaparral. Because of its location and its surroundings, the Zayante Sandhills became an isolated environment for evolution. In the sandhills, an ecosystem was forced to develop that was remarkably different from the surrounding lush evergreen forest. Plants and animals in the sandhills had to evolve to live in the nutrient-lean sandy soil, as well as the higher temperature in the area.

The geology of the area plays a huge role in the ecosystem of this habitat. The sandhill's white stone reflects light and warms the area. In addition to this, the small minerals retain very little water, which inhibits many larger plants ability to grow. Very few plants are able to grow in the soil so plants that could are able to dominate much of the ecosystem. This caused many smaller plants with smaller leaves and many smaller mammals as well as many other recurring adaptations.

Endemic Vegetation to the Sandhills:

One of the most interesting things we can see about the sandhill ecosystem is the very careful balance of the vegetation. Within this environment, we can see two different kinds of plants; native and invasive. The *Acacia dealbata*, a tree native to Australia, has become one of the most common trees in the southern areas of Olympia Quarry. The *Acacia* is native to a warm and drier climate than much of the Santa Cruz area, which is why they have made Olympia their home. *Acacia*'s grow out of the wetter areas of the quarry and tend to grow up to 30 meters. This blocks out much of the light for the smaller shrubs native to the area, which can allow it to drastically change and unbalance the ecosystem if left unchecked. They are most commonly described by the silver lichen which can grow on their bark as well as their bright yellow flowers.

The Zayante Sandhills are home to four rare endemic species of plants, all of which are federally declared as endangered: the Ben Lomond spineflower (*Chorizanthe pungens var. hartwegiana*), the Ben Lomond wallflower (*Erysimum teretifolium*), the Silverleaf manzanita (*arctostaphylos silvicola*) and Ben Lomond buckwheat (*Eriogonum nudum var. decurrens*). The Silverleaf manzanita is a shrub, commonly one meter tall, but can be known to grow up to six. Looking much like a small tree, the Silverleaf manzanita is well known for its reddish bark and greenish soft leaves. The shrub's flowers or inflorescences of long rounded buds and produce drupes six to twelve millimeters wide. The Ben Lomond spineflower, and the Ben Lomond wallflower as well as Ben Lomond buckwheat are all part of the same family. This family evolved to be able to live in the dry habitat the Zayante Sandhills provide. They do this by staying at a very small size, as well as growing tiny fibers on their leaves. These fibers allow the plant to reflect light and obtain more energy in smaller leaves by increasing their surface area, as well as gather water.

Endemic Animals to the Sandhills:

The Sandhills of Santa Cruz supports an extremely rare ecosystem because of its limited geographic range and it's narrow habitat specificity. What makes the sandhills extremely unique however, is that it is home to three different types of animals found nowhere else in the world, and has undescribed animals and subspecies of animals. These animals are the Santa Cruz Kangaroo Rat, Mount Hermon June Beetle, and the Zayante Band Winged Grasshopper.

The Santa Cruz Kangaroo Rat (*Dipodomys venustus venustus*; Heteromyidae) is a small rodent that is endemic found only in the Santa Cruz Sandhills. Research has found that three of four Santa Cruz kangaroo rat populations that occurred in 1984 have become locally extinct, and the remaining population is threatened by fire



exclusion, or the removal of gaps in the shrub canopy that the kangaroo rat requires.



The Mount Hermon June Beetle (*Polyphylla barbata*) is also endemic to the sandhills, and it is naturally rare due to habitat loss, and it has been listed as endangered by the United States Fish and Wildlife Service.

The Zayante Band Winged Grasshopper is a small grasshopper endemic to the open habitat characteristic of sand parkland within the Santa Cruz Sandhills. It has been recognized as federally endangered by the United States Fish and Wildlife Service, and is constantly being threatened by habitat loss by unlawful recreation and the spread of invasive plants.



Mammals of the San Lorenzo Valley

The Santa Cruz Land Trust property has many different species of mammals, mostly consisting of mice, rats, squirrels, deer, skunks, badgers, foxes, mountain lions, bobcats, and coyotes.

Mice and Rats

There are two different species of rodent on the land we will be studying. They are the Deer Mouse (*Peromyscus megalotis*), and the Pack Rat (*Neotoma*). The Deer Mouse lives in a variety of different habitats, ranging from wide open grasslands to mixed forests and consumes weeds and grasses. The Pack Rat or Woodrat have a rat-like appearance with long tails, large ears and large black eyes. They build complex houses or dens made of twigs, branch joints, and other materials, and they are very common. Their diet consists mostly of green vegetation, twigs, and shoots.

Squirrel

Along with the Pack Rat the animal that will probably be the most common animal to see is the California Ground Squirrel (*Spermophilus Beecheyi*). The California Ground Squirrel eats mostly nuts and grass and tends to burrow underground near mountains or flat ground.

Canine

The coyote (*Canis latrans*), is a smaller animal than its close relative, the gray wolf. Coyotes are social animals, allowing them to hunt in packs in order to take down larger prey. Coyotes are also monogamous by nature, and pairs of coyotes will usually build families and raise the young together until they have outgrown need of protection. Humans, cougars, and gray wolves are the coyotes only serious enemies, while it's prey range from deer, rodents (including rabbits), birds, amphibians, lizards, snakes, fish, and most anything else they can catch.

Feline

The cougar (*Puma concolor*) is a very stealthy and shy animal, and they mostly keep to themselves. Today, they are an endangered species because of hunters in the 20th century killing them for sport. This big cat is found in all different types of habitats from swamps, to forests, and are a rare sighting. They are carnivores, so their diet consists of mammals such as, deer, coyotes, and raccoons. Bobcats (*Lynx Rufus Mearns*) are also a very common wild cat, native to this region. Bobcats prefer wildlands and forests, but are a very adaptable creature and tend to flourish in most ecosystems. Bobcats are carnivorous, eating small mammals and occasionally larger mammals. They have few natural predators, besides humans.

Deer

Mule Deer (*Odocoileus Hemionus*) is one of the most common species of animal found on Santa Cruz Land Trust Property. These herbivorous animals eat mostly small shrubs and trees, grasses and forbs. Mule deer can be found in most habitats as long as they have the required food resources. These will be very common sightings on our camera traps.

Skunk

Skunks are an omnivorous animal common to the region, eating everything from insects, amphibians, reptiles, birds, and even smaller mammals. Who along with a very distinct white

and black coloring are infamous for wielding their very own chemical deterrent, one of the odorous variety. Though when their deterrent isn't enough to separate themselves from a predator it is usually coyotes, bobcats, and cougars which do them in.

Opossum

One of the few native marsupials in the Americas let alone the region, opossums are omnivores whose diet, like the skunk, consists of insects, amphibians, reptiles, birds, and even smaller mammals. Though nocturnal when caught in daylight or even dark possums are famous for playing dead or "playing possum." Their most common predators are coyotes, bobcats, and cougars.

Others

Horses and domestic dogs can also be found on Santa Cruz Land Trust Property. This is usually not natural though. Pet owners like to ride and use the public trails for walking their animals, which might get caught on our camera traps. This might possibly help the Santa Cruz Land Trust get an estimation of how much of the public uses Olympia Quarry for recreational purpose.

Animal Landscapes and Their Challenges:

For an animal to survive, it must travel through multiple landscapes, sometimes in the same day for it survive and find food and water. All animals need to be able to find viable mates. Also, juveniles must be able to disperse out of their parents home range to find their own. This can pose some difficulty for juveniles because they often must cross roads and human

developments and properties. This is called habitat fragmentation, when a habitat is divided, usually by roads or human development, it divides the land into smaller patches. Many species have large home ranges and are wide ranging species. For example, the male mountain lions in the Santa Cruz Mtns have a home range up to 160 km. However, because of habitat fragmentation, their home range can become divided, causing genetic isolation, restricted species movement, and decreasing the population size because of road kill mortalities. This can be solved however, using wildlife linkages like culverts and bridge underpasses.

Glossary:

Biodiversity: The total number of different species in a habitat or ecosystem

Aquifer: A body of semi permeable rock that can contain or transmit groundwater.

Reclamation: The process of restoring an area to its original state.

Adaptation: An adaptation is a genetic trait that gives a species an advantage in an environment.

Indigenous Species: Species native to an area.

Endemic Species: A species which is found only at a certain geographic location in which they are indigenous to.

Invasive Species: An invasive species is any species that is not native to a region, esp. ones that can outcompete native species and spread rapidly

Chaparral: A biome, defined by vegetation of shrubs and thorny bushes.

Fire Exclusion: A policy of suppressing all wildland fires in an area.

Genetic Isolation: A causation of speciation, in which a population is separated through either geographic barriers or reproductive isolation, so that genetic changes happen independent of other populations

Ungulates: a hoofed mammal.

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MEMO

TO: Board of Directors

FROM: District Manager

PREPARED BY: Environmental Programs Manager

SUBJECT: EDUCATION PROGRAM ADVISORY COMMISSION
RECOMMENDATIONS FOR 2017 "CLASSIC WATERSHED
GRANT" AWARDS

DATE: April 20, 2017

RECOMMENDATION:

It is recommended that your Board review this memo and approve the attached resolution regarding the Education Program Advisory Commission's recommended 2017 Education Program "Classic Watershed Grant" awards.

BACKGROUND:

On June 5, 2003 your Board approved District Ordinance No. 100, which established the San Lorenzo Valley Water District Education Program Advisory Commission. The Purpose of the Commission is to advise the Board of Directors regarding the selection and allocation of Education Program grants.

The mission of the Education Program is to provide funding for the Educational and other projects that enhance the understanding of the San Lorenzo River watershed or improve the watershed's environmental health.

From 2004 to 2016, the District annually budgeted up to \$17,500 to fund education grants that advance the mission of the District's Education Program. To date, the District has funded a total of 77 projects through the program. The amount awarded to date is \$182,874.

In 2010, the Commission requested that staff solicit proposals that add to the understanding of District-owned watershed lands. The Commission also requested that an optional public outreach component be added to the project guidelines, increasing maximum funding for each project from \$2,500 to \$3,000 while the budget remained at \$17,500.

On January 26, 2012 your Board held a special joint meeting with the Commission. Your Board directed staff to include two rounds of Education Program Grants each year. The first round of grants was to be designated as "Classic Watershed Grants," and would solicit proposals aimed at watershed education in schools, outdoor camps and community education through hikes and public outreach.

The second round of grants was to be designated as “Data Collection/Restoration Grants” on District lands and would be funded through the Watershed Department. The Commission would also evaluate these grant proposals, the evaluation guidelines, as well as suggested projects would be recommended by the Environmental Committee to the Board prior to the Commission’s evaluation.

2017 Notice of Availability and Response

2017 is the fifth year that two rounds of Education Program Grant funding are being noticed. On February 6, 2017 staff noticed the availability of this year’s Educational Grant Program funding for “Classic Watershed Grants.” Subsequently, the District received eleven (11) “Classic Watershed Grant” proposals for a total funding request of \$28,000 summarized in Item 14e Exhibit A.

Evaluation Procedure

To evaluate and score “Classic Watershed Grant” proposals, the Commission used the procedure that it established in 2006. According to this procedure, each commissioner independently evaluates and scores each grant proposal, using a standard scoring matrix. Each Commissioner returns, anonymously, the scored grant proposal application to District staff. Staff compiles the aggregate scores for review by the Commission at a scheduled public meeting (Item 14e. Exhibit B).

On March 28, 2017, the Education Advisory Commission met at a noticed public meeting to evaluate proposals, and to recommend funding awards to your Board. This year, 9 grant applicants attended the meeting and presented their projects to the Commission. At the end of the meeting, the Commission agreed on its final funding recommendations to your Board.

RECOMMENDED GRANT AWARDS:

As shown in Item 14e Exhibit A to the resolution, the Commission recommended funding seven of the eleven proposals for an aggregate sum of \$17,500. Copies of the 7 proposals recommended for funding are included in Item 14e with the following caveats:

1. SLOPE - District staff needs ensure SLOPE is in compliance with permitting requirements in order to fund the work.
2. Exploring SLR - Funds from this grant will exclusively fund walks in the San Lorenzo Valley.

It is recommended that your Board review this memo and approve the attached resolution regarding the Education Program Advisory Commission’s recommended 2017 Education Program “Classic Watershed Grant” awards.

FISCAL IMPACT:

FY 15-16 Budget - Water Conservation, \$17,500

STRATEGIC PLAN:

Strategic Element 2.0 - Watershed Stewardship

SAN LORENZO VALLEY WATER DISTRICT

RESOLUTION NO. 28 (16-17)

SUBJECT: APPROVAL OF EDUCATION PROGRAM ADVISORY COMMISSION
FUNDING RECOMMENDATIONS FOR 2017 CLASSIC WATERSHED
GRANT PROPOSALS

WHEREAS, the Education Program Advisory Commission (Commission) was established by the Board of Directors in 2003 to advise the Board regarding the selection and allocation of Education Program grants; and

WHEREAS, staff publicly noticed the 2017 Education Program Grant Notice of Availability 30 days prior to the March 6, 2017 application deadline; and

WHEREAS, staff received eleven (11) Classic Watershed Education Program grant proposals according to established procedures; and

WHEREAS, the Commission found seven 2017 Classic Watershed Education Program grant proposals to satisfy the mission of the Education Program and to be worthy of funding; and

WHEREAS, Exhibit A summarizes the eleven 2017 Classic Watershed Education Program Grant proposals recommended for funding and the Commission's recommended funding levels; and

WHEREAS, the Board of Directors has reviewed and considered said recommendation,

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the San Lorenzo Valley Water District that:

Education Program Advisory Commission's recommended 2017 Education Program "Classic Watershed Grant" awards are approved for funding.

PASSED AND ADOPTED by the Board of Directors of the San Lorenzo Valley Water District, County of Santa Cruz, State of California on the 20th of April, 2017 by the following vote of the members thereof:

AYES:
NOS:
ABSTAIN:
ABSENT:

Holly Morrison
District Secretary

Exhibit A: 2017 San Lorenzo Valley Water District "Classic Watershed Education Grant" Applications Summary Sheet							
Project Title	Project description	Amount requested	Award Recommendation	Funds to be used for:	Matching funds	Public outreach component description	Grant applicant
Environmental Monitoring	Honors Biology prepares sophomores, juniors and seniors for a year-long monitoring project. Environmental monitoring involves juniors & seniors in conducting a year long field-based environmental science project. Each project has a mentor (a professional in the field). Students enter projects in the Monterey Bay Sanctuary Symposium, Santa Cruz County Science Fair & the SLVHS Science Symposium.	\$0	Declined	\$450 Mentor Stipends; \$240 Poster Boards; \$100 refreshments/supplies for poster review session; \$160 for honorariums to students w/financial need; \$550 Equipment, kit refills etc.	San Lorenzo Valley School District is providing a part time position to and stipend to support the program. Past grants have purchased labs, and computers, materials and equipment.	Science Symposium in June 2018; Local papers including the Sentinel and Press Banner host announcements; SLVHS web page, Marquee and Cougar Mail will advertise events.	Jane Orbuch Science Teacher
Fifth Graders to Science Camp	To lower the costs for families of fifth grade students attending the Camp Campbell Outdoor Science School (CCOSS) May 23-26 2017.	\$2,500	\$2,000	\$2500 used to reduce cost of Camp Campbell Outdoor Science School.	\$4535 Fundraising through concession sales & Family Dinner Nigh & Redwood Mountain Faire.	n/a	Boulder Creek Elementary Parents Club
Water and Environmental Awareness through Science Literacy: K-3 Science Enrichment at San Lorenzo Valley Elementary School	Deliver 4 water science lessons to approx 400 students at SLVE grades K-3; Provide Science Notebooks to students to record observations and collect data and conduct experiments as well as journal observations; Support coordination of the school Science Fair.	\$2,500	\$2,500	Water Science Lessons \$25 /hr. @ 56 hours = \$1400; Science Journals \$2.00 X 300 students = \$600; Science Fair Coordination \$25/hr. X 20 hours = \$500	The total cost of the program is \$15,000. The Bobcat Club fundraising will match the proposed grant several times over to reach goal.	n/a	San Lorenzo Valley Elementary Bobcat Club
Banana Slug String Band	Interactive and Engaging performances that integrate music, theater, movement & Puppetry to teach watershed education to elementary school students and teachers.	\$3,000	\$0	\$600 - \$800 Assembly Cost (per school)	Banana Slug String Band provides all instruments, costumes, sound system, administration and transportation & original music.	5 elementary school assemblies in SLV and SV Local press (radio and newspapers) Facebook, Twitter, and LinkedIn Network.	Larry Graff Co- Manager
Watershed Rangers	In an after-school program, 15 SLVMS students will enhance understanding of watershed issues including watershed dynamics, endangered/ invasive species and water quality to develop leadership skills necessary to engage the SLV community in the preservation and protection of the San Lorenzo River watershed.	\$3,000	\$2,500	Project oversight \$100; Teachers & lesson planning \$2,250; Evaluation \$100; advertising materials \$500; Mileage \$75	City of Santa Cruz & CWC funding \$31,885	Publicize and host a student-led community service day. Promoted on social media, Local Media and supplies for the event.	Coastal Watershed Council
Family Science Night at SLVE	Family Science Night is an engaging and fun event where students, siblings, and parents learn about science, as it is related to water and watersheds.	\$2,500	\$2,500	Family Science Night Package from Children's Discovery Museum \$1015; Coordinator Stipends \$700; Supplies \$550; water activity \$235	In-kind matching funds valued at the following: SLVUSD \$900; Twelve volunteers \$15/hour \$720; CWC staffing \$400	n/a	SLV Elementary School
Exploring the San Lorenzo River	The Museum will create a series of free educational walks and a culminating Bio Blitz event along the upper and lower San Lorenzo River to educate the community and inspire stewardship about this important wildlife habitat, with a special outreach effort to San Lorenzo Valley residents. SCMNH will work alongside the Coastal Watershed Council (CWC) to coordinate these expert-led walks, including several along the upper portion of the river.	\$3,000	\$3,000	\$1570 Education Personnel; Expert Guides \$250; Supplies \$1,180	County of Santa Cruz Fish and Wildlife Advisory Commission	The Press Banner to reach out to San Lorenzo Valley residents, and the Good Times. A press release to distribute to our other media outlets. Action Cards will be a collectable keepsake to provide ongoing inspiration for participants to act as stewards of the San Lorenzo River.	Santa Cruz Museum of Natural History
Environmental Education for Underserved Students	ENH immerses students in the redwoods and along the coast to foster a deep understanding of the environment and their place in it. Students explore three distinct ecosystems - old growth redwoods, oak woodlands and marine environments. funds raised help to reduce the costs for youth from low-income families so they may enjoy our outdoor education program with their classmates and have equitable opportunity for hands-on learning.	\$2,500	0	\$54,918 Personnel 9 weeks; \$12,580 Travel expenses for students; \$4,000 Supplies; \$225,199 Insurance, Facility Use, Food & Admin Costs	Dean Witter Foundation; Margaret & Dean Leshner Foundation; Save the Redwoods League; Change happens; Sun Power; Other Corporate & Private Foundations Student fees = \$275,000	n/a	Exploring New Horizons

Project Title	Project description	Amount requested	Award Recommendation	Funds to be used for:	Matching funds	Public outreach component description	Grant applicant
San Lorenzo Outdoor Preserve for Education (SLOPE)	The San Lorenzo Outdoor Preserve for Education (SLOPE) provides a safe and accessible environment for the students and community at large to engage in watershed educational activities while restoring a critical riparian habitat near the San Lorenzo River.	\$3,000	\$2,500	Labor & Materials	Donated Labor \$5,000; materials \$2,000; Crowdsourcing \$500;	Public press event at the site at each milestone; website; social media like Facebook; an ongoing log of data collected, including before and after pictures of all activities, as well as Youtube videos and live events at the Preserve itself.	SLVMS
Interpretive Panel for Oly Welfield with Digital Access	An interpretive sign would make information about Sandhills life readily accessible to those who are already interested enough to visit the site. Also to increase general public awareness of the uniqueness of the Sandhills and contribute to respectful use of the site by visitors. The objective is to create an attractive display that will 1) feed visitors' curiosity, 2) convey accurate information, and 3) lead visitors to more information.	3,000	0	No budget provided	none	Every visitor to the site is a member of the public, and there could be more visitors in the future. An illustrated article on the project could appear in the Scotts Valley Press-Banner. A brief article could be enclosed in customers' water bills.	Greening Associates
Getting to Know Our Watershed: The Turkey Foot - Where Boulder Creek & Bear Creek Meet the SLR	Educational exploration of the San Lorenzo River Watershed, with a 10- to 15-minute video about the area near Junction Park in Boulder Creek- a very important place from both a geological and hydrological perspective in understanding the northern part of the San Lorenzo River watershed.	3,000	\$2,500	Labor, drone pilots, video editing etc. \$2,400; Cost of materials (Mini DVD & Video Tapes \$100; Public Outreach \$500	none	YouTube, Face Book, etc.), distributed on DVD to local schools and other groups. distribute copies to local libraries, community watershed educational events, and to other community organizations (such as SLV Rotary, Valley Women's Club Environmental Committee, Henry Cowell Docents).	Fred & Roberta McPherson
Total requested funds		\$28,000	\$17,500				
Available budget:		\$17,500					

SAN LORENZO VALLEY WATER DISTRICT							
CLASSIC WATERSHED EDUCATION GRANT PROGRAM							
GRANT PROPOSAL APPLICATION SCORING FORM							
SPRING 2017							
Environmental Monitoring							
				Educational	Viability	Creativity	Total Aggregate
	Responsive	Non-Responsive	Outreach		of Project	of Project	Score
1	X		9		5	5	19
2	X		10		5	5	20
3	X		10		5	5	20
4	X		10		5	5	20
5	X		10		5	5	20
TOTAL	X		49		25	25	99
Fifth Graders to Science Camp - BCE Parents Club							
				Educational	Viability	Creativity	Total Aggregate
	Responsive	Non-Responsive	Outreach		of Project	of Project	Score
1	X		8		3	3	14
2	X		10		5	5	20
3	X		10		5	4	19
4	X		10		2	5	17
5	X		10		5	3	18
TOTAL	X		48		20	20	88
Water & Env. Awareness through Science Literacy: K-3 SLVE							
				Educational	Viability	Creativity	Total Aggregate
	Responsive	Non-Responsive	Outreach		of Project	of Project	Score
1	X		8		5	4	17
2	X		10		5	5	20
3	X		10		4	4	18
4	X		10		5	5	20
5	X		10		5	5	20
TOTAL	X		48		24	23	95
Banana Slug String Band							
				Educational	Viability	Creativity	Total Aggregate
	Responsive	Non-Responsive	Outreach		of Project	of Project	Score
1	X		9		2	4	15
2	X		10		5	5	20
3	X		9		4	5	18
4	X		10		5	5	20
5	X		10		5	3	18
TOTAL	X		48		21	22	91

Watershed Rangers - CWC							
	Responsive	Non-Responsive	Educational Outreach	Viability of Project	Creativity of Project	Total Aggregate Score	
1	X		9	5	4	18	
2	X		10	1	5	16	
3	X		10	5	5	20	
4	X		10	5	5	20	
5	X		9	5	4	18	
TOTAL			48	21	23	92	
Family Science Night SLVE							
	Responsive	Non-Responsive	Educational Outreach	Viability of Project	Creativity of Project	Total Aggregate Score	
1	X		8	5	4	17	
2	X		10	5	5	20	
3	X		10	4	5	19	
4	X		10	5	5	20	
5	X		10	5	5	20	
TOTAL			48	24	24	96	
Exploring the San Lorenzo River - SCMNH							
	Responsive	Non-Responsive	Educational Outreach	Viability of Project	Creativity of Project	Total Aggregate Score	
1	X		10	5	4	19	
2	X		10	5	5	20	
3	X		10	5	4	19	
4	X		10	5	5	20	
5	X		10	4	4	18	
TOTAL	X		50	24	22	96	
Environmental Education for Understerved Students - Exploring New Horizons							
	Responsive	Non-Responsive	Educational Outreach	Viability of Project	Creativity of Project	Total Aggregate Score	
1	X		6	3	2	11	
2	X		6	5	5	16	
3	X		9	4	4	17	
4	X		10	5	5	20	
5	X		7	5	5	17	
TOTAL	X		38	22	21	81	

San Lorenzo Outdoor Preserve for Education (SLOPE)								
				Educational	Viability	Creativity	Total	
	Responsive	Non-Responsive	Outreach		of Project	of Project	Aggregate	Score
1	X			9	5	5		19
2	X			10	5	5		20
3	X			7	4	5		16
4	X			10	5	5		20
5	X			10	5	5		20
TOTAL	X			46	24	25		95
Interpretive Panel for Oly Wellfield with Digital Access - Greening Associates								
				Educational	Viability	Creativity	Total	
	Responsive	Non-Responsive	Outreach		of Project	of Project	Aggregate	Score
1	X			8	5	4		17
2	X			10	5	5		20
3	X			10	4	4		18
4		X		7	3	3		13
5		X		8	3	4		15
TOTAL	X			43	20	20		83
Getting to Know Our Watershed: The Turkey Foot - McPherson								
				Educational	Viability	Creativity	Total	
	Responsive	Non-Responsive	Outreach		of Project	of Project	Aggregate	Score
1	X		10	5	5			20
2	X		10	5	5			20
3	X		10	5	5			20
4	X		10	5	5			20
5	X		10	5	5			20
TOTAL	X		43	20	25			100

Please accept this **Classic Watershed Grant application** on behalf of the Boulder Creek Elementary Parents Club, for the benefit of fifth grade students at Boulder Creek Elementary located at 400 W Lomond St, Boulder Creek, CA 95006. This application has been completed by Jacqueline Spracklen, Boulder Creek Elementary Parent Club Member and fifth grade parent. Please contact her at 831-338-3502 home, or by mail at 278 Hill Top Court, Boulder Creek, CA 95006, or jacquie@spracklen.info with any questions regarding this proposal.

The Boulder Creek Elementary Parents Club's "Fifth Graders to Science Camp" project is requesting \$2500 to assist in lowering the costs to fifth grade families for students attending Camp Campbell Outdoor Science School (CCOSS) in Boulder Creek, from May 23-26. Attendance at camp not only helps our staff and students meet the state science framework standards, but also gives a unique opportunity for our students to better understand the San Lorenzo River watershed. This matches the mission of the SLVWD Education Grant Program, which is to provide funding for educational projects that enhance the understanding of the San Lorenzo River watershed.

The Boulder Creek Elementary Parents Club works to support the students and families at BCE. Part of our organizational mission is to raise funds to supplement and enhance the student's academic enrichment. In addition, our mission is to work to strengthen our academic community, building on BCE's and SLVUSD's strong foundation. The primary goal of the Boulder Creek Elementary Parents Club in this specific project is to bring costs to families down enough so that all kids can afford to attend science camp with their classmates and teachers this year.

Environmental education at CCOSS is an extension of classroom curriculum which has been taking place throughout the school year. The overall program goals and objectives for CCOSS are:

- Enhance concepts learned in the classroom
- Develop an understanding and appreciation of the functioning ecosystems
- Develop an understanding of the interdependence between humans and the environment
- Provide a quality experiential learning adventure in an outdoor setting
- Develop respect for self, others, and the environment
- Increase students' sense of self-worth through successful learning

They hope to achieve these goals through the exploration of the following core concepts:

- Adaptation
- Interdependence
- Cycles/Changes
- Community
- Ecological Responsibility
- Conservation

They will also achieve these goals and objectives through investigating functioning ecosystems such as:

- Riparian and lotic aspects of the San Lorenzo River, and the unique characteristics of the redwood forest, mixed evergreen forest, chaparral and meadow communities.
- Experiential strategies and activities like observation, measurement, sampling, sensory experience and interpretation, and comparative investigations.

- Fundamental ecology and resource management concepts in ever field study.

The staff at CCOSS will utilize a variety of teaching techniques including the following:

- Each field group participates in a daylong hike, approximately 3-5 miles round trip, traveling through several eco-communities.
- Students experience a night hike and astronomy study that emphasizes nocturnal animal life and nighttime sensory awareness.
- Students participate in a campfire where each cabin group presents a skit about concepts learned during the week.

Success will be measured by the number of students participating in camp. Last year the BCE Parents Club was able to offset costs for each student by \$50. We have the opportunity this year to increase the number of days that students will attend camp which in turn increases the cost per student. We continue to fundraise through concessions sales at events, volunteer work at Redwood Mountain Faire, and family dinner nights, where we partner with local restaurants and receive a portion of their proceeds for an evening. We are hoping to help make camp attendance a reality for all fifth grade students.

While I am not a grant writer, I am a concerned parent who is involved with Boulder Creek Elementary Parents Club. While I, along with other involved parents, and staff, are working toward this same goal, three Boulder Creek Elementary staff members are at the heart of this effort. Dana Thomsen, Lisa Muirhead, and Kim Peterson are our dedicated fifth grade instructors and will be accompanying our students at Camp Campbell Outdoor Science Camp.

Students will be attending camp from May 23-26, 2017. We will be completing a final project report after the students return and expect to have that completed

by June 2, 2017.

Budget Summary

Expenses

\$285 per student to attend Camp Campbell Outdoor Science School

X 87 students

\$ 24,795

\$210 per teacher x 3 = \$630

Total= \$25,425

Income

\$539 earned through Family Dinner Night

\$1,140 earned through volunteers at Redwood Mountain Faire

\$2,856.97 earned through bake sales and BBQ

\$4535.97 estimated fundraising totals

+\$2,500 from Classic Watershed Grant

\$7,035.97 estimated total income to offset expenses

All income will be used to directly offset expenses per student.

Water and Environmental Awareness through Science Literacy: K-3 Science Enrichment at San Lorenzo Valley Elementary School

San Lorenzo Valley Elementary Bobcat Club
Attn: Hilde Largay, K-3 Science Enrichment Teacher
c/o San Lorenzo Valley Elementary School
7155 Highway 9, Felton, CA 95018
831-335-4475
hildelargay@gmail.com



Funding amount requested: \$2500

Summary

This project would support the education of approximately 350-400 San Lorenzo Valley students in the basics of the science of water, and build science literacy at an early age.

It would:

- match Bobcat Club funding of a Science Enrichment Teacher for grades K-3,
- provide science notebooks to students in 1st through 3rd grades for use in recording their observations and collecting data on a variety of experiments, and
- fund a coordinator/s for the school Science Fair.

Need

The principles of watershed stewardship and water conservation are built on a foundation of science and engineering. When citizens are asked to change their behavior, whether that means turning off the tap while they brush their teeth, or preventing erosion in the watershed, they often ask why. Without an appreciation for science, people often doubt the experts charged with managing our resources, especially when those experts ask them to do something inconvenient or less fun than what they had in mind. But with an understanding of the fundamentals of physics and earth science, and an appreciation of the scientific method, people are more likely to understand the rationale behind conserving resources or reducing pollution and act accordingly.

Students at the San Lorenzo Valley Elementary School receive an excellent education. But without external funding, education in science for K-3 students is led by their classroom teacher. These teachers, while exceptionally capable, often don't have the capacity to support hands-on science, which requires extensive preparation and specialized materials. The proposed project will help support a dedicated Science Enrichment teacher who will collaborate with the classroom teachers to provide that hands-on experience with a focus on water and the scientific method.

The San Lorenzo Valley Elementary School Science Fair is an annual event that inspires 40 to 60 students to take the extra step of developing an independent science fair project, including designing and executing an experiment, and presenting the results to a number of judges. The school regularly fills all of the ten places available to it at the Santa Cruz County Science Fair.

Essential to good science is good note-taking. By providing the students with science notebooks, the project would elevate students' perceptions of the program with the special notebooks, and enable students to learn strong methods for capturing their observations.

Project Goal and Measures of Success

This project aims to strengthen our community's science literacy with a focus on water and watersheds. The key objectives are to:

- Deliver an average of four water science lessons to each of approximately 350-400 school children at the San Lorenzo Valley Elementary School, grades K-3
 - *Success metric: tally of students and number of lessons*
- Dedicate those lessons to aspects of science that are fundamental to water resources management:
 - the water cycle and states of matter
 - physics of water: water molecules, surface tension, capillary action
 - watersheds and our local water system
 - water treatment and conservation
 - *Success metric: brief summary of lessons per grade*
- Coordinate the San Lorenzo Valley Elementary Science Fair
 - *Success metric: tally of projects and number of volunteers*
- Provide science notebooks to participating 1st – 3rd grade students
 - *Success metric: tally of notebooks distributed*

Qualifications, Leadership and Key Participants

The Bobcat Club is a group of parents committed to providing excellent educational experiences and support for all our kids at SLVE. The Bobcat Club raises funds and provides support for the following programs:

- Art Masterpiece
- Yearbook
- Life Lab Science
- Science Enrichment Teacher (K-3)
- Music Enrichment Teacher (K-3)

Supervision of staff hired to deliver programs funded through the Bobcat Club is provided by the principal of San Lorenzo Valley Elementary. Jennifer Lahey has been the principal for one year, and oversees a staff of over 30 professional educators.

The science enrichment teacher whose work would be supported by the proposed grant, Hilde Largay, is a California credentialed multiple-subject educator with eleven years of primary grade classroom experience. She has been teaching the K-3 Science Enrichment program for four years. She is fluent in Spanish.

Scope of Work

Water Science Lessons

The proposed water science lessons would be integrated into the existing K-3 Science Enrichment Program at San Lorenzo Valley Elementary School. The logistics of the K-3 Science Enrichment Program are already established: Once a week for 17 weeks the Science Enrichment Teacher visits each first through third grade classroom to deliver a 45-minute lesson. Each kindergartener receives one 45-minute lesson and hands on experience each month for one semester. Each grade level has approximately 85-100 students, a total of 350-400 students. This grant, by sponsoring an average of four lessons for each student, will provide approximately 1600 learning experiences in science related to water resources.

Focus topics include the water cycle and states of matter: evaporation, condensation, precipitation, water as solid, liquid and gas; the physics of water: water molecules, surface tension, and capillary action. Lessons will also cover our local watershed and water treatment. Other topics could include potential and kinetic energy, including how energy governs the flow of water, with examples provided related to pumps, tanks, water pressure, stream flow, and erosion. We expect that this hands-on experience will help cement the concepts that these students will use for the rest of their lives as educated water users.

The San Lorenzo Valley Elementary Science Fair

Enthusiastic students will benefit from the opportunity to go deeper into the scientific method. The proposed project will support the coordination of the San Lorenzo Valley Elementary Science Fair. Coordination includes managing volunteers who coach students and judge projects, as well as set-up, break down, and providing advice to students and parents. This year 52 students participated in the science fair, entering 41 projects. Ten of these projects represented SLVE at the Santa Cruz County Science Fair. Each year the number of participants and projects increases and we anticipate the same for next year. Through this experience, students gain considerable appreciation for the principles of science, and science based management, such as what the Water District conducts.

Science notebooks

Organization and recording observations are key components of science education. The proposed project will provide simple yet sturdy science notebooks for the participating 1st – 3rd grade students. These journals serve as a place for students to record their hypotheses and data from various experiments, to draw diagrams and write new vocabulary. These will be made available for teachers to use year-round in all areas of science. Journals will be stamped with recognition to the SLVWD for providing them (photo at right).

A photograph of a science notebook cover with a stamp that reads: "This journal was paid for by a grant from the San Lorenzo Valley Water District's Education Grant Program. SLVE thanks them!"

Timelines and Milestones

- September 2017: Science Enrichment Classes begin for two grade levels, to be determined by administration. Science notebooks distributed to all 1st-3rd grade classes.
- February 2018: Science Enrichment Classes switch grade levels.
- February 2018: San Lorenzo Valley Elementary Science Fair
- June 2018: Science Enrichment Classes end.
- June 2018: Final report submitted to San Lorenzo Valley Water District

Monitoring Program

The monitoring program will be structured to track the success metrics for each of the project objectives.

- The number of students receiving Water Science education will be tracked
- Brief summaries of the water related lessons will be compiled
- The number of Science Fair projects and volunteers will be tracked
- The number of students receiving Science Notebooks will be tracked

Relationship to the Education Program

This project directly advances the mission of the Education Grant Program by empowering students with the basic understanding of what water is, how it moves through the environment, and how it is managed to provide for environmental health and human benefit.

The project will also help build a generation of students in the San Lorenzo Valley with science literacy. This, especially when taught in the context of water, will help them appreciate as they grow older the reasons for water conservation, erosion control, habitat preservation and other science based actions that citizens and water managers take to understand the San Lorenzo River watershed and improve its environmental health.

Kids love science. When asked 'what did you do at school today', we expect the students will be good teachers of their parents, too.

Matching Funds

The total cost of the K-3 Science Enrichment Program is approximately \$15,000. The Bobcat Club fundraising will match the proposed grant several times over to reach this total.

Water and Environmental Awareness through Science Literacy: K-3 Science Enrichment at San Lorenzo Valley Elementary School

Project Budget

Item	Cost per unit	Quantity	Total
Water Science Lessons	\$25.00	56 hours	\$1400.00
Science Journals	\$2.00	300	\$600.00
Science Fair Coordination	Stipend, based on 20 hours at \$25/hour		\$500.00
		TOTAL	\$2500.00

Coastal Watershed Council Proposal
2017 Watershed Education Grant Program
San Lorenzo Valley Water District
March 6, 2017

1. Name of Individual(s)/Organization Submitting Proposal: Provide the full and correct name of the individual(s)/organization that will receive the grant and be responsible for the project.

Mollie Behn, Education Coordinator, Coastal Watershed Council (CWC)
Greg Pepping, Executive Director, Coastal Watershed Council (CWC)

2. Name, Address, Telephone Number(s) and Email Address of Contact Person: Provide the name, address, telephone number(s) and email address of one (1) contact individual who carries the proposal/project responsibilities.

Mollie Behn, 345 Lake Ave., Suite F, Santa Cruz, CA 95062, (831) 464-9200,
mbehn@coastal-watershed.org:



3. Title of Project: Provide a descriptive title of your project. Watershed Rangers

4. Amount of Funds Requested: Identify the total amount of San Lorenzo Valley Water District Education Grant Program funds you are requesting for your project.

\$3,000 (includes \$500 public outreach component)

5. Briefly describe and summarize your project.

Watershed Rangers connects, inspires and empowers San Lorenzo Valley middle school students in the hands-on exploration of the San Lorenzo River watershed and activities that benefit the watershed's environmental health. Using the scientific method, inquiry and analysis students explore the watershed and use tools and technologies to measure environmental parameters. Students learn the importance of the resources the San Lorenzo River watershed provides, including critical habitat and drinking water supply. What makes this environmental education program unique is not only hands-on science experience, but also the emphasis on leadership development through a service learning model. Service learning models, as demonstrated through Watershed Rangers, begin with education and result in action for direct environmental benefit and leadership development as students determine and implement the best solution to address local watershed issues.

6. Briefly describe why this project is needed and/or what specific problems your project will address.

While many San Lorenzo Valley students recreate with their families along the San Lorenzo River or Fall Creek, many do not understand the intricacies of how their daily actions impact the health of their watershed. Through participating in the Watershed Rangers program, students will become highly engaged in watershed education, develop an increased awareness of issues affecting local watersheds and will generate a direct, positive impact on the San Lorenzo River watershed by putting their newly developed skills to action and hosting a community project in the watershed.

CWC's Watershed Ranger program fulfills a very specific and unique niche within environmental education in San Lorenzo Valley. We work after school, directly building upon and deepening the understanding of what students learn in the classroom, and we work specifically with middle school students, for whom there is typically a gap in resources for out of school programming and who are at an age where it is so important to engage youth in pro-social and career focused activities.

COASTAL WATERSHED COUNCIL

345 Lake Avenue, Suite F, Santa Cruz, CA 95062 · (831) 464-9200

www.coastal-watershed.org

Currently, San Lorenzo Valley Middle School students receive some watershed education programming in the classroom. By strategically building upon the classroom experience, San Lorenzo Valley Water District will allow students to enhance their understanding of watershed issues and develop the leadership skills necessary to engage the San Lorenzo Valley community in the preservation and protection of the San Lorenzo River watershed.

7. Identify the overall goal(s) and primary objective(s) of your project/program. Objectives are the “real world” things you will do as a means of achieving your goals.

Goal: The goal of the Watershed Rangers program is to connect, inspire and empower San Lorenzo Valley youth to explore and protect the San Lorenzo River watershed through meaningful hands-on learning and action. *Objectives:* CWC staff will engage 15 students in 5 hands-on learning and leadership experiences after-school in the 2017-18 school-year. 15 students will design and implement one of the hands-on learning and leadership experiences by putting their increased knowledge and leadership skills into action -- engaging friends, classmate and family in the San Lorenzo Valley community to participate in a culminating community service activity to benefit the health of the San Lorenzo River watershed.

8. Describe how you will demonstrate achievement of the stated goal(s) and proposed objective(s).

CWC will demonstrate achievement of the stated goals and objectives by measuring: 1) Number of students participating in the program, 2) number of hands-on learning experiences, 3) number of community members reached through the culminating community service activity to benefit the health of the San Lorenzo River watershed, 4) change in student awareness of watershed issues in their community and change in self-identified leadership skills using a pre and post survey. In addition to these quantitative assessments, CWC staff will also document observed changes in students’ attitudes and behaviors in relation to the San Lorenzo River watershed and their own community throughout the program. Watershed Rangers activities are regarded as key investments working towards sustainable short-, middle- and long-term improvements in the natural environment of the San Lorenzo River Watershed.

9. Describe your qualifications to complete the grant proposal.

The Coastal Watershed Council (CWC), a 501(c)3 nonprofit, was formed in 1995 in response to the declining health of watersheds connected to the Monterey Bay. Over the past 20 years, CWC has educated thousands of students and trained thousands of volunteers to protect the natural resources along California’s Central Coast. CWC has built a strong relationship with the San Lorenzo Valley School District by collaborating with teachers, presenting at school assemblies and working with student interns to implement community engagement activities.

CWC Education Coordinator Mollie Behn manages and implements the education programs for Santa Cruz County schools, including San Lorenzo Valley Middle and Elementary Schools, focusing on watersheds, climate change, and sustainable practices. Mollie’s experience previous to CWC includes serving as a program manager in Seattle, WA for a forest restoration and service learning education program inspiring stewardship through hands-on experiences. As an environmental educator at North Cascades Institute, Mollie led K-12 grade students in hands-on exploration and investigation of public lands. For seven years, Mollie worked for the National Park Service in various capacities including Interpretive Park Ranger at Acadia and Sequoia National Parks; resource management at Yellowstone National Park and research and development for nation-wide interpretation, education and youth programs in the Washington DC headquarters. Mollie is currently implementing a 2016 Classic Watershed Education Grant from the San Lorenzo Valley Water District to implement the Watershed Rangers program in the current 2016-17 academic year.

10. Identify the key participants and leadership of your proposed project. If you are a group or organization, identify the stated purpose of your group or organization.

The mission of the Coastal Watershed Council (CWC) is to preserve and protect coastal watersheds through community stewardship, education and monitoring. Watershed Rangers project involves all three of these program areas as through education, students get hands-on experience with water quality monitoring and will develop the leadership skills needed to take beneficial actions as stewards for the San Lorenzo River watershed. The project will be led by CWC Education Coordinator Mollie Behn and will involve collaboration with teachers at San Lorenzo Valley Middle School. In the current 2016-17 academic year, Mollie is working with all 6th, 7th and 8th grade science teachers at San Lorenzo Valley Middle School to engage students in lessons about watershed dynamics and water quality monitoring.

Mollie will build upon existing relationships with teachers and school administration to enroll students in the Watershed Rangers after-school program, identify educational activities that build upon classroom learning and collaborate with the SLV High School Watershed Academy teachers to facilitate learning experiences that prepare students to further engage in watershed activities in their continuing education.

CWC will also work with partners to bring more diverse perspectives to students and model environmental careers. For example, with current funding from the San Lorenzo Valley Water District, CWC has partnered with young professional fisheries biologists from FISHBIO to bring fishery science to the students and to model that environmental protection can be a career choice that students can make. FISHBIO staff accompanies CWC educators in the field to conduct stream health surveys. Partnerships like these increase the impact of the funding from the Water District by broadening student perspectives and inspiring commitment to environmental stewardship. CWC will continue to seek unique partnerships like this example in the 2017-18 academic year.

11. Briefly describe exactly what you are going to do and how you are going to accomplish your proposed project. Provide a clear statement of the work to be undertaken.

Each learning experience of the five week Watershed Rangers after-school program will engage students in hands-on science to understand more about the health of their watershed and provide them with additional information for their community service day.

- **Week 1 (Watershed Disturbance Assessment):** Students will conduct their first Watershed Disturbance Survey at Fall Creek to observe and document evidence of human disturbance on the watershed that can affect the health of the river and in turn water quality for human use. Students will sum up their ratings to determine the rate of disturbance in their watershed.
- **Week 2 (Stream Health Survey):** Students will observe and conduct scientific tests at Fall Creek to assess if the stream will support local fish habitat. Students will use this information to understand the habitat requirements of the local fish and how humans can improve habitat.
- **Week 3 (Watershed Disturbance Assessment and Stream Health Survey repeated):** Students will repeat both the Watershed Disturbance Survey and Stream Health Survey at the San Lorenzo River and compare the results to Fall Creek. Students will use the information gathered from the Watershed Disturbance Surveys and Stream Health Surveys to identify the key issues in their community that they can address during the community service project.
- **Week 4 (Preparing for Community Project):** Students will work as a team to identify an issue impacting their local watershed that they would like to address during their community service project. Students will research solutions to the problem and plan/prepare a simple community project or activity to help address their identified watershed issue. Students will identify either a community service project or community outreach project to address the issue.

- **Week 5: (Student-Led Community Project)** Students will then engage their families, friends and communities in a student-led community project that will directly benefit the health of the San Lorenzo River. The exact activity will be determined by the students with guidance from CWC and could involve a river clean up, water quality monitoring, stream bank improvements or community outreach/education.

12. Identify specific timelines & milestones for project completion and the final project report.

- **November/December 2017-** CWC Education Coordinator Mollie Behn will coordinate with SLV Middle School to coordinate timing for the after-school program and teachers throughout the school district to develop curriculum activities.
- **January 2018** - Mollie and partner teachers will recruit and enroll students in program.
- **February 2018 – April 2018-** Mollie and partner teachers will lead four consecutive after-school activities and will plan, advertise and host a community service day.
- **May 2018 (or immediately following the program)-** Mollie will solicit feedback from partner teachers, evaluate program and complete reporting to San Lorenzo Valley Water District.

13. Describe your proposed project monitoring program.

Mollie will manage, lead and enact the Watershed Rangers program under the guidance of CWC Executive Director Greg Pepping. Mollie will lead evaluation activities including monitoring student and community enrollment, partner relationships and student learning (as described in Question #8).

14. Briefly describe how your proposed project relates to and supports the Education Program Mission Statement.

The Watershed Rangers project enhances student's understanding of the San Lorenzo River watershed through experiential learning. By analyzing and generating maps students will learn what a watershed is and how water moves through it; by identifying the flora and fauna of the San Lorenzo watershed and the environmental features that impact their survival, students will understand the challenges for survival, particularly as they pertain to threatened and endangered species; and by visiting Fall Creek and investigating sources of erosion students will discover one of the greatest sources of pollution for the San Lorenzo River watershed. Finally, students will practice their leadership skills by planning and implementing a community activity to share their watershed knowledge with the San Lorenzo Valley community.

15. Identify any other source(s) of funding for your proposed project. Include any matching funds, materials, services, equipment, personnel and/or other resources.

The Watershed Ranger program at San Lorenzo Valley Middle School will be an expansion of the work done in partnership with the City of Santa Cruz Watershed Education and Outreach. Through CWC's funding from the City of Santa Cruz we have been able to build partnerships with San Lorenzo Valley Middle School. Watershed Rangers is an opportunity for a unique investment from the San Lorenzo Valley Water District to add an after school program that incorporates enhanced learning, leadership development and community-service based projects into the classic environmental education model.

16. Optional public outreach component: To be eligible for up to \$500.00 in additional funding, describe how you would publicize your project. What media would you use? How would you make it interesting to your audience?

CWC requests \$500 in funding to publicize and host a student-led community service day at the completion of the Watershed Rangers program. Students will recruit family, friends and the community to participate through mediums such as posters, radio, school or community newsletter and promoted by CWC on social media and in the media. The funds will also be used in public outreach to provide a small budget for supplies needed for the event.

**San Lorenzo Valley Watershed Education and Outreach Services
2017-18 Budget**



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*Preserving and protecting
our coastal watersheds*

Personnel total by task	Hours	Rate (\$/hr)	Cost	SLVWD Budget
Task 1: Project oversight and financial management	15	86	\$1,304.00	\$100.00
Task 2: Lesson planning, coordination with teachers, classroom and field instruction, including travel	430	62	\$26,653.00	\$2,225.00
Task 3: Evaluation (elicit teacher feedback, summarize and report)	18	62	\$1,092.00	\$100.00
Personnel Subtotal:	463		\$29,049.00	\$2,425.00
Direct expense:	Quantity	Unit Cost (\$)	Cost	SLVWD Budget
Mileage	1613	0.535	\$863.00	\$75.00
Materials & Supplies			\$993.00	\$500.00
Curriculum			\$120.00	\$0.00
WQM Kits			\$360.00	\$0.00
Direct Subtotal:			\$2,836.00	\$575.00
Watershed Education & Outreach Services Total:			\$31,885.00	\$3,000.00

Note: labor costs computed using aggregate average billing rate including payroll and indirect (overhead) costs

Family Science Night at San Lorenzo Valley Elementary School

Jessica Curcio, Science Teacher
c/o San Lorenzo Valley Elementary School
7155 Highway 9, Felton, CA 95018
831-335-4475
jcurcio@slvUSD.org

Funding amount requested: \$2500

Summary

This project will support a Family Science Night for all San Lorenzo Valley Elementary School families. This educational experience will benefit students, as well as their parents and siblings, in an engaging and fun event where they would learn about science, and particularly science related to water and watersheds.

It will:

- Purchase a “Family Science Night” package from the Children’s Discovery Museum of San Jose
- Support 2 coordinators for the event
- Purchase 2 compound cordless microscopes specifically for grades K-5
- Purchase consumable supplies for teacher-led activities and pumps for the stream tables

Need

Thanks to last year’s grant, SLVE families enjoyed an evening learning about chemistry from the Children’s Discovery Museum, using microscopes to look up close at water bugs and more, played with the physics of water moving over land with stream tables, along with what makes a good water filter with the Coastal Watershed Council. We had over 130 kids attend last year’s event! An evening of families learning scientific principles together with hands-on activities was an excellent way to kick off the year and support the science that is already going on in the classroom. It is a way to teach parents and students alike in an atmosphere where learning is fun. Teachers at SLVE talk about how much they would like to have family education nights every year, in math, in reading, in science. Lack of funding is always what stands in the way.

Family Science Night would leverage the investment made by the water district in the K-3 Science Enrichment Program at SLVE (described in a separate proposal) by bringing the community together in a festival setting that creates a learning bridge between the classroom and family.

Watershed stewardship and water conservation are rooted in science and engineering. Citizens with greater science literacy are better able to appreciate – and more likely to follow – guidance

given by District professionals. When citizens are asked to change their behavior, whether that means turning off the tap while they brush their teeth, or preventing erosion in the watershed, they often ask why. Without an appreciation for science, people often doubt the experts charged with managing our resources, especially when those experts ask them to do something inconvenient or less fun than what they had in mind. But with an understanding of the fundamentals of physics and earth science, and an appreciation of the scientific method, people are more likely to understand the rationale behind conserving resources or reducing pollution and act accordingly.

Project Goal and Measures of Success

This project aims to strengthen our community's science literacy with a focus on water and watersheds. The key objectives are to:

- Provide SLVE families with a “Family Science Night” by the Children’s Discovery Museum
Success metric: tally of parents and students in attendance

We estimate that 200 people will attend the event.

- Dedicate at least three activity stations to water resource science. These stations would include activities related to:
 - Local water samples under the microscope
 - Water testing and treatment
 - Erosion and how to prevent it

Success metric: tally of water resource related activity stations

Qualifications, Leadership and Key Participants

Jessica Curcio teaches 4th, 5th, and 6th grade science at San Lorenzo Valley Elementary and Middle Schools. Hilde Largay teaches Kindergarten – 3rd grade science enrichment at San Lorenzo Valley Elementary.

Ms. Curcio and Ms. Largay each have over 10 years of experience as educators, and have coordinated many similar events. Together, they will coordinate the evening.

The Children’s Discovery Museum of San Jose is a 25-year old institution with a mission to inspire creativity, curiosity and lifelong learning. In addition to operating the museum itself, the museum routinely delivers interactive science-based learning programs at school campuses.

“Family Science Night” is a special program targeted towards the whole family. More information is available here:

<https://www.cdm.org/learn-create/for-teachers-community-groups/family-science-nights-at-schools/>

Scope of Work

Site Preparation

Ms. Curcio and Ms. Largay will work with fellow students, teachers, and administrators to prepare the community and the site. Activities include: advertising through classroom announcements and the Principal's electronic newsletter, reserving and preparing the room, and purchasing supplies.

Coordination with the Museum and Volunteers

Ms. Curcio and Ms. Largay will contract with the Family Science Night program. Activity stations will be selected from a menu of options to ensure a rich set of activities. To the extent feasible, we will choose activity stations that pertain to the physics, chemistry and biology of water and watersheds. The Children's Discovery Museum will deliver their program, which involves bringing 10 activity stations to the school. Ms. Curcio and Ms. Largay will recruit 12 volunteers from among parents, teachers and alumni. Museum staff will train volunteers to operate and engage families at each station. Museum staff will oversee the operations of the various stations. Ms. Curcio and Ms. Largay will welcome and orient families. All hands will help break down the event.

Additional exhibits focused on water resource science

In addition to the Children's Discovery Museum activities, we will provide at least 2 stations related to water resource science. These stations will include activities related to the ecology of our local watershed, water testing and treatment, conservation, erosion, or pollution.

- One station will be stream tables, which will give students an opportunity to explore concepts of erosion and sedimentation. Included in this proposal is funding for consumables to fill the tables: sand, soil, clay, etc.
- One station will include scientific observation with microscopes. Samples of local water sources will be some of these samples.
- The Coastal Watershed Council will provide an activity table related to water resource science.
- The Water District would be more than welcome to join us and provide an additional station for learning about the Water District, our watersheds and water conservation.

Ms. Curcio and Ms. Largay will plan the water related stations, purchase necessary materials, and coordinate with the Coastal Watershed Council for the event.

Timelines and Milestones

- June/July 2017, or as soon as we have secured funding: Set a date and make a reservation with the Children's Discovery Museum
- August/September 2017: Purchase microscopes
- Late Fall 2017 or Spring 2018: Family Science Night
- June 2018: Final report submitted to San Lorenzo Valley Water District

Monitoring Program

Success metric: tally of parents and students in attendance

Ms. Curcio and Ms. Largay will tally parents and students in attendance.

Success metric: tally of water resource related activity stations

Ms. Curcio and Ms. Largay will provide a list of the stations, including a description of the water related activities.

Relationship to the Education Program

This project directly advances the mission of the Education Grant Program by providing families a fun context for learning some of the science of what water is, how it moves through the environment, and how it is managed to provide for environmental health and human benefit.

Matching Contributions

In kind matching contributions for this project are estimated at \$2020.

The San Lorenzo Valley Unified School District, through the San Lorenzo Valley Elementary School campus, will provide in-kind match to this funding request. The room and tables for the day are valued at \$500. School staff effort in publicizing, setting up and cleaning up after the program is estimated at \$400.

Twelve volunteers are anticipated to provide four hours of work on the night of the event. At \$15/hour, is contribution is valued at \$720.

The Coastal Watershed Council is anticipated to provide staffing and preparation effort for their exhibit, with an estimated value of \$400.

Family Science Night at San Lorenzo Valley Elementary School

Project Budget

Item	Cost
Family Science Night package from the Children's Discovery Museum of San Jose	\$1015.00
Coordinator Stipends	\$700.00
2 compound cordless microscopes, plus shipping and handling	\$550.00
Consumables for the water related activity stations and pumps for the stream tables	\$235.00
TOTAL	\$2500.00

Exploring the San Lorenzo River Budget

Santa Cruz Museum of Natural History

EXPENSE		Budget	Other Sources	Request from SLWD
<i>Itemize all expenses for project budget</i>			<i>How funds from sources other than SLWD will be allocated</i>	<i>How funds from SLWD grant will be allocated</i>
Personnel	% of Time			
Education Manager		\$1,400	\$230	\$1,170
Museum Program Coordinator		\$1,400	\$1,000	\$400
Education Assistants		\$700	\$700	\$0
Fringe Benefits - All Salaries @				
Subtotal Salaries and Benefits		\$ 3,500	\$ 1,930	\$ 1,570
Consultants	Rate of Pay			
Honoraria for Expert Guides		\$500	\$250	\$250
Subtotal Consultant Fees		\$ 500	\$ 250	\$ 250
Total Personnel Expenses		\$ 4,000	\$ 2,180	\$ 1,820
Non-Personnel				
Program Supplies		\$440	\$290	\$150
Transportation (Mileage)		\$130	\$30	\$100
Printing, Family Passes (Action Cards)		\$400	\$0	\$400
Online Services (surveys, etc.)		\$30	\$0	\$30
Marketing (ads, social media)		\$1,000	\$500	\$500
Total Non-Personnel Expenses		\$ 2,000	\$ 820	\$ 1,180
GRAND TOTAL – ALL EXPENSES		\$ 6,000	\$ 3,000	\$ 3,000

Budget prepared by: Ami Davis Telephone Number: (831) 420-6115

Notes:



San Lorenzo Outdoor Preserve for Education (SLOPE)

03.03.2017--A proposal to the San Lorenzo Valley Water District for \$2500 towards Phase I of our project for creating an outdoor space for watershed education, and \$500 for special promotional activities highlighting its relationships with the Education Program Mission Statement and other related topics.

Organization:

San Lorenzo Valley Middle School

ATTN: Rachel Hager, Science Dept.

7179 Hacienda Way, Felton, CA 95018

Email: rhager@slvUSD.org

Contact:

Rachel Hager

605 San Lorenzo Ave.

Felton, CA 95018

phone: (831) 246-2003

Overview of SLOPE

As a middle school science teacher at SLVMS, I have struggled to have a place where I can easily take my students outside to explore stated curricula, particularly around watershed education standards, which is a critical part of getting them engaged with this necessary material. To get to any similar environments now, elementary and middle school students have to go past the high school and the sports fields, through often wet and unstable areas. The San Lorenzo Outdoor Preserve for Education (SLOPE) provides a safe and accessible environment for the students and community at large to engage in watershed educational activities while restoring a critical riparian habitat near the San Lorenzo River.



Goals


1. To create an outdoor educational environment that combines a 50 seat class “room” with a watershed interpretive zone as Phase I, and lay the groundwork and boundaries for a student/community restoration project as Phase II.
2. To create an ongoing online presence and student/community involvement plan to manage all future issues like maintenance and upgrades.

Specifications and Qualifications

I have over 14 years as a middle school science teacher, and I brought in my husband Mark Hager who has over 20 years of outdoor theater installations and environmental restoration with such groups like Shakespeare Santa Cruz, Villa Montalvo, PG and E and the Indian Canyon Nation. He immediately identified the ideal spot, a neglected segment of riparian habitat at the middle school entrance adjacent to the back of the elementary school. This northeast segment of the school district property is currently overgrown with french broom and German ivy, but still contains several old growth oak and redwood trees along a shady stream and small waterfall, and is already intersected by a full access path at the elementary school. We have cleared the critical hurdle of securing permission from both principals, and are beginning implementation now. In addition to providing for the need of an outdoor education space, SLOPE fills the additional need of restoring a portion of riparian habitat close to the San Lorenzo River and being a critical model educational site for such material. It will also allow for a more safe and open use of this area at the boundary of both schools and the community in general. The watershed education grant will allow aggressive milestones to be met for Phase I by buying key materials and securing contractor labor on critical community involvement days. The grant money will also allow for interpretive displays and online applications, as well as an ongoing system to organize teacher and community group involvement, including future project phases to be planned out roughly for the next five years. The interpretive material will be based entirely around watershed standards, but the space will be available more mixed outdoor topics.

Phase I, the SLOPE Outdoor Class “room”

The first step will be a general cleanup of the property to clear garbage, poison oak, non-native invasive species, and address general access and safety issues, as well as delineate the boundaries of the project. Mark Hager is already assembling the volunteer contractor team to implement this cleanup. The largest capital expenses and labor will be put into a set of benches, sufficient to seat fifty students, facing a small clearing and



interpretive display and instructional surface/bulletin board at the northeast point of the property adjacent to Hacienda road. The outdoor class “room” will be surrounded with small trails between twenty tasteful yet durable interpretive numbered labels on examples of native plants, like redwood, coast live oak, rushes and sedges. These numbers will refer to an online database of identified species that can increase with time and can be accessed with a smartphone. The interpretive display at the head of the theater will be composed of three hinged 4’x7’ panels. The two outer panels will have pre-printed content about the SLOPE watershed specifics and the major project sponsors and donors, and the center panel will be a bulletin board/instructional surface for teachers.

Phase II, the SLOPE Propagation/Restoration Demonstration Zone and SLOPERS

The site will be delineated into key areas where students can engage in hands-on restoration and propagation projects, ranging from rush and sedge division to seed collection, and ongoing non-native invasive species removal. Projects will be student led and implemented with online verification and the data tracked for continuous future reference, and will be tied directly to class curricula and current standards. Phase II also includes the creation of the San Lorenzo Outdoor Preserve for Education Restoration Society (SLOPERS) which will be a loose organization of interested community members for the completion and implementation of a five-year plan for the site. .

Milestones

I. Phase I

Phase i will be completed in ten full workdays spread out between March 1 and an opening ceremony on Sept. 1 of 2017. Community work days and media promotional events will be held in summer 2017 on weekends in July and August, when most of the work will get done. The rest will be finished by the core team to be ready for the opening and fall classes, and a final project report.

II. Phase II

Phase two will be implemented from September of 2017 through May of 2018, and will begin a process of tying each year’s class schedules to the phases of the project. The SLOPE site will be tracked for the whole school year, through the rainy season and spring, and thus will have milestones corresponding to semester midterms and semester breaks. Students will complete in-class assignments in SLOPE according to class schedules.



Educational Program Mission Statement

We cannot state strongly enough that the mission of SLOPE is nearly identical to the Educational Program Mission Statement, with the exception that we are a specific model example of it where teachers, students, and the community can come together to explore the topics of watershed science and environmental restoration.

Additional Resources

We are implementing a community crowd-sourcing campaign to encourage further donations of money, time and materials, through the rest of the summer. These community campaigns will directly evolve into SLOPERS at the launch in September. Current project members have extensive connections with local contractors and suppliers who will be approached to make contributions. Several offers of donations of materials and times have already been made. All funds will be publicly tracked and transparent. Parental and community contributions and involvement will be actively encouraged on an ongoing basis.

Optional Public Outreach Component

Each of the milestones shall be celebrated with a public press event at the site. Outreach shall be maintained through a website with links to major partners and sponsors, as well as social media like Facebook and/or other appropriate formats, and shall serve as an ongoing log of data collected, including before and after pictures of all activities, as well as Youtube videos and live events at the Preserve itself. Community news and media outlets will be actively informed of each of the stages of the endeavor, with participation encouraged at every step along the path.

**San Lorenzo Valley Water District
Classic Watershed Education Grant Application
February 27, 2017**

1. Name of Individual(s)/Organization Submitting Proposal:

Fredrick L. and Roberta L. McPherson

2. Name, Address, Telephone Number(s) and Email Address of Contact Person:

Provide the name, address, telephone number(s) and email address of one contact individual who carries the proposal/project responsibilities.

Fred McPherson
P. O. Box 544
Boulder Creek, CA 95006
(831) 338-2097
fredwood@cruzio.com

3. Title of Project:

Getting to Know Our Watershed: The Turkey Foot – Where Boulder Creek and Bear Creek meet the San Lorenzo River

4. Amount of Funds Requested: \$2,500.00 (plus optional public outreach DVD. See #16 below.)

5. Briefly describe and summarize your project.

We would like to continue our description and educational exploration of the San Lorenzo River Watershed, this time bringing attention to understanding the northern part of the watershed by producing a 10- to 15-minute video about the Turkey Foot, that area in Boulder Creek often referred to as The Junction. It's a very important place from both a geological and hydrological perspective in understanding the northern part of the San Lorenzo River watershed. Geologically, it's where the Ben Lomond and Zayante faults meet and where the northern part of Ben Lomond Mountain ends and the southern part of the Butano Ridge begins.

In terms of hydrology, it's where, within a very short distance, Boulder Creek and Bear Creek join the San Lorenzo River, forming what looked to early pioneers like a turkey's foot.

This video will deal with the Boulder Creek Treatment Plant and the associated pipelines only in a general way. A more detailed description of this system and facilities deserves a whole video in itself, assuming the San Lorenzo Valley Water District would like more detailed documentation about the northern system to be made public.

6. Briefly describe why this project is needed and/or what specific problems your project will address.

People's lives are so busy that it is often hard for them to see beyond superficial political issues to develop an understanding of the deeper reality of what is needed to provide them with high-quality drinking water every day.

There is much more to learn about the San Lorenzo River Watershed and the work the San Lorenzo Valley Water District does in relation to it. Focusing on the northern end of the watersheds will help extend Water District customers' knowledge and understanding of the extent of the area involved in bringing their water supply to their homes.

Many customers within the District who spend time researching the District website could benefit from and enjoy learning about this aspect of their watershed.

7. Identify the overall goal(s) and primary objective(s) of your project/program: (Objectives are the "real world" things you will do as a means of achieving your goals.)

Our overall goal remains to help people to understand the unique characteristics of their watershed, where their water comes from, and how it gets to them, by continuing our video series about the San Lorenzo River Watershed. Our primary objective is to focus on the confluences of Boulder Creek, Bear Creek and the San Lorenzo River as a reference point for understanding the underlying geology, hydrology, and natural history of the upper watershed.

The idea continues to be to get customers invested in their watershed, as something to be appreciated and cared for, not only because of its beauty, but also because it provides essential ecosystem services and high-quality drinking water.

This video would be the second in a series of videos documenting various aspects of the San Lorenzo River watershed, its tributary sub-watersheds, and their contribution to our surface and ground water supply.

8. Describe how you will demonstrate achievement of the stated goal(s) and proposed objective(s).

We will demonstrate achievement of the stated goals by completing and delivering a video that tells a story about the watershed as described above.

9. Describe your qualifications to complete the grant proposal.

Fred McPherson has been involved with and actively working on issues of the San Lorenzo River and its watershed for over 40 years. Throughout this time, he has been working as a teacher and biologist studying and teaching about the San Lorenzo River and its watershed and the Santa Cruz Mountains. His PhD (received in 1976) was a comparative project focusing on the differences between how people perceived and used the upper San Lorenzo River compared with the lower river. He was a founding member of Save San Lorenzo River Association in the 70's, has served on

the SLVWD Board of Directors and its various committees and study groups for a number of years, and is well versed in the issues and ideas necessary to make the above presentation. In the last 15 years, he has turned his interest in photographing plants, animals, and landscapes of the Santa Cruz Mountains toward video work, taping hundreds of hours of footage documenting this diverse area.

Roberta McPherson has gained an extensive knowledge of video editing, script writing, and narration through the production of the various video documentaries she and Fred have produced over the years.

We have produced numerous videos, including "Getting to Know Our Watershed: Fall Creek," funded by a grant from the SLV Water District; "A Fish Tale," commissioned by Henry Cowell for exhibit in their Visitor Center; "The Wonders of Henry Cowell Redwoods State Park," "Introduction to the Merced National Wildlife Refuges," and "Eye of the Flycatcher." Our videos have been shown in the Santa Cruz Film Festival, the Henry Cowell Natural History Film Festival, to the docents at Henry Cowell and Natural Bridges State Parks, at public meetings of the California Native Plant Society, SLV Rotary, at the Watershed Conference of the Valley Women's Club, and in science classes at SLV High School, Middle School, and both SLV elementary schools.

Our video work can also be seen on our YouTube channel – Natural History Santa Cruz Mountains.

10. Identify the key participants and leadership of your proposal project. If you are a group or organization, identify the stated purpose of your group/organization.

Fred and Roberta McPherson are the key participants of this project. As well as interviewing pertinent Water District personnel and area geologists, we plan to work with at least one local drone pilot to get overview shots of the area.

11. Briefly describe exactly what you are going to do and how you are going to accomplish your proposed project. Provide a clear statement of the work to be undertaken.

As videographers we have been documenting the San Lorenzo River and its watershed for over 10 years and have accumulated a wealth of archived video footage about Boulder Creek, Bear Creek and the San Lorenzo River. We will augment this with new seasonal footage, geological overview footage, and possible interviews of involved District personnel and area geologists, which will be woven together to tell a story about the San Lorenzo River watershed at the Turkey Foot and in the surrounding area.

As part of the educational option we would be happy to make 25 copies of a DVD with an attractive label for distribution as described below in #16.

12. Identify specific timelines and milestones for project completion and the final project report.

1. Prepare an outline and draft script; 2. Inventory and assemble archival images into a draft timeline to ascertain what additional footage is needed; 3. Travel to various locations in the Northern Watershed area to shoot any needed additional video footage; 4. Engage the services of a local drone pilot to get certain overview shots of the area; 5. Interview involved District personnel and area geologists, if available; 6. Organize and edit the video clips into an easily understood, interesting storyline; 7. Complete a final draft of the script for narration; 8. Record voice-over narrative and add any interviews and background music; 9. Complete the final video for viewing on the website and on a thumb drive and/or master DVD; 10. As part of the educational option, we would also prepare a set of 25 DVD's for distribution as described above.

13. Describe your proposed project monitoring program.

We do not have a monitoring program as such, but the project will be done in phases as described above in #12.

14. Briefly describe how your proposed project relates to and supports the Education Program Mission Statement.

This project directly relates to the Education Program Mission Statement in that it provides a visual introduction to two key tributaries in the San Lorenzo River watershed and will increase the understanding of the watershed, its use as a source of surface water, and needs for protection on the part of anyone viewing the District's website. It has the potential to educate a large number of people about another important aspect of the watershed not only through the District website, but also in classrooms, and public presentations to community groups.

15. Identify any other source(s) of funding for your proposed project. Include any matching funds, materials, services, equipment, personnel and/or other resources.

We have no other sources of funding for this project.

16. Optional public outreach component: To be eligible for up to \$500.00 in additional funding, describe how you would publicize your project. What media would you use? How would you make it interesting to your audience?

Aside from being designed for viewing by the general public on the District's Website (with links to YouTube, Face Book, etc.), as an optional educational component of this grant, the video can also be made available and distributed on DVD to local schools and other groups. It could help acquaint and instruct teachers and students about SLVWD operations. To broaden the scope of who will see this information, we would also be happy to distribute copies to local libraries, as well as showing it at community watershed educational events, and to other community organizations (such as SLV Rotary, Valley Women's Club Environmental Committee, Henry Cowell Docents).

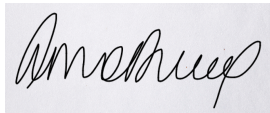
Budget Summary

Program Expense Item	Cost
Labor involved with script writing, working with local drone pilots, video editing, shooting new video, and production as described above to provide a video of approximately 10 to 15 minutes in length. Use of video and computer equipment is included in the above charges. *See note below	\$2,400.00
Cost of materials (Mini DVD Video Tapes, DVD's, etc.)	<u>\$100.00</u>
TOTAL	\$2,500.00
Optional Public Outreach DVD, making 25 copies for distribution, and presentations to local schools and civic organizations.	<u>\$500.00</u>
OPTIONAL GRAND TOTAL	\$3,000.00

*NOTE: Every minute of completed video will represent countless hours of work: Weeks in the field shooting footage and gathering information and many hours in post-production developing the story, finding just the right clips to illustrate a specific point, writing a script to tell the story, and editing audio together with visual to produce the final video.

Proposal for the 2017 San Lorenzo Water District Classic Watershed Education Grant

1. Name of Individual(s)/Organization Submitting Proposal:



Ami Davis, Development Manager
Santa Cruz Museum of Natural History

2. Name, Address, Telephone Number(s) and Email Address of Contact Person:

Ami Davis, Development Manager
Santa Cruz Museum of Natural History
1305 East Cliff Drive, Santa Cruz, CA 95062
831.420.6115 x 14, development@santacruzmuseum.org

3. Title of Project: Exploring the San Lorenzo River

4. Amount of Funds Requested: \$2,500 + \$500 public outreach component (\$3,000 total)

5. Briefly describe and summarize your project.

The Santa Cruz Museum of Natural History (SCMNH) will create a series of free educational walks and a culminating BioBlitz event along the upper and lower San Lorenzo River to educate the community and inspire stewardship about this important wildlife habitat, with a special outreach effort to San Lorenzo Valley residents. SCMNH will work alongside the Coastal Watershed Council (CWC) to coordinate these expert-led walks, including several along the upper portion of the river, bringing together two successful programs: SCMNH's "Birding Along the San Lorenzo River Walk Series" and CWC's "Ecosystem Expeditions." The San Lorenzo Water District Classic Watershed Education Grant would support SCMNH expenses for this joint program.

6. Briefly describe why this project is needed and/or what specific problems your project will address.

The reputation of the San Lorenzo River has suffered with recent incidences of crime and a history of unhealthy water. In combination with this negative reputation, the lack of positive uses for the Riverwalk is discouraging to those who may be curious. SCMNH and CWC see an opportunity to improve this dynamic with our Exploring the San Lorenzo series of programs.

The Exploring the San Lorenzo River series will provide unique educational experiences inspired by best practices in outdoor education, including hands-on exploration, student-led learning, and opportunities to apply knowledge. The walks, held from Felton to Santa Cruz, will build positive memories that connect youth and their families to nature, and foster a sense of responsibility for the health and quality of native fish and wildlife habitats. Participants will learn from expert birders and wildlife specialists to identify species, and learn about their life cycles, habitats and behavior. They will also learn about the impacts of humans on the river ecosystem. SCMNH and CWC will support this outdoor learning with activities and games that help students and their families retain knowledge and appreciate their role in this diverse urban river ecosystem.

The concluding BioBlitz is a concrete way for program participants to contribute to the health and study of the River. A BioBlitz is a focused survey of a particular ecological area by scientists and citizen scientists in order to provide a natural “snapshot” of that region over a specified period of time. We will train participants to record their own scientific observations during our Earth Day 2018 BioBlitz. According to the California Academy of Sciences, “BioBlitzes not only help land managers build a species list and atlas for their park and provide invaluable data for researchers, they also highlight the incredible biodiversity in these...oases.” A BioBlitz can help communities learn together, connect with their local ecosystem, and take part in conserving it.

SCMNH will also provide “Action Cards” for participants as a program take-away. These cards will explain what participants can do in their everyday lives to be citizen scientists and stewards of their watershed, such as cleaning up after pets, conserving water, and participating in other stewardship projects that directly impact the riverine ecosystem.

SCMNH will make a special effort to reach out to the San Lorenzo Valley (SLV) community by hosting several walks along the upper portion of the San Lorenzo River, placing an ad in the local paper, *The Press Banner*, and promoting the event to the Museum’s roughly 500 SLV constituents. All attendees will leave each tour with clarity on what actions they can take to preserve and protect the San Lorenzo River habitat.

By providing this program series free of charge, we offer an inclusive way for people from all economic levels and academic backgrounds to practice citizen science, and become empowered to contribute to the scientific study of and appreciation for the San Lorenzo River.

7. Identify the overall goal(s) and primary objective(s) of your project/program. Objectives are the “real world” things you will do as a means of achieving your goals.

Goals:

1. Reconnect a healthy San Lorenzo watershed to a vibrant community.
2. Educate the public, especially San Lorenzo Valley residents, about the river and raise awareness of the river’s integral role in the health of our community and the ecosystems it supports.
3. Reframe the river as a space for community gathering and recreation, and inspire regional pride in this ecosystem and community resource.
4. Inspire and equip participants to take action and engage with efforts to support the health of the San Lorenzo River ecosystem.

Objectives:

- Provide participants with opportunities to connect with experts and to explore and discover the riverine ecosystem.
- Host 10 bird, fish and wildlife tours and one culminating BioBlitz along the San Lorenzo River from February to April 2018, bringing approximately 250 school age youth and family members to visit the river and learn about local wildlife in this habitat.
- Provide “Action Cards” for participants as a program take-away to promote ongoing stewardship projects that directly impact the river ecosystem.

8. Describe how you will demonstrate achievement of the stated goal(s) and proposed objective(s).

1. Participation in each walk will be at maximum capacity (250 participants total).
2. As a result of the program, survey responses will demonstrate an increase in environmental concern, the value of a free citizen science program to participants' lives, and an increase in knowledge about the watershed.
3. There will be an increase in the number of observations conducted during the 2018 BioBlitz compared to the 2017 pilot program.

9. Describe your qualifications to complete the grant proposal.

The Santa Cruz Museum of Natural History works toward its mission *connecting people to nature and inspiring stewardship of the natural world*. The Museum is a leader in environmental education in the community. With diverse Museum and field-based programs, we serve more than 30,000 children and adults each year. The programs are supported by a dedicated base of trained volunteer docents that allow us to keep programs low priced and accessible.

The Museum education staff has extensive experience in watershed education, curriculum development, restoration, fieldwork, volunteer coordination, program development, and program evaluation. We are consistently working to upgrade our programs and make them relevant to diverse audiences throughout Santa Cruz County.

10. Identify the key participants and leadership of your proposed project.

The Museum's education team is led by Education Manager Felicia Van Stolk. Felicia has been developing, leading and training others in environmental education programs since 2010. She is a Santa Cruz native with extensive experience in marine science education, and was responsible for programming at the Marine Science Institute. Felicia has a Bachelors in Marine Biology (with a minor in Conservation Biology) from UCLA and has facilitated watershed education programs for children and the general public.

The CWC, a supporting partner, was formed in 1995 in response to the declining health of watersheds connected to the Monterey Bay. CWC's mission is to preserve and protect coastal watersheds through stewardship, education and monitoring. Over the past 21 years, CWC has educated thousands of students and trained thousands of volunteers to protect the natural resources along California's Central Coast. CWC's technical experts follow state and federal protocols to generate scientifically valid data that inform key decision-makers. CWC's history has positioned it as a well-respected leader in watershed protection.

11. Briefly describe exactly what you are going to do and how you are going to accomplish your proposed project.

Program planning will take place in January 2018 and will include coordinating and scheduling guest speakers, applying for permits, developing promotional materials, and designing curriculum for youth engagement and the BioBlitz. SCMNH will develop curricula for the walks as well as take-away "Action Cards" for participants. SCMNH and CWC will organize ten weekly walks, five focused on birdwatching and five focused on fish and wildlife, along the San Lorenzo River for school-aged children and their families to occur February through April 2018, including recruiting experts, obtaining permits, and

coordinating marketing efforts.

12. Identify specific timelines & milestones for project completion and the final project report.

Task	Completed by
Expert recruitment	January 2018
Obtain necessary permits	January 2018
Launch marketing campaign	January 2018
Conduct programs	February-April 2018
BioBlitz Event	Earth Day 2018
Final project report	June 2018

13. Describe your proposed project monitoring program.

We use an online system, Altru, to track RSVPs and attendance. We distribute paper surveys to participants after each walk (for improved survey compliance), then enter the data into Survey Monkey to track and analyze program impact. We use the iNaturalist citizen scientist database to record observations made during the BioBlitz program.

14. Briefly describe how your proposed project relates to and supports the Education Program Mission Statement.

The San Lorenzo River is an integral part of our community’s history, public health and local economy and is the primary source of drinking water for nearly 100,000 people. It is home to threatened steelhead trout and endangered Coho salmon and local and migratory bird species. Yet our community has a mixed relationship with the San Lorenzo River and its riverfront parks with specific concerns of public safety and accessibility of the river for positive uses. In order to better make informed decisions and to take daily actions that support the mutual health of humans and wildlife, we must build a positive association with this habitat. The purpose of Exploring the San Lorenzo is to raise awareness about this critical ecosystem. The river walks and Action Cards will empower participants with concrete steps to improve the watershed’s health and help them associate the river with natural beauty and vitality.

15. Identify any other source(s) of funding for your proposed project.

We will apply to other sources, such as the County of Santa Cruz Fish and Wildlife Advisory Commission, to cover additional staffing costs of the program. CWC will identify separate funding from a source other than the San Lorenzo Water District or County of Santa Cruz Fish and Wildlife Advisory Commission for their project components.

16. Optional public outreach component:

SCMNH will design ads that promote the series and present an educational anecdote about the watershed. We will utilize marketing funds to purchase ads in *The Press Banner* to reach out to San Lorenzo Valley residents, and the Good Times (one of our media partners). We will create a press release to distribute to our other media outlets. Finally, the Action Cards will be a collectable keepsake to provide ongoing inspiration for participants to act as stewards of the San Lorenzo River. The San Lorenzo Water District would be prominently recognized on all print and web literature about the series, as well as the Action Cards.

MEMO

TO: Board of Directors
FROM: District Manager
WRITTEN BY: Director of Operations
SUBJECT: Request to Remove Fencing Lower Pasatiempo Water Storage Tank
DATE: April 12, 2017

Recommendation:

It is recommended that the Board of Directors review the attached correspondence from Greg Pierson, 1025 Whispering Pines Drive requesting removal of District Fencing at the Districts Lower Pasatiempo Water Storage Tank.

Background:

On March 16, 2017 the District received correspondence from Greg Pierson, 1025 Whispering Pines Drive in Scotts Valley requesting removal of District fencing in front of his home (see attachment 1). The Pierson's home is adjacent to the Districts Lower Pasatiempo Water Storage Tank in Scotts Valley.

In 2006 the District started receiving complaints from several homeowners in the area of the Lower Pasatiempo Water storage tank and the Scotts Valley Planning Department. The complaints were in regards to illegal parking on District property, construction of retaining walls, planters, storage of material on top of the water tank, and illegal activity all on District property. The parking was so bad District staff were unable to access the tank without walking some distance.

On May 18, 2006 the Board of Directors discussed this issue and appointed two Board Members and staff to address this issue (attachment 2). The District moved forward with surveying parcels to determined property corners (attachment 3). The owners of 1025 Whispering Pines drive disputed District ownership and obtained legal representation. Complaints intensified from the

neighborhood and attempts failed to work out a neighborhood agreement. The Department of Health Services, February 16, 2007 Health Inspection noted that “the roof of the tank and the area directly around the tank had a significant amount of garbage and debris, which must be removed immediately. The report also noted that security around the tank should be increased to ensure that no further items are placed on or around the tank, and to ensure that intrusion into the tank does not occur” (attachment 4).

In July 2007 the District filed a lawsuit and after a long court proceeding the District moved forward in June 2010 with security measures with the installation of perimeter fencing pursuant to the Statement of Decision filed in Action No. CV157662, Superior Court of the State of California, County of Santa Cruz as outlined on the attached drawing (attachment 3). Correspondence was sent May 20, 2010 to the owner informing the statement of Decision concluded that the equitable servitude which burdened Tank Lot A for the benefit of their property does not confer any right to park vehicles on District property (attachment 5). The cost of legal proceeding was in excess of \$90,000 not including the fencing.

An easement does exist for 1025 Whispering Pines, allowing for access over District property Tank Road A and Tank Lot A (attachment # 6). The easement is limited to passage for ingress to and egress, expressly prohibiting parking on District property.

Shortly after the fencing was installed the property was foreclosed and bank sold for a reduced price because of the City of Scotts Valley Compliance Orders (red tags) and newly installed fencing.

On March 16, 2017 the District received correspondence from Greg Pierson, the new owner 1025 Whispering Pines Drive in Scotts Valley requesting removal of District fencing in front of his home. The Pierson’s home is adjacent to the Districts Lower Pasatiempo Water Storage Tank. The original driveway to their home is located off Whispering Pines Drive and was damaged and abandoned making the back entrance in front of the tank into the front entrance to their home (attachment #7). Mr. Pierson states that the fence has posed a hardship on multiple occasions as he needs to remove trees, access issues, and aesthetic value.

There are currently issues with the Pierson’s complying with the recorded easement. The Pierson have already infringed on District property by placing construction material, portable toilet, and parking on District property. Recently

we have received complaints from Hidden Glen Subdivision as the Piersons have been blocking the emergency exit from Hidden Glen parking on District property.

Removing the fence would again create security issues; block access to district facilities plus the \$100,000 dollar expense and several years of litigation to install the fence. The removal of the fence would just intensify these problems.

Relocating the fence would also block access to the District Upper water storage tank as to access the Upper Tank you have to drive by the lower tank. Twenty-four hour access is needed to both tanks without have to wake people to move cars in the night. The Pierson's purchased the home at a reduced price with the fence installed at the present location knowing there was a fence in place. Staff is recommending the fence remain installed at the present location and continue to work with the Pierson's with gaining access on District property for tree removal or as needed and enforce the no parking on district property.

FISCAL IMPACT:

none

STRATEGIC PLAN:

Strategic Element 1.0 - Water Supply Management

Rick Rogers

Director of Operations

Attachments:

- 1 Correspondence from Pierson
2. Customer complaint/Board Meeting
3. Survey Map/Fencing
4. State Heath 2006 Inspection
5. Letter installing Fence
6. Easement

Attachment 1
RECEIVED
MAR 16 2017
SAN LORENZO VALLEY
WATER DISTRICT

March 16, 2017

Greg Pierson
1025 Whispering Pines Dr
Scotts Valley, CA 95066
858-245-9270
cloudslyr@gmail.com

SLVWD Board Members
13060 Hwy 9
Boulder Creek, CA 95006

Dear Board Members,

My family and I own a home in Scotts Valley directly adjacent to Lower Pasatiempo Tank on Tank Rd.

We are requesting that the portions of the SLVWD fence directly in front of our home be removed permanently.

The fence has posed a hardship on us on multiple occasions by being unable to temporarily allow vehicle access for delivering building materials, landscape maintenance, and for crane access to remove large trees as well as associated additional financial costs.

We currently have two large trees (please see pictures), that are in eminent danger of falling into our home and need to be cut down ASAP. Access for the tree service company is currently not possible without three SLVWD gates being unlocked at the minimum.

While our current situation requiring access is our paramount concern, we believe the reasons the fence was erected in the first place are no longer warranted since we became the owners of this property. We have spent considerable funds restoring our home to its current state, but we still have a great deal of work left, and having the access and convenience, as well as aesthetic value would mean a great deal to us.

We of course would pay for the cost of the fence removal to SLVWD's satisfaction. We can also offer to have the asphalt resealed around the water tank and road (very much needed) as well as replace a listing wooden retaining wall with a more permanent solution such as a concrete block wall. We further agree to be responsible, conscientious custodians of the area by keeping SLVWD's access free at all times as well as maintain the adjacent areas of the tank and roadway clean and free of debris and obstructions.

Thank you for your consideration of our request.

Sincerely,



Greg Pierson

Agenda: 4.20.17

Item: 14d

From: Greg Pierson cloudslyr@gmail.com

Date: Mar 16, 2017, 1:54:26 PM

To: Greg Pierson cloudslyr@gmail.com

Attachment 1



Sent from my iPhone

Agenda: 4.20.17

Item: 14d

From: Greg Pierson cloudslyr@gmail.com

Date: Mar 16, 2017, 1:54:40 PM

To: Greg Pierson cloudslyr@gmail.com

Attachment 1



Sent from my iPhone

Agenda: 4.20.17

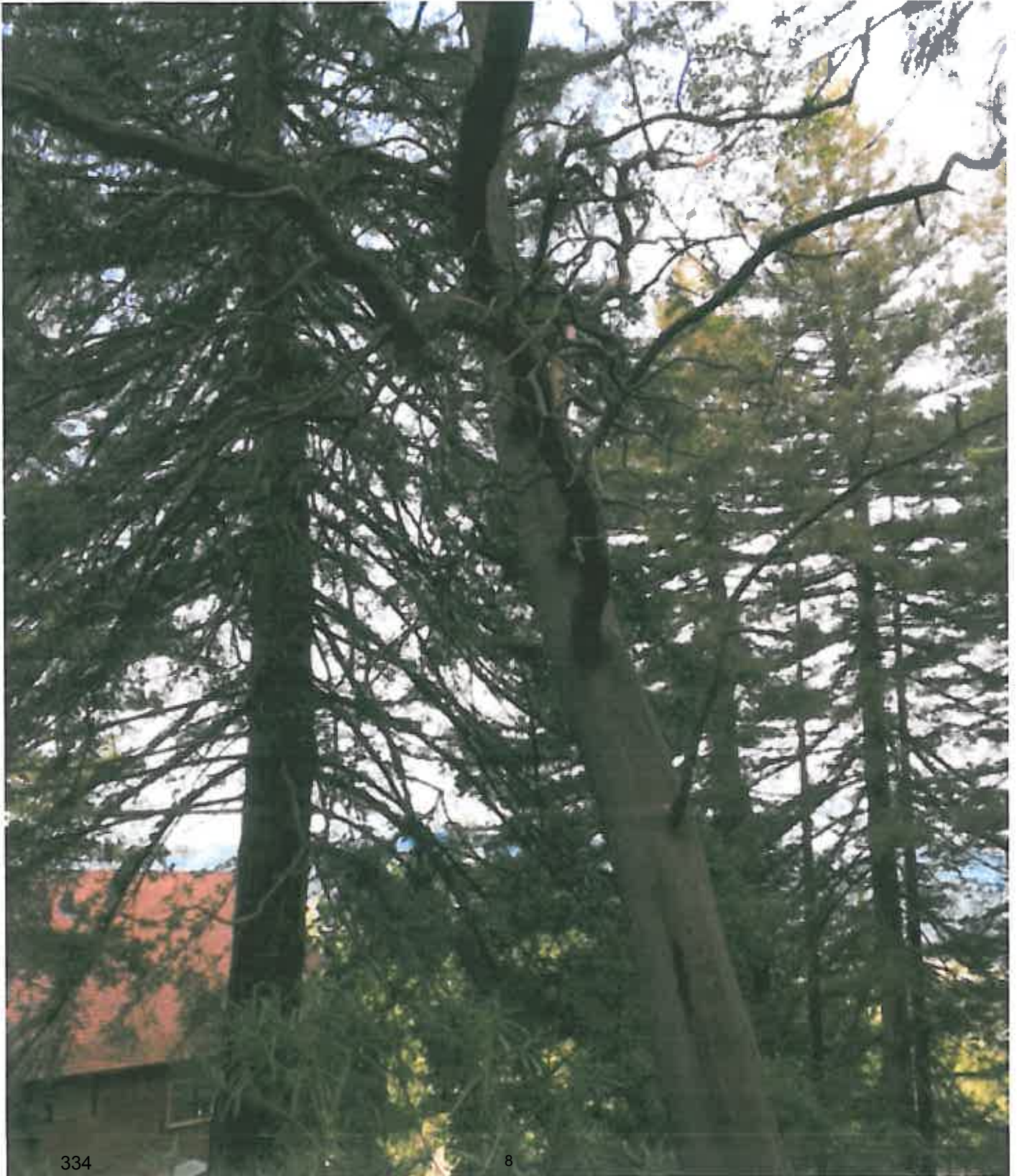
Item: 14d

From: Greg Pierson cloudslyr@gmail.com

Date: Mar 16, 2017, 1:54:17 PM

To: Greg Pierson cloudslyr@gmail.com

Attachment 1



Agenda: 4.20.17

Item: 14d

From: Greg Pierson cloudslyr@gmail.com

Date: Mar 16, 2017, 1:53:53 PM

To: Greg Pierson cloudslyr@gmail.com

Attachment 1



Agenda: 4.20.17

Item: 14d

From: Greg Pierson cloudslyr@gmail.com

Date: Mar 16, 2017, 1:53:37 PM

To: Greg Pierson cloudslyr@gmail.com

Attachment 1



Sent from my iPhone

Agenda: 05.18.06
Item: 5a

To: San Lorenzo Valley Water District Board
13060 Highway 9
Boulder Creek, CA. 95006-9119

From: Daron Pisciotta
1055 Whispering Pines Dr.
Scotts Valley, CA. 95066

RECEIVED

MAY 10 2006

SAN LORENZO VALLEY
WATER DISTRICT

Subject: Tank Road A Property

I am the resident and property owner of the parcel located at 1055 Whispering Pines Drive (021-101-22) adjacent to the property which you own titled "Tank Road and Tank Lot A" (40-M-1). I have recently completed a surveyor's map by a licensed and registered surveyor to locate the exact location of my property lines. I have found that the location of Tank Road is not exactly located on your Tank Road A Property. The road is in fact located on some of my property as well. I have recently met with Ken Girouard, James Mueller and Rick Rogers of the Water District to discuss this issue and review with them the surveyor's map. Following are the facts and concerns that have been discussed regarding Tank Road A and its access:

1. The residents at 1025 Whispering Pines Drive (021-101-17) are using Tank Road to access their home and do not have an official easement. This causes me great concern. If while they are traveling down this road and they are involved in an accident or have other issues on this property, the Water District and myself, as the legal property owners, could be liable or responsible.
2. The residents at 1025 Whispering Pines Drive have also recently constructed a retaining wall and widened the Tank Road on my portion of the property without permission in order to accommodate more parking and traffic. Furthermore, there is other "construction" being done that I believe could be located on the Water District's property.
3. The residence at 1025 Whispering Pines Drive has been using a single-family residence and garage to house numerous tenants. As a result, there have been issues requiring police involvement and there has been excessive use of Tank Road. The City of Scotts Valley is aware of the situation and is currently pursuing building use issues regarding this property.
4. The owner at 1085 Whispering Pines Drive (021-115-08) has an official easement to use Tank Road to access his residence and uses the roadway appropriately.

I have enclosed pictures of the area and an official copy of the surveyor's map that was prepared by Michael Beautz, a licensed and registered surveyor. The total cost of the map and survey was \$1,840. I would like to request a sharing of that cost between the property owners involved. Chuck Maffia, owner at 1085 Whispering Pines Drive, has already provided me with \$500 to help pay for the cost of the survey. I would like to request that the SLV Water District match that payment. This map shows all locations of property lines that boarder all of the involved parties as well as other areas surrounding Tank Road A.

Thank you for your attention to this matter. I look forward to hearing from you soon.

Sincerely,



Daron Pisciotta

Cc: Gary Redenbacher, Attorney at Law
Chuck Maffia
City of Scotts Valley Building Department

**MINUTES
BOARD OF DIRECTORS MEETING
MAY 18, 2006
SAN LORENZO VALLEY WATER DISTRICT
BOULDER CREEK, CALIFORNIA**

The regular meeting of the Board of Directors of the San Lorenzo Valley Water District was called to order by Pres. Nelson on Thursday, May 18, 2006, at the Operations Building, 13057 Highway 9, Boulder Creek, California, at 7:30 p.m.

CONVENE MEETING/ROLL CALL

Roll call showed Dirs. Nelson, Prather, Vierra, and Rapoza were present. District Manager Mueller and Legal Counsel Hynes were also present.

MINUTES

- a. Regular Meeting of May 4, 2006
Motion was made by Dir. Rapoza to approve the Minutes of the Regular Meeting of May 4, 2006.

ROLL CALL:

Ayes: Nelson, Vierra, Prather, Rapoza
Noes: None
Absent: None

ADDITIONS AND DELETIONS TO AGENDA: None.

ORAL COMMUNICATIONS: None.

WRITTEN COMMUNICATIONS: None.

- ➔ a. Correspondence from Daron Pisciotta regarding District Tank Road A Property, Scotts Valley.

Dir. Nelson directed Staff to address the issues and report back to the Board. Director Vierra requested that report should also include any security or liability issues. Dir. Nelson appointed Dir. Rapoza and Vierra to act as a committee to work with Staff.

CONSENT AGENDA: None.

UNFINISHED BUSINESS: None.

**California Department of Health Services
Drinking Water Field Operations Branch
Monterey District**

2006 INSPECTION REPORT

Purveyor: San Lorenzo Valley Water District System No.: 4410014
Person(s) contacted/Position: Jim Mueller, District Manager 831-430-4625
Date of Inspection: May 2-4, 2006 Reviewing Engineer: Zachary C. Rounds, P.E.
Date of Last A.I.: November 30, 2000 District Engineer: Jan Sweigert, P.E.

A. INTRODUCTION

1. Permit Status:

The San Lorenzo Valley Water District (System) was issued a permit by the California Department of Health Services (Department) on January 19, 1979. The permit has been amended numerous times for source and treatment additions. The System needs a new permit for further changes to the water system since 2000.

2. Changes in System:

Since the last annual inspection, the System has replaced the Quail Hollow 4 well with the Quail Hollow 4A well, replaced the Quail Hollow booster station, installed numerous dedicated water sampling locations, installed or replaced approximately 16,000 linear feet of distribution system piping, and installed a static mixer following the Pasatiempo Wells to treat for arsenic via blending.

The System plans to incorporate Manana Woods during the summer months of 2006 and to connect the North and South distribution systems in the near future. Arsenic blending will also likely be implemented downstream of the Pasatiempo Wells in mid-2006.

The addition of Quail Hollow 4A well was done under permit approval, and the construction of a connecting pipeline between the North and South distribution systems will not require permit approval. However, the consolidation with the Manana Woods water system and the installation of the arsenic blending facilities will require a permit amendment from the Department.

In addition, the use of phosphate for sequestering iron and manganese and changes to the Lyon Surface Water Treatment Plant since 1996 (e.g., addition of a third filter unit, changes to coagulant alarm system, and changes to chemicals used) need a permit amendment from the Department.

3. Consumer Data:

The system has approximately 5,824 service connections, all with meters, separated into two unconnected pressure zones. The permanent population served by the system is approximately 19,000. Production data for the system for the past ten years is shown below.

4. Sources of Information

Information for this report came from Department files, discussions with System operators and personnel, and an inspection of the water system conducted on May 2-4, 2006 by Zachary Rounds of the Department.

The System will require a permit amendment for the installation of a static mixer for arsenic blending treatment, and will be required to perform monthly monitoring for arsenic following the static mixer. The effectiveness of the static mixer will be determined after additional post-mixing data is collected. In accordance with the new Arsenic Rule, the System must monitor Pasatiempo Well 06 quarterly for arsenic until the Department has determined that the well is reliably and consistently below the arsenic MCL. The most recent arsenic data does not demonstrate that Pasatiempo Well 06 is reliably and consistently below the arsenic MCL.

The System will require a permit amendment for the installation and operation of the iron and manganese sequestering treatment. In addition, the System must submit a request for a waiver from the requirement to comply with the iron and manganese secondary MCLs.

D. TRANSMISSION FACILITIES

The System employs multiple long-distance transmission lines to convey water from the creek intakes to the treatment plant. A five-mile long, 6 to 8-inch diameter high density polyethylene (HDPE) pipeline connects Clear Creek and Sweetwater Creek to the 5-mile collector located behind the System's treatment plant. The pipe was installed in 1995, and runs mostly above ground. System personnel have not experienced any significant problems with the line.

Another 8,000-foot, 8-inch HDPE transmission line connects the Peavine Creek and Silver Creek to the five-mile diffusion box. The line was first created in 1985 and connected to the diffusion box in 1995. A third transmission line, constructed in 1994, connects the Foreman Creek to the diffusion box. The third line consists of 3,000 feet of 10-inch HDPE. Both lines are in good condition.

The System can also receive water from the Loch Lomond Pipeline, which is a three-mile, 24-inch asbestos concrete pipeline connecting the Loch Lomond Reservoir with the City of Santa Cruz' water treatment plant. The City of Santa Cruz owns the pipeline.

E. STORAGE FACILITIES

The System maintains 35 active storage tanks (including the clearwells) located throughout the system with a total capacity of 7,585,000 gallons. The attached tank table describes the condition and security of the tanks, with additional specific detail below. Tanks with poor paint or graffiti should be cleaned or painted as soon as possible. Tanks with mediocre paint should be scheduled for repainting in the near future, and tanks marked as needing cleaning should be cleaned in the near future.

Lyon

The roof vent is not appropriately screened to restrict intrusion from wildlife. System operators indicated that the tank used to have security problems, but increased security on the whole at the water treatment plant appears to have eliminated intrusion; the System should investigate additional fencing to ensure the security of the tank, as well as the security of Little Lyon Tank.

Eckley

The tank sheet lists Eckley as not secure, but the remote location and low visibility of the tank will probably curtail any unauthorized activity.

Riverside Grove

The center vent screen must be repaired.

Pasatiempo Lower

The roof of the tank and the area directly around the tank had a significant amount of garbage and debris, which must be removed immediately. Security around the tank should be increased to ensure that no further items are placed on or around the tank, and to ensure that intrusion into the tank does not occur.

1 Frederick H. Ebey SBN 33802
2 Laura Uddenberg SBN 75630
3 GRUNSKY, EBËY, FARRAR & HOWELL
4 A Professional Corporation
5 240 Westgate Drive
6 Watsonville, CA 95076

7 Telephone: 831/722-2444
8 Facsimile: 831/722-6153

9 Attorneys for Plaintiff
10 SAN LORENZO VALLEY WATER DISTRICT

11
12 SUPERIOR COURT OF THE STATE OF CALIFORNIA
13 COUNTY OF SANTA CRUZ

14 SAN LORENZO VALLEY WATER
15 DISTRICT, a County Water District,

16 Plaintiff,

17 v.

18 CONSTANCE NOEL; ORLANDO E.
19 BUCKIUS, ROZANNE BUCKIUS; DARON
20 L. PISCIOTTA, TRACI T. PISCIOTTA; and
21 ALL PERSONS UNKNOWN, claiming any
22 legal or equitable right, title, estate, lien, or
23 interest in the property described in the
24 complaint adverse to Plaintiff's title, or any
25 cloud on Plaintiff's title thereto, and DOES 1
26 through 50, inclusive.

27 Defendants.

Action No. CV 157662

STATEMENT OF DECISION

AND RELATED CROSS-ACTIONS

28 The equitable causes of action and issues of law in this matter came on regularly for trial on
November 24, 2008 in Department 4 of the above entitled court, the Honorable Paul Burdick
presiding, sitting without a jury. Plaintiff appeared by Laura Uddenberg, counsel; defendants
appeared by Arther R. Montandon, counsel. Oral and documentary evidence was presented by both
parties. The cause was argued and submitted for decision. The Decision of the Court is as follows:

Attachment 5

1 1. Title is quieted in plaintiff SAN LORENZO VALLEY WATER DISTRICT (SLVWD)
2 in fee simple as to the properties known in this action as Tank Road A, Tank Lot A, the Addition and
3 Tank Road B.

4 2. Tank Road B is not subject to a burden of any type in favor of the Noel or Buckius
5 properties.

6 3. The 1973 Reciprocal Agreement for Easement and Improvement of Right of Way
7 between Hidden Glenn and Eric Fernstrom created an easement for the benefit of the Fernstrom/Noel
8 property over Tank Road A for vehicular ingress and egress to the Noel property.

9 4. The Michael Beautz 2007 survey, recorded at Volume 110 of Maps, Page 39, page 1,
10 accurately depicts the boundaries of Tank Lot A, the Addition and Tank Road B and their boundary
11 lines with the Noel and Buckius properties.

12 5. The Michael Beautz 2007 survey, recorded at Volume 110 of Maps, Page 39, page 2,
13 accurately depicts the encroachments from the Noel property onto Tank Lot A and Tank Road B. The
14 planters do not constitute a trespass on Tank Lot A.

15 6. Tank Lot A is burdened with an equitable servitude for the benefit of the Noel property
16 based on the following facts: (a) SLVWD had constructive notice of the covenant for easement in
17 favor of the Noel property over Tank Lot A; and (b) SLVWD accepted the benefits of Fernstrom's
18 improvements and maintenance of Tank Lot A over many years, which Fernstrom performed in
19 reliance on the easement agreement.

20 7. The equitable servitude is not exclusive, but is subordinate to SLVWD's rights to
21 maintain and service the water tank. Its scope is limited to vehicular ingress and egress to the Noel
22 property, including the right of pedestrians to walk from the structures on the Noel property to the
23 vehicles. It does not include a right of pedestrian access between the Noel and Buckius properties. It
24 does not confer any right on the Noel property to park vehicles on Tank Lot A. It does not give Noel
25 the right to prevent SLVWD from taking the security measures depicted in Plaintiff's Security Plan, a
26 reduced version of which is attached as Exhibit A.
27
28

1 8. The 1973 Easement Agreement does not constitute a covenant that runs with the land
2 because the covenantor, Hidden Glenn, did not own Tank Lot A at the time the easement was granted,
3 and because there was no privity of contract between Hidden Glenn and SLVWD.

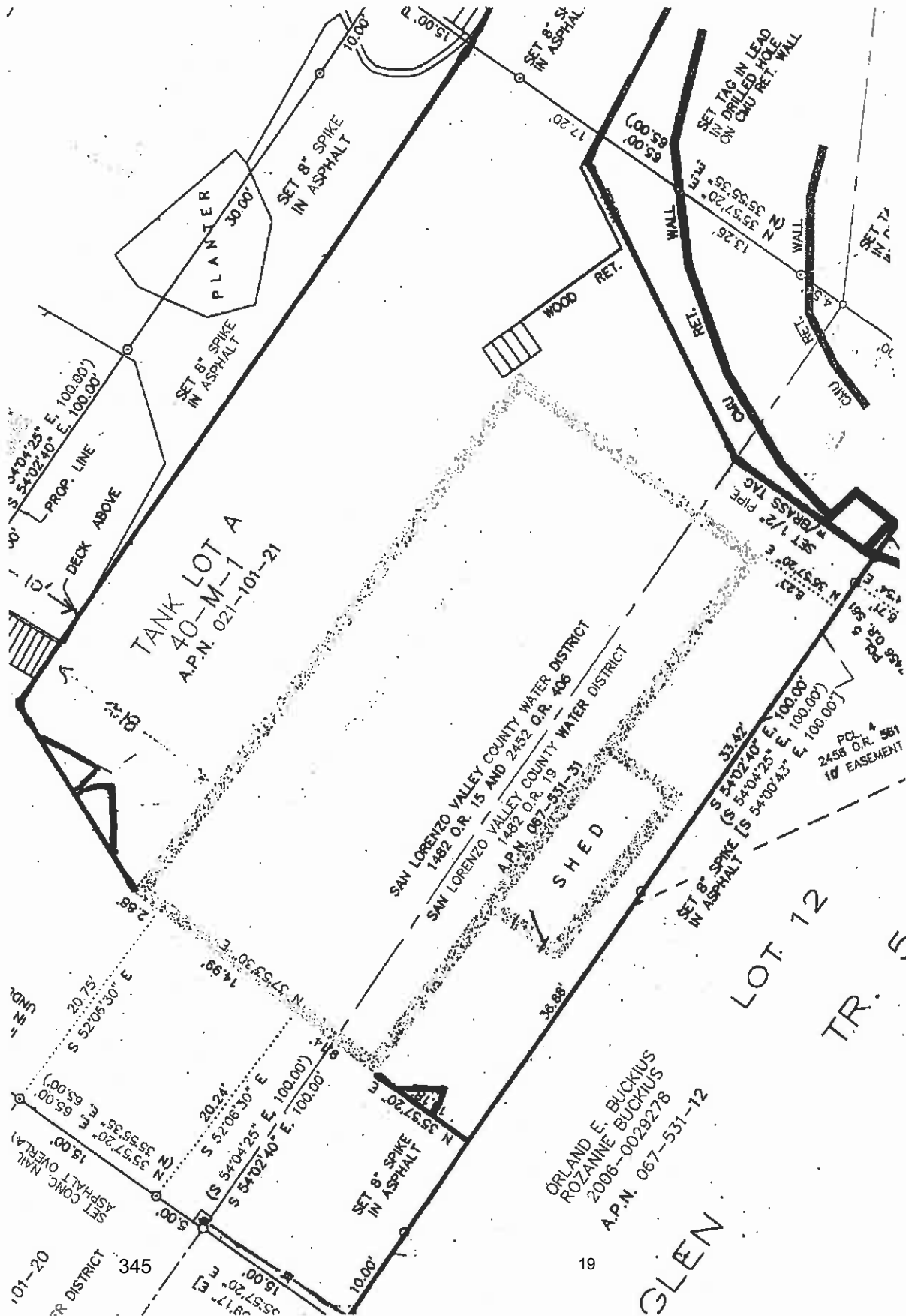
4 9. No mandatory injunction will issue to compel Noel to remove her structures that
5 encroach onto Tank Lot A. If she wishes vehicular access to the east house on her property, she will
6 need to remove them herself.

7 10. Cross-complainants failed to sustain their burden of proving that a contract existed
8 between the parties which was breached by plaintiff/cross-defendant SLVWD.

9 11. Cross-complainants failed to sustain their burden of proving inverse condemnation
10 occurred.

11
12 DATED:

13
14 By _____
15 Paul Burdick
16 JUDGE OF THE SUPERIOR COURT
17
18
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26
27
28



1 Frederick H. Ebey SBN 33802
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12 SUPERIOR COURT OF THE STATE OF CALIFORNIA
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14 SAN LORENZO VALLEY WATER
15 DISTRICT, a County Water District,

16 Plaintiff;

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18 CONSTANCE NOEL; ORLANDO E.
19 BUCKIUS; ROZANNE BUCKIUS; DARON
20 L. PISCIO'TTA, TRACI T. PISCIO'TTA; and
21 ALL PERSONS UNKNOWN, claiming any
22 legal or equitable right, title, estate, lien, or
23 interest in the property described in the
24 complaint adverse to Plaintiff's title, or any
25 cloud on Plaintiff's title thereto, and DOES 1
26 through 50, inclusive.

27 Defendants.

Action No. CV 157662

JUDGMENT

AND RELATED CROSS-ACTIONS

28 The equitable causes of action and issues of law in this matter came on regularly for trial on
November 24, 2008 in Department 4 of the above entitled court, the Honorable Paul Burdick
presiding, sitting without a jury. Plaintiff appeared by Laura Uddenberg, counsel; defendants
appeared by Arther R. Montandon, counsel. Oral and documentary evidence was presented by both

1 parties. The cause was argued and submitted for decision. A statement of Decision has been made
2 and filed.

3 NOW, THEREFORE, IT IS ADJUDGED, ORDERED AND DECREED that:

4 1. Plaintiff, SAN LORENZO VALLEY WATER DISTRICT (SLVWD), is the sole
5 owner in fee simple of the properties known in this action as Tank Road A, Tank Lot A, and Tank
6 Road B, Parcels 21, 20 and 13 respectively on Santa Cruz County Assessor's Map No. 21-10.
7 SLVWD is also the sole owner of the property known in this action as the Addition, Assessor's Parcel
8 No. 067-531-31.

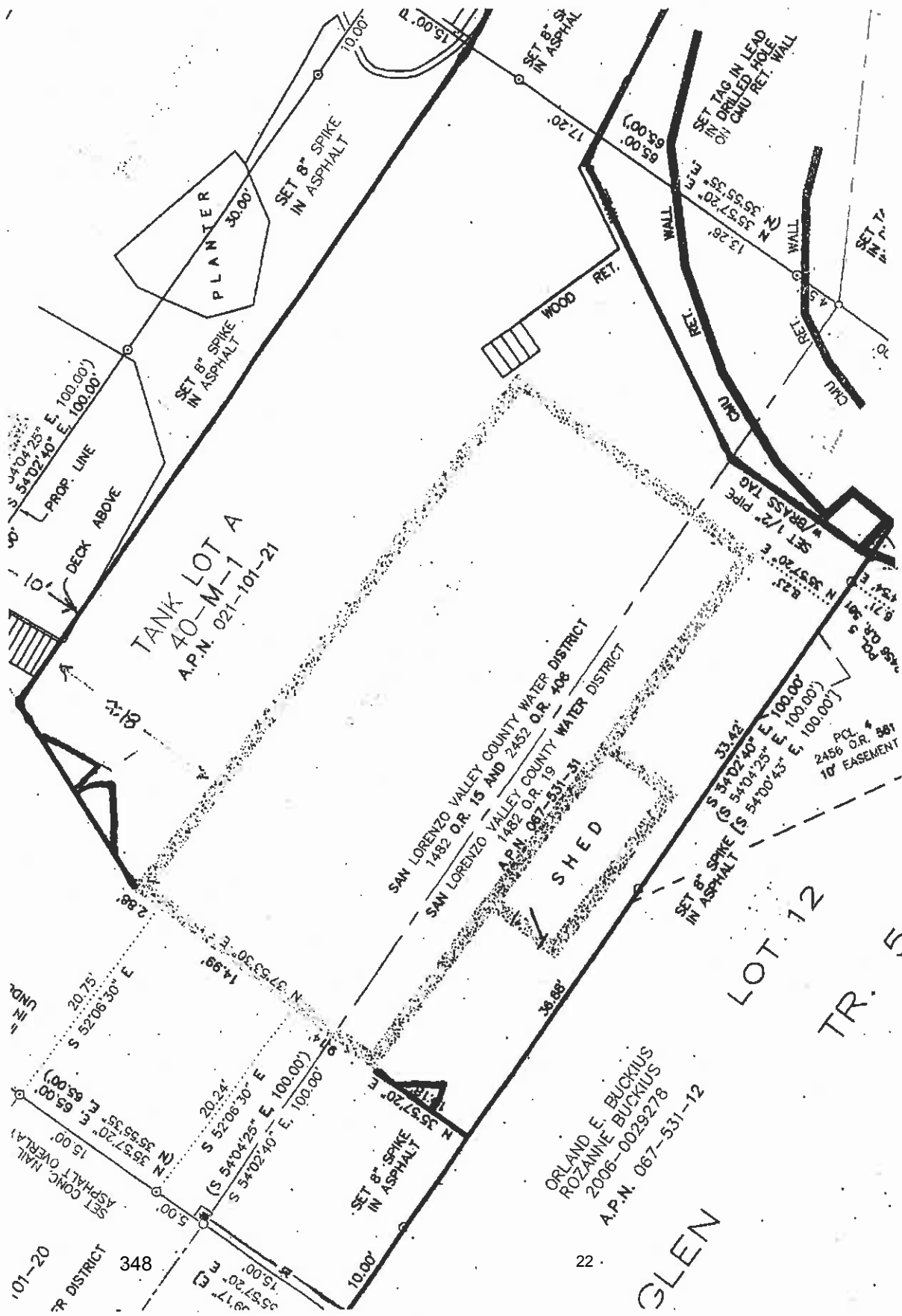
9 2. The Michael Beautz 2007 survey, recorded at Volume 110 of Maps, Page 39, page 1,
10 accurately depicts Tank Lot A, the Addition and Tank Road B and their boundary lines with the Noel
11 and Buckius properties.

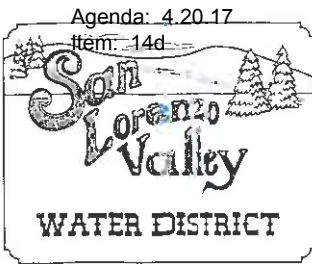
12 3. The Michael Beautz 2007 survey, recorded at Volume 110 of Maps, Page 39, page 2,
13 accurately depicts the encroachments from the Noel property onto Tank Lot A and Tank Road B. The
14 planters do not constitute a trespass on Tank Lot A.

15 4. Tank Lot A is burdened with an equitable servitude for the benefit of the Noel
16 property. The equitable servitude is not exclusive, but is subordinate to SLVWD's rights to maintain
17 and service the water tank. Its scope is limited to vehicular ingress and egress to the Noel property,
18 including the right of pedestrians to walk from the structures on the Noel property to the vehicles. It
19 does not include a right of pedestrian access between the Noel and Buckius properties. It does not
20 confer any right on the Noel property to park vehicles on Tank Lot A. It does not give Noel the right
21 to prevent SLVWD from taking the security measures depicted in Plaintiff's Security Plan, a reduced
22 version of which is attached as Exhibit A.

23
24 DATED:

25
26 By _____
27 Paul Burdick
28 JUDGE OF THE SUPERIOR COURT





SAN LORENZO VALLEY WATER DISTRICT

13060 Highway 9 • Boulder Creek, CA 95006-9119
 Office (831) 338-2153 • Fax (831) 338-7986
 Website: www.slvwd.com

May 20, 2010

Constance Noel
 1025 Whispering Pines Drive
 Scotts Valley, CA 95066-4604

Subject: 1025 Whispering Pines Drive, Scotts Valley

Dear Ms Noel,

The purpose of this correspondence is to provide you with advanced notification that the District is moving forward with security measures for District properties located adjacent to your property APN 021-101-17, generally known as 1025 Whispering Pines Drive, Scotts Valley. Said District properties are generally known as Tank Lot A and the addition to Tank Lot A, APN 021-101-21. Security measures include the installation of perimeter fencing pursuant to the Statement of Decision filed in Action No. CV157662, Superior Court of the State of California, County of Santa Cruz. It is estimated that construction activities will be completed by June 30, 2010.

A component of the construction activities will be relocation of the existing water meter which services your property. Relocation is required to move your water meter outside the fenced area, thereby providing you with access to the meter. During relocation your water service will be temporarily interrupted. The District will provide advanced notice to the occupants of 1025 Whispering Pines Drive prior to interruption of water service.

In addition, the Statement of Decision (CV157662) concluded that the equitable servitude which burdened Tank Lot A for the benefit of your property (APN 021-101-17) does not confer any right to park vehicles on Tank Lot A. Therefore, upon completion of security measures, the District will actively enforce a prohibition of parking of any vehicles on District Tank Lot A.

If you have any questions or need additional information please do not hesitate to contact me at 831-430-4625.

Very Truly Yours,

James A. Mueller
 District Manager

JAM/bsb

FROM: Agenda: 4.20.17
Item: 14d

Attachment 6

TO: JIM MUELLER, DM

BOOK 2353 PAGE 96

FROM: ART MANTANOU
(805) 927-6236

39549
039519
BOOK 2353 PAGE 96

OCT 24 12 PM '73

RECORDED AT REQUEST OF
ADRIAN LESTER NORTON
ASSO & SONS

RECIPROCAL AGREEMENT FOR EASEMENT AND IMPROVEMENT OF RIGHT OF WAY

THIS AGREEMENT made and entered into this 31 day of August, 1973, by and between ERIC G. FERNSTROM, residing at 1025 Whispering Pines Drive, Scotts Valley, California, herein-after referred to as "Fernstrom", and HIDDEN GLEN, a Limited Partnership of record in Santa Cruz County, California, hereinafter referred to as "HIDDEN GLEN."

FERNSTROM is the owner of Lot 191 as shown on Tract No. 348, Pasatiempo Pines, Unit 4, as shown and recorded on April 10, 1963, in Volume 40 of Maps, at Page 1, Santa Cruz County Records.

HIDDEN GLEN is the owner of adjoining lands known as HIDDEN GLEN TRACT 598, which map was filed for record on March 27, 1973, in Book 58 of Maps at page 8, Santa Cruz County Recorder, HIDDEN GLEN is also the owner of two parcels of land bounding the above described property of FERNSTROM and of HIDDEN GLEN and being Tank Lot A, as shown on that map entitled, "TRACT 348 Pasatiempo Pines Unit No. 4", filed for record in Map Book 40, page 1, on April 10, 1963, Santa Cruz County Recorder.

By reason of the difficult access from Whispering Pines Drive up to the residence of FERNSTROM, FERNSTROM desires to have an easement to said Lot 191 over property owned by HIDDEN GLEN and described as "Tank Road A" (being Tax Assessor's Parcel No. 21-101-20), and shown on that map entitled, "TRACT 348 PASATIEMPO PINES UNIT NO. 4", filed for record in Map Book 40, page 1, on April 10, 1963, Santa Cruz County Records, and across that portion of Tank Lot A such as will provide FERNSTROM with ingress to and egress from said Lot 191.

HIDDEN GLEN has agreed to provide FERNSTROM with a recorded easement for said purposes conditioned upon the agreement of FERNSTROM to improve said roadway by paving the existing road over Tank Lot A.

IT IS THEREFORE AGREED AS FOLLOWS:

Tank RP A
Ingress/Egress
No Parking

Attachment 6

BOOK 2353 PAGE 97

1. HIDDEN GLEN hereby agrees to and does hereby grant to ERIC G. FERNSTROM, a single person an easement appurtenant to Lot 191, Tract No. 348, Pasatiempo Pines Unit No. 4, over that property described as Tank Road A and Tank Lot A, as shown on that map entitled, "TRACT 348 PASATIEMPO PINES UNIT NO. 4", filed for record in Map Book 40, page 1, Santa Cruz County Records, for purposes of providing passage of vehicles to said Lot 191;


2. This easement is limited to passage for ingress to and egress from said Lot 191. This easement shall not be used for parking.

3. It is acknowledged by FERNSTROM that this easement is not exclusive and that an easement exists for the benefit of San Lorenzo Valley County Water District for the purpose of servicing and maintaining the water tank on Tank Lot A described hereinabove. FERNSTROM agrees that he shall not interfere with the rights of said Water District therein;

4. In exchange for the granting of this easement by HIDDEN GLEN to FERNSTROM, FERNSTROM agrees to pave, at his own expense, that existing roadway (as limited by the boundaries of ownership of HIDDEN GLEN) as located on Tank Lot A and Tank Road A, and agrees to maintain said roadway in a usable condition at his own expense.

This agreement shall be binding upon and shall inure to the benefit of the parties, their heirs, successors and assigns.

HIDDEN GLEN, a Limited Partnership

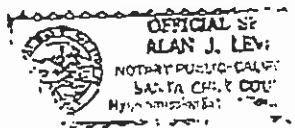
BY 
James R. Noren,
General Partner


ERIC G. FERNSTROM

Agenda: 4.20.17
Item: 14d

Attachment 6

BOOK 2353 PAGE 98



STATE OF CALIFORNIA
 County of Santa Cruz

On this 31 day of August in the year one thousand nine hundred and seventy-three we, a Notary Public State of California, duly commissioned and sworn, personally appeared

JAMES R. NOBEN

known to me to be one of the partners of the partnership that executed the within document, and acknowledged to me that such partnership executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and official seal and the day and year in this certificate first above written.

[Signature]
 Notary Public State of California

My Commission Expires _____

Count the State of California, Department of Industrial Relations, State Labor Office, San Francisco

State of California
 County of Santa Cruz

On this 31st day of August A.D. 1973 before me, Alan J. Levin a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared

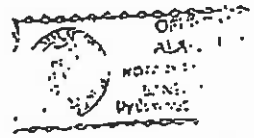
ERIC G. FERBERSON

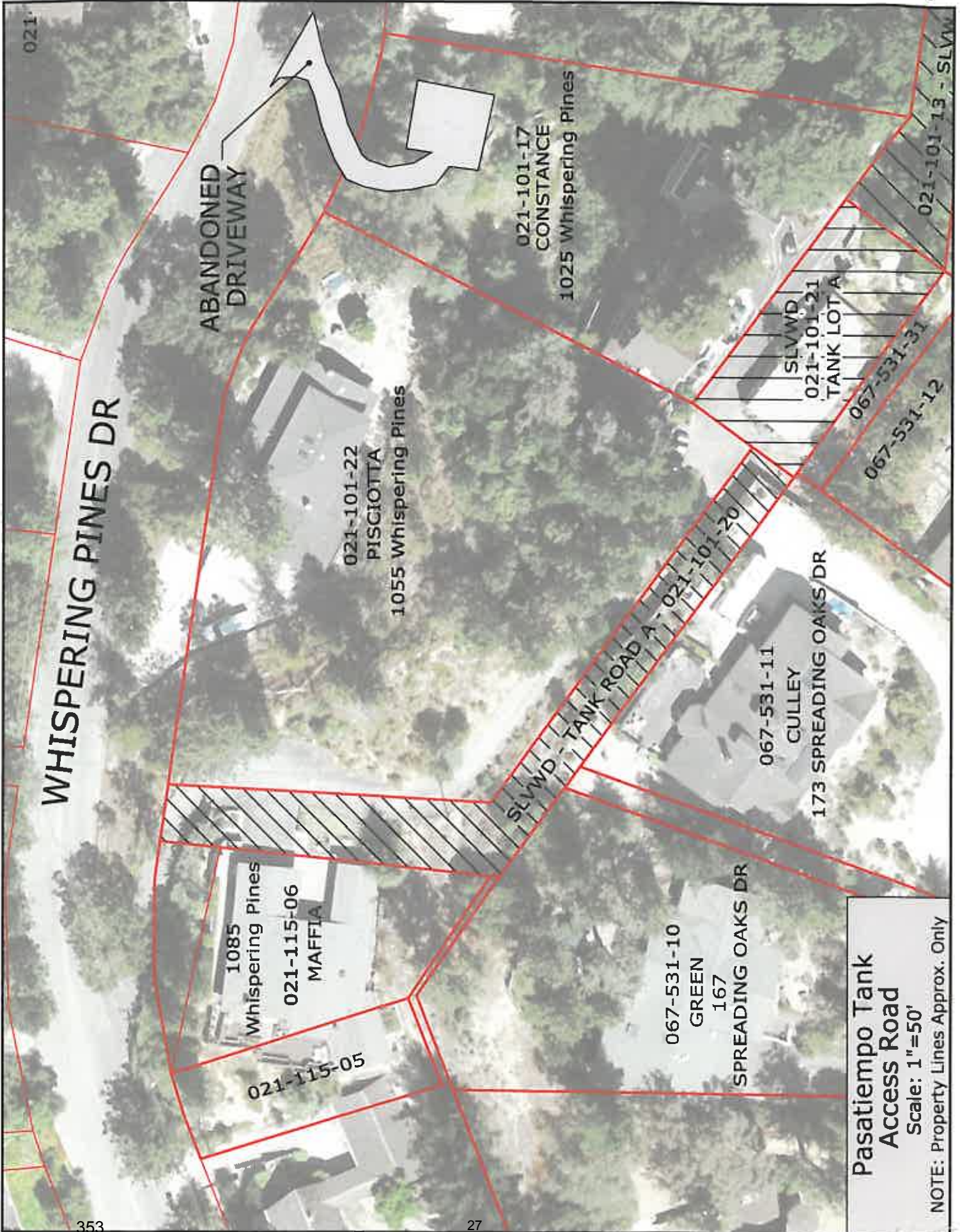
known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and official seal the day and year in this Certificate first above written.

[Signature]
 Notary Public in and for the said County and State of California

My Commission expires _____





MEMO

To: Board of Directors
From: District Manager
Subject: LOMPICO ASSESSMENT DISTRICT OVERSIGHT COMMITTEE
Date: April 20, 2017

RECOMMENDATION:

Staff has no recommendation.

BACKGROUND:

Attached is the most recent agenda packet for the Lompico Assessment District Oversight Committee. Because no Director sits on the LADOC, it is appropriate for the full Board to periodically review progress of the committee and provide guidance regarding committee functions, goals and objectives.

STRATEGIC PLAN:

Element 9.0 - Administrative Management

FISCAL IMPACT:

None

SECTION 14 - COMMITTEES

The Board shall organize committees that are advisory to the Board with regard to matters within their respective areas of responsibility.

The four District standing committees are as follows: Administrative, Budget & Finance, Environmental/Engineering/Planning and Lompico Oversight. Each standing committee shall have no power or authority to commit the District or to take any action on behalf of the Board of Directors. Standing Committees shall hold meetings at such times as deemed necessary by consensus of the committee members. Committees are encouraged to meet at least monthly.

Committee meetings shall be held in accordance with the provisions of the Ralph M. Brown Act. In order to promote attendance by Directors at Committee meetings without inadvertently creating a violation of the Ralph M. Brown Act, Directors that are not members of a committee may attend as observers, but shall not participate at the Committee's meeting.

Committee appointments will be reviewed by the full Board at the 2nd Board of Director's meeting in December of each Calendar Year, or as soon thereafter as practical. Applications to serve as a Public Member will be available at the District's Office or on-line at the District's website (www.slvwd.com). Public Member Applications will be reviewed by the full Board. Each committee member shall be appointed by a simple majority vote of the Board.

Administrative, Budget & Finance, Environmental/Engineering/Planning Committees may have no more than two Board Members and no more than one Public Member. During the appointment discussion each Director may present a public member to serve on each committee; Administrative, Budget & Finance, Environmental/Engineering/Planning Committees. If more than one public member is presented to serve on an individual committee, the full Board shall vote to determine which public member shall be seated on that committee for the year.

The Lompico Oversight Committee may have no more than five Public Members. Public members serving on the Lompico Oversight Committee shall have a residential mailing address within Assessment District 2016-1.

Members of the committees serve at the pleasure of the Board. Each committee shall designate their own chairperson. For the Administrative, Budget & Finance and Environmental/Engineering/Planning Committees the chairperson shall be a member of the Board. Each committee may elect a vice- chairperson. Members of committees, including the chairperson and vice-chairperson shall serve until their successors are appointed. The chairperson of a committee is its presiding officer and shall be responsible for communicating the recommendation of the committee to the Board. In the absence of the chairperson, the vice-chairperson shall perform the duties of the chairperson. The chairperson and vice-chairperson are not deprived of any of the rights and privileges of a committee member by reason of being the presiding officer.

A majority of the members of each committee shall constitute a quorum for the transaction of business. Only members of the committee are entitled to make, second or vote on any motion or other action of the committee. Each committee member shall be entitled to one vote on all matters considered by the committee. A simple majority vote of the members of the Committee shall designate approval of a motion.

During the first regular meeting after January 1st of each year, each Committee shall review the District's current Strategic Plan and identify Strategic Plan Elements pertaining to said Committee. The Committee's findings regarding such Strategic Plan review shall be reported back

to the Board at the next available regular Board Meeting for discussion and to allow the Board to provide direction back to the committees regarding completion of identified Strategic Plan Elements.

During the first regular meeting after January 1st of each year, each Committee shall prepare a multi-month forward looking calendar of items to be discussed by said Committee. Said calendar shall be no less than a three month look-ahead. Each Committee chairperson shall maintain said look-ahead calendar and submit same to the Board on a monthly basis.

The committee Chairperson shall record summary minutes of each committee meeting. The minutes of each committee meeting and any recommendation of a committee shall include a summary of the information presented.

All committee member absences will be considered by the majority of the committee members to determine whether or not the absence is without cause. Sickness, jury duty, vacation and/or bereavement will be considered excused absences. When three meetings in a row or a total of six meetings in one calendar year are missed the remaining committee members will consider removal of the individual from the committee. The removal must be voted upon and approved by the majority of the committee members with the exception of the committee member in question.

Vacancies shall be reported to the full Board as soon as practically possible. Vacancies shall be filled by simple majority vote of the Board.

Committee Members shall comply with the obligations and responsibilities of office including the obligation to comply with the disclosure requirements of the Political Reform Act (Form 700). The reporting categories made applicable to the Directors by San Lorenzo Valley Water District's local conflict of code shall apply to the members of the committee members.

All committee communications must go through the designated committee chairperson.

A committee has jurisdiction to consider and make a recommendation to staff, other committees and to the Board regarding any item of business within the responsibility of the committee. Committee recommendations shall be communicated to the Board. A committee may consider other matters referred to it by the Board.

The Board may refer a recommendation back to any committee for reevaluation whenever the Board deems additional evaluation is required.

Each Standing Committee shall, as a minimum, be responsible for the following:

Administrative Committee

The Committee shall be responsible for matters of internal and external administrative matters including: communications, staffing and staff support; District's data gap grant programs; interagency relations; codes and policies, pending State and Federal legislation; and other administrative programs.

Budget and Finance Committee

The Committee shall be responsible for the review of District finances including: rates, fees, charges and other sources of revenue; budget and reserves; audit; investments; insurance; and other financial matters.

Engineering Committee

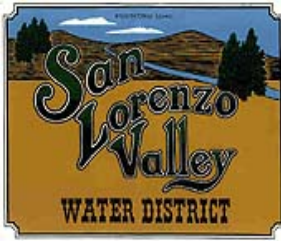
The Committee shall be responsible for the review matters of design, construction, replace and repair of the District facilities and property including: The Capital Improvement Program; Master Plans and other engineering, operational and planning related matters.

Environmental Committee

The Committee shall be responsible for matters of stewardship of the District's property including: Urban Water Management Plans; Water Conservation Programs; Classis Watershed Education Grants; Watershed Management; Resource Management and other environmental related matter.

Lompico Assessment District Oversight Committee

The Committee shall be responsible to review matters of revenue and expenses directly related to Assessment District 2016-1 projects.



NOTICE OF LOMPICO ASSESSMENT DISTRICT OVERSIGHT COMMITTEE MEETING

Responsible for review of matters of revenue, expenses and progress directly related to the projects financed by the Assessment District 2016-1.

NOTICE IS HEREBY GIVEN that the San Lorenzo Valley Water District has called a regular meeting of the Lompico Assessment District Oversight Committee to be held Thursday, **4.13.2017 at 5:30 p.m.** at the old Lompico District Office Building, 11255 Lompico Rd, Lompico, California.

AGENDA

CONVENE MEETING/ROLL

ORAL COMMUNICATIONS

OLD BUSINESS

ASSESSMENT DISTRICT PROJECTS:

LOMPICO ASSESSMENT PROJECT EXPENSES REPORT

- o Review of Lompico Assessment Project Expense Report as presented by Brian Lee, DM, including the requested itemized details (i.e., list of each vendor and associated bills, amounts paid and date, labor hours and costs, etc.) of already incurred expenses related to the listed Assessment Projects.
- o Discussion of possible steps LADOC should take to ensure necessary itemized details will be forthcoming if not available at 4/13/2017 meeting:
 - Request that Toni Norton and Lydia Hammock be allowed to meet with Finance Manager to obtain needed information
 - If necessary prepare letter, during meeting, from LADOC to BoD requesting the agreed upon and necessary information is provided.
- o Discuss repayment of already incurred meter and SCADA expenses from Revenues to SLVWD General Fund.
- o Review of Lompico Project Gantt Chart as presented by Brian Lee, DM. Request details regarding the critical deadlines for each major segment of the project (i.e., Deadline for submitting loan request, engineering survey reports, etc.)
- o 3 New Bolted Steel Tanks-**status**
- o Refurbish Mill Creek WTP-**status**
- o Service Line and Meter Replacements-**status?**
- o Distribution System Interconnection- **Further discussion about making it a priority**

- o SCADA System
 - Any update regarding need to upgrade?
- o Replace Existing PRV-**updates?**

LOMPICO OVERSIGHT COMMITTEE LINK AT SLVWD.COM

- o Outstanding Issues regarding Lompico Oversight Committee page on SLVWD.com site
 - Request to follow up on status of updating description of LADOC responsibilities.
Current verbiage:

"LADOC shall be responsible to review matters of revenue and expenses directly related to Assessment District 2016-1"

new verbiage suggested by Toni Norton:

"LADOC shall be responsible to review matters of revenue, expenses and progress directly related to the projects financed by the Assessment District 2016-1.
- o Request for update to BoD Policy Manual LADOC Description
- o Discuss any comments or results from the LADOC Welcome Letter placed on Next Door, Sent out to LZWSC, LCC, Lompico Neighbors and Lake Road Association as agreed upon at last meeting.
- o Request to add to LADOC site documents.

NEW BUSINESS

DISCUSSION OF UPDATED SANITARY SURVEY REPORT AND DEFICIENCY LIST

- o Review newly discovered and updated Lompico State Sanitary Survey Report and Sanitary Survey Deficiency List, both dated 11/9/2015 and the response from Jan Sweigert in response to Toni Norton's email queries regarding the updated reports.

DISCUSSION OF RELATED ASSESSMENT CONSTRUCTION COSTS/LOW INTEREST LOANS

- o Review Information gathered by Debra Loewen regarding various financial resources available. Discuss further information Toni Norton was able to glean from the leads provided by Deb.

DISCUSSION OF ISSUES RELATED TO REACHING THE LADOC COMMITTEE VIA SLVWD.COM

INFORMATIONAL MATERIAL (see attached)

- o **Updated Lompico Assessment Project Expense Report and Gantt Chart-available at LADOC website**
- o **Updated State Water Resources Control Board-Sanitary Survey Report-Purveyor: Lompico Water District, System NO: 4410015, Date of Inspection: 9,9,2015 to be available at LADOC site**

- o **State Water Resources Control Board-2014 Sanitary Survey Deficiency List-Purveyor: Lompico Water District, System NO: 4410015, Date of Inspection: 9,9,2015 to be available at LADOC site**
- o **Email communication from Toni Norton to Jan Sweigert and Ms. Sweigert's response**
- o **Posted Welcome Letter from LADOC for Lompico SLVWD customers**
- o **Loan Resource Information gathered by Deb Loewen**

ADJOURNMENT

In compliance with the requirements of Title II of the American Disabilities Act of 1990, the San Lorenzo Valley Water District requires that any person in need of any type of special equipment, assistance or accommodation(s) in order to communicate at the District's Public Meeting can contact the District Office at (831) 338-2153 a minimum of 72 hours prior to the scheduled meeting.

Agenda documents, including materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents may also be available on the District website at www.slvwd.com subject to staff's ability to post the documents before the meeting.

Certification of Posting

I hereby certify that on April 10, 2017, I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, Boulder Creek, California, and at the meeting location 11255 Lompico Rd, Lompico, California, said time being at least 72 hours in advance of the meeting of the Lompico Assessment District Oversight Committee of the San Lorenzo Valley Water District in compliance with California Government Code Section 54956.

Executed at Boulder Creek, California, on April 10, 2017.

Holly B. Morrison, District Secretary
San Lorenzo Valley Water District



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

November 9, 2015

Lois Henry
Board President
Lompico County Water District
11255 Lompico Rd.
Felton, CA 95018

Dear Ms. Henry:

2015 SANITARY SURVEY OF LOMPICO COUNTY WATER DISTRICT (SYSTEM NO. 4410015)

On September 9, 2015, Messrs. Mike Mathiasen, Ricardo Villa, and Aidan Robinson of Lompico County Water District (District) accompanied Jonathan Weininger from this office on a sanitary survey of the District. A completed Sanitary Survey Report and Deficiency List are enclosed documenting the findings of the inspection. This letter will briefly discuss the findings and deficiencies found during the inspection.

Sources

According to the District staff, all groundwater sources are performing adequately. Lompico Creek flow has been too low for the District to use the Mill Creek Water Treatment Plant (WTP). The District is up to date with all source monitoring.

Source Capacity Evaluation

With a combination of sources, storage and the interconnection to San Lorenzo Valley Water District, the District is able to meet maximum day demand.

Storage Facilities

Upper Lewis Tank was disconnected from the system in 2015. The Division recommends the tank be removed and inspected to ensure points of disconnection are adequately sealed. Please send a picture of the disconnection by **December 10, 2015**.

As indicated in the attached deficiency list, the District shall upgrade or replace roof hatches on all tanks to ensure they are watertight. In addition, please submit a plan to the Division for replacement of the Kaski Tanks.

Surface Water Treatment

The Mill Creek Water Treatment Plant (WTP) has been offline since July 2014 due to low creek flow. The District shall contact the Division with a startup protocol plan including membrane cleaning, flushing, and bacteriological monitoring prior to activation of the Mill Creek WTP.

Ground Water Treatment

The Lewis WTP backwash/waste line discharges into a pond that is filled with sitting water. The Division requests the District modify the design to ensure stagnant water does not backflow into the waste line. Please send the Division a proposal for modification of the existing design prior to constructing a modification.

The District shall begin collect quarterly turbidity samples at the Lewis WTP, which was required within the approval email to operate the Lewis WTP. Additionally, the District has been reporting the Lewis WTP treated samples to the incorrect primary station (PS) Code. The District shall report all Lewis WTP Effluent samples to the 4410015-012 PS Code.

Operations and Maintenance

The District submitted valve exercise and dead end flushing plans to the Division in 2014. Due to the drought, dead end flushing is currently on hold. The Division recommends the District install SCADA for storage facilities.

Cross Connection Control Program

The District will continue to administer its cross connection control program to ensure all backflow prevention devices are tested annually.

Lead and Copper Rule Monitoring

Lead and copper monitoring shall be completed between January 1, 2016 and April 30, 2016. The District remains on a six month lead and copper monitoring schedule. The District shall comply with all deadlines for the copper action level exceedance, which include:

- Continued lead and copper monitoring at the approved sample locations on a six month frequency
- Quarterly distribution of the Copper AL exceedance public notification, and
- Compliance with the August 6, 2016 deadline for commencement of a corrosion control study as described in the July 13, 2015 letter to the District.

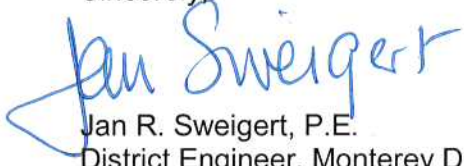
Disinfection By-Product Rule (DBPR) Compliance

The District shall continue to monitor according to their DBPR Plan for TTHMs and HAA5s at the two approved distribution sample locations quarterly.

A written response to this letter and attached sanitary survey report and deficiency list is requested by **December 10, 2015** along with an updated plan to correct the deficiencies listed in the deficiency list. Please include the deficiency list along with the date of correction or planned date in the response to this letter.

The Division greatly appreciates the District's assistance during and after the inspection. If you have any questions regarding this letter or report, please contact Jonathan Weininger at (831) 655-6932 or by e-mail at jonathan.weininger@waterboards.ca.gov or me at (831) 655-6934.

Sincerely,



Jan R. Sweigert, P.E.
District Engineer, Monterey District Office
Northern California Field Operations Branch
Division of Drinking Water

Enclosures: 2015 Sanitary Survey Deficiency List and Sanitary Survey Report

cc: Santa Cruz County Environmental Health Department (w/o enclosures)

STATE WATER RESOURCES CONTROL BOARD
DRINKING WATER FIELD OPERATIONS BRANCH
2015 SANITARY SURVEY DEFICIENCY LIST

Purveyor: **Lompico County Water District**
System No. **4410015**
Date of Inspection: **September 9, 2015**
Reviewing Engineer: **Jonathan Weininger**

Updated by: _____
Date: _____

Date Found	Description of Deficiency	Order of Hazard	Date to Address Deficiency	Date Corrected	
				Reported	Verified
SOURCES					
5/21/2013	Pump Tests: Please conduct pump tests on all District groundwater sources and send the results to the Division.	N/A	N/A		
TREATMENT					
9/9/2015	Mill Creek WTP: Due to the long period of inactivity, the District shall contact the Division and present its startup protocol including membrane maintenance, flushing, and bacteriological testing prior to using the plant.	N/A			
5/21/2013	Mill Creek WTP Backup Power: The District recommends the District purchase and install backup power at the Mill Creek WTP.	N/A			
9/9/2015	Lewis WTP Waste Line Discharge: The backwash/waste line discharges into a pond that is filled with sitting water. The District shall retrofit the waste line so that it is no longer a potential cross connection. Please send a retrofit plan to the Division prior to modifying the line.	B	December 31, 2015		
STORAGE					
9/9/2011	Upper Lewis (Lewis 2)/ Kaski Tanks 1 and 2: Lompico CWD must submit to the Division a plan and schedule for repairing all leaking distribution reservoirs.	A	12/31/2015		
	2015 Update: Upper Lewis Tank has been disconnected from the distribution system. Please present a schedule for replacement of the Kaski Tanks by December 31, 2015.				
9/9/2015	Upper Lewis (Lewis 2) Tank: The Division recommends the District remove the disconnected tank and ensure the line supplying the tank is valved off.	D	5/30/2016		
7/29/2014	Tank Roof Hatches: All tanks shall have a watertight roof hatch, which prevents pooled water and the outside environment from entering the tank.	B	12/31/2015		
WATER QUALITY AND MONITORING					
5/21/2013	Copper AL Exceedence: The District is currently exceeding the Copper Action Level. The District shall continue to distribute quarterly public notification, send the Division proof of distribution, and collect lead and copper samples at the approved sites every six months.	A	Continuous		

Date Found	Description of Deficiency	Order of Hazard	Date to Address Deficiency	Date Corrected	
				Reported	Verified
9/9/2015	Lewis WTP Turbidity Monitoring: Turbidity shall be collected quarterly at the plant effluent and reported to the Division via EDT.	D	4th Quarter sample by December 31, 2015		
9/9/2015	Lewis WTP Electronic Data Transfer PS Code: The District shall report all Lewis WTP Effluent samples to the 4410015-012 PS Code.	D	4th Quarter sample by December 31, 2015		
9/9/2015	Radium 228: Radium 228 or combined Radium 228 and 226 shall be sampled at all sources by December 31, 2016	N/A	12/31/2016		

ORDER OF HAZARD:

- A. CRITICAL HEALTH HAZARD - CORRECTIVE ACTION MUST BE TAKEN IMMEDIATELY
- B. SERIOUS HEALTH HAZARD - ACTION MUST BE TAKEN AS SOON AS POSSIBLE
- C. POTENTIAL HEALTH HAZARD - MUST BE CORRECTED AS WORK LOAD PERMITS
- D. SYSTEM OR OPERATIONAL DEFECT RESULTING IN POOR WATERWORKS PRACTICE

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER
2015 SANITARY SURVEY REPORT

Purveyor: **Lompico County Water District**

System No. **4410015**

Date of Inspection: **September 9, 2015**

Last Inspection Date: **July 29, 2014**

Person(s) Contacted/Position: **Mike Mathiasen, Lompico CWD Consultant; Ricardo Villa, Lompico CWD; Aidan Robinson, Lompico CWD**

Reviewing Engineer: **Jonathan Weininger**

District Engineer: **Jan Sweigert, P.E.**

A. INTRODUCTION

1. Permit Status

Full Permit: **The California Department of Public Health Drinking Water Program (now, the State Water Resources Control Board – Division of Drinking Water) issued a permit to the Lompico CWD on July 22, 1966 to operate the existing water system. The Division approved the Lewis Water Treatment Plant (iron and manganese removal) within an email approval, dated September 15, 2014.**

Are the permit provisions complied with? **Yes**

Is the permit up to date? **No, The modifications to the Mill Creek surface water treatment plant (SWTP), the addition of Well 7A, and the Lewis Water Treatment Plant, are not properly permitted for domestic water supply use. The Division is currently drafting a new revised full permit, which will be issued as workload allows.**

2. Changes in System

Since the 2014 Sanitary Survey, the District has had the following changes:

- A broken valve was replaced on Fresco Road in April 2015.
- Well 7A pump was pulled and repaired in May 2015
- Aqua Tech performed external tank repairs on Kaski #1 and #2 and Lewis #1 and #2 Tanks. According to District consultant, Mike Mathiasen, these repairs greatly reduced the leakage from Kaski #1 and #2 and Lewis #1. On August 4, 2015, Aqua Tech divers repaired floor leaks in Lewis #1.
- Lewis #2 was disconnected from the distribution system in September 2015.
- Freitas and Freitas completed a list of necessary projects and their associated cost estimate, dated July 1, 2015.

3. Consumer and Production Data

Approximate population served: **1,600**

Table 1: Service Connection Summary

Connection Type	No. of Connections	No. Metered
Residential	496	496

Table 2: Production Data (gallons) for Past 10 years (2006-2014)

Year	Max Day (GW+SLVWD)	Max Month (GW+SW+SLVWD)	Year Total (GW+SW+SLVWD)
2014	109,419	1,633,940	19,107,342
2013	128,134 (calculated)	2,562,690	25,142,718
2012	96,760	2,904,600	29,784,000
2011	137,160(calculated)	2,834,640	28,397,890
2010	102,800	N/A	28,745,920
2009	77,500	2,366,060	27,404,400
2007	130,000	2,500,000	26,200,000
2006	130,000	2,700,000	33,400,000

GW = Groundwater, SW = Surface Water, SLVWD = water purchased from San Lorenzo Valley Water District's interconnection.

Maximum day from past 10 years: **0.137 MG(2011) or 95.1 gpm**

B. SOURCE DATA

1. List of Sources

The District has three active groundwater sources and one active surface water source. Due to the ongoing drought, the Mill Creek Surface Water Treatment Plant has not been utilized due to low creek flow, therefore, the Division has removed the Mill Creek Source from current source capacity calculations. **Table 3** summarizes the District's available sources including each source's capacity from available data.

Table 3: List of Sources

Source	Capacity (gpm)	Comments
Mill Creek Raw	17	Flow rate based upon maximum allotted surface water. Currently, source is not available for most of the year.
Lewis Well 01	11	Well is capable of producing 15 gpm, but has reduced production due to holes in column pipe
Lewis Well 05	18	
Well 7A	18	18-24 gpm
SLVWD Interconnection	70	2000' 6" Diameter HDPE Line
ACTIVE SOURCE CAPACITY	47 gpm (0.0677 MGD)	DOES NOT INCLUDE MILL CREEK SOURCE
TOTAL CAPACITY (SOURCES + INTERCONNECTION)	117 gpm (0.169 MGD)	

2. Source Capacity Evaluation

California Code of Regulations (CCR), Section 64554 requires maximum day demand (MDD) shall be met with source capacity. Since the District has less than 1,000 service connections, the District shall also have storage capacity equal to or greater than MDD, unless it can demonstrate that it has additional source of supply or an emergency source connection that can meet the MDD requirement.

MDD is calculated as the highest observed water demand in the past ten years. Using past annual reports and tabulated in Table 2, MDD was found to be 0.137 MG (2011).

CCR, Section 64554 details water system source capacity requirements. As tabulated in Table 3, The District has an estimated source capacity of 0.169 MGD. The District is able to meet MDD (0.137 MG) with source capacity alone (0.169 MGD).

The District has 0.340 MG of storage capacity, which exceeds the MDD of 0.139 MGD, even under assumptions the tanks are not always full. **Table 4** summarizes the District's source and storage capacity requirements.

Table 4: Summary of Source/Storage Capacity Requirements

Parameter	Required by Regs. (MGD)	Current Capacity (MGD)	Adequate Capacity?
Source Capacity	0.137	0.193	Yes
Storage Capacity	0.137	0.34	Yes

3. Discussion and Appraisal

All District wells were inspected during the sanitary survey inspection. District groundwater sources were found to be in good overall condition.

4. Drinking Water Source Assessment Program (DWSAP)

The District completed DWSAPs for all active sources in 2002/2003. The District's sources were found to be most vulnerable to nearby septic systems. The Division recommends the DWSAPs be updated if the area surrounding the groundwater sources changes.

C. TREATMENT

1. Lewis Water Treatment Plant (Groundwater)

Lewis Water Treatment Plant (WTP) is a groundwater treatment plant for Wells 1, 5, and 7A. The Lewis WTP plant is designed to remove iron and manganese from the three sources. The Lewis WTP is constructed inside the housing of the former Lewis WTP (now abandoned). The District removed the abandoned treatment plant and installed five ATEC AS-741 steel vertical filters. Each 14"x60" filter is filled with greensand media. The filtration rate is 10 gpm per filter. The three groundwater sources enter the plant in a common line. Chlorine is dosed prior to filtration via a Stenner pump for oxidation and disinfection. Chlorine will be dosed between 1 and 2 mg/L. The plant includes a Hach CL-17 chlorine residual analyzer and Hach 1720e turbidimeter.

The District is required to collect monitoring at the Lewis WTP according to Table 5 below:

Table 5: Minimum Monitoring Requirements for Lewis WTP

Parameter	Well 1 4410015-001	Well 5 4410015-004	Well 7A 4410015-009	Lewis WTP Combined Effluent (4410015-012)
Total Coliform	Quarterly	Quarterly	Quarterly	N/A
Manganese	Quarterly	Quarterly	Quarterly	Quarterly
Iron	Quarterly	Quarterly	Quarterly	Quarterly
Turbidity	Quarterly	Quarterly	Quarterly	Quarterly

Treatment Effectiveness: The District has been collecting quarterly iron and manganese samples at the treatment plant effluent. Table 6 below summarizes treatment plant effluent results collected over the past four quarters.

Table 6: Treatment Plant Effluent Monitoring Results (4Q2015-3Q2015)

Quarter	4Q2014	1Q2015	2Q2015	3Q2015	Running Annual Average
Iron (ug/L)	0	0	310	0	77.5
Manganese (ug/L)	0	0	22	0	5.5
Turbidity (NTU)	0.36	N/A	0.5	N/A	0.43

As shown in the table above, the running annual average concentration of iron is currently 77.5 ug/L and manganese is 5.5 ug/L, which is below the respective Secondary Maximum Contaminant Level (MCL)s of iron (300 ug/L) and manganese (50 ug/L).

Overall Evaluation: During the 2015 sanitary survey, the Lewis Water Treatment Plant was found to be in good overall condition.

The District is reporting the treatment plant effluent to the incorrect PS Code. **All future Lewis WTP treated effluent samples shall be reported to the newly established Lewis WTP PS Code of 4410015-012.** The District has been using the PS Code for the previous Lewis WTP and shall not use the 4410015-010 PS Code any longer. Turbidity shall also be collected quarterly at the plant effluent.

2. Mill Creek Water Treatment Plant (Surface Water)

Due to low creek flow, the Mill Creek WTP has been offline since July 2014. The plant was operational from April – July of 2014, and was previously offline since August 2013. If the District plans to use the Mill Creek WTP, please submit a startup plan for the Division for review and approval prior to re-activation.

Due to the long period of inactivity, the Division did not inspect Mill Creek WTP during the 2015 sanitary survey inspection.

3. Chlorination

Type of Disinfectant: **12.5% liquid sodium hypochlorite**

Trade name: **HASA Sani-Chlor**

NSF 60 certified? **Yes**

Target Chlorine Residual: **0.7 mg/L/0.2 mg/L in distribution**

Continuous chlorination is provided at the Mill Creek WTP effluent. The District targets a chlorine residual of 0.7 mg/L at the plant effluent. The District targets a detectable chlorine residual in the distribution system, which is also required as part of the Surface Water Treatment Rule.

The Mill Creek WTP chlorinator is housed. An adequate supply of chlorine is stored on site.

D. STORAGE DATA

Table 7: List of Reservoirs and Available Storage Capacity

Reservoir	Material	Capacity (MG)
Lewis Tank 1	Redwood	100,000
Lewis Tank 2 (upper)	Redwood	100,000 (disconnected)
Kaski Tank 1	Redwood	60,000
Kaski Tank 2	Redwood	60,000
Madrone Tank 1	Redwood	60,000
Madrone Tank 2	Redwood	60,000
Mill Creek WTP Clearwell	Bolted Steel	48,000
TOTAL STORAGE		388,000

The District has a total storage capacity of 0.388 million gallons. The District has adequate storage capacity. All operations are manual. However, the District is planning to install SCADA when financially viable.

Following the 2015 inspection, the District followed the Division's recommendation and disconnected Lewis No. 2 (Upper Lewis) from service due to its leaks, a severely depleted capacity, and drying redwood. Please send the Division a picture of the tank discharge piping, that shows it is disconnected.

As previously recommended, the Division recommends the Kaski Tank 1 and Lewis Tank 1 be replaced. The Madrone Tanks and Lower Lewis Tank are aging and the Division recommends they also be replaced as the District's budget allows.

Freitas and Freitas Engineering and Planning Consultants' July 1, 2015 projected projects report prioritizes the removal of Lewis Tank 2, the replacement of Lewis Tank 1, the replacement of the Kaski Tanks, and the replacement of the Madrone Tanks.

The District inspects each tank very frequently due to the lack of SCADA. As indicated in past Division correspondence, please continue to inspect the tanks at least monthly to check for interior water quality, vent screens, roof debris, quality of roof paint, roof hatch, etc.

E. DISTRIBUTION SYSTEM

1. Pressure Zones

Water is delivered to the distribution system by gravity from reservoirs or boosted into the system from booster stations. The system has at least 5 pressure zones. The pressure leaving the Mill Creek booster pump station is approximately 205 psi. The system has high pressure in the water lines and each service connection has a Pressure Reducing Valve (PRV) to reduce pressure to 50 – 60 psi.

2. Booster or Reducing Stations

Table 8: List of Booster Stations

Station	No. of Pumps	Size	From	To
Mill Creek Clearwell	1	75 gpm	Mill Creek WTP	Lewis #1 & Distribution
Madrone	1	150 gpm	Lewis #1	Madrone Tanks
Lewis WTP	1	100 gpm	Lewis #1	Lewis #2

Booster stations and pressure reducing stations are all in good overall condition.

3. Mains

A majority of the District's distribution system is PVC. The District does not have an active mainline replacement program. However, the majority of the District's distribution system is in adequate condition. **Table 9** below tabulates the District's mainlines.

Table 9: Mainline Summary

Material	Amount	Size	Condition	Comments
Galvanized Iron	30%	4" – 6"	Older	
C900 PVC	70%	2" – 6"	Good	No leaks

4. Interconnections

San Lorenzo Valley Water District installed a pipeline to Lompico CWD in 2014. The 6" diameter HDPE pipe is 2000 feet long and has a capacity of 70gpm. The pipeline is used during emergencies.

5. Leak History

The District documents all leak and leak repairs with service orders. All leaks are repaired in-house.

According to the 2014 Annual Report, the District had 24 service connection breaks/leaks. All breaks/leaks were investigated and repaired. The District has an adequate maintenance program.

6. Recycled Water

The District does not have any recycled water mains within their distribution system.

F. WATER QUALITY AND MONITORING

1. Bacteriological Monitoring

Population: **1,600**

Service Connections: **496**

Distribution Samples: **5/Month**

Source Samples: **1/Quarter – GW; 1/Week – SW (when used)**

MCL violations in past year? **No**

Date of last Bacteriological Sample Siting Plan: **August 11, 2011**

CCR Section 64423 details regulations regarding distribution bacteriological monitoring. With 496 service connections and the approved bacteriological sample siting plan, the District is required to collect 5 distribution bacteriological samples per month. Additionally, the District is required to collect quarterly groundwater source and weekly raw surface water samples (when used).

The District has not had any violations of the Total Coliform Rule in the past year and has completed all required source and distribution bacteriological monitoring.

As a reminder, if any routine distribution samples are found to be present for total or fecal coliform, please collect repeat samples per your approved bacteriological sample siting plan including source bacteriological samples per the Groundwater Rule and immediately notify the Division for further guidance.

2. Chemical Monitoring

Table 10: Last Source Chemical Monitoring Dates

Source	General Mineral/ Physical	Inorganic Chemicals	Nitrate	Nitrite	Radio-activity	VOC	Non-Waived SOCs
Surface Water							
Mill Creek WTP Raw	May-15	May-15	Jun-15	May-15	Mar-11	Apr-14	Apr-14
<i>Note: The District does not need to collect source monitoring samples from the raw surface water source while the creek flow is too low for the plant to be used. The District shall resume collection of raw surface water for chemical monitoring when the creek flow returns. All overdue samples shall be collected and analyzed prior to the Mill Creek WTP being used again.</i>							
Groundwater							
Lewis Well 01	Apr-14	Apr-14	May-15	May-15	Sep-11	Apr-11	Apr-14
Lewis Well 05	Apr-14	Apr-14	May-15	May-15	Mar-11	Apr-11	Apr-14
Well 6 (Standby)	Aug-11	Dec-11*	Oct-13	Mar-12	Mar-11	Aug-11	Aug-11
Well 7A	Apr-14	Apr-14	May-15	May-15	Apr-11	Apr-14	Apr-14

* Perchlorate last monitored in Jul-08

Table 11: Minimum Required Source Monitoring Frequency

Source	General Mineral/ Physical	Inorganic Chemicals	Nitrate	Nitrite	Radio-activity	VOC	Non-Waived SOCs
Surface Water							
Mill Creek WTP (Lompico Creek)	12	12	3	12	108	36	36
Groundwater							
Lewis Well 01	36	36	12	36	108	72	36
Lewis Well 05	36	36	12	36	108	72	36
Well 6 (Standby)	108	108	108	108	108	108	108
Well 7A	36	36	12	36	108	72	36

Note: Frequency listed in months

Note: Frequencies may be more stringent than listed above if directed by Division

a) Source Inorganic Chemicals

Requirements: Inorganic chemical monitoring shall be completed for all active groundwater sources triennially and once every nine years for the standby source (Well 6). Mill Creek WTP shall be sampled annually for inorganic chemical monitoring.

Detections: There have been no significant inorganic chemical detections in any of the District sources.

Evaluation: In compliance.

b) Source Nitrate/Nitrite

Requirements: The District is required to monitor groundwater sources annually for nitrate and triennially for nitrite. Well 6 (Standby) is required to be monitoring at least once every nine years for both nitrate and nitrite. The raw creek source is required to be monitored quarterly for nitrate and annually for nitrite.

Detections: There have been no significant detections of nitrate or nitrite in the sources.

Evaluation: In compliance.

c) Source Synthetic Organic Chemicals (SOC)

Requirements: District sources are required to be monitored every three years for non-waived SOCs: 2,4 D, Atrazine, Diquat, and Simazine. Standby source, Well 6 is required to be monitored once every 9 years.

Detections: None

Evaluation: In compliance.

d) Source Volatile Organic Chemicals (VOC)

Requirements: VOC's shall be monitored once every six years for active groundwater sources, once every three years for the raw creek source, and once every nine years for the standby well.

Detections: None

Evaluation: In compliance.

e) Source General Physical/General Mineral

Requirements: General physical/general minerals shall be monitored once every three years for active groundwater sources, once annually for the raw creek source, and once every nine years for the standby well.

Detections: Iron and Manganese are above the Secondary MCL in Wells 1 and 7A and often in Well 5. Lewis WTP has been effectively removing iron and manganese to below their respective Secondary MCLs.

Evaluation: In compliance.

f) Source Radiological

Requirements: Initial radiological monitoring has been completed for all sources. All sources are on nine year monitoring for gross alpha.

Detections: None above gross alpha MCL.

Evaluation: Radium 228 was last monitored for each source in 2004. Radium 228 shall be monitored at least once every nine years. Please collect a Radium 228 (or combined Radium 228 and Radium 226) sample at all active sources by **December 31, 2016**.

g) Disinfection By-Product Rule (DBPR) Monitoring

Requirements: Paired TTHM and HAA5 sample sets taken quarterly at 10077 Creekwood Dr. and 12255 Lake Blvd.

Detections: The District was under enforcement for violating the Stage 1 DBPR Total Trihalomethane (TTHM) MCL. However, due to decreased usage of surface water, current running annual average values at both sites are less than the TTHM MCL (80 ug/L) and HAA5 (60 ug/L). **Table 12** tabulates TTHM and HAA5 samples over the past four quarters of monitoring.

Table 12: Disinfection By-Product Rule Monitoring (ug/L)

Site	10/29/2014		1/27/2015		4/27/2015		7/7/2014		TTH M RAA	HAA5 RAA
	TTH M	HAA 5	TTH M	HAA 5	TTH M	HAA 5	TTH M	HAA5		
10077 Creekwood Dr.	32	3	26	3.9	11	2.2	37	0	26.5	2.28
12255 Lake Blvd.	8	2.5	9.8	2.8	15	5.6	17	6.1	12.5	4.25

All units in ug/L. RAA = running annual average

Evaluation: Currently, both sites are in compliance with both the TTHM and HAA5 MCLs. Monitoring is due quarterly according to the approved compliance monitoring plan. Quarterly monitoring shall be collected during the end of the first month of each quarter (October, January, April, and July).

h) Lead and Copper Monitoring

Required Frequency: **Every six months**

No. Samples Required: **20**

Date Next Due: **Between January 1 and March 31, 2016**

The District has exceeded the copper Action Level (AL) of 1.3 mg/L, as measured by the 90th percentile sample, the past eight lead and copper monitoring rounds. The District is currently required to monitor lead and copper twice per year (first round between January 1 and March

31 and the second round between June 1 and September 30). The next round of lead and copper monitoring is due by March 31, 2016. Lead and copper monitoring since 2011 is summarized in **Table 13**:

Table 13: Lead and Copper Monitoring Results

Date of Monitoring	No. of Samples Required	No. of Samples	90th Percentile Lead (mg/L)	90th Percentile Copper (mg/L)
Sep-15	20	20	0.0073	2.3
Mar-15	20	20	0.007	2.3
Sep-14	20	20	0.014	1.8
Mar-14	20	22	0.015	1.38
Sep-13	20	20	0.0078	2.0
Mar-13	20	20	0.013	2.1
Sep-12	20	20	0.011	1.7
Sep-11	10	10	0.0052	2.6

Bolded values indicate an Action Level exceedance.

The Division sent a letter to the District, dated July 13, 2015, which allowed the District to delay completing a corrosion control study and installing corrosion control treatment until August 6, 2016, at which point the Division will send the District deadlines for installation of treatment if they have yet to consolidate with San Lorenzo Valley Water District.

The July 13, 2015 letter also requires the District to distribute a Tier 2 Copper Action Level Exceedance public notification to its customers. The District shall distribute the notice quarterly and submit proof of distribution to the Division by the 10th day of the month following the end of the quarter. The next round of Tier 2 notices are due to be distributed by December 31, 2015 and the proof of notification shall be sent to the Division by January 10, 2016.

3. Monitoring Data Storage

Are chemical/bacteriological laboratory data stored? **Yes**
Duration of Storage: **Several decades**
Method of Storage: **Hard copies**

G. OPERATOR CERTIFICATION

Minimum Chief Distribution Operator: **D2**
Minimum Shift Distribution Operator: **D1**

Minimum Chief Treatment Operator: **T2**
Minimum Shift Treatment Operator: **T1**

Per CCR, Section 64413.3, water systems are designated their distribution classification based upon population size and other distribution system related factors. As of the 2013 Annual Report, the District has a population of 1,300. The District is classified as a Distribution 2 (D2) system.

The Mill Creek WTP is designated a T2 water treatment facility. The Lewis WTP is designated a T1 water treatment plant.

CCR, Sections 64413.5 through 64413.7 states (a) each water supplier shall designate at least one chief operator that meets the requirements for each treatment and/or distribution system utilized by the water system; (b) Each water supplier shall designate at least one shift operator that meets the requirements for each treatment and/or distribution system each operating shift; (c) The chief operator or shift operator shall be on-site or able to be contacted within one hour.

The District employs three certified operators as shown in the table below:

Table 14: Certified Operators

Name	Title	Distribution	Treatment
Mike Mathiasen	Consultant	D2, exp. 12/2016	T3, exp. 2/2019
Ricardo Bojorquez-Villa	Operator	D2, exp. 12/2017	T2, exp. 2/2018
Aidan Robinson	Operator	D2, exp. 4/2018	T2, exp. 1/2018

The District has adequately certified operators. Messrs. Mathiasen, Bojorquez-Villa, and Robinson are all able to serve as the chief treatment and/or distribution operator.

H. OPERATION AND MAINTENANCE

Does the utility have up-to-date distribution system maps? **Yes**
Up-to-date copy of system schematic on file? **Yes**

1. Cross-Connection Control Program

No. of Backflow Prevention Devices: **16**

No. Tested in 2014: **16**

No. Failed/No. Replaced: **0/0**

Name of Cross-connection control coordinator(s): **Ricardo Villa**

Does the utility have a Cross- Connection Control Ordinance on file? **Yes, dated 11/19/2013**

Per Title 17, Section §7605 of the California Code of Regulations, all backflow preventers shall be tested at least annually. The District established a backflow testing and cross connection program in 2013 and all devices were tested in 2014. The District shall continue to administer a cross connection program to ensure all devices tested annually by AWWA certified backflow testers.

2. Customer Complaints

Are all complaints recorded? **Yes**

Are all complaints responded to? **Yes**

Digital/Hard Copy? **Hard Copy**

Table 15 summarizes the District's past five years of customer complaints. All complaints are recorded and are responded to by the District staff.

Table 15: Customer Complaints (2010-2014)

Year	Taste / Odor	Color	Turbidity	Waterborne Illnesses	Pressure (High or Low)	Outages	Total
2014	3	2	0	0	18	0	23
2013	3	2	0	0	16	0	21

Year	Taste / Odor	Color	Turbidity	Waterborne Illnesses	Pressure (High or Low)	Outages	Total
2012	10	2	1	0	24	0	37
2011	1	4	0	0	68	40	113
2010	0	3	0	1	30	0	34

The majority of the District's customer complaints are pressure and odor from chlorine off-gassing. The District shall continue to track all customer complaints and report yearly results to the District within the Annual Report. All health related complaints shall be immediately reported to the Division.

3. Auxiliary Power Supply

Auxiliary Power for:

Sources? **No**

Pumping Stations? **No**

Water Treatment Plants? **No**

How frequently is backup power tested? **N/A**

Can system pressure be maintained either by backup power or by storage during power outages of two hours or less? **Yes, by storage**

Backup power automatic or manual start: **N/A**

The District has the capability to rent a backup generator from a local store.

4. Valve Maintenance Program

No. of Valves/size: **246**

The District sent a valve exercising plan to the Division on February 4, 2014. Per AWWA Standard G200-04, Section 4.2.5.1 on Valve Maintenance, "Critical valves in the distribution system shall be identified for exercising on a regular basis. Potential quality and isolation concerns shall be recognized. The program shall track the annual results and set goals to reduce the percent of inoperable valves."

As a reminder, all critical valves shall be exercised annually. Records shall be maintained for all valve exercising.

5. Dead End Flushing

No. of dead ends: **23**

Frequency of flushing: **Annual per dead end flushing plan**

CCR Section 64600 (c) requires a water system to develop a schedule and procedure for flushing dead end mains. The District sent a dead end flushing plan to the Division on February 4, 2014. The plan includes quarterly dead end flushing. Dead end flushing is currently on hold until drought conditions improve.

6. Operation Controls

All District facilities are controlled manually. The Division recommends the District add SCADA to monitor tank levels, as funds allow.

7. System Security

The District's facilities are all locked and fenced. The District has a good overall system security program.

I. WATER SYSTEM MANAGEMENT

1. Management Structure

Who owns the water system? **Special District**

Current organizational chart on file? **Yes**

Are administrations familiar with the Safe Drinking Water Act? **Yes**

Is information adequately managed? **Yes**

The District is governed by five elected board members. The Board is very active and meets periodically. Mike Mathiasen, Ricardo Villa, and Aidan Robinson oversee day-to-day operations.

The District has two full time operators and one consultant. District consultant, Mike Mathiasen, serves as the chief operator and has filled in as a liaison between the Board of Directors and field staff.

2. Water System Finance

Are adequate reserve funds available to support maintenance and staffing requirements? **No**

Is there a Capital Improvement Plan (CIP)? **Yes**

The District has a capital improvement plan which includes upgrades to the Mill Creek WTP, well upgrades, upgrades to the distribution system, installation of SCADA, and general upgrades.

The District needs to replace the leaking and aged redwood tanks. The District does not currently have the financial capacity to complete all the needed upgrades to the system.

3. Reporting

Date of last Annual Report? **March 21, 2015**

Date of last Consumer Confidence Report? **2015**

CCR online? **No**

The District has submitted Annual Reports to the Division and CCR certification on time.

4. Emergency Response


Date of most recent Emergency Notification Plan: **2014**

Date of Emergency Response Plan: **N/A**

Tabletop Exercises: **April 2013**

The Division does not have a copy of the District's most recent Emergency Response Plan. Please send the Division an updated Emergency Response Plan.

Report prepared by: Jonathan Weininger

 9 November 2015
Signature Date



Toni Norton <lompicotoni@gmail.com>

RE: FW: Lompico Sanitary Survey 2015 Report

1 message

Sweigert, Jan@Waterboards <Jan.Sweigert@waterboards.ca.gov>
To: Toni Norton <lompicotoni@gmail.com>

Wed, Apr 5, 2017 at 11:57 AM

Toni – Please see my comments below in red

Jan R. Sweigert, P.E.

District Engineer, Monterey Office

SWRCB Division of Drinking Water

Office: [831-655-6939](tel:831-655-6939) Direct Line: [831-655-6934](tel:831-655-6934)

jan.sweigert@waterboards.ca.gov

From: Toni Norton [mailto:lompicotoni@gmail.com]
Sent: Monday, April 03, 2017 4:58 PM
To: Sweigert, Jan@Waterboards
Subject: Re: FW: Lompico Sanitary Survey 2015 Report

Hello Jan,

Thanks again for spending the time to located and send me the most recent Sanitary Survey and Deficiency Reports. It was too late to include it in our last meeting so we'll be discussing it in a couple of weeks. I spoke with Lois Henry and she was unable to answer some questions I had regarding whether or not Lompico met some of the deadlines set in the Deficiency List. I was hoping you might have the answers for me.

Under Treatment: Lewis WTP Waste Line Discharge-deadline to address: 12/31/2015 – **Lewis Treatment Plant is now disconnected from the system and the plant and all wells will be changed from active to standby facilities.**

Under Storage:

o The first two items order Lompico to provide a plan and schedule for repairing all leaking distribution reservoirs and a schedule for replacement of the tanks. Deadline 12/31/2015 **A schedule has been presented.**

o Tank Roof Hatches: Deadline 12/31/2015 **Lewis Tank 1 has a repaired hatch. The remaining hatches on the Kaski Tanks and the Madrone Tanks are scheduled for new roof hatches by May 31, 2017.**

Thank you very much for your assistance. Hope you had a great vacation. My husband and I are taking a trip to Xcaret in May. We're excited!

Sincerely,

Toni Norton

On Wed, Mar 8, 2017 at 9:49 AM, Sweigert, Jan@Waterboards <Jan.Sweigert@waterboards.ca.gov> wrote:

As requested, attached is the 2015 sanitary Survey Report (including the Deficiency List) for the Lompico water system. Please note that this sanitary survey was conducted prior to the transfer of ownership of the water system to San Lorenzo Valley Water District and may not describe current operations.

Jan R. Sweigert, P.E.

District Engineer, Monterey Office

SWRCB Division of Drinking Water

Office: [831-655-6939](tel:831-655-6939) Direct Line: [831-655-6934](tel:831-655-6934)

jan.sweigert@waterboards.ca.gov

Please forward to the Lompico Assessment Oversight Committee

Info for Toni Norton, Chair
Lompico Assessment Oversight Committee
March 27, 2017

Re: Loan for Lompico Assessment projects
Suggested contacts to help explain process of getting State and other loans to the committee

I offered to find the following info, from discussion at the last oversight committee meeting. I hope this helps. -Debra Loewen

Local: Tim Carson, Program Director **Regional Water Management** Foundation, part of Community Foundation Santa Cruz. Integrated Regional Water Management is a coalition of water districts in Santa Cruz County, including SLVWD. They apply for grants and loans together via this agency.
831 662-2000 direct 831 662-2050 tcarson@cfcc.org

CFCC California Financing Corporation <http://www.cfcc.ca.gov/> This organization is contracted by the government to provide funding info, and has the **universal application** for loans & grants, transmits it to all participating government loan agencies.

CFCC sponsors a **Funding Fair** each year, where each of the agencies explains what funding programs they have in the morning, and then in the afternoon you can sit down with a representative from any of the agencies and go over your individual needs.

State Water Resources will have their funding reps, who can walk you thru the whole process and answer questions. http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml
These are the ones you may want to ask to come and speak. There are other programs besides the State Revolving Fund.

The IBank rep was most helpful, too, went over the whole district budget and projects list and had great advice. <http://www.ibank.ca.gov/> May want to see if they have someone who will come out and speak to the committee, or maybe the board.

See Funding Fair below for more links.

Trade Organizations The District belongs to various trade and government organizations that may have speakers on funding, plus there are agencies that help special districts.

California Special Districts Association <https://www.csdafinance.net/>

Association of California Water Agencies <http://www.acwa.com/>

Rural Community Assistance Corporation <http://www.rcac.org/lending/environmental-loans/>

Funding Fair Details

http://cfcc.ca.gov/res/docs/2017/2017_Flyer_2_21_17.pdf

July 19 in Monterey Free, but need to register and sign up in advance thru the water district.

I attended several of these as citizen member of LCWD Grant & Loan committee.

Other venues:

<https://www.events.rcac.org/assnfe/ev.asp?ID=1036>

April 5, 2017* California Rural Water Association, 1234 North Market Blvd, Sacramento, CA 95834 Registration - <http://www.events.rcac.org/assnfe/ev.asp?ID=1032>

* **The Sacramento workshop will be webcast.**

Workbook for the Funding Fair that explains what each agency does (2016):

[http://cfcc.ca.gov/res/docs/2016%20Revisions/2016%20CFCC%20Workbook%20\(Web%20Version\).pdf](http://cfcc.ca.gov/res/docs/2016%20Revisions/2016%20CFCC%20Workbook%20(Web%20Version).pdf)

Resources from above workbook:

STATE WATER RESOURCES CONTROL BOARD (SWRCB)

www.waterboards.ca.gov/water_issues/programs/grants_loans

Sacramento, CA 95825

Clean Water Funding

Email: CleanWaterSRF@waterboards.ca.gov

Drinking Water Funding

Email: DrinkingWaterSRF@waterboards.ca.gov

Groundwater Quality Funding

Email: GWQuality.Funding@waterboards.ca.gov



Phone: (916) 787-5641

Invoice

Date	Invoice #
5/27/2016	103469

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

RECEIVED
JUN 06 2016
SAN LORENZO VALLEY
WATER DISTRICT

P.O. Number	Terms	Due Date
R25245	Net 30	6/26/2016

Project		
Ship	Via	F.O.B.
5/25/2016	UPS	Origin

Quantity	Description	Price Each	Amount
1	SITE 1, BOOSTER PUMP STATION MISSION MODEL M802 RTU-WIRELESS REAL-TIME ALARM SYSTEM WITH STREAMING DATA NEMA 4X ENCLOSURE (OUTDOOR ENCLOSURE; INCLUDES ALL PARTS FOR STANDARD INSTALLATION)	2,095.00	2,095.00T
1	MISSION COMMUNICATIONS SERVICE PACKAGE - M800 SERIES - 1 YEAR	563.40	563.40
2	RELAY - SINGLE POLE, DOUBLE THROW, 12/24 VDC, CONTACTS RATED 120 VAC, 10 AMP	35.00	70.00T
1	MISSION WET WELL MODULE (REVISION 2; INCLUDES: WET WELL MODULE PRINTED CIRCUIT BOARD, (2) AC STRAP-ON CURRENT SENSORS AND MOUNTING HARDWARE)	165.00	165.00T
1	SITE 1, REMOTE TANK MISSION MODEL M802 RTU-WIRELESS REAL-TIME ALARM SYSTEM WITH STREAMING DATA NEMA 4X ENCLOSURE (OUTDOOR ENCLOSURE; INCLUDES ALL PARTS FOR STANDARD INSTALLATION)	2,095.00	2,095.00T
1	MISSION COMMUNICATIONS SERVICE PACKAGE - M800 SERIES - 1 YEAR	563.40	563.40
1	TANK AND WELL CONTROL PACKAGE	1,250.00	1,250.00
1	MISSION LOOP ISOLATOR (4-20 mA, NO EXTERNAL POWER REQUIRED, NON-ADJUSTABLE RANGE/SPAN)	58.00	58.00T
1	SITE 2, PUMP STATION MISSION MODEL M802 RTU-WIRELESS REAL-TIME ALARM SYSTEM WITH STREAMING DATA NEMA 4X ENCLOSURE (OUTDOOR ENCLOSURE; INCLUDES ALL PARTS FOR STANDARD INSTALLATION)	2,095.00	2,095.00T
1	MISSION COMMUNICATIONS SERVICE PACKAGE - M800 SERIES - 1 YEAR	563.40	563.40

Sales Tax

Total



Phone: (916) 787-5641

Invoice

Specializing in Pumps, Process Equipment, Instrumentation
2024 Opportunity Drive, Suite 130
Roseville, CA 95678

Date	Invoice #
5/27/2016	103469

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

P.O. Number	Terms	Due Date
R25245	Net 30	6/26/2016

Project		
Ship	Via	F.O.B.
5/25/2016	UPS	Origin

Quantity	Description	Price Each	Amount
1	MISSION WET WELL MODULE (REVISION 2; INCLUDES: WET WELL MODULE PRINTED CIRCUIT BOARD, (2) AC STRAP-ON CURRENT SENSORS AND MOUNTING HARDWARE)	165.00	165.00T
2	RELAY - SINGLE POLE, DOUBLE THROW, 12/24 VDC, CONTACTS RATED 120 VAC, 10 AMP	35.00	70.00T
SITE 2, UPPER TANK			
1	MISSION MODEL M802 RTU-WIRELESS REAL-TIME ALARM SYSTEM WITH STREAMING DATA NEMA 4X ENCLOSURE (OUTDOOR ENCLOSURE; INCLUDES ALL PARTS FOR STANDARD INSTALLATION)	2,095.00	2,095.00T
1	MISSION COMMUNICATIONS SERVICE PACKAGE - M800 SERIES - 1 YEAR	563.40	563.40
1	TANK AND WELL CONTROL PACKAGE	1,250.00	1,250.00
1	MISSION LOOP ISOLATOR (4-20 mA, NO EXTERNAL POWER REQUIRED, NON-ADJUSTABLE RANGE/SPAN)	58.00	58.00T
SITE 2, LOWER TANK			
1	MISSION MODEL M802 RTU-WIRELESS REAL-TIME ALARM SYSTEM WITH STREAMING DATA NEMA 4X ENCLOSURE (OUTDOOR ENCLOSURE; INCLUDES ALL PARTS FOR STANDARD INSTALLATION)	2,095.00	2,095.00T
1	MISSION COMMUNICATIONS SERVICE PACKAGE - M800 SERIES - 1 YEAR	563.40	563.40

Sales Tax

Total



Specializing in Pumps, Process Equipment Instrumentation
2024 Opportunity Drive, Suite 130
Roseville, CA 95678

Phone: (916) 787-5641

Invoice

Date	Invoice #
5/27/2016	103469

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

P.O. Number	Terms	Due Date
R25245	Net 30	6/26/2016

Project		
Ship	Via	F.O.B.
5/25/2016	UPS	Origin

Quantity	Description	Price Each	Amount
1	MISSION LOOP ISOLATOR (4-20 mA, NO EXTERNAL POWER REQUIRED, NON-ADJUSTABLE RANGE/SPAN)	58.00	58.00
1	Pre-Pay and Add	125.00	125.00

Sales Tax	\$917.33
Total	\$17,478.33

MuniQuip

Specializing in Pumps, Process Equipment Instrumentation

2024 Opportunity Drive, Suite 130
Roseville, CA 95678

Phone: (916) 787-5641

Agenda: 4.20.17

Item: 14e

Invoice

Date	Invoice #
5/31/2016	103467

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

P.O. Number	Terms	Due Date
R25245	Net 30	6/30/2016

Project		
Ship	Via	F.O.B.
5/25/2016	Ground	Origin

Quantity	Description	Price Each	Amount
1	PULSAR - ULTRA 3 TRANSMITTER IN NEMA 4X WALL MOUNT ENCLOSURES	1,130.00	1,130.00T
1	PULSAR DB6 TRANSDUCER WITH 10 METER CABLE	610.00	610.00T
1	4" PVC MOUNTING FLANGE	140.00	140.00T
1	Pre-Pay and Add Freight	26.21	26.21

RECEIVED

JUN 06 2016

SAN LORENZO VALLEY
WATER DISTRICT

<i>Low cap</i>	Sales Tax	\$155.10
	Total	\$2,061.31



Specializing in Pumps, Process Equipment Instrumentation
 2024 Opportunity Drive, Suite 130
 Roseville, CA 95678

Phone: (916) 787-5641

Agenda: 4.20.17
 Item: 14e

Invoice

Date	Invoice #
6/13/2016	103480

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 85006-9119

P.O. Number	Terms	Due Date
R25297	Net 30	7/13/2016

Project		
Ship	Via	F.O.B.
6/13/2016	Ground	Origin

Quantity	Description	Price Each	Amount
2	KT861 Solar Kit - 20W to be used for recently purchased M800s	758.00	1,516.00T
1	Pre-Pay and Add Freight	50.00	50.00

CLT

RECEIVED

JUN 16 2016

SAN LORENZO VALLEY
 WATER DISTRICT

Subtotal	\$1,566.00
Sales Tax	\$125.07
Total	\$1,691.07



Phone: (916) 787-5641

Quote

Date	Estimate #
6/9/2016	22667

Name / Address
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To

P.O. No.	Terms	Due Date
	Net 30	7/9/2016

Description	Part Number	Lead Time	Qty	Rate	Total
SOLAR KIT - 20W, INCLUDES LARGE SOLAR PANEL (20W), SOLAR PANEL MOUNTING RACK, LARGE NEMA 4X ENCLOSURE, LARGE BATTERY (35 AMP-HOUR, & SOLAR CHARGE REGULATOR	KT861		1	758.00	758.00T
SOLAR KIT - 20W, INCLUDES LARGE SOLAR PANEL (20W), SOLAR PANEL MOUNTING RACK, LARGE NEMA 4X ENCLOSURE, LARGE BATTERY (35 AMP-HOUR, & SOLAR CHARGE REGULATOR	KT861		1	758.00	758.00T
	Freight		1	50.00	50.00T
				Sales Tax (9.5%)	\$148.77
				Total	\$1,714.77

National Meter & Automation, Inc.
PO Box 5429
GREENWOOD VILLAGE CO 80155
(303) 339-9100 FAX (303) 649-1017

INVOICE DATE	INVOICE NUMBER
06/21/16	S1072338.003
ISSUING BRANCH:	PAGE NO.
National Meter & Automation-Ca 2250 Apollo Way Suite 300 SANTA ROSA CA 95407 707-575-0700 Fax 707-575-3786	1

BILL TO:
 San Lorenzo Valley Water District
 13060 Hwy 9
 BOULDER CREEK, CA 95006

SHIP TO:
 San Lorenzo Valley Water District
 13060 Hwy 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON	
3842	R25246	\$js.n	Kathy Richards	
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE
Jordan Sharp	DIRECT	Net Due 30 Days	06/21/16	05/25/16
DESCRIPTION	ORDER QTY	SHIP QTY	Net Prc	Ext Prc
LF25 5/8 x 3/4 BRZ METER BODY ONLY W/ BRZ BTM, NSF-61 LEAD FREE .115	492	492		
M25 HR-E 8-DIAL ENCODER, CF, 6' NICOR POTTED CABLE, TX .10108	492	492		
64394-001 THRU METAL LID MOUNTING KIT F/ PIT ORION .486	492	492		
68086-015 BEACON ORION CELLULAR ENDPOINT ASSY ONLY W/ NICOR CONNECTOR 8" .10851	492	492		

Subtotal				99753.00
<p>Please remit to: National Meter & Automation, Inc. PO Box 5429 Greenwood Village, CO 80155-5429</p>				
Subtotal			99753.00	
S&H CHGS			0.00	
Sales Tax			8229.63	
Amount Due			107982.63	

RECEIVED

JUN 22 2016
 SAN LORENZO VALLEY
 WATER DISTRICT

CLT

Invoice is due by 07/21/16.

All claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

SHIP TO
SAN LORENZO VALLEY WATER DIST
13060 HWY 9

BOULDER CREEK, CA 95006
US

SOLD TO
NATIONAL METER & AUTOMATION
P O BOX 5429
GREENWOOD VILLAGE, CO 801555429
US

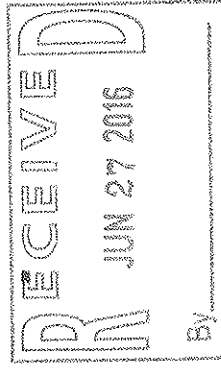


Badger Meter Inc
3269 N Grand Ave
Nogales, AZ 85621
414.371.7251
www.badgermeter.com

Packing List - Page 1 of 1

Shipped Via: SAIA Total Pieces: 82 Date Shipped: 06/20/2016
Tracking No: 009780849406 Total Weight: 2.949

<u>Badger Order</u> <u>Customer PO</u>	<u>Line</u>	<u>Badger P/N</u> <u>Customer P/N</u>	<u>Attn:</u> <u>Description</u>	<u>Meter Serial Numbers</u>	<u>Quantity</u> <u>Ordered</u>	<u>Quantity</u> <u>Shipped</u>
235613 S1072338	1	UM1-0012-8799	R25246 RCDL M25 LL Disc Meter (NSF 61-C), 5/8" X 3/4-3/4 Bore (3/4 X 7 1/2), Low Lead Bronze Bottom, Less Connections, HRE Registration, Cubic Feet, 8 Dial - 0.01 Ft3, 60 Minute Data Aggregation, Communication Period 24 Hrs, Plastic Shroud / Plastic Lid (Gray) Connected To Orion Cellular, CDMA, Indoor-Outdoor, Nicor Connector, 6 ft.	16777687-16778178	492	492
235613 S1072338	2	68086-015	R25246 ASSY,ORION CELL-CDMA,NICOR 8"		492	492



Invoice

National Meter & Automation, Inc.
PO Box 5429
GREENWOOD VILLAGE CO 80155
(303) 339-9100 FAX (303) 649-1017

INVOICE DATE	INVOICE NUMBER
06/17/16	S1072338.001
ISSUING BRANCH:	PAGE NO.
National Meter & Automation-Ca 2250 Apollo Way Suite 300 SANTA ROSA CA 95407 707-575-0700 Fax 707-575-3786	1

BILL TO:
 San Lorenzo Valley Water District
 13060 Hwy 9
 BOULDER CREEK, CA 95006

SHIP TO:
 San Lorenzo Valley Water District
 13060 Hwy 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
3842	R25246	\$js.n	Kathy Richards		
WALTER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
Jordan Sharp	DIRECT	Net Due 30 Days	06/17/16	05/25/16	
DESCRIPTION	ORDER QTY	SHIP QTY	Net Prc	Ext Prc	
LF70 1" BRZ METER BODY ONLY, BRZ BTM, NSF-61 LEAD FREE .132	12	12			
M70 1" HR-E 8-DIAL ENCODER, CF, TX, 6' LEAD, NICOR CONNECTOR .8912	12	12			
64394-001 THRU METAL LID MOUNTING KIT F/ PIT ORION .486	12	12			
68086-015 BEACON ORION CELLULAR ENDPOINT ASSY ONLY W/ NICOR CONNECTOR 8" .10851	12	12			
***** VERBAL QUOTED PRICING *****					
Subtotal -----					3907.80
Please remit to: National Meter & Automation, Inc. PO Box 5429 Greenwood Village, CO 80155-5429					

RECEIVED
 JUN 20 2016
 SAN LORENZO VALLEY
 WATER DISTRICT
 CLT

Subtotal	3907.80
S&H CHGS	0.00
Sales Tax	322.40
Amount Due	4230.20

Invoice is due by 07/17/16.

SHIP TO
SAN LORENZO VALLEY WATER DIST
13060 HWY 9
BOULDER CREEK, CA 95006
US

SOLD TO
NATIONAL METER & AUTOMATION
P O BOX 5429
GREENWOOD VILLAGE, CO 801555429
US



Badger Meter Inc
3269 N Grand Ave
Nogales, AZ 85621
414.371.7251
www.badgermeter.com

Packing List - Page 1 of 1

Shipped Via: UPS
Tracking No: 1Z8478860300218969

Total Pieces: 3
Total Weight: 151

Date Shipped: 06/15/2016

Badger Order Customer PO	Line	Badger P/N Customer P/N	Attn: Description	Meter Serial Numbers	Quantity Ordered	Quantity Shipped
235613 S1072338	3	UM1-0014-1149	R25246 RODL M70 LL Disc Meter (NSF 61-G), 1" (1 X 10 3/4), Low Lead Bronze Bottom, Less Connections, HRE Registration, Cubic Feet, 8 Dial - 0.01 F13, 60 Minute Data Aggragation, Communication Period 24 Hrs, Plastic Shroud / Plastic Lid (Gray) Connected To Orion Cellular, CDMA, Indoor-Outdoor, Nitor Connector, 6 ft.	16778179-16778190	12	12

235613 S1072338	4	68086-015	R25246 ASSY,ORION CELL-CDMA,NICOR 8"		12	12
--------------------	---	-----------	---	--	----	----

RECEIVED
JUN 20 2016
SAN LORENZO VALLEY
WATER DISTRICT


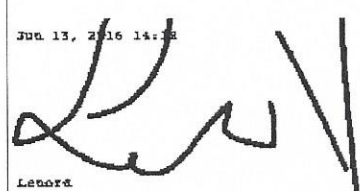
R & B COMPANY
ACCOUNTING DEPT
605 COMMERCIAL ST.
SAN JOSE CA 95112
408-436-1699 Fax 408-288-5045

Agenda: 4.20.17
Invoice

INVOICE DATE	INVOICE NUMBER
06/20/16	S1543965.001
SALES BRANCH:	PAGE NO.
R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	1

BILL TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

SHIP TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
3285	R25247		CAREY McCOY		
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	06/20/16	05/20/16	
DESCRIPTION	ORDER QTY	SHIP QTY	NET PYS	EXT PYS	
*3/4 WATTS LF25AUB-Z3 PRES RED VALVE *LOW LEAD* Your # 2108-083	150	150	76.000	11400.00	
B09 CONC UTILITY BOX 10-1/4x17-1/4 Your # 8006-001	150	150	19.500	2925.00	
FL09P-F FIBERLITE LID W/PROBE HOLE F/SENSUS FLEXNET IN CORNER MK: WATER <i>8007-047</i>	500	500	21.000	10500.00	
N09R CONCRETE LID MK: WATER Your # 8007-001	100	100	15.000	1500.00	
Prior Deposit on 07/06/16				-27970.31	
Discount Taken				-526.50	
					
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>Jun 13, 2016 14:32</p>  <p>LEONARD</p> </div> <div style="text-align: center;"> <p>Multiple Orders</p> </div> </div>					

Subtotal	-2171.81
S&H CHGS	0.00
Sales Tax	2171.81
Amount Due	0.00

All claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

** Reprint ** Reprint ** Reprint **


R & B COMPANY
ACCOUNTING DEPT
605 COMMERCIAL ST.
SAN JOSE CA 95112
408-436-1699 Fax 408-288-5045

Agenda: 4.20.17
 Item: 14e
Invoice

INVOICE DATE	INVOICE NUMBER
08/04/16	S1580877.001
SALES BRANCH:	PAGE NO.
R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	1

BILL TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

SHIP TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
3285	100722		CAREY McCOY		
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	08/04/16	07/28/16	
DESCRIPTION	ORDER QTY	SHIP QTY	NET PR	EXT PR	
B09 CONC UTILITY BOX 10-1/4x17-1/4 Your # 8006-001	300	300	19.500	5850.00	
					
Chelsea Slavich 0000100722					

If paid by 09/10/16 you may deduct \$117.00
Invoice is due by 09/03/16 net of any cash discount.

All claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

Subtotal	5850.00
S&H CHGS	0.00
Sales Tax	482.63
Amount Due	6332.63

Date: 07/27/16 San Lorenzo Valley Water District Requisition

BILL TO:

SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

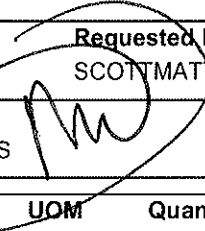
Page:	Req. Number
1	R25391

VENDOR:

ROBERTS & BRUNE CO.
REDWOOD CITY, CA 94063
Phone: 650-366-3833
Fax: 650-366-1134


SHIP TO:

SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

Date Order: 07/27/2016	Vendor: 711	Ship Via:	Requested By: SCOT MATTOCH
Wanted: 00/00/0000	Terms: NET 30 DAYS	Approved By: RICK ROGERS	

Line	Part:/Description:	Tax:/Cat/Ref#:	UOM	Quantity:	Unit Price:	Amount:
1	LOMPICO METER BOXES METER CHANGE OUT - BOXES	8.7500 QUOTE S1580877		300	\$19.50	\$5,850.00
	WO:	Acct: 01-400-5300	Equipment:			

LOMCAAP

Reviewed:	Budget: YES/NO	Total Order Cost	\$5,850.00
PO #	Terms:	Taxes:	\$511.87
Vendor:	Account # 	Freight:	\$0.00
		Grand Total:	\$6,361.87

Notes:

R & B COMPANY - SJ
1240 NORTH 13TH STREET
SAN JOSE CA 95112
408-297-7935 Fax 408-297-3495

Quotation

QUOTE DATE	QUOTE NUMBER
07/26/16	S1580877
ORDER TO:	PAGE NO.
R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	1

QUOTE TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

SHIP TO:
 SAN LORENZO VALLEY WATER DISTR
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALES PERSON		
3285			CAREY McCOY		
QUANTITY	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED	
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	07/26/16	Yes	
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET	
300ea	3388	B09 CONC UTILITY BOX 10-1/4x17-1/4 Your # 8006-001 TAXES NOT INCLUDED	19.500	5850.00	
			Subtotal	5850.00	
			S&H CHGS	0.00	
			Amount Due	5850.00	

This is a Quotation.

Price are firm for 30 days, subject to change without notice after 30 days.
 Applicable taxes extra.

R & B COMPANY
ACCOUNTING DEPT
605 COMMERCIAL ST.
SAN JOSE CA 95112
408-436-1699 Fax 408-288-5045

Agenda: 4.20.17
Credit Memo

INVOICE DATE	INVOICE NUMBER
08/08/16	S1543965.002
SALES BRANCH:	PAGE NO
R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	1

BILL TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

SHIP TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
3285	R25247-		CAREY McCOY		
WRITER	SHIP VIX	TERMS	SHIP DATE	ORDER DATE	
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	08/08/16	05/20/16	
DESCRIPTION	ORDER QTY	SHIP QTY	NET PFC	EXT PFC	
FL09P-F FIBERLITE LID W/PROBE HOLE F/SENSUS FLEXNET IN CORNER MK: WATER ** Original Sale : S1543965.001 ** ** Vendor RGA Number: ** Cus PO: R25247 ** Discount Taken	-379	-379	21.000	-7959.00	
				159.18	
RECEIVED AUG 10 2016 SAN LORENZO VALLEY WATER DISTRICT					
<i>Compsed Cap -M</i>					
			Subtotal	-7799.82	
			S&H CHGS	0.00	
			Sales Tax	-656.62	
			Amount Due	-8456.44	

All claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

** Reprint ** Reprint ** Reprint **

**SAN LORENZO VALLEY WATER DISTRICT
INVENTORY CHECK-OUT SHEET**

Date: 8-9-16

Employee # 212

* means WO# or PM code required

CHECK-OUT REASON:	Check One	WO# or PM Code *	Location / Additional Info
Operations Use	<input checked="" type="checkbox"/>		lompico wo 129
Supply&Treatment Use	<input type="checkbox"/>		
* New Meter/Upgrades	<input type="checkbox"/>		
* Capital Project	<input type="checkbox"/>		
Outside, to be invoiced	<input type="checkbox"/>		
Special Project (used for new projects not identified yet)	<input type="checkbox"/>		

ACCOUNTING USE
01-400-5300
01-800-5300
01-000-2310
01-000-1565
01-000-4150
to be assigned

INVENTORY NUMBER	QTY	DESCRIPTION (Include size if applicable)
✓ 1003-503	1	Bell Reder
✓ 1004-004	1	1' x 3/4 Bush
✓ 1015-200	1	3/4 x 0 Brass

Check if low stock

Inventory Control

WO Proof List

User: StephanieHill
 Printed: 8/24/2016 - 10:59 AM
 Batch: 00003.08.2016 - 2016.08.015_ISSUES



13060 Highway 9
 Boulder Creek, CA 95006-9119
 (831) 338-2153 phone
 (831) 338-7986 fax

WO Num	Reference No	WO Description	Item ID	Date	Description	Activity	Units	Value Per Unit	Overhead	Total Value
0000129		Meter Changeout - LOMCA	1003-503	8/9/2016	1BELL REDCR GALV 3/4" X 1/2'		1.00	1.19	0.00	1.19
0000129		Meter Changeout - LOMCA	1004-004	8/9/2016	1BUSHING GALV 1" X 3/4"		1.00	1.69	0.00	1.69
0000129		Meter Changeout - LOMCA	1015-200	8/9/2016	1NIPPLE BRASS 3/4" X 0"		1.00	2.33	0.00	2.33
0000129		Meter Changeout - LOMCA	7003-310	8/10/2016	PIPE GALV SCHED 40 3/4" (21'		63.00	0.95	0.00	60.06
0000129 Totals:									0.00	65.27
Report Totals:									0.00	65.27

Inventory Control

WO Proof List

User: StephanieHill
 Printed: 8/24/2016 - 11:04 AM
 Batch: 00002.08.2016 - 2016.08.03_ ISSUE



13060 Highway 9
 Boulder Creek, CA 95006-9119
 (831) 338-2153 phone
 (831) 338-7986 fax

WO Num	Reference No	WO Description	Item ID	Date	Description	Activity	Units	Value Per Unit	Overhead	Total Value
0000129		Meter Changeout - LOMCA	1003-505	8/3/2016	1BELL REDCR GALV 1" X 3/4"		1.00	2.04	0.00	2.04
0000129		Meter Changeout - LOMCA	1004-004	8/3/2016	1BUSHING GALV 1" X 3/4"		4.00	1.63	0.00	6.50
0000129		Meter Changeout - LOMCA	1014-202	8/3/2016	1NIPPLE GALV 3/4" X 2"		1.00	0.77	0.00	0.77
0000129		Meter Changeout - LOMCA	1014-210	8/3/2016	1NIPPLE GALV 3/4" X 4"		1.00	1.66	0.00	1.66
0000129		Meter Changeout - LOMCA	1014-218	8/3/2016	1NIPPLE GALV 3/4" X 6"		2.00	1.81	0.00	3.61
0000129		Meter Changeout - LOMCA	8006-001	8/3/2016	1METER BOX B9		40.00	21.89	0.00	875.46
0000129 Totals:									0.00	890.04
Report Totals:									0.00	890.04

Inventory Control

WO Proof List

User: AndiOneal
 Printed: 8/25/2016 - 4:42 PM
 Batch: 00005.08.2016 - 2016.08.24_ Issues



13060 Highway 9
 Boulder Creek, CA 95006-9119
 (831) 338-2153 phone
 (831) 338-7986 fax

WO Num	Reference No	WO Description	Item ID	Date	Description	Activity	Units	Value Per Unit	Overhead	Total Value	
0000129		Meter Changeout - LOMCA	1004-022	8/18/2016	BUSHING GALV 2" X 1"		1.00	3.64	0.00	3.64	
0000129		Meter Changeout - LOMCA	1014-200	8/18/2016	NIPPLE GALV 3/4" X 0"		6.00	1.15	0.00	6.90	
0000129		Meter Changeout - LOMCA	1014-338	8/24/2016	NIPPLE GALV 1" X 6"		1.00	2.39	0.00	2.39	
0000129		Meter Changeout - LOMCA	1015-200	8/18/2016	NIPPLE BRASS 3/4" X 0"		4.00	1.57	0.00	6.28	
0000129		Meter Changeout - LOMCA	1015-230	8/25/2016	NIPPLE BRASS 3/4" X 2"		50.00	3.30	0.00	165.00	
0000129		Meter Changeout - LOMCA	2107-073	8/18/2016	AIR RELIEF VALVE 3/4"		1.00	202.66	0.00	202.66	
0000129		Meter Changeout - LOMCA	2107-075	8/23/2016	AIR RELIEF VALVE 1"		1.00	222.73	0.00	222.73	
0000129		Meter Changeout - LOMCA	5007-096	8/18/2016	CORP PIPE-COPPER IP 1"		1.00	40.11	0.00	40.11	
0000129		Meter Changeout - LOMCA	8003-214	8/17/2016	METER RESETTER 3/4" X 18"		1.00	72.37	0.00	72.37	
									0000129 Totals:	0.00	722.08
									Report Totals:	0.00	722.08

T&P Sales, Inc.

Invoice

P.O. Box 366-3001 North Second
Ark. City, Ks. 67005
800-441-0645; Fx(620)442-2491

DATE	INVOICE #
8/24/2016	11286

BILL TO
San Lorenzo Valley Water 13060 Highway 9 Boulder Creek, Ca. 95006-9119

SHIP TO
San Lorenzo Valley Water 13060 Highway 9 Boulder Creek, Ca. 95006-9119

P.O. NO.	TERMS	DUE DATE	REP	SHIP DATE	SHIP VIA	FOB	PROJECT
VERB	Net 30	9/23/2016	rod	8/24/2016	next d...	PPA	
ITEM	DESCRIPTION			QTY	RATE	AMOUNT	

TP4051	TP4051 3/4"x1/16"Poly Coup Gaskets	2,000	0.09	180.00
Freight	freight NEXT DAY AIR		66.05	66.05

UPS NO 1Z 658 1FV 01 9381 9119

RECEIVED

AUG 25 2016

SAN LORENZO VALLEY
WATER DISTRICT

Total	\$246.05
--------------	----------

T&P Sales, Inc.

P.O. Box 366-3001 North Second
Ark. City, Ks. 67005
800-441-0645; Fx(620)442-2491

Packing Slip

Date	Invoice #
8/24/2016	11286



Ship To
San Lorenzo Valley Water 13060 Highway 9 Boulder Creek, Ca. 95006-9119

P.O. No.	Ship	Via	FOB	Project
VERB	8/24/2016	next day air	PPA	

Quantity	Item Code	Description
2,000	TP4051 Freight	TP4051 3/4"x1/16"Poly Coup Gaskets freight NEXT DAY AIR UPS NO 1Z 658 1FV 01 9381 9119

Inventory Control

WO Proof List

User: AndiOneal
 Printed: 9/8/2016 - 11:05 AM
 Batch: 00001.09.2016 - 2016.09.06_ Issues



13060 Highway 9
 Boulder Creek, CA 95006-9119
 (831) 338-2153 phone
 (831) 338-7986 fax

WO Num	Reference No	WO Description	Item ID	Date	Description	Activity	Units	Value Per Unit	Overhead	Total Value
0000129		Meter Changeout - LOMCA	1003-505	8/30/2016	BELL REDCR GALV 1" X 3/4"		1.00	2.04	0.00	2.04
0000129		Meter Changeout - LOMCA	1004-004	8/29/2016	BUSHING GALV 1" X 3/4"		1.00	1.56	0.00	1.56
0000129		Meter Changeout - LOMCA	1014-200	8/30/2016	NIPPLE GALV 3/4" X 0"		1.00	0.65	0.00	0.65
0000129		Meter Changeout - LOMCA	1014-202	8/29/2016	NIPPLE GALV 3/4" X 2"		1.00	0.77	0.00	0.77
0000129		Meter Changeout - LOMCA	1014-210	8/29/2016	NIPPLE GALV 3/4" X 4"		1.00	1.18	0.00	1.18
0000129		Meter Changeout - LOMCA	1014-220	9/30/2016	NIPPLE GALV 1" X 0"		1.00	1.49	0.00	1.49
0000129		Meter Changeout - LOMCA	1015-200	8/29/2016	NIPPLE BRASS 3/4" X 0"		4.00	1.57	0.00	6.28
0000129		Meter Changeout - LOMCA	2103-001	8/29/2016	CHECK VALVE METER SPUD		1.00	27.39	0.00	27.39
0000129		Meter Changeout - LOMCA	3009-038	8/29/2016	CPLG COPR-PIPE MALE 3/4"		2.00	12.34	0.00	24.68
0000129		Meter Changeout - LOMCA	6001-010	8/29/2016	REPAIR CLAMP 3/4" X 6"		1.00	10.71	0.00	10.71
0000129		Meter Changeout - LOMCA	6001-022	8/29/2016	REPAIR CLAMP 1-1/2" X 6"		1.00	14.56	0.00	14.56
0000129		Meter Changeout - LOMCA	8003-212	8/30/2016	METER RESETTER 3/4" X 12"		1.00	87.04	0.00	87.04
0000129		Meter Changeout - LOMCA	8003-214	8/18/2016	METER RESETTER 3/4" X 18"		1.00	72.37	0.00	72.37
0000129 Totals:									0.00	250.72
Report Totals:									0.00	250.72

MuniQuip

Specializing in Pumps, Process Equipment Instrumentation
2024 Opportunity Drive, Suite 130
Roseville, CA 95678

Phone: (916) 787-5641

Invoice

Date	Invoice #
6/13/2016	103480

Bill To
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To
SAN LORENZO VALLEY WATER DISTRICT 13060 HIGHWAY 9 BOULDER CREEK, CA 85006-9119

Project	
Ship	Via
6/13/2016	Ground
	F.O.B.
	Origin

P.O. Number	Terms	Due Date
R25297	Net 30	7/13/2016

Quantity	Description	Price Each	Amount
2	KT861 Solar Kit - 20W to be used for recently purchased M800s	758.00	1,516.00T
1	Pre-Pay and Add Freight	50.00	50.00

CLT

RECEIVED

JUN 16 2016

SAN LORENZO VALLEY
WATER DISTRICT

Subtotal	\$1,566.00
Sales Tax	\$125.07
Total	\$1,691.07

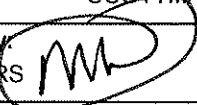
Date: 06/09/16 San Lorenzo Valley Water District Requisition

BILL TO:
SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

Page:	Req. Number
1	R25297


VENDOR:
MUNIQUEP, INC.
Roseville,, CA 95678-5138
Phone: 916-787-5641
Fax: 916-787-5642

SHIP TO:
SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

Date Order: 06/09/2016	Vendor: 511	Ship Via:	Requested By: SCOTTMATTOCH
Wanted: 00/00/0000	Terms:	Approved By: RICK ROGERS	

Line	Part:/Description:	Tax:/Cat/Reff:	UOM	Quantity:	Unit Price:	Amount:
1	LOMPICO SCADA SOLAR KITS (2)	0.00 QUOTE #22667		1	\$1,714.77	\$1,714.77
	WO:	Acct: 01-400-5300	Equipment:			

LOMEXP

Reviewed:	Budget: YES/NO	Total Order Cost	\$1,714.77
PO #	Terms:	Taxes:	\$0.00
Vendor:	Account # 	Freight:	\$0.00
		Grand Total:	\$1,714.77

Notes:



Specializing in Pumps, Process Equipment & Instrumentation
2024 Opportunity Drive, Suite 130
Roseville, CA 95678

Phone: (916) 787-5641

Quote

Date	Estimate #
6/9/2016	22667

Name / Address
SAN LORENZO VALLEY WATER DISTRICT ATTN: ACCOUNTS PAYABLE 13060 HIGHWAY 9 BOULDER CREEK, CA 95006-9119

Ship To

P.O. No.	Terms	Due Date
	Net 30	7/9/2016

Description	Part Number	Lead Time	Qty	Rate	Total
SOLAR KIT - 20W, INCLUDES LARGE SOLAR PANEL (20W), SOLAR PANEL MOUNTING RACK, LARGE NEMA 4X ENCLOSURE, LARGE BATTERY (35 AMP-HOUR, & SOLAR CHARGE REGULATOR	KT861		1	758.00	758.00T
SOLAR KIT - 20W, INCLUDES LARGE SOLAR PANEL (20W), SOLAR PANEL MOUNTING RACK, LARGE NEMA 4X ENCLOSURE, LARGE BATTERY (35 AMP-HOUR, & SOLAR CHARGE REGULATOR	KT861		1	758.00	758.00T
	Freight		1	50.00	50.00T

				Sales Tax (9.5%)	\$148.77
				Total	\$1,714.77

R & B COMPANY
ACCOUNTING DEPT
605 COMMERCIAL ST.
SAN JOSE CA 95112
408-436-1699 Fax 408-288-5045

INVOICE DATE 08/04/16	TRUCK NUMBER S1582983.001
SALES BRANCH: R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	
PAGE NO. 1	

BILL TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

SHIP TO:
 SAN LORENZO VALLEY WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON	
3285	R25247		CAREY McCOY	
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	08/04/16	08/03/16
DESCRIPTION	ORDER QTY	SHIP QTY	NET PPS	EXT PPS
FL09P-BO FIBRELYTE LID MK: WATER W/PROBE HOLE F/BADGER-ORION METER	500	500	26.250	13125.00

APPROVED BY: *[Signature]*
AMOUNT: ~~81,000.15~~
DATE:
 WO (opt) *Comp Ex*
 PM (opt)
 DESCRIPTION (opt) **CLT**

RECEIVED
OCT 10 2016
 SAN LORENZO VALLEY
 WATER DISTRICT

Aug 04, 2016 12:34

00017946

[Large Signature]

Chelsea Sladkovic

Multiple orders

1007C3

If paid by 09/10/16 you may deduct \$262.50
 Invoice is due by 09/03/16 net of any cash discount.

Subtotal	13125.00
S&H CHGS	0.00
Sales Tax	1082.81
Amount Due	14207.81

All claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

** Reprint ** Reprint ** Reprint **
-20250
13,945.31

Credit Memo

**R & B COMPANY
ACCOUNTING DEPT
605 COMMERCIAL ST.
SAN JOSE CA 95112
408-436-1699 Fax 408-288-5045**

INVOICE DATE	INVOICE NUMBER
08/31/16	S1562927.003
SALES BRANCH:	PAGE NO.
R & B COMPANY - SJ 1240 NORTH 13TH STREET SAN JOSE CA 95112 408-297-7935 Fax 408-297-3495	1

BILL TO:
SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

SHIP TO:
SAN LORENZO VALLEY WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON		
3285	100516		CAREY McCOY		
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE	
CAREY McCOY	OT OUR TRUCK	2% 10th Net 30 *	08/31/16	05/17/16	
DESCRIPTION	ORDER QTY	SHIP QTY	Net PFC	Ext PFC	
FL16P-F FIBERLITE LID W/PROBE HOLE F/SENSUS FLEXNET IN CORNER MK: WATER ** Original Sale : S1562927.001 ** ** Cus PO: 100516 ** Discount Taken	-36	-36	46.250	-1665.00	
				33.30	
			Subtotal	-1631.70	
			S&H CHGS	0.00	
			Sales Tax	-137.36	
			Amount Due	-1769.06	

All claims for shortage or errors must be made at once. Returns requires written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

** Reprint ** Reprint ** Reprint **

San Lorenzo

LUMBER & HOME CENTERS

Agenda: 4.20.17
 O to O Item 14e

5843 GANNAM HILL RD
 FELTON CA 95018-9737 (831) 335-4423
 SAN LORENZO VALLEY WATER
 13060 HWY 9
 BOULDER CREEK CA 95006-9119
 PHONE #: 831-338-2153

DOCUMENT TYPE
 CHANGE SHEET

J
 O
 B



PC NUMBER	CUSTOMER NUMBER	JOB NUMBER	DOCUMENT NUMBER	ISSUE DATE
44702		4-0023474	7/20/16	

DI NUMBER	CUSTOMER NUMBER	DELIVER	DELIVER DATE	SALES CODE	SALES REP
06000	N		7/20/16 104	14	

QTY	DESCRIPTION	MFG. #	SKU	UPC	INSTR. FEET	BOARD SQUARD	PRICE	U/M	EXTENDED AMOUNT
1	D-HANDLE DRILL SPADE WOOD HANDL	28278	182156	755495-012449			14.99	EA 10%	13.49
1	PINCH POINT BAR 60.1013	28740	141973	755495-342195			41.99	EA 10%	37.79
1	STANLEY RUBBER SCREW SET 6PC	64-563	175608	076174-665682			18.99	EA	18.99
2	MK-9 METER KEY HEAVY DUTY	305034	544918	054374-114905			14.99	EA 10%	26.98
2	RIP HAMMER 160Z	12039683L	176889	045734-987012			11.99	EA 10%	21.58
2	STANLEY WRENCH ADJUSTABLE 12"	87-473	168581	076174-074756			14.99	EA 10%	26.98
1	DL METAL PIPE WRENCH HD 18"	01-318	176640	883652-013181			15.99	EA 10%	14.39
1	DL METAL PIPE WRENCH HD 14"	01-314	172839	883652-013143			9.99	EA 10%	8.99

Lampico Meter Chargeout.

CHECKED BY	DELIVERED BY	TOTAL BOARD FEET	TOTAL SQ. FEET	STP-TOTAL	CARLAGE	TAX AMOUNT	DOCUMENT TOTAL
				167.19	.00	13.72	190.98

Customer Purchase Orders will be accepted for tracking purposes only. no additional obligation will be taken by San Lorenzo Lumber & Home Centers credit terms and terms of sale prevail.

THE UNDERSIGNED AGREES TO THE ADDITIONAL TERMS AND CONDITIONS ON THE REVERSE SIDE.

FOR MORE INFORMATION REGARDING HAZARDOUS MATERIAL PLEASE REFER TO THE REVERSE SIDE. THE ABOVE DESCRIBED MATERIAL CHECKED & RECEIVED IN GOOD CONDITION.

CUSTOMER AGREES THAT THIS ORDER LISTED ABOVE IS CORRECT IN EVERY DETAIL. IF THIS ORDER IS CANCELLED OR IF CUSTOMER FAILS TO PICK UP MATERIAL WITHIN 14 DAYS AFTER NOTIFICATION, CUSTOMER AGREES TO PAY ALL HANDLING CHARGES FOR MATERIALS RETURNED TO SUPPLIER AND FURTHER AGREES TO PAY ENTIRE PURCHASE PRICE IF MATERIAL CANNOT BE RETURNED.

WILLING / SPECIAL ORDERED - PLEASE READ

NON-REFUNDABLE

% RETURN CHARGE

DATE NOTIFIED

SCARBOROUGH HOME CENTERS, INC.

9470 HIGHWAY 9

P.O. BOX 848

BEN LOMOND, CA. 95005-0848
PHONE: (831) 336-5142

30 DAYS + RECEIPT REQUIRED ON RETURNS
THANK YOU FOR SHOPPING AT SCARBOROUGH

Customer No.	Job No.	Purchase Order No.	Reference	Terms	Clerk	Date	Time
11622		R25313	LOM PICO	1 & 10TH, NET 11TH,	MDC	6/16/16	1:24

Sold To
* S.L.V. WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006
(831) 338-2153

Ship To

SLSPR: 00 DEFAULT
TAX : 200 A/R SALES TAX: S CRUZ

TERM#567
DOC# 272647

* INVOICE *

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
1		EA	2307882	CM NUT DRIVER 5/16"	1	8.99 /EA	8.99
1		EA	3001815	TRES CABLE 10 3/4 BLK 100 PK	1	14.99 /EA	14.99
6		EA	41148	CLAMP 2-5/16 TO 3-1/4"SS	6	2.29 /EA	13.74
3		EA	5230214	BOLT U 3/8"X2.5"X3-5/8"	3	2.99 /EA	8.97
					54		

** AMOUNT CHARGED TO STORE ACCOUNT **
(SIFTON, BEAU)

45.49	TAXABLE	46.69
	NON-TAXABLE	0.00
	SUBTOTAL	46.69
	TD DISCOUNT	-4.67
	TAX AMOUNT	3.47
	TOTAL AMOUNT	45.49

X
Received By 

SCARBOROUGH HOME CENTER, INC.
9470 HIGHWAY 9
P.O. BOX 848
BEN LOMOND, CA. 95005-0848
PHONE: (831) 336-5142

30 DAYS + RECEIPT REQUIRED ON RETURNS
 THANK YOU FOR SHOPPING AT SCARBOROUGH

Agenda: 4.20.17
 Item: 14e

Customer No. 11622	Job No.	Purchase Order No. 213	PO # 213	Reference	Terms 1 & 10TH, NET 14TH,	Clerk KJP	Date 6/20/16	Time 12:26
-----------------------	---------	---------------------------	----------	-----------	------------------------------	--------------	-----------------	---------------

Sold to
 * S.L.V. WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006
 (831) 338-2153

Ship to

TERMS: 00 DEFAULT
 TAX : 200 A/R SALES TAX: S CRUZ
 DOC# 272837

 * INVOICE *

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
4		EA	50MS	MISC. SCREWS	4	.75 /EA	3.00 *
3		EA	50MS	MISC. SCREWS	3	.65 /EA	1.95 *
6		EA	50MS	MISC. SCREWS	6	.65 /EA	3.90 *

** AMOUNT CHARGED TO STORE ACCOUNT **
 (SIFTON, BEAU)

TAXABLE	8.85
NON-TAXABLE	0.00
SUBTOTAL	8.85
TAX AMOUNT	0.73
TOTAL AMOUNT	9.58

X 
 Received By 

SCARBOROUGH HOME CENTER, INC.

9470 HIGHWAY 9

P.O. BOX 848

BEN LOMOND, CA. 95005-0848

PHONE: (831) 336-5142

30 DAYS + RECEIPT REQUIRED ON RETURNS
THANK YOU FOR SHOPPING AT SCARBOROUGH

Customer No. 11622	Job No.	Purchase Order No. R25313	Reference PO # R25313	Terms 1& 10TH, NET 11TH,	Check MDC	Date 6/16/16	Time 9:43
-----------------------	---------	------------------------------	--------------------------	-----------------------------	--------------	-----------------	--------------

Sold To
* S.I.V. WATER DISTRICT
13060 HIGHWAY 9
BOULDER CREEK, CA 95006
(831) 338-2153

Ship To

TERM#567
DOC# 272615

* INVOICE *

SLSPR: 00 DEFAULT
TAX : 200 A/R SALES TAX: S CRUZ

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
1		EA	24229	5/8 X16 SPEEDBOR 2000XL	1	11.49 /EA	11.49
4		EA	4067476	1-1/4 GALV FLOOR FLANGE	4	9.99 /EA	39.96
6		EA	5230214	BOLT U 3/8"X2.5"X3-5/8"	6	2.99 /EA	17.94
1		EA	2062230	BLADE SAWZAL 9" 5-8T PKS	1	25.99 /EA	25.99 *
1		EA	26749	BIT DRILL 1" SELF FEED	1	28.99 /EA	28.99 *
3		EA	3407616	NUT CONE NYLON 1/4" BG/5	3	7.99 /EA	23.97
1		EA	2101194	BLADE SAWZAL 9"14TPI PKS	1	22.99 /EA	22.99 *
3		EA	3227568	CHANNEL PWR STR14GA10'EH	3	20.99 /EA	62.97 *
				442	** AMOUNT CHARGED TO STORE ACCOUNT **		

TAXABLE	243.52	TAXABLE	234.30
NON-TAXABLE		NON-TAXABLE	0.00
SUBTOTAL		SUBTOTAL	234.30
TD DISCOUNT		TD DISCOUNT	-9.34
TAX AMOUNT		TAX AMOUNT	18.56
TOTAL AMOUNT		TOTAL AMOUNT	243.52

417

X
Received By

SCARBOROUGH BUILDING SUPPLY
12990 HIGHWAY 9
P.O. BOX 846
BOULDER CREEK, CA 95006-0846
PHONE: (831) 338-6467

30 DAYS + RECEIPT REQUIRED ON RETURNS
 THANK YOU FOR SHOPPING AT SCARBOROUGH

Customer No. 11622	Job No.	Purchase Order No. R213	Reference LOMPICO TANKS	Terms 1% 10TH, NET 11TH,	Clerk IAH	Date 6/20/16	Time 9:07
-----------------------	---------	----------------------------	----------------------------	-----------------------------	--------------	-----------------	--------------

Sold To
 * S.L.V. WATER DISTRICT
 13060 HIGHWAY 9
 BOULDER CREEK, CA 95006
 (831) 338-2153

Ship To



SLSBR: 00 DEFAULT
 TAX : 500 A/R SALES TAX: S CRUZ
 TERM#581
 * INVOICE *

 DOC# 547398

SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
1		EA	7327331	ROPE POLY MS CAM 5/16X75	1	15.99 /EA	15.99 *
1		EA	42922	TAPE DUCK 2X20YD BLACK	1	4.99 /EA	4.99
1		EA	296052	STAY SHARP 5PC NUT DRIVER	1	17.99 /EA	17.99 *
1		EA	53689	1-3/8" X6' SLOTTED FLAT	1	14.99 /EA	14.99
6		EA	50MS	MISC. SCREWS	6	.07 /EA	.42 *
3		EA	50MS	MISC. SCREWS	3	.65 /EA	1.95 *
8		EA	50MS	MISC. SCREWS	8	.53 /EA	4.24 *
36							63.40

** AMOUNT CHARGED TO STORE ACCOUNT **
 (SIFTON, BEAU)

TAXABLE 60.57
 NON-TAXABLE 0.00
 SUBTOTAL 60.57
 TD DISCOUNT -2.00
 TAX AMOUNT 4.83
 TOTAL AMOUNT 63.40

X 
 Received By 

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Beau Sifton
PERIOD ENDING	6/22/16
PREPARED BY	213

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico	220 Prospect + Meter Install		
	Lompico Tanks SCADA + Sample Taps																		
THU	6/16/16															8			8
	Lompico Tanks SCADA + Sample Taps																		
FRI	6/17/16															8			8
	Lompico Tanks SCADA Solar Panels																		
MON	6/20/16															8			8
	Leak Repair 8680 Hwy 9 Full Flagging / Tree Removal Wastewater King Station																		
TUE	6/21/16				2				5		1								8
	Safety Meeting / Lompico Tanks SCADA Solar Panels / 220 prospect meter install																		
WED	6/22/16					1										3	4		8
HRS					2	1			5		1					27	4		40
ACCT #S																01-04-5901	01-04-5503		

EMPLOYEE
SIGNATURE: Beau Sifton

APPROVED
BY: [Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Beau Sifton</u>
PERIOD ENDING	<u>6/22/16</u>
PREPARED BY	<u>213</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico		
	Lompico 10696 10696 Lake Leak Repair / BC Water Meter																	
THU	6/9/16										2					6		8
	Leak Repair 375 St. Francis / Generator + Flaring Tool Pick-up / Lewis Tank Pigs.																	
FRI	6/10/16			3					3							2		8
	Lompico Booster Meter Install																	
MON	6/13/16															8		8
	Parts From Admin to Lompico For Meter Changes																	
TUE	6/14/16															8		8
	Safety Meeting / Clean-up / Leak Repair 13382 Big Basin																	
WED	6/15/16				1	1				6								8
HRS				4	1					9	2					24		40
ACCT #S																0101-0907		

80 Reg

EMPLOYEE SIGNATURE: 

APPROVED BY: 

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Ricardo Villa
PERIOD ENDING	6-22-16
PREPARED BY	216

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico	Prospect Hwy	Prospect Hwy	220 Prospect Meter Install
	Lompico Tanks SCADA AND SAMPLE TAP ↗																		
THU	6-16															8			8
	Lompico Tanks SCADA AND SAMPLE TAP																		
FRI	6-17															8			8
	KASKY SOLAR PANEL (Lompico)																		
MON	6-20															8			8
	LEAK Repair 8680 Hwy 9 Full flagging / TREE REMOVAL wastewater / tree																		
TUE	6-21			2					S		F								8 8
	MADRONE SOLAR PANEL - SAFETY MEETING - Prospect Hwy 220 Prospect Meter Install																		
WED	6-22					1										3	4		8
HRS																27	4		40
ACCT #'S																0104-5903	01-04521		

EMPLOYEE SIGNATURE: Ricardo Villa

APPROVED BY: _____

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>7-6-16</u>
PREPARED BY	<u>212</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	FPD 121 001	NEW SERVICE	LOMEXP	
THU	6-23															7			8
FRI	6-24															8			8
MON	6-27																8		8
TUE	6-28									8									8
WED	6-29					1				5								2	8
HRS						1				14						15	8	2	40
ACCT #S																	NEW SERVICE	NEW SERVICE	LOMEXP

48 Reg
.75 OT
Payroll
Accrual

EMPLOYEE
SIGNATURE:

BB

APPROVED
BY:

[Signature]

72 Reg
8 Holiday
.75 OT

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Ben Beasley
PERIOD ENDING	7-6-16
PREPARED BY	212

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	REGULAR	NEW SERVICE	EXPENSE	
THU	6-23															7			8
FRI	6-24															8			8
MON	6-27															8			8
TUE	6-28									8									8
WED	6-29					1				5								2	8
HRS						1				14					15	8	2		40
ACCT #S																NEW SERVICE	NEW SERVICE	LOMEXP	

48 Reg
.75 OT
Payroll
Accrual

EMPLOYEE
SIGNATURE: BB

APPROVED
BY: [Signature]

72 Reg
8 Holiday
.75 OT

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

SH

NAME:	Don Long
PERIOD ENDING	7.6.16
PREPARED BY	209

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING											HRS
							FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	220 Prospect	lompico					
THU	6/23	220 Prospect / Pick up			Payroll Accrual						00					8	
	6/24	220 Prospect / Bear cree			c.e Meter						5					8	
MON	6/27	220 Prospect									8					8	
	6/28	220 Prospect									8					8	
WED	6/29	safety meeting / inventory / lompico meters									4	3				8	
											4	3				8	
HRS											29	3				40	
ACCT #S											NEW SCHEDULE		LOMEXP				

EMPLOYEE SIGNATURE: _____

APPROVED BY: _____

72 Reg
8 Holiday
10 OT
2 DT
17.5 SB

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Taylor Lachino</u>
PERIOD ENDING	<u>7/6/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	N	EM	SVC	NT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	220 Prospect Meter	Lompico	
THU	6/23														7		8
FRI	6/24														4	4	8
MON	6/27														8		8
TUE	6/28														7		8
WED	6/29				4											4	8
HRS					5										26	8	40
ACCT #S																	

48 Reg
Payroll
Accrual

NEW SERVICE
LOMEX

72 Reg
8 Holiday

EMPLOYEE SIGNATURE: [Signature]

APPROVED BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>7/20/2016</u>
PREPARED BY	<u>138</u>

DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	<i>Lompico meters</i>	Service 200 twin pin	
Gen office safety inspection meeting. Main leak upper paso tank. Hotmixing 200 twin pines.																	
THU	7/14/2016			4.00					2.00							2.00	8.00
Prep for meters lompico, Main leak 514 prima vera, leak st frances, pressure problem charlie tank.																	
FRI	7/15/2016			2.00					5.00						1.00		8.00
Bc wastewater, service line repair 722 creek, usa locates. Lompico , Gen office.																	
MON	7/18/2016			2.00					4.00						2.00		8.00
Gen office, main leak 12805 Hwy 9, BC wastewater, Lompico.																	
TUE	7/19/2016			2.00					3.00				1.00		2.00		8.00
Gen office, Hotmixing , lompico meter changeover, usa locates, Leak investigations.																	
WED	7/20/2016			2.00					4.00						2.00		8.00
HRS				12.00					18.00				1.00		7.00	2.00	40.00
ACCT #S															<i>LOMPICO</i>	<i>NEW SERVICE</i>	
	01-04-5701																
	01-04-5701																
	01-2229																
	01-04-5701																
	01-04-5701																
	01-08-5101																
	01-04-5201																
	01-08-5301																
	01-04-5401																
	01-04-5501																
	01-04-5601																
	01-08-5801																
	01-04-5901																
	02-06-5001																

EMPLOYEE SIGNATURE: *Leonard Kuhnlein* 73

APPROVED BY: *[Signature]*

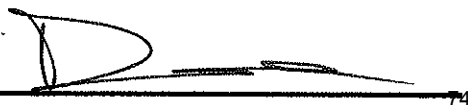
**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Don Long</u>
PERIOD ENDING	<u>7.20.16</u>
PREPARED BY	<u>209</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	200 Twin Pines	Lompico		
	5 mile, Peavine intakes / 200 Twin Pines New Service																		
THU	7/14									5						3			8
	Lompico Boxes and lids / Basins Lyon plant																		
FRI	7/15									3								5	8
	Lompico meters																		
MON	7/18																	8	8
	Lompico meters																		
TUE	7/19																	8	8
	Lompico meters / Safety meeting																		
WED	7/20					1												8	8
HRS										8						3		28	40
ACCT #S																		NEW SERVICE	LOMPICO

EMPLOYEE
SIGNATURE:

427



APPROVED
BY:

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Taylor Toccato</u>
PERIOD ENDING	<u>7/20/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico	Twin Pines Road Service		
THU	7/14																	Blueberry ^{st.} pipe leak / 100 tan Oak backflow Pleading / Twin Pines Paving	8
FRI	7/15																	Lompico Meters Prep.	8
MON	7/18																	Lompico Meters	8
TUE	7/19																	Lompico Meters	8
WED	7/20					1												Lompico meters / safety meeting	8
HRS						1				7									31
ACCT #S																			COMEXP
																			NEW SERVICE
																			1
																			40

EMPLOYEE
SIGNATURE:

428

APPROVED
BY:

75

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Ricardo Villa</u>
PERIOD ENDING	<u>07-20-16</u>
PREPARED BY	<u>216</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico		
		Lompico Meter Reading																
THU	07-14															8		8
		Lompico Meter Reading																
FRI	07-15															8		8
		Meter Changing - Lompico																
MON	07-18															8	no 129	8
		Meter Changing - Lompico																
TUE	07-19															8	no 129	8
		Meter Changing - Lompico																
WED	07-20															8	no 129	8
HRS																40		40
ACCT #S																Lomexp		

EMPLOYEE
SIGNATURE: _____
429

Ricardo Villa

APPROVED
BY: _____

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET SUPPLY & TREATMENT PERSONNEL

SH

NAME	SWEDMARK
PERIOD ENDING	7/13/16
PREPARED BY	KEN SWEDMARK

DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MTG	SUPPLY SOURCE	PUMPING DIST	DISINFECTION	MAINT. S & T	SYSTEM DIST	CUSTOMER SVC	MAINT. DIST.	WTR TRTMT FAC.	TANKS/RESVR	WASTEWATER	LOMEXP		
																		0.00
Sun	7/10/16												10.00					10.00
Kirby- walk-through & clean CL2 analyzer, switch filters. Lyon- reads, verified turbidity analyzers, cleaned windows, calibrated lab PH & turbidity meters, verified plant PH																		
Mon	7/11/16												9.00			1.00		10.00
Plant & SCADA operations instruction. Bac-t sampling, fixed chem pump, cleaned Y strainers CL2 analyzers, chlor-kirby																		
Tue	7/12/16												10.00					10.00
Lompico Pb/Cu bottle drop off. CL2 drums at Kirby. Bac-t & Gen/Phy sample set-up, cleaned combined turbidity analyzer, plant reads- Kirby and Lyon, Chlorinate Bennett																		
WED	7/13/16				1.00								6.00			3.00		10.00
Paso CL2 check, Lompico Pb/Cu bottle pick-up, Kirby/Lyon plant reads. Clean CL2 analyzers, change charts,																		
HRS					1.00								35.00			4.00		40.00
ACCT #S																		

LOMEXP

EMPLOYEE SIGNATURE: 430 Ken Swedmark 77

APPROVED BY: [Signature] 80 Reg

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

NAME Rachel Munoz

EMPLOYEE # 90 GL #: 01-02-5001 PP ENDING 8/3/2016

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	07/21/16	6			2	8
FRI	07/22/16	6			2	8
MON	07/25/16		8		0	8
TUE	07/26/16	6			2	8
WED	07/27/16	6			2	8
HRS		24	8	0	8	40

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	07/28/16	6			2	8
FRI	07/29/16	6			2	8
MON	08/01/16	6			2	8
TUE	08/02/16	6			2	8
WED	08/03/16	6			2	8
HRS		30	0	0	10	40

PAYROLL TOTALS:		54 ✓	8	0	18	80
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EMPLOYEE SIGNATURE: *Rachel Munoz*

72 Reg
8 Annual

APPROVED BY: *[Signature]*

SH

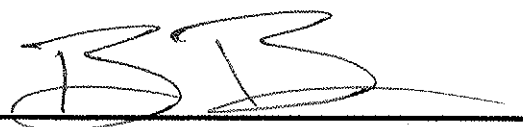
**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

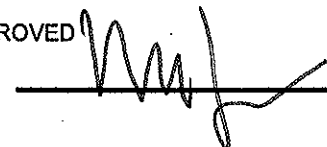
NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-3-16</u>
PREPARED BY	<u>212</u>

SH

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	W.O. 129 Leakages		
THU	7-21									8								8
Boulder Brook Main leak - 180 Madrona Main leak - Rancho Rio service leak																		
FRI	7-22															8		8
Impico Meters change																		
MON	7-25									8								8
Kirby Basins - country club Main leak																		
TUE	7-26									8								8
Admin supply service Meter - Blue TANK stairs																		
WED	7-27					1				6		1						8
Safety Meeting - USA locate - Blue TANK stair case - University Booster Maint.																		
HRS						1				30		1				8		40
ACCT #S																129		

80 Reg

EMPLOYEE SIGNATURE: 
432 79

APPROVED BY: 

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-3-16</u>
PREPARED BY	<u>212</u>

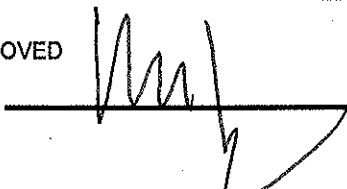
	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	W6 129		
THU	7-28									8								8
Elenra court 1" Meter - 170 creek court replacement - USA's - Pine St. Service																		
FRI	7-29									8								8
USA'S - Elenra court cell endpoint - Lyon cell booster - 7625 Hinn service leak																		
MON	8-1															8		8
Lompico Meter change																		
TUE	8-2															8		8
Lompico meter change																		
WED	8-3				.5	.5										8		8
Lompico meter change Safety Meeting Clean up																		
HRS					.5	.5				16						23		40
ACCT #S																129		

EMPLOYEE
SIGNATURE:

433



APPROVED
BY:



**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Joe Davis</u>
PERIOD ENDING	<u>8/3/16</u>
PREPARED BY	<u>207</u>

SH

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	PERSON			
	Lk repair Madonna / Lk repair Rancho Rio																		
THU	7/21									8									8
	Lk repair Booth / USA Locates																		
FRI	7/22									8									8
	Annual / Checked Luccia's flow / Adjusted 2" on 5mile/nipples for Lompico Meter Change																		
MON	7/25	2								3						3			8
	Nipples for lompico change Meter change out / Lompico meter change out																		
TUE	7/26															8			8
	Safety meeting / Clean up / Lompico meter change out																		
WED	7/27				.5	.5										7			8
HRS		2			.5	.5				19						18			40
ACCT #S																129			

EMPLOYEE

SIGNATURE: _____

434

APPROVED

BY: _____

78 Reg
& Annual
a OT
17.558

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Joe Davis
PERIOD ENDING	8/3/16
PREPARED BY	207

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	Service upgrade 530 Alder	
	Read meters 72 73																	
THU	7/28										8							8
	Read meters 74 75																	
FRI	7/29										8							8
	LK Repair Waha																	
MON	8/1									8	8							8
	LK Repair Azuela / Made nipples Lompico Meter change																	
TUE	8/2									6					2			8
	Pick up parts for the Lompico meter change / Backfill Azuela / Service upgrade Alder																	
WED	8/3									6					1	1		8
HRS									20	16					3	1		40
ACCT #S																129	129	

EMPLOYEE

SIGNATURE: Joe Davis

435

82

APPROVED

BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>7/27/2016</u>
PREPARED BY	<u>138</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico	WG 129	200 twin pines serv	
THU	7/21/2016	8.00																	8.00
FRI	7/22/2016	8.00																	8.00
MON	7/25/2016				3.00					2.00		2.00					1.00		8.00
TUE	7/26/2016				4.00							2.00					2.00		8.00
WED	7/27/2016				1.00	1.00						3.00				1.00	2.00		8.00
HRS		16.00			8.00	1.00				2.00		7.00				1.00	5.00		40.00
ACCT #S		01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001		WD 129	NEW SER	

EMPLOYEE SIGNATURE: *Leonard Kuhnlein* 83 APPROVED BY: *[Signature]*

56 Reg
24 Annual

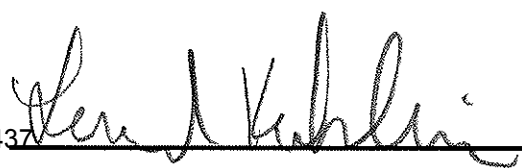
SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>8/3/2016</u>
PREPARED BY	<u>138</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico	WO 129	service 530 alder	
	annual- sick																		
THU	7/28/2016	8.00																	8.00
	Gen office, Lyon tank, leak investigation Highn, usa locates, Lompico meter change. Service line leak lompico.																		
FRI	7/29/2016			2.00					2.00								4.00		8.00
	No water 11603 lakeshore lompico, Main leak highn, gen office, usa locates.																		
MON	8/1/2016				3.00					4.00						1.00			8.00
	Main leak Highn and Kim, Main leak azalea, Gen office, Lompico meter change.																		
TUE	8/2/2016				2.00					4.00							2.00		8.00
	Safety meeting, Gen office, Main leak azalea, Lompico meter change, USA locates, Service upgrade 530 alder																		
WED	8/3/2016				1.00	1.00				3.50							2.00	0.50	8.00
HRS		8.00			8.00	1.00				13.50						1.00	8.00	0.50	40.00
ACCT #S		01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001	LOMPICO	WO 129	Day in	

EMPLOYEE

SIGNATURE: 437



APPROVED

BY:



SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Don Long
PERIOD ENDING	8.3.16
PREPARED BY	209

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	#WO-129		
	lompico meter change																	
THU	7/21															00		8
	lompico meter change																	
FRI	7/22															00		8
	lompico meter change																	
MON	7/25															00		8
	lompico meter change																	
TUE	7/26															00		8
	safety meeting / lompico meter change / cleanup																	
WED	7/27				1	1										6		8
HRS					1	1										38		40
ACCT #'S																129		

SH

EMPLOYEE
SIGNATURE: _____
438

APPROVED
BY: _____

80 Reg

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Don Long</u>
PERIOD ENDING	<u>8.3.16</u>
PREPARED BY	<u>209</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	#		
	lompico meter change																	
THU	7/28															8		8
	lompico meter change																	
FRI	7/29															8		8
	lompico meter change																	
MON	8/1															8		8
	lompico meter change																	
TUE	8/2															8		8
	Safety meeting / cleanup / lompico meter																	
WED	8/3				1	1										6		8
HRS					1	1										38		40
ACCT #S																		

EMPLOYEE
SIGNATURE: _____

439

APPROVED
BY: _____

86

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Andy Rocustelli</u>
PERIOD ENDING	<u>8-3-16</u>
PREPARED BY	<u>155</u>

SH

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER			
THU	7-21														8			8
FRI	7-22														8			8
MON	7-25														8			8
TUE	7-26														8			8
WED	7-27					1									7			8
						1												
HRS															39			40
ACCT #S															129			

EMPLOYEE
SIGNATURE:

Andy Rocustelli

APPROVED
BY:

[Signature]

56 Reg
24 Annual

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Andy Robustelli</u>
PERIOD ENDING	<u>8-3-16</u>
PREPARED BY	<u>155</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER			
THU	7-28																	
FRI	7-29																	
MON	8-1	8																
TUE	8-2	8																
WED	8-3	8																
HRS		24													16			40
ACCT #S															129			

EMPLOYEE SIGNATURE: Andy Robustelli

APPROVED BY: [Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Hayler</u>
PERIOD ENDING	<u>8/3/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WWD		
	Lompico Meter change																	
THU	7/21															8		8
	Lompico Meter change																	
FRI	7/22															8		8
	Lompico Meter change																	
MON	7/25															8		8
	Lompico Meter change																	
TUE	7/26															8		8
	Lompico Meter change Safety meeting clean up																	
WED	7/27				.5	.5										7		8
HRS					.5	.5										39		40
ACCT #S																129		

EMPLOYEE
SIGNATURE:

[Handwritten Signature]

442

89

APPROVED
BY:

[Handwritten Signature]

80 Reg

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u><i>Castel</i></u>
PERIOD ENDING	<u>8/3/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER			
THU	7/28																	
<i>Lompico Meter Change</i>																		
FRI	7/29															8		8
<i>Lompico Meter change</i>																		
MON	8/1															8		8
<i>Lompico Meter change</i>																		
TUE	8/2															8		8
<i>Lompico Meter change Safety meeting cleanup</i>																		
WED	8/3				.5	.5										7		8
HRS					.5	.5										39		40
ACCT #S																129		

EMPLOYEE
SIGNATURE:

[Handwritten Signature]

443

90

APPROVED
BY:

[Handwritten Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Ricardo Villa</u>
PERIOD ENDING	<u>7-27-16</u>
PREPARED BY	<u>216</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINSYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WTR MGR # 129		
	METER CHANGE - Lompico																	
THU	7-21															8		8
	ANNUAL METER CHANGE - Lompico																	
FRI	7-22	8																8
	METER CHANGE - Lompico																	
MON	7-25															8		8
	METER CHANGE - Lompico																	
TUE	7-6															8		8
	METER CHANGE - Lompico																	
WED	7-27															8		8
HRS		8														32		40
ACCT #S																129		

EMPLOYEE
SIGNATURE:

Ricardo Villa

444

APPROVED
BY:

[Signature]

72 Reg
8 Annual
5 OT

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Ricardo Villa
PERIOD ENDING	8-3-16
PREPARED BY	216

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WATER METER #			
	METER CHANGE - Lompico																		
THU	7-28															00			00
	METER CHANGE - Lompico																		
FRI	7-29															00			00
	METER CHANGE - Lompico																		
MON	8-1															00			00
	METER CHANGE - Lompico																		
TUE	8-2															00			00
	METER CHANGE - Lompico																		
WED	8-3															00			00
HRS																40			40
ACCT #S																129			

EMPLOYEE SIGNATURE: Ricardo Villa

APPROVED BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

NAME Rachel Munoz

EMPLOYEE # 90 GL #: 01-02-5001 PP ENDING 8/17/2016

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	08/04/16	6			2	8
FRI	08/05/16	6			2	8
MON	08/08/16	6			2	8
TUE	08/09/16	6			2	8
WED	08/10/16	6			2	8
HRS		30	0	0	10	40

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	08/11/16	6			2	8
FRI	08/12/16	6	8		2	8
MON	08/15/16	6	8		2	8
TUE	08/16/16	6			2	8
WED	08/17/16	6			2	8
HRS		30 18	0 16	0	10 6	40

PAYROLL TOTALS:		60 48	0 16	0	20 16	80
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EMPLOYEE SIGNATURE: Rachel Munoz

APPROVED BY: [Signature]

SH 64 Reg
16 Annual

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH


NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-17-16</u>
PREPARED BY	<u>212</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WOT# 129			
	Pacne Main leak Annual																		
THU	8-4	4								4									8
	Main leak pipe 51, USA LOCATES, check out leaks																		
FRI	8-5									8									8
	Lompico Meter change																		
MON	8-8															8			8
	Lompico Meter change																		
TUE	8-9															8			8
	Safety Meeting - Lompico Meter change																		
WED	8-10					1										7			8
HRS		4				1				12						23			40
ADCT #S																			

EMPLOYEE
SIGNATURE:
447



APPROVED
BY:



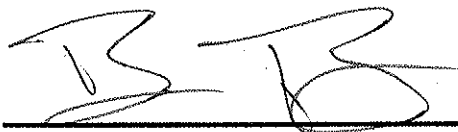
24 Reg
6 Annual
16.75 OT
4 DT
17.5 SB

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

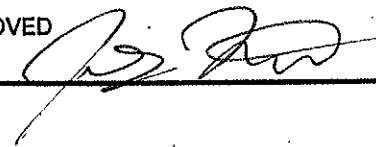
NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-17-16</u>
PREPARED BY	<u>212</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	W6 #129			
	236 Main leak - Turn ons - 1233 Hillcrest low pressure - Quail & Box's																		
THU	8-11								8										8
	Annual - Redwood park booster clean-up - 310 Tractor tire																		
FRI	8-12	2								6									8
	Lompico Meter change																		
MON	8-15															8			8
	East Zayante Main leak - Lompico Meter change																		
TUE	8-16									3						5			8
	Lompico Meter change																		
WED	8-17															8			8
HRS		2								17						21			40
ACCT #S																			

EMPLOYEE
SIGNATURE:
448



APPROVED
BY:



**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Joe Davis</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>207</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 12a		
	Lompico meter change Annual																	
THU	8/4	8																8
	Lompico meter change Annual																	
FRI	8/5	8																8
	LK repair Grove st / LK investigation sweet pea / Boxes and lids to Quail 5																	
MON	8/8									8								8
	Lost Acres Booster Pump / Moved Paso 6 Gen / LK investigation Caledonia																	
TUE	8/9									8	7							8
	Safety meeting / cleanup / LK repair sweet pea / LK repair Shady lane																	
WED	8/10				.5	.5				7								8
HRS		16			.5	.5				16	7							40
ACCT #S																		

64 Reg
16 Annual

EMPLOYEE SIGNATURE: Joe Davis
449

APPROVED BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Joe Davis</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>207</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WOT 129		
	Lompico meter change																	
THU	8/11															8		8
	Lompico meter change																	
FRI	8/12															8		8
	Lompico meter change																	
MON	8/15															8		8
	Lompico meter change																	
TUE	8/16															8		8
	Safety meeting/cleanup/Lompico Meter change																	
WED	8/17				.5	.5										7		8
HRS					.5	.5										39		40
ACCT #S																		

EMPLOYEE
SIGNATURE: Joe Davis
450

APPROVED
BY: [Signature]



SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>8/10/2016</u>
PREPARED BY	<u>138</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	200 twin pines serv	
	Gen office, Main leak paone, unload meter boxes and lids admitt, Meter Change lompico. USA locates.																	
THU	8/4/2016			2.00					4.00							2.00		8.00
	Main leak pine street, Gen office, Annual																	
FRI	8/5/2016	6.50		0.50						1.00								8.00
	Gen office, main leak Grove street, Usa locates.																	
MON	8/8/2016			5.00						3.00								8.00
	232 caladonium leak, Lost acres replace pump, Lompico meter change, Turn offs, usa locates.																	
TUE	8/9/2016			1.00					2.00	1.00	3.00					1.00		8.00
	Gen office, Safety meeting, Main leak sweat pea lane, Main leak shadyane, Lompico meter change																	
WED	8/10/2016			2.00	1.00				3.00							2.00		8.00
HRS		6.50		10.50	1.00				13.00	1.00	3.00					5.00		40.00
ACCT #S		01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001			

73.5 Reg
6.5 Annual

EMPLOYEE
SIGNATURE:

Leonard Kuhnlein

APPROVED
BY:

[Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>8/17/2016</u>
PREPARED BY	<u>138</u>

DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	service 530 alder
Main leak Paone, Leak riverside park, Gen office, Lompico Meter change.																
THU	8/11/2016			2.00					4.00						2.00	8.00
Gen office, Main leak willowbrook, Rwd Park booster, IT6 cleanup, USA locates. Lompico meter change																
FRI	8/12/2016			1.00					3.00		3.00				1.00	8.00
Gen office, leak 10607 Lomita, Pressure problem Lake Blvd, Leak investigation 444 whispering pines.																
MON	8/15/2016			2.00					6.00							8.00
Gen office, Main Leak e.Zayante, Main leak willowbrook. Lompico meter change.																
TUE	8/16/2016			2.00					4.00						2.00	8.00
Safety meeting, Gen office, Leak 422 High street, leak investigation Hwy 9, Lompico meters. Basins Plant.																
WED	8/17/2016			1.00					4.00		1.00				2.00	8.00
HRS				8.00					21.00		4.00				7.00	40.00
ACCT #S		01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001	

EMPLOYEE

SIGNATURE:

Leonard Kuhnlein

452

APPROVED

BY:

[Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Don Long</u>
PERIOD ENDING	<u>8.17.16</u>
PREPARED BY	<u>209</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129		
	lompico meter change / leak repair Paone.																	
THU	8/4									2						6		8
	Annual																	
FRI	8/5	8																8
	Annual																	
MON	8/8	8																8
	lompico meter change																	
TUE	8/9															8		8
	Safety meeting / cleanup / meeting / lompico meter change																	
WED	8/10				1	1										6		8
HRS		16			1	1				2						20		40
ADCT #S																		

EMPLOYEE
SIGNATURE: 453



APPROVED
BY:



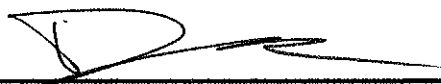
64 Reg
16 Annual
1575 OT
17.5 OB

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Don Long</u>
PERIOD ENDING	<u>8.17.16</u>
PREPARED BY	<u>209</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	lompico		
	lompico meter change																		
THU	8/11															8			8
	Willowbrook leak repair																		
FRI	8/12								8										8
	lompico flushing on lake Blvd, low pressures / cleanup spoil. lompico																		
MON	8/15																8		8
	main repair Zayante / Willowbrook concrete / manana / Beth 125																		
TUE	8/16								8										8
	Safety meeting / cleanup / leak repair 422 High st. / leak repair McKinley / Basin's																		
WED	8/17				1	1			6										8
HRS					1	1			22							8	8		40
ACCT #S																			

EMPLOYEE
SIGNATURE: 454



APPROVED
BY:



SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Andy Rodustelli</u>
PERIOD ENDING	<u>8-17-16</u>
PREPARED BY	<u>155</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER				
		Annual																	
THU	8-11	8																	8
		Annual																	
FRI	8-12	8																	8
MON	8-15																		8
TUE	8-16									2									8
WED	8-17					1													8
HRS		16				1													40
ACCT #S																			

COP LUC 199

EMPLOYEE SIGNATURE: Andy Rodustelli

APPROVED BY: [Signature]

SH

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Beau Sifton</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>213</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO. 129		
	5 mile Endpoints / Meter Boxes and Lids from Admin to Qua. 15																	
THU	8/4/16									6						2		8
	Off Annual																	
FRI	8/5/16	8																8
	Leak Repair Grove St. / Leak Investigation Sweet Pea Boxes & Lids to Qua. 15																	
MON	8/8/16									4					4			8
	Lost Acres Booster Pump / Paso 6 Generator Moved / 232 Caledonia Leak																	
TUE	8/9/16									8								8
	Meeting / Clean-up / 160 Sweet Pea Leak Repair / Shady Lane Leak Repair																	
WED	8/10/16				1					7								8
HRS		8			1					25						6		40
ACCT #S																		

EMPLOYEE
SIGNATURE

Beau Sifton

APPROVED
BY:

[Signature]

72 Reg
8 Annual

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Beau Sifton</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>213</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Comps		
THU	8/11/16									8								8
Meter Valve + Meter Set Featherston / Leak Repair 212 Riverside Park Dr.																		
FRI	8/12/16									8								8
Leak Repair 175 Willowbrook																		
MON	8/15/16															8		8
Flushing on Lake Low Pressures / Lonita Compaction + Spoils Clean-up																		
TUE	8/16/16									8								8
East Zayante Bridge Leak Repair / Concrete Patch on Willowbrook / Manana Well																		
WED	8/17/16				1	1				6								8
Safety Meeting / Clean-Up / Leak Repair 422 High St. / Leak Repair McKinley / Lyn Basin																		
HRS					1	1				30						8		40
ACCT #S																		

EMPLOYEE
SIGNATURE

Beau Sifton

APPROVED
BY:

[Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Angela Vaccaro</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico 20-29		
THU	8/4									0								8
FRI	8/5	2.5							5 1/2									5 1/2
MON	8/8															0		8
TUE	8/9															8		8
WED	8/10					1										8		8
HRS		2.5				1			13 1/2							24		40
ACCT #'S																		

EMPLOYEE
SIGNATURE

[Handwritten Signature]

APPROVED
BY:

[Handwritten Signature]

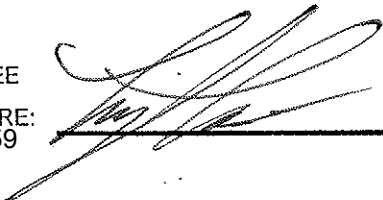
69.5 Reg
10.5 Annual

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

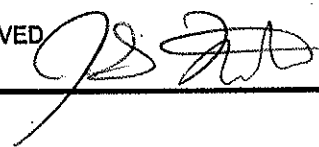
NAME:	<u>Taylor Lougalio</u>
PERIOD ENDING	<u>8/17/16</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico		
	<i>Lompico Meter Change</i>																	
THU	8/11			3												5		7
	<i>D.L.</i>																	
FRI	8/12	8																8
	<i>Lompico Meter Change</i>																	
MON	8/15															8		8
	<i>Lompico Meter change</i>																	
TUE	8/16															8		8
	<i>Lompico Meter change</i>																	
WED	8/17			1												57		8
HRS		8		4												28		40
ACCT #S																		

EMPLOYEE
SIGNATURE:
459



APPROVED
BY:



SH

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Ricardo Villa</u>
PERIOD ENDING	<u>AUG-10-2016</u>
PREPARED BY	<u>216</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	VO # 129	Temp		
	Lompico METER CHANGE																		
THU	8-4															8			8
	48 HR TAGS																		
FRI	8-5															8	8		8
	Lompico METER CHANGE																		
MON	8-8															8			8
	Lompico METER CHANGE																		
TUE	8-9															8			8
	Lompico METER CHANGE																		
WED	8-10					1										7			8
HRS						1										39	8		40
ACCT #'S																31			

80 Reg
3.507

EMPLOYEE SIGNATURE: Ricardo Villa 466 107

APPROVED BY: [Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**


NAME:	<u>Ricardo Villa</u>
PERIOD ENDING	<u>08-17-16 08-17-16</u>
PREPARED BY	<u>216</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	NO # 129	Lompico		
	METER READINGS - LOMPICO																		
THU	8-11																8		8
	IT 6 - Redwood REDWOOD PARK Reservoir																		
FRI	8-12										8								8
	METER CHANGE - Lompico																		
MON	8-15															8			8
	LOMPICO - METER CHANGE																		
TUE	8-16															8			8
	LOMPICO - METER CHANGE																		
WED	8-17															8			8
HRS											8					24	8		40
ACCT #S																			

EMPLOYEE
SIGNATURE:
461

Ricardo Villa

APPROVED
BY:



SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

SH

NAME Rachel Munoz

EMPLOYEE # 90 GL #: 01-02-5001 PP ENDING 8/31/2016

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	08/18/16	6			2	8
FRI	08/19/16	6			2	8
MON	08/22/16	6			2	8
TUE	08/23/16	6			2	8
WED	08/24/16	6			2	8
HRS		30	0	0	10	40

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	08/25/16	6			2	8
FRI	08/26/16	6			2	8
MON	08/29/16	6			2	8
TUE	08/30/16	6			2	8
WED	08/31/16	6			2	8
HRS		30	0	0	10	40

PAYROLL TOTALS:		60	0	0	20	80
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EMPLOYEE SIGNATURE:

Rachel Munoz

80 Reg

APPROVED BY:

SA

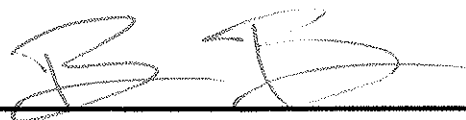
SH

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

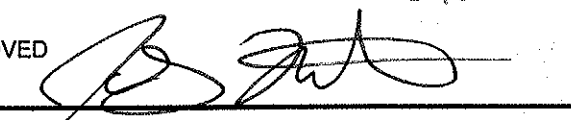
NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-31-16</u>
PREPARED BY	<u>712</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	121 ON			
	<i>Lompico Meter change</i>																		
THU	8-18															8			8
	<i>" " " "</i>																		
FRI	8-19															8			8
	<i>" " " "</i>																		
MON	8-22															8			8
	<i>" " " "</i>																		
TUE	8-23															8			8
	<i>Safety Meeting - Lompico Meter change</i>																		
WED	8-24					1										7			8
HRS																			40
ACCT #S																			

EMPLOYEE
SIGNATURE: 463



APPROVED
BY:



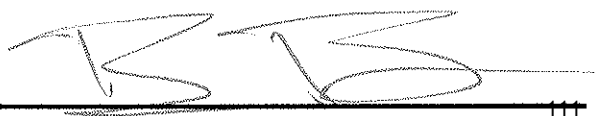
80 Reg
275 OT

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

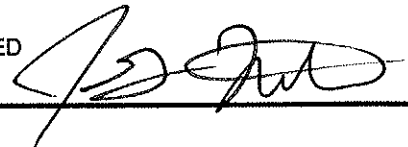
NAME:	<u>Ben Beasley</u>
PERIOD ENDING	<u>8-31-16</u>
PREPARED BY	<u>212</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WATER	Lompico			
THU	8-25																			8
Lompico Meter change																				
FRI	8-26																			8
Lompico Meter change																				
MON	8-29											2	2							8
Service leak west park - Lyon Basins - Blackstone brush - visitor service leak																				
TUE	8-30											3								8
Visitor Service leak - Bait Stations																				
WED	8-31				1															8
10581 visitor main leak. supply meters clear-up.																				
HRS					1				2		5	2				16	14			40
ACCT #S																				

EMPLOYEE
SIGNATURE:
464



APPROVED
BY:





**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Joe Davis</u>
PERIOD ENDING	<u>8/31/16</u>
PREPARED BY	<u>207</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WATER			
	Annual																		
THU	8/18	8																	8
	Annual																		
FRI	8/19	8																	8
	Lompico Meter Change Out																		
MON	8/22														8				8
	Lompico meter change out																		
TUE	8/23														8				8
	Safety meeting/Cleanup/ Lompico change out																		
WED	8/24				.5	.5									7				8
HRS		16			.5	.5									23				40
ACCT #S																			

64 Reg
16 Annual

EMPLOYEE
SIGNATURE: Joe Davis
465

APPROVED
BY: [Signature]

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Joe Davis</u>
PERIOD ENDING	<u>8/31/16</u>
PREPARED BY	<u>207</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER			
	Lompico meter change out																	
THU	8/25														8			8
	Lompico meter change out																	
FRI	8/26														8			8
	Lompico meter change out																	
MON	8/29														8			8
	Lompico Meter change out																	
TUE	8/30														8			8
	Safety meeting/clean up/LK repair Hwy 9																	
WED	8/31				.5	.5				7								8
HRS					.5	.5				7					32			40
ACCT #S																		

EMPLOYEE
SIGNATURE: Joe Davis
466

APPROVED
BY: [Signature]



**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>8/24/2016</u>
PREPARED BY	<u>138</u>

DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	Lompico	
Leak 10365 Lake ave, service leak 677 west drive, Gen office Lompico meters																	
THU 8/18/2016			2.00					4.00							2.00		8.00
Annual																	
FRI 8/19/2016	8.00																8.00
Lompico office cleanup Gen office.																	
MON 8/22/2016	3.50		0.50													4.00	8.00
Air releifs lompico, Main leak sunbeam, usa locates, Lompico meters. Gen office																	
TUE 8/23/2016			2.00					2.00							1.00	3.00	8.00
Safety meeting, Main leak sunbeam, Pressure problem lake blvd. Lompico meters.																	
WED 8/24/2016			1.00					2.00							2.00	3.00	8.00
HRS	11.50		5.50					8.00							5.00	10.00	40.00
ACCT #S	01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001			

68.5 Reg
11.5 Annual

EMPLOYEE
SIGNATURE

Leonard Kuhnlein

APPROVED
BY:

[Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>8/31/2016</u>
PREPARED BY	<u>138</u>

DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO 129	service 530 alder
Gen office, cleanup opps, Main leak old county, Main leak alba, Lompico meters,																
THU	8/25/2016			2.00					4.00						2.00	8.00
Leak repair hwy9 BC, west parl leak, USA locales, Gen office.																
FRI	8/26/2016			3.00					5.00							8.00
.Main leak west park, Blackstone booster, 230 shady lane leak, Lompico meters. Gen office.																
MON	8/29/2016			2.00				3.00		1.00					2.00	8.00
Main leak visatar, service line leak oak st., gen office,																
TUE	8/30/2016			3.00				5.00								8.00
Gen office, safety meeting, Leak bear creek, Main leak 16235 Hwy 9. Paso 5 maintanance.																
WED	8/31/2016			2.00	1.00			3.00		2.00						8.00
HRS				12.00	1.00			20.00		3.00					4.00	40.00
ACCT #S																
	01-04-5701															
	01-04-5701															
	01-2229															
	01-04-5701															
	01-04-5701															
	01-08-5101															
	01-04-5201															
	01-08-5301															
	01-04-5401															
	01-04-5501															
	01-04-5601															
	01-08-5801															
	01-04-5901															
	02-06-5001															

EMPLOYEE SIGNATURE: Leonard Kuhnlein 466 115

APPROVED BY: [Signature]

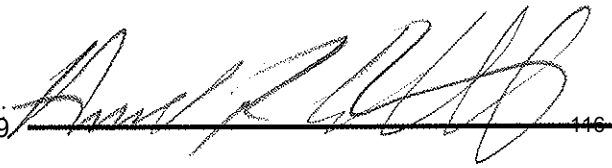
**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Amy Robustelli</u>
PERIOD ENDING	<u>8-31-16</u>
PREPARED BY	<u>ISS</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico COP work		
																Lompico COP		
THU	8-18															8		8
																Lompico COP		
FRI	8-19															8		8
																Lompico COP		
MON	8-22															8		8
																Lompico COP		
TUE	8-23															8		8
																Safety meeting CLEANUP		Lompico COP
WED	8-24					1										7		8
						1										39		40
HRS																		
ACCT #S																		

80 Reg

EMPLOYEE SIGNATURE: 

APPROVED BY: 

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

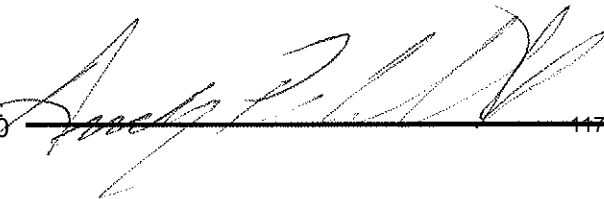
NAME:	<u>Anny Porustelli</u>
PERIOD ENDING	<u>8-31-16</u>
PREPARED BY	<u>155</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Comp'd work	COP	WOTR		
THU	8-25															8				8
																Comp'd COP				
FRI	8-26															8				8
																Comp'd COP				
MON	8-29															8				8
																Comp'd COP				
TUE	8-30															8				8
																TANK RESTRAINTS / SAFETY MEETING				
WED	8-31					1														8
HRS						1						7				32				40
ACCT #S																				

EMPLOYEE

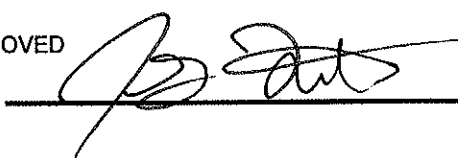
SIGNATURE

470



APPROVED

BY:



**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Beau Sifton</u>
PERIOD ENDING	<u>8/31/16</u>
PREPARED BY	<u>213</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	NO IZR	Lompico		
	Locates / Tags / Made Nipples for Lompico COP																		
THU	8/18/16									5	2					1			8
	Leak Repair Hwy 9 / Tags / Checked in Parts (12120) Coleman																		
FRI	8/19/16									6	2								8
	Lompico Office Clean-up and Haul Away / Sunbeam																		
MON	8/22/16									2							6		8
	Lompico Flushing and Air Reliefs																		
TUE	8/23/16																8		8
	Safety meeting / Clean-up / Leak Repair Sunbeam																		
WED	8/24/16				1	1				6									8
HRS					1	1				19	4					1	14		40
ACCT #S																			

EMPLOYEE
SIGNATURE: Beau Sifton
471

APPROVED
BY: [Signature]

72 Reg
8 Annual

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u><i>Taylor</i></u>
PERIOD ENDING	<u>8/31</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	<i>Lompico Water</i>			
THU	<i>8/18</i>															<i>8</i>		<i>8</i>	
<i>Lompico Meter change</i>																			
FRI	<i>8/19</i>															<i>8</i>		<i>8</i>	
<i>Lompico Meter change</i>																			
MON	<i>8/22</i>															<i>8</i>		<i>8</i>	
<i>Lompico Meter Change</i>																			
TUE	<i>8/23</i>															<i>8</i>		<i>8</i>	
<i>Lompico Meter Change</i>																			
WED	<i>8/24</i>															<i>7</i>		<i>8</i>	
<i>Safety Meeting / Lompico Meter Change</i>																			
HRS					<i>1</i>											<i>39</i>		<i>40</i>	
ACCT #S																			

80 Reg

EMPLOYEE SIGNATURE: *[Signature]*
472

APPROVED BY: *[Signature]*

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	
PERIOD ENDING	<u>8/31</u>
PREPARED BY	<u>217</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	<i>Lompico</i>		
THU	<u>8/25</u>																	<u>8</u>
<i>Lompico Meter Change</i>																		
FRI	<u>8/26</u>																	<u>8</u>
<i>Lompico Meter Change</i>																		
MON	<u>8/29</u>																	<u>8</u>
<i>Lompico Meter Change</i>																		
TUE	<u>8/30</u>																	<u>8</u>
<i>Safety meeting / clean up / Leak Bar creek Rd.</i>																		
WED	<u>8/31</u>																	<u>8</u>
HRS																		<u>32</u>
ACCT #S																		<u>40</u>

EMPLOYEE
SIGNATURE:
473

APPROVED
BY:

**SAN LORENZO VALLEY WATER DISTRICT
DAILY TIME SHEET
DISTRIBUTION PERSONNEL**

SH

NAME:	<u>Ricardo Villa</u>
PERIOD ENDING	<u>08-24-16</u>
PREPARED BY	<u>216</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO #129	Lompico		
		METER CHANGE - Lompico																	
THU	08-18															8			8
		METER CHANGE - Lompico																	
FRI	08-19															8			8
		METER CHANGE - Lompico																	
MON	08-22															8			8
		METER CHANGE - Lompico																	
TUE	08-23															8			8
		SAFETY MEETING - METER CHANGE - Lompico																	
WED	08-24					1										7			8
HRS						1										39			40
ACCT #S																			

80 Reg

EMPLOYEE
SIGNATURE:
474

Ricardo Villa

APPROVED
BY:

[Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	Ricardo Villa
PERIOD ENDING	08-31-2016
PREPARED BY	216

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	NO #129		
	METER CHANGE - Lompico																	
THU	08-25															8		8
	METER CHANGE - Lompico																	
FRI	08-26															8		8
	METER CHANGE - Lompico																	
MON	08-29															8		8
	METER CHANGE - Lompico																	
TUE	08-30															8		8
	180 BEAR RD - PASO 5																	
WED	08-31					1			2		5							8
HRS						1			2		5					32		40
ACCT #S																		

EMPLOYEE
SIGNATURE:
475

Ricardo Villa

APPROVED
BY:

[Signature]

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

SH

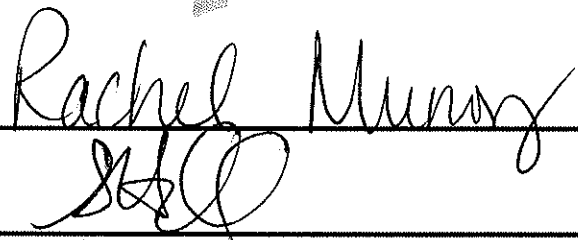
NAME Rachel Munoz

EMPLOYEE # 90 GL #: 01-02-5001 PP ENDING 9/14/2016

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	09/01/16	6			2	8
FRI	09/02/16	0			5.5	5.5
MON	09/05/16	0		8	0	8
TUE	09/06/16	6			2	8
WED	09/07/16	6			2	8
HRS		18	0	8	11.5	37.5

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	09/08/16	6			2	8
FRI	09/09/16	6			2	8
MON	09/12/16	0			0	0
TUE	09/13/16	0			0	0
WED	09/14/16	0			0	0
HRS		12	0	0	4	16

PAYROLL TOTALS:		30	0	8	15.5	53.5
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EMPLOYEE SIGNATURE: Rachel Munoz

 APPROVED BY: _____

45.5 Reg
8 Holiday

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

NAME Rachel Munoz

EMPLOYEE # 90 GL #: 01-02-5001 PP ENDING 9/28/2016

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	09/15/16	2			6	8
FRI	09/16/16	2			6	8
MON	09/19/16	2			6	8
TUE	09/20/16	2			6	8
WED	09/21/16	2			6	8
HRS		10	0	0	30	40

	DATE	LOMPICO	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	09/22/16	4			4	8
FRI	09/23/16	4			4	8
MON	09/26/16	0			0	0
TUE	09/27/16	2			6	8
WED	09/28/16	2			6	8
HRS		12	0	0	20	32

PAYROLL TOTALS:		22	0	0	50	72
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EMPLOYEE SIGNATURE:

Rachel Munoz

72 Reg

(Handwritten mark)

APPROVED BY:

(Signature)

SAN LORENZO VALLEY WATER DISTRICT

OVERTIME

TIME SHEET

DOUBLE TIME

DISTRIBUTION PERSONNEL

STAND-BY

NAME: James Furtado

DATE: 9/27/2016

Description	Time				Account No.	Hours
	Start		End			
Trouble Shooting Badger meters with Representative	am		am		0104-8803	2
	pm	3	pm	5		
	am		am			
	pm		pm			
	am		am			
	pm		pm			
	am		am			
	pm		pm			
	am		am			
	pm		pm			
TOTAL HOURS						2

SIGNATURE: 

PREPARED BY: #208

APPROVED BY: 

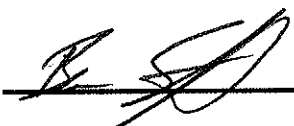
REMARKS: _____

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

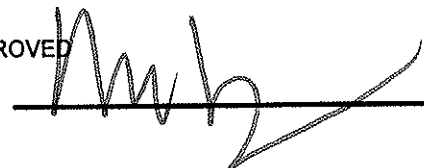
NAME:	<u>Beau Sifton</u>
PERIOD ENDING	<u>9/28/16</u>
PREPARED BY	<u>213</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	Lompico 180	WO 129		
	Leak Repair Mitchell / Main Lowered 345 Felton Empire / Locates																		
THU	9/15/16								8										8
	Lompico Valve ^{Road} Valve LOMGEN LOMEXP																		
FRI	9/16/16															8			8
	Leak Repair 920 Creek / Panel Removal + Weed Wacking @ Probation Tank - Lompico Meter Change																		
MON	9/19/16								4		2						2		8
	Leak Repair Glenwood / Leak Repair Boulder St.																		
TUE	9/20/16								8										8
	Safety Meeting / Clean-Up / Blackstone Tank Line / Hermosa Leak Repair																		
WED	9/21/16	4			1	1				2									8
HRS		4			1	1				22	2					8	2		40
ACCT #S																LOMEXP			

EMPLOYEE
SIGNATURE: _____
479



APPROVED
BY: _____



76 Reg
4 Annual
1 OT
98

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

NAME Rachel Munoz

EMPLOYEE # 98 GL #: 01-02-5001 PP ENDING 10/12/2016

	DATE	LOMPICO -ADMIN	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	09/29/16				6.5	6.5
FRI	09/30/16				8	8
MON	10/03/16				8	8
TUE	10/04/16				8	8
WED	10/05/16				8	8
HRS		0	0	0	38.5	38.5

	DATE	LOMPICO -ADMIN	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	10/06/16				8	8
FRI	10/07/16				6	6
MON	10/10/16				8	8
TUE	10/11/16	2			6	8
WED	10/12/16				8	8
HRS		2	0	0	36	38

PAYROLL TOTALS:		2	0	0	74.5	76.5
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EMPLOYEE SIGNATURE: Rachel Munoz

76.5
SH

APPROVED BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT DAILY TIME SHEET DISTRIBUTION PERSONNEL

NAME:	<u>Leonard Kuhnlein</u>
PERIOD ENDING	<u>10/12/2016</u>
PREPARED BY	<u>138</u>

	DATE	ANNUAL	HOLIDAY	COMP TIME OFF	GEN'L OFFICE	SAFETY MEETING	SUPPLY SOURCE	PUMPING	DISINFECTION	MAINS/SYSTEM	CUSTOMER SVC	FACILITY MAINT.	WTR TRTMT FAC	TANKS/RESVR	WASTEWATER	WO-129	Lompico 181	
	Gen office, Quail 5 check valve, 5mile valve at Lyon Tank. Tressell pass main repair.																	
THU	10/6/2016				3.00					1.00		4.00						8.00
	Gen office, Dead meters, admitt yard, Check valves Lompico.																	
FRI	10/7/2016				3.00						2.00	1.00				2.00		8.00
	Gen office, Hydrant Hwy 9, Usa locates.																	
MON	10/10/2016				5.00					3.00								8.00
	Gen office, USA locates. Lompico hydrant.																	
TUE	10/11/2016				4.00					2.00							2.00	8.00
	Safety meeting, Gen office. Main leak Hwy9 and video9, Hydrant Lompico.																	
WED	10/12/2016				3.50	0.50				2.00							2.00	8.00
HRS					18.50	0.50				8.00	2.00	5.00				2.00	4.00	40.00
ACCT #S		01-04-5701	01-04-5701	01-2229	01-04-5701	01-04-5701	01-08-5101	01-04-5201	01-08-5301	01-04-5401	01-04-5501	01-04-5601	01-08-5801	01-04-5901	02-06-5001			

wool

EMPLOYEE SIGNATURE: Leonard Kuhnlein

APPROVED BY: [Signature]

SAN LORENZO VALLEY WATER DISTRICT

FINANCE PERSONNEL

SH

NAME Rachel Munoz

EMPLOYEE # 98 GL #: 01-02-5001 PP ENDING 11/9/2016

	DATE	Lompico	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	10/27/16	4			4	8
FRI	10/28/16	5			3	8
MON	10/31/16	3			5	8
TUE	11/01/16	3			5	8
WED	11/02/16	5			3	8
HRS		20	0	0	20	40

	DATE	Lompico	ANNUAL	HOLIDAY	GEN'L OFFICE	TOTALS
THU	11/03/16		7.36		0	7.36
FRI	11/04/16				8	8
MON	11/07/16				8	8
TUE	11/08/16	2			6	8
WED	11/09/16	2			6	8
HRS		4	0	0	28	32

PAYROLL TOTALS:		24	7.36	0	48	72
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EMPLOYEE SIGNATURE:

Rachel Munoz

APPROVED BY:

[Signature]

72 Reg

7.36 Annual

M E M O

TO: Board of Directors
FROM: District Manager
SUBJECT: PRELIMINARY BUDGET
DATE: April 20, 2017

RECOMMENDATION:

It is recommended that the Board of Directors review the preliminary budget numbers.

BACKGROUND:

The District goes through an annual budget process where we gather information from managers and forecast revenues and expenditures for an anticipated fiscal budget.

We are currently in the initial phase where we have first round numbers back from the managers that is being reviewed. This makes up the bulk of our operating expenses.

Revenues will be budgeted relatively flat compared to the current year as there are no scheduled rate increases and customer consumption has been relatively consistent.

We will continue to have the budget on the Board and Committee agendas as we progress in this process. This is intended to be an initial snapshot of the process and where some numbers currently stand. We are on target to have a completed package for the June 15th Board meeting.

STRATEGIC PLAN: 5.1 Fiscal Plan for support of Strategy

FISCAL IMPACT: none

DRAFT - OPERATING INCOME/(LOSS)

WATER FUND

Operating Revenue	\$	7,046,000
Operating Expenses	\$	<u>7,140,587</u>
Operating Gain (Loss)	\$	(94,587)

SEWER FUND

Operating Revenue	\$	100,128
Operating Expenses	\$	<u>144,331</u>
Operating Gain (Loss)	\$	(44,203)

The above is the first round unreviewed draft of operating income/loss, excluding depreciation. Considering the new hires and no projected revenue increases, this seems like a good starting place for our budget process.

DRAFT - REVENUE PROJECTIONS

WATER FUND REVENUE

	July	August	September	October	November	December	January	February	March	April	May	June	Totals
Basic	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 290,500	\$ 3,486,000
Usage	\$ 350,000	\$ 385,000	\$ 420,000	\$ 315,000	\$ 280,000	\$ 245,000	\$ 245,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 315,000	\$ 315,000	\$ 3,500,000
	\$ 640,500	\$ 675,500	\$ 710,500	\$ 605,500	\$ 570,500	\$ 535,500	\$ 535,500	\$ 500,500	\$ 500,500	\$ 500,500	\$ 605,500	\$ 605,500	\$ 6,986,000
Consumption Est.	65,000	71,500	78,000	58,500	52,000	45,500	45,500	39,000	39,000	39,000	58,500	58,500	650,000
	10%	11%	12%	9%	8%	7%	7%	6%	6%	6%	9%	9%	
Misc. fees	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 60,000

WATER FUND OPERATING REVENUE

Total	\$ 645,500	\$ 680,500	\$ 715,500	\$ 610,500	\$ 575,500	\$ 540,500	\$ 540,500	\$ 505,500	\$ 505,500	\$ 505,500	\$ 610,500	\$ 610,500	\$ 7,046,000
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SEWR FUND REVENUE

Basic	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 8,344	\$ 100,128
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DRAFT - FIRST ROUND OPEX BUDGET ROLL-UP - UNREVIEWED

Notes

Account	Budget Yr Requested	Description	YTD Annualized or			Two Yr Prior Actuals	Three Yr Prior Actuals	% Change on		Vs. FY1617	
			YTD Feb Actuals	Estimated Annual	2017 Adopted Budget			Est	FY1617 Bud.	Vs. Est Actuals	Bud
5100	\$288,698.00	REGULAR SALARIES	\$168,838.24	\$265,438.00	\$257,045.05	\$236,904.59	\$243,269.80	9%	12%	de minimis	\$31,653
5101	\$10,000.00	DIRECTORS FEES	\$9,475.00	\$14,212.50	\$23,000.00	\$14,550.00	\$19,100.00	-30%	-57%	de minimis	-\$13,000
5120	\$3,500.00	OVERTIME WAGES	\$171.57	\$257.36	\$0.00	\$0.00	\$0.00	1260%	0%	de minimis	de minimis
5140	\$34,692.00	MEDICAL INSURANCE	\$27,396.71	\$41,095.07	\$29,915.00	\$40,900.65	\$36,700.53	-16%	16%	de minimis	de minimis
5141	\$3,085.00	DENTAL INSURANCE	\$1,962.54	\$2,943.81	\$3,159.01	\$3,837.65	\$2,479.40	5%	-2%	de minimis	de minimis
5142	\$465.00	VISION INSURANCE	\$350.88	\$526.32	\$590.18	\$666.51	\$407.50	-12%	-21%	de minimis	de minimis
5143	\$400.00	LIFE INSURANCE	\$266.40	\$399.60	\$599.40	\$597.19	\$457.92	0%	-33%	de minimis	de minimis
5144	\$1,340.00	LONG TERM DISABILITY	\$549.41	\$824.12	\$1,285.23	\$1,209.72	\$903.94	63%	4%	de minimis	de minimis
5145	\$1,520.00	WORKERS COMPENSATION	\$1,926.19	\$2,889.29	\$1,465.16	\$2,527.69	\$1,932.64	-47%	4%	de minimis	de minimis
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$126.00	\$19.08	\$28.64	0%	-100%	de minimis	de minimis
5147	\$19,000.00	RETIRED EMPLOYEE MEDICAL	\$9,572.54	\$14,358.81	\$17,000.00	\$13,706.40	\$11,740.79	32%	12%	de minimis	de minimis
5150	\$39,393.00	PERS - RETIREMENT	\$159,979.88	\$170,000.00	\$33,014.00	\$27,908.67	\$22,178.41	-77%	19%	-\$130,607	de minimis
5160	\$14,887.00	FICA - SOCIAL SECURITY	\$6,091.25	\$9,136.88	\$10,512.00	\$13,106.56	\$12,449.45	63%	42%	de minimis	de minimis
5161	\$4,382.00	MEDICARE	\$2,596.97	\$3,895.46	\$3,227.00	\$3,578.64	\$3,611.09	12%	36%	de minimis	de minimis
5170	\$2,000.00	OTHER PAYROLL CHARGES	\$722.60	\$1,083.90	\$2,000.00	\$18,240.94	\$22,801.10	85%	0%	de minimis	de minimis
5171	\$1,000.00	UNIFORMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis
5172	\$0.00	CERTIFICATIONS	\$116.00	\$174.00	\$0.00	\$0.00	\$0.00	-100%	0%	de minimis	de minimis
5181	\$30,000.00	OPEB EXPENSE GASB 45	\$0.00	\$0.00	\$40,000.00	\$24,203.27	\$19,219.86	0%	-25%	de minimis	de minimis
5200	\$115,000.00	CONTRACT/PROFESSIONAL SERVICES	\$159,412.31	\$239,118.47	\$285,200.00	\$166,389.18	\$124,841.18	-52%	-60%	-\$124,118	-\$170,200
5210	\$120,000.00	LEGAL SERVICES	\$156,479.36	\$234,719.04	\$80,000.00	\$82,177.57	\$114,362.66	-49%	50%	-\$114,719	\$40,000
5320	\$1,000.00	RENTALS/LEASES/PERMITS	\$777.39	\$1,166.09	\$1,000.00	\$2,987.22	\$1,847.62	-14%	0%	de minimis	de minimis
5420	\$23,600.00	BUILD MAINT-SERVICES & SUPPLYS	\$9,692.00	\$17,538.00	\$15,000.00	\$56,460.43	\$25,824.89	35%	57%	de minimis	de minimis
5500	\$12,000.00	UTILITIES - DISTRICT OFFICE	\$5,767.59	\$8,651.39	\$12,000.00	\$17,411.44	\$10,472.33	39%	0%	de minimis	de minimis
5510	\$18,000.00	TELEPHONE/COMMUNICATIONS	\$10,400.29	\$15,600.44	\$18,000.00	\$20,548.23	\$19,969.39	15%	0%	de minimis	de minimis
5600	\$10,000.00	OFFICE SUPPLIES	\$6,047.49	\$9,071.24	\$10,000.00	\$10,967.36	\$24,513.15	10%	0%	de minimis	de minimis
5620	\$0.00	WATER CONSERVATION PROGRAM	\$3,206.39	\$4,809.59	\$0.00	\$0.00	\$80,196.77	-100%	0%	de minimis	de minimis
5622	\$0.00	EDUCATION PROGRAM	\$0.00	\$0.00	\$0.00	\$5,900.00	\$4,375.00	0%	0%	de minimis	de minimis
5630	\$10,000.00	TRAINING, CONFERENCES & MEETINGS	\$3,840.04	\$5,760.06	\$15,000.00	\$12,878.99	\$11,599.67	74%	-33%	de minimis	de minimis
5631	\$35,000.00	MEMBERSHIP & DUES	\$24,678.00	\$37,017.00	\$40,000.00	\$28,714.90	\$12,319.83	-5%	-13%	de minimis	de minimis
5632	\$1,000.00	SUBSCRIPTIONS/BOOKS	\$1,091.87	\$1,637.81	\$500.00	\$1,310.47	\$1,569.80	-39%	100%	de minimis	de minimis
5633	\$0.00	EMPLOYEE RECOGNITION PROGRAM	\$0.00	\$0.00	\$0.00	\$27.17	\$176.27	0%	0%	de minimis	de minimis
5634	\$4,200.00	AUTO ALLOWANCE	\$0.00	\$0.00	\$4,200.00	\$0.00	\$1,275.80	0%	0%	de minimis	de minimis
5640	\$5,000.00	ADVERTISING	\$2,540.47	\$3,810.71	\$5,000.00	\$7,251.74	\$4,843.96	31%	0%	de minimis	de minimis
5650	\$5,000.00	POSTAGE	\$2,162.37	\$3,243.56	\$13,000.00	\$11,832.38	\$86.71	54%	-62%	de minimis	de minimis
5660	\$80,000.00	INSURANCE - PROPERTY	\$63,332.61	\$65,000.00	\$110,000.00	\$53,064.33	\$54,487.87	23%	-27%	\$15,000	-\$30,000
											FY1617 budgeted for some unknowns, was over budgeted
ADMINISTRATIVE	\$894,162.00		\$839,444.36	\$1,174,378.45	\$1,031,838.03	\$879,878.97	\$890,043.97	-24%	-13%	-\$280,216	-\$137,676
5100	\$697,842.00	REGULAR SALARIES	\$232,093.46	\$470,000.00	\$358,536.94	\$374,666.86	\$374,630.60	48%	95%	\$227,842	\$339,305
5120	\$0.00	OVERTIME WAGES	\$21.72	\$32.58	\$0.00	\$1,050.55	\$0.00	-100%	0%	de minimis	de minimis
5140	\$153,800.00	MEDICAL INSURANCE	\$60,801.14	\$91,201.71	\$68,945.00	\$55,182.45	\$41,010.59	69%	123%	\$62,598	\$84,855
5141	\$14,677.00	DENTAL INSURANCE	\$6,827.59	\$10,241.39	\$6,859.13	\$8,143.23	\$4,567.62	43%	114%	de minimis	de minimis
5142	\$2,192.00	VISION INSURANCE	\$1,220.70	\$1,831.05	\$1,180.37	\$1,086.40	\$874.10	20%	86%	de minimis	de minimis
5143	\$1,798.00	LIFE INSURANCE	\$749.25	\$1,123.88	\$1,198.80	\$1,093.07	\$762.54	60%	50%	de minimis	de minimis
5144	\$3,783.00	LONG TERM DISABILITY	\$1,152.88	\$1,729.32	\$1,792.68	\$1,841.31	\$1,386.77	119%	111%	de minimis	de minimis
5145	\$12,871.00	WORKERS COMPENSATION	\$5,373.44	\$8,060.16	\$4,087.31	\$2,593.65	\$1,984.08	60%	215%	de minimis	de minimis
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$252.00	\$52.47	\$57.24	0%	-100%	de minimis	de minimis
5150	\$74,190.00	PERS - RETIREMENT	\$42,232.30	\$63,000.00	\$24,468.00	\$36,536.70	\$30,232.75	18%	203%	\$11,190	\$49,722
5160	\$42,630.00	FICA - SOCIAL SECURITY	\$14,505.98	\$32,000.00	\$22,229.23	\$22,690.83	\$21,929.93	33%	92%	\$10,630	\$20,401
5161	\$10,119.00	MEDICARE	\$3,392.45	\$7,000.00	\$5,198.77	\$5,306.64	\$5,128.69	45%	95%	de minimis	de minimis
5171	\$900.00	UNIFORMS	\$150.00	\$225.00	\$0.00	\$0.00	\$0.00	300%	0%	de minimis	de minimis
5200	\$85,000.00	CONTRACT/PROFESSIONAL SERVICES	\$60,985.04	\$91,477.56	\$82,000.00	\$80,167.06	\$44,344.01	-7%	4%	de minimis	de minimis
5201	\$22,500.00	AUDIT SERVICES	\$23,054.30	\$34,581.45	\$24,000.00	\$22,600.00	\$53,402.00	-35%	-6%	-\$12,081	de minimis
5310	\$500.00	EQUIP NON-CAP	\$702.77	\$1,054.16	\$0.00	\$2,355.21	\$0.00	-53%	0%	de minimis	de minimis
5600	\$10,000.00	OFFICE SUPPLIES	\$697.40	\$1,046.10	\$12,000.00	\$9,428.16	\$18,809.37	856%	-17%	de minimis	de minimis
5610	\$100,000.00	BANK CHARGES	\$57,516.38	\$86,274.57	\$50,400.00	\$65,412.53	\$30,641.42	16%	98%	\$13,725	\$49,600
5611	\$7,500.00	BAD DEBTS	\$10,468.70	\$15,703.05	\$6,000.00	\$562.12	\$0.00	-52%	25%	de minimis	de minimis
5630	\$2,500.00	TRAINING, CONFERENCES & MEETINGS	\$2,084.59	\$3,126.89	\$2,000.00	\$618.07	\$1,774.31	-20%	25%	de minimis	de minimis
5632	\$250.00	SUBSCRIPTIONS/BOOKS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis
5650	\$34,000.00	POSTAGE	\$20,392.78	\$30,589.17	\$35,900.00	\$35,628.07	\$50,359.16	11%	-5%	de minimis	de minimis
FINANCE & BUSINESS SERVICES	\$1,277,052.00		\$544,422.87	\$950,298.02	\$707,048.23	\$727,015.38	\$681,895.18	34%	81%	\$326,754	\$570,004

New Hire: Est. \$67K, Reorg of 2 employees from Dept 400 to 200: \$150K, Full year of FY1617

new hire: \$25K

Similar to above, 1 new hire, 2 switching dept, 1 current employee getting coverage

FY1617 had Lompico audit fees

DRAFT - FIRST ROUND OPEX BUDGET ROLL-UP - UNREVIEWED

Notes

Account	Budget Yr Requested	Description	YTD Annualized or			Two Yr Prior Actuals	Three Yr Prior Actuals	% Change on		Vs. FY1617		Notes
			YTD Feb Actuals	Estimated Annual	2017 Adopted Budget			Est	FY1617 Bud.	Vs. Est Actuals	Bud	
5100	\$78,664.00	REGULAR SALARIES	\$0.00	\$30,000.00	\$106,552.68	\$112,075.78	\$106,320.97	162%	-26%	\$48,664	-\$27,889	Full year of GIS new hire during FY1617
5140	\$9,637.00	MEDICAL INSURANCE	\$733.39	\$3,000.00	\$16,681.04	\$11,999.29	\$15,225.47	221%	-42%	de minimis	de minimis	
5141	\$747.00	DENTAL INSURANCE	\$60.75	\$91.13	\$1,364.96	\$1,093.05	\$1,270.77	720%	-45%	de minimis	de minimis	
5142	\$134.00	VISION INSURANCE	\$0.00	\$0.00	\$205.38	\$163.00	\$179.30	0%	-35%	de minimis	de minimis	
5143	\$200.00	LIFE INSURANCE	\$16.65	\$24.98	\$199.80	\$166.50	\$199.79	701%	0%	de minimis	de minimis	
5144	\$472.00	LONG TERM DISABILITY	\$41.45	\$62.18	\$532.76	\$309.60	\$358.97	659%	-11%	de minimis	de minimis	
5145	\$471.00	WORKERS COMPENSATION	\$798.46	\$1,197.69	\$607.35	\$742.49	\$568.24	-61%	-22%	de minimis	de minimis	
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$42.00	\$9.54	\$19.08	0%	-100%	de minimis	de minimis	
5150	\$5,139.00	PERS - RETIREMENT	\$8,821.59	\$10,750.00	\$19,819.00	\$11,730.35	\$10,972.73	-52%	-74%	de minimis	-\$14,680	
5160	\$4,877.00	FICA - SOCIAL SECURITY	\$0.00	\$2,100.00	\$6,606.27	\$6,898.74	\$6,078.57	132%	-26%	de minimis	de minimis	
5161	\$1,141.00	MEDICARE	\$0.00	\$475.00	\$1,545.01	\$1,613.38	\$1,421.59	140%	-26%	de minimis	de minimis	
5171	\$150.00	UNIFORMS	\$0.00	\$0.00	\$675.00	\$739.48	\$522.04	0%	-78%	de minimis	de minimis	
5200	\$20,000.00	CONTRACT/PROFESSIONAL SERVICES	\$3,165.49	\$4,748.24	\$10,000.00	\$12,658.49	\$3,530.28	321%	100%	\$15,252	de minimis	
5310	\$1,000.00	EQUIP NON-CAP	\$0.00	\$0.00	\$6,000.00	\$0.00	\$5,564.58	0%	-83%	de minimis	de minimis	
5410	\$500.00	MAINT & OPERATIONS OF VEHICLES	\$0.00	\$0.00	\$2,000.00	\$1,061.41	\$5,397.66	0%	-75%	de minimis	de minimis	
5510	\$3,000.00	TELEPHONE/COMMUNICATIONS	\$597.79	\$896.69	\$3,000.00	\$1,855.62	\$1,159.97	235%	0%	de minimis	de minimis	
5600	\$750.00	OFFICE SUPPLIES	\$0.00	\$0.00	\$750.00	\$485.52	\$540.74	0%	0%	de minimis	de minimis	
5630	\$1,200.00	TRAINING, CONFERENCES & MEETINGS	\$0.00	\$0.00	\$1,200.00	\$0.00	\$356.22	0%	0%	de minimis	de minimis	
5631	\$1,500.00	MEMBERSHIP & DUES	\$646.02	\$969.03	\$1,500.00	\$628.20	\$591.36	55%	0%	de minimis	de minimis	
5632	\$250.00	SUBSCRIPTIONS/BOOKS	\$0.00	\$0.00	\$250.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis	
ENGINEERING	\$129,832.00		\$14,881.59	\$54,314.92	\$179,531.25	\$164,230.44	\$160,278.33	139%	-28%	\$75,517	-\$49,699	
5100	\$920,113.00	REGULAR SALARIES	\$622,173.64	\$982,000.00	\$1,005,218.62	\$914,029.00	\$946,313.33	-6%	-8%	de minimis	de minimis	Reorg of 2 employees from Dept 400 to 200: -\$150K, full year hire from FY1617: \$35K (other 50% in Dept 800)
5120	\$30,000.00	OVERTIME WAGES	\$33,123.24	\$49,684.86	\$36,000.00	\$34,360.78	\$48,647.48	-40%	-17%	-\$19,685	de minimis	
5130	\$24,024.00	STANDBY	\$13,083.80	\$19,625.70	\$27,000.00	\$21,180.90	\$16,959.19	22%	-11%	de minimis	de minimis	
5140	\$205,490.00	MEDICAL INSURANCE	\$166,413.63	\$240,000.00	\$205,918.00	\$202,465.73	\$182,084.38	-14%	0%	-\$34,510	de minimis	Similar to above
5141	\$20,894.00	DENTAL INSURANCE	\$15,923.19	\$23,884.79	\$21,611.89	\$23,226.10	\$18,606.34	-13%	-3%	de minimis	de minimis	
5142	\$3,000.00	VISION INSURANCE	\$2,315.20	\$3,472.80	\$3,751.52	\$3,213.48	\$2,593.01	-14%	-20%	de minimis	de minimis	
5143	\$2,238.00	LIFE INSURANCE	\$1,724.94	\$2,587.41	\$2,637.36	\$2,626.69	\$2,302.79	-14%	-15%	de minimis	de minimis	
5144	\$5,160.00	LONG TERM DISABILITY	\$3,222.23	\$4,833.35	\$4,980.63	\$4,282.93	\$3,586.86	7%	4%	de minimis	de minimis	
5145	\$50,472.00	WORKERS COMPENSATION	\$74,666.09	\$60,000.00	\$56,794.85	\$73,104.57	\$55,893.82	-16%	-11%	de minimis	de minimis	
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$575.40	\$116.38	\$194.57	0%	-100%	de minimis	de minimis	
5150	\$139,621.00	PERS - RETIREMENT	\$123,887.51	\$145,000.00	\$135,291.00	\$102,233.37	\$87,749.65	-4%	3%	de minimis	de minimis	
5160	\$61,048.00	FICA - SOCIAL SECURITY	\$40,658.34	\$60,987.51	\$61,483.14	\$56,626.60	\$58,515.83	0%	-1%	de minimis	de minimis	
5161	\$14,427.00	MEDICARE	\$9,818.30	\$14,727.45	\$14,575.67	\$13,576.43	\$13,685.04	-2%	-1%	de minimis	de minimis	
5171	\$5,100.00	UNIFORMS	\$6,801.67	\$10,202.51	\$8,910.00	\$8,446.05	\$8,422.27	-50%	-43%	de minimis	de minimis	
5172	\$500.00	CERTIFICATIONS	-\$50.00	\$250.00	\$750.00	\$495.00	\$150.00	100%	-33%	de minimis	de minimis	
5200	\$120,000.00	CONTRACT/PROFESSIONAL SERVICES	\$53,578.56	\$120,000.00	\$120,000.00	\$59,892.45	\$62,861.17	0%	0%	de minimis	de minimis	
5300	\$115,000.00	OPERATING SUPPLIES	\$123,216.69	\$180,000.00	\$90,000.00	\$149,470.67	\$61,399.10	-36%	28%	-\$65,000	\$25,000	Looking into account detail for coding. Some of this is from storm damage and will be capitalized.
5310	\$0.00	EQUIP NON-CAP	\$0.00	\$0.00	\$0.00	\$2,378.25	\$3,323.24	0%	0%	de minimis	de minimis	
5311	\$12,500.00	SMALL TOOLS/MAINT & REPAIRS	\$5,902.95	\$8,854.43	\$12,500.00	\$6,792.63	\$10,087.67	41%	0%	de minimis	de minimis	
5320	\$10,000.00	RENTALS/LEASES/PERMITS	\$6,279.22	\$9,418.83	\$10,000.00	\$20,557.32	\$8,084.42	6%	0%	de minimis	de minimis	
5401	\$6,500.00	SAFETY EQUIPMENT - MAINTENANCE	\$3,886.73	\$5,830.10	\$2,000.00	\$5,975.38	\$935.20	11%	225%	de minimis	de minimis	
5410	\$78,000.00	MAINT & OPERATIONS OF VEHICLES	\$45,567.25	\$68,350.88	\$78,000.00	\$88,914.13	\$71,316.90	14%	0%	de minimis	de minimis	
5420	\$16,000.00	BUILD MAINT-SERVICES & SUPPLYS	\$1,546.15	\$2,319.23	\$16,000.00	\$10,206.77	\$9,110.33	590%	0%	\$13,681	de minimis	Looking into coding, some may be in 01-400-5300
5500	\$100,000.00	UTILITIES - DISTRICT OFFICE	\$54,373.65	\$95,000.00	\$110,000.00	\$77,727.20	\$82,164.11	5%	-9%	de minimis	de minimis	
5510	\$67,000.00	TELEPHONE/COMMUNICATIONS	\$53,432.84	\$80,149.26	\$67,000.00	\$65,432.33	\$55,119.41	-16%	0%	-\$13,149	de minimis	Verifying the savings expected
5600	\$6,000.00	OFFICE SUPPLIES	\$2,793.86	\$4,190.79	\$6,500.00	\$8,121.73	\$41,757.38	43%	-8%	de minimis	de minimis	
5630	\$8,000.00	TRAINING, CONFERENCES & MEETINGS	\$639.18	\$958.77	\$7,000.00	\$4,106.39	\$1,750.69	734%	14%	de minimis	de minimis	
5800	-\$11,625.00	ALLOCATIONS	-\$439.05	-\$658.58	\$0.00	-\$32,324.47	-\$24,337.71	1665%	0%	-\$10,966	de minimis	
OPERATIONS	\$2,009,462.00		\$1,464,539.81	\$2,191,670.06	\$2,104,498.08	\$1,927,234.79	\$1,829,276.47	-8%	-5%	de minimis	de minimis	
5100	\$174,604.00	REGULAR SALARIES	\$58,493.12	\$100,500.00	\$133,988.40	\$97,166.60	\$40,978.77	74%	30%	\$74,104	\$40,616	New hire: \$70K
5140	\$34,692.00	MEDICAL INSURANCE	\$16,046.41	\$24,069.62	\$25,043.00	\$19,557.82	\$10,407.70	44%	39%	\$10,622	de minimis	New hire
5141	\$3,085.00	DENTAL INSURANCE	\$984.44	\$1,476.66	\$2,978.64	\$1,208.97	\$866.53	109%	4%	de minimis	de minimis	
5142	\$465.00	VISION INSURANCE	\$135.68	\$203.52	\$458.01	\$115.42	\$89.65	128%	2%	de minimis	de minimis	
5143	\$400.00	LIFE INSURANCE	\$133.20	\$199.80	\$106.56	\$108.13	\$116.50	100%	275%	de minimis	de minimis	
5144	\$942.00	LONG TERM DISABILITY	\$513.84	\$669.94	\$669.94	\$260.16	\$286.18	83%	41%	de minimis	de minimis	
5145	\$1,045.00	WORKERS COMPENSATION	\$1,004.05	\$1,506.08	\$763.73	\$864.22	\$661.68	-31%	37%	de minimis	de minimis	
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$42.00	\$9.54	\$9.55	0%	-100%	de minimis	de minimis	

DRAFT - FIRST ROUND OPEX BUDGET ROLL-UP - UNREVIEWED

Account	Budget Yr Requested	Description	YTD Feb Actuals	YTD Annualized or		2017 Adopted Budget	Two Yr Prior Actuals	Three Yr Prior Actuals	% Change on		Vs. FY1617		Notes
				Estimated Annual	2017 Adopted Budget				Est	FY1617 Bud.	Vs. Est Actuals	Bud	
5150	\$24,531.00	PERS - RETIREMENT	\$13,781.71	\$20,672.57	\$17,988.00	\$12,284.32	\$4,206.00	19%	36%	de minimis	de minimis		
5160	\$10,825.00	FICA - SOCIAL SECURITY	\$3,566.47	\$5,349.71	\$8,307.28	\$5,686.33	\$2,233.56	102%	30%	de minimis	de minimis		
5161	\$2,532.00	MEDICARE	\$834.08	\$1,251.12	\$1,942.83	\$1,329.82	\$522.32	102%	30%	de minimis	de minimis		
5171	\$150.00	UNIFORMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
5200	\$393,637.00	CONTRACT/PROFESSIONAL SERVICES	\$118,198.71	\$290,000.00	\$347,283.00	\$229,708.23	\$214,753.48	36%	13%	\$103,637	\$46,354	Working on detail breakdown, some money not being spent in FY1617, but still needs to occur so pushing into FY1718	
5300	\$500.00	OPERATING SUPPLIES	\$32.77	\$49.16	\$500.00	\$543.16	\$364.04	917%	0%	de minimis	de minimis		
5310	\$2,000.00	EQUIP. NON-CAP	\$0.00	\$0.00	\$1,000.00	\$0.00	\$2,547.67	0%	100%	de minimis	de minimis		
5430	\$15,000.00	ROAD MAINTENANCE	\$0.00	\$5,000.00	\$15,000.00	\$1,052.62	\$7,238.23	200%	0%	de minimis	de minimis		
5510	\$300.00	TELEPHONE/COMMUNICATIONS	\$0.00	\$0.00	\$300.00	\$185.34	\$177.06	0%	0%	de minimis	de minimis		
5620	\$60,000.00	WATER CONSERVATION PROGRAM	\$6,387.61	\$15,000.00	\$26,000.00	\$60,894.57	\$0.00	300%	131%	\$45,000	\$34,000	Working on detail breakdown, but is asking for more for program in FY1718	
5621	\$15,000.00	WATERSHED GRANTS DATA COLLECT	\$0.00	\$0.00	\$15,000.00	\$9,710.00	\$4,660.00	0%	0%	de minimis	de minimis		
5622	\$17,500.00	EDUCATION PROGRAM	\$4,090.00	\$6,135.00	\$17,500.00	\$19,800.00	\$0.00	185%	0%	\$11,365	de minimis	Timing of program?	
5630	\$3,000.00	TRAINING, CONFERENCES & MEETINGS	\$0.00	\$0.00	\$3,000.00	\$2,177.68	\$0.00	0%	0%	de minimis	de minimis		
5631	\$1,500.00	MEMBERSHIP & DUES	\$0.00	\$0.00	\$1,250.00	\$500.00	\$0.00	0%	20%	de minimis	de minimis		
5632	\$300.00	SUBSCRIPTIONS/BOOKS	\$0.00	\$0.00	\$300.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
WATERSHED	\$762,008.00		\$224,030.81	\$471,927.06	\$619,421.39	\$463,162.93	\$290,118.92	61%	23%	\$290,081	\$142,587		
5100	\$26,000.00	REGULAR SALARIES	\$0.00	\$20,000.00	\$15,000.00	\$0.00	\$5,243.64	30%	73%	de minimis	\$11,000		
5120	\$2,500.00	OVERTIME WAGES	\$0.00	\$2,500.00	\$2,500.00	\$0.00	\$921.45	0%	0%	de minimis	de minimis		
5130		STANDBY	\$0.00	\$0.00	\$500.00	\$0.00	\$0.00	0%	-100%	de minimis	de minimis		
5150		PERS - RETIREMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$582.17	0%	0%	de minimis	de minimis		
5160		FICA - SOCIAL SECURITY	\$0.00	\$0.00	\$1,092.25	\$0.00	\$377.46	0%	-100%	de minimis	de minimis		
5161		MEDICARE	\$0.00	\$0.00	\$325.42	\$0.00	\$88.26	0%	-100%	de minimis	de minimis		
5171		UNIFORMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
5180		PENSION EXPENSE GASB 68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
5200	\$50,000.00	CONTRACT/PROFESSIONAL SERVICES	\$15,864.21	\$51,000.00	\$51,000.00	\$20,293.65	\$19,971.79	-2%	-2%	de minimis	de minimis		
5202	\$20,000.00	OUTSIDE WATER ANALYSIS	\$21,733.00	\$32,599.50	\$12,000.00	\$13,497.00	\$1,528.28	-39%	67%	-\$12,600	de minimis		
5300	\$6,500.00	OPERATING SUPPLIES	\$4,313.62	\$6,470.43	\$6,500.00	\$3,809.80	\$2,453.03	0%	0%	de minimis	de minimis		
5320	\$15,000.00	RENTALS/LEASES/PERMITS	\$8,288.00	\$12,432.00	\$15,000.00	\$8,474.74	\$16,749.29	21%	0%	de minimis	de minimis		
5410		MAINT & OPERATIONS OF VEHICLES	\$0.00	\$0.00	\$500.00	\$0.00	\$0.00	0%	-100%	de minimis	de minimis		
5420		BUILD MAINT-SERVICES & SUPPLYS	\$0.00	\$0.00	\$500.00	\$0.00	\$0.00	0%	-100%	de minimis	de minimis		
5500	\$6,000.00	UTILITIES - DISTRICT OFFICE	\$1,688.20	\$5,000.00	\$7,000.00	\$12,342.19	\$5,307.69	20%	-14%	de minimis	de minimis		
5510	\$3,800.00	TELEPHONE/COMMUNICATIONS	\$2,291.77	\$3,437.66	\$3,800.00	\$3,143.74	\$3,299.89	11%	0%	de minimis	de minimis		
5600		OFFICE SUPPLIES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
5650		POSTAGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%	0%	de minimis	de minimis		
5800	\$14,531.00	ALLOCATIONS	\$0.00	\$0.00	\$0.00	\$22,987.23	\$0.00	0%	0%	de minimis	de minimis	Does not include any G&A allocations yet	
WASTE WATER (SEWER)	\$144,331.00		\$54,178.80	\$133,439.59	\$115,717.67	\$84,548.35	\$56,522.95	8%	25%	de minimis	\$28,613		
5100	\$841,168.00	REGULAR SALARIES	\$497,736.95	\$830,000.00	\$815,279.96	\$667,568.88	\$675,553.00	1%	3%	de minimis	de minimis		
5120	\$38,000.00	OVERTIME WAGES	\$18,119.08	\$27,178.62	\$30,000.00	\$44,045.02	\$35,313.90	40%	27%	\$10,821	de minimis		
5130	\$29,120.00	STANDBY	\$8,624.33	\$12,936.50	\$4,000.00	\$13,682.49	\$6,192.34	125%	628%	\$16,184	\$25,120	Separate WT and OPS on-call personnel	
5140	\$106,542.00	MEDICAL INSURANCE	\$68,372.82	\$102,559.23	\$117,981.00	\$52,529.83	\$59,230.63	4%	-10%	de minimis	de minimis		
5141	\$13,564.00	DENTAL INSURANCE	\$8,181.68	\$12,272.52	\$12,098.53	\$6,268.72	\$7,363.42	11%	12%	de minimis	de minimis		
5142	\$1,975.00	VISION INSURANCE	\$972.24	\$1,458.36	\$2,459.90	\$946.42	\$884.95	35%	-20%	de minimis	de minimis		
5143	\$1,758.00	LIFE INSURANCE	\$1,122.21	\$1,683.32	\$1,958.04	\$939.06	\$1,158.84	4%	-10%	de minimis	de minimis		
5144	\$4,453.00	LONG TERM DISABILITY	\$2,271.92	\$3,407.88	\$4,083.21	\$1,868.20	\$2,137.46	31%	9%	de minimis	de minimis		
5145	\$46,547.00	WORKERS COMPENSATION	\$61,671.92	\$50,000.00	\$46,910.82	\$35,459.71	\$23,726.55	-7%	-1%	de minimis	de minimis		
5146	\$0.00	ASSISTANCE PROGRAM	\$0.00	\$0.00	\$432.60	\$41.03	\$110.68	0%	-100%	de minimis	de minimis		
5150	\$138,743.00	PERS - RETIREMENT	\$89,769.07	\$117,000.00	\$120,171.00	\$74,687.43	\$64,185.12	19%	15%	\$21,743	\$18,572	Full year of new hires, 50% of new hire split between 400/800	
5160	\$56,211.00	FICA - SOCIAL SECURITY	\$31,367.86	\$47,051.79	\$52,343.08	\$43,462.66	\$41,921.53	19%	7%	de minimis	de minimis		
5161	\$13,246.00	MEDICARE	\$7,612.29	\$11,418.44	\$12,372.56	\$9,804.26	\$7,531.99	16%	7%	de minimis	de minimis		
5171	\$4,050.00	UNIFORMS	\$3,253.32	\$4,879.98	\$6,615.00	\$3,218.99	\$2,909.60	-17%	-39%	de minimis	de minimis		
5172	\$1,600.00	CERTIFICATIONS	\$669.20	\$699.30	\$1,500.00	\$1,728.68	\$325.00	129%	7%	de minimis	de minimis		
5200	\$120,000.00	CONTRACT/PROFESSIONAL SERVICES	\$20,854.31	\$31,281.47	\$150,000.00	\$119,781.60	\$78,154.88	284%	-20%	\$88,719	-\$30,000	Looking into coding within these accounts.	
5202	\$75,000.00	OUTSIDE WATER ANALYSIS	\$22,911.00	\$34,366.50	\$75,000.00	\$61,053.45	\$74,337.61	118%	0%	\$40,634	de minimis	Looking into coding within these accounts.	
5300	\$75,000.00	OPERATING SUPPLIES	\$78,997.14	\$118,495.71	\$57,000.00	\$81,511.18	\$47,531.99	-37%	32%	-\$43,496	\$18,000	Looking into coding within these accounts.	
5301	\$30,000.00	CHEMICALS	\$12,511.71	\$18,767.57	\$35,000.00	\$14,289.61	\$25,096.33	60%	-14%	\$11,232	de minimis	Looking into coding within these accounts.	
5302	\$25,000.00	LAB SUPPLIES	\$701.86	\$1,052.79	\$24,500.00	\$4,232.52	\$14,383.11	2275%	2%	\$23,947	de minimis	Looking into coding within these accounts.	
5310	\$0.00	EQUIP. NON-CAP	\$1,054.17	\$1,054.17	\$15,000.00	\$2,827.95	\$4,120.48	-100%	-100%	de minimis	-\$15,000		
5311	\$6,000.00	SMALL TOOLS/MAINT & REPAIRS	\$1,847.54	\$2,771.31	\$6,000.00	\$2,403.63	\$2,684.17	117%	0%	de minimis	de minimis		
5320	\$110,000.00	RENTALS/LEASES/PERMITS	\$33,139.80	\$49,709.70	\$110,000.00	\$107,708.76	\$100,991.94	121%	0%	\$60,290	de minimis	Looking into coding within these accounts.	

DRAFT - FIRST ROUND OPEX BUDGET ROLL-UP - UNREVIEWED

Notes

Account	Budget Yr Requested	Description	YTD Feb Actuals	YTD Annualized or		2017 Adopted Budget	Two Yr Prior Actuals	Three Yr Prior Actuals	% Change on		Vs. FY1617	
				Estimated Annual					Est	FY1617 Bud.	Vs. Est Actuals	Bud
5401	\$2,500.00	SAFETY EQUIPMENT - MAINTENANCE	\$2,819.42	\$4,229.13	\$0.00	\$0.00	\$80.35	-41%	0%	de minimis	de minimis	
5410	\$21,000.00	MAINT & OPERATIONS OF VEHICLES	\$14,067.87	\$21,101.81	\$21,000.00	\$19,267.67	\$18,813.82	0%	0%	de minimis	de minimis	
5420	\$7,500.00	BUILD MAINT-SERVICES & SUPPLYS	\$1,687.57	\$2,531.36	\$7,500.00	\$276.35	\$4,498.26	196%	0%	de minimis	de minimis	
5500	\$250,000.00	UTILITIES - DISTRICT OFFICE	\$175,697.30	\$263,545.95	\$275,000.00	\$204,237.28	\$283,336.27	-5%	-9%	de minimis	de minimis	
5510	\$45,000.00	TELEPHONE/COMMUNICATIONS	\$27,513.95	\$41,270.93	\$40,000.00	\$39,131.44	\$34,684.45	9%	13%	de minimis	de minimis	
5600	\$3,000.00	OFFICE SUPPLIES	\$599.61	\$899.42	\$3,500.00	\$2,340.91	\$2,771.73	234%	-14%	de minimis	de minimis	
5630	\$3,500.00	TRAINING, CONFERENCES & MEETINGS	\$165.14	\$247.71	\$3,500.00	\$150.09	\$690.20	1313%	0%	de minimis	de minimis	
5632	\$500.00	SUBSCRIPTIONS/BOOKS	\$126.50	\$189.75	\$500.00	\$0.00	\$0.00	164%	0%	de minimis	de minimis	
5800	-\$2,906.00	ALLOCATIONS	\$0.00	\$0.00	\$0.00	\$0.00	-\$306.31	0%	0%	de minimis	de minimis	
WATER TREATMENT & SUPPLY	\$2,068,071.00		\$1,193,885.39	\$1,814,061.18	\$2,051,705.70	\$1,616,069.90	\$1,622,686.56	14%	1%	\$254,010	de minimis	
TOTAL WATER FUND	\$7,140,587.00		\$4,281,204.83	\$6,656,649.67	\$6,694,042.68	\$5,777,592.41	\$5,474,299.43	7%	7%	de minimis	de minimis	
TOTAL SEWER FUND	\$144,331.00		\$54,178.80	\$133,439.59	\$115,717.67	\$84,548.35	\$56,522.95	8%	25%	de minimis	\$28,613	

MEMO

To: Board of Directors
From: District Manager
Subject: DISTRICT MANAGERS YEARLY PERFORMANCE REVIEW
Date: April 20, 2017

RECOMMENDATION:

Staff has no recommendation.

BACKGROUND:

District Manager's contract states,

“Effective January 1, 2016, and each January 1st thereafter, the Manager shall be entitled to an annual cost of living adjustment, or its equivalent, given to District employees at the discretion of the Board of Directors based upon a satisfactory performance rating from the Board of Directors. The Manager shall receive a written evaluation which relates to achievement of mutually defined goals and objectives at least once a year from the Board of Directors. At the discretion of the Board, Manager will also be eligible for up to a yearly five percent (5%) merit increase based on performance.”

Since January 2017 the Board agenda has included a closed session discussion item to conduct the District Manager's evaluation. Regrettably, due to time constraints the Board was never able to begin the evaluation process in January, February or March. At the Board's request a special meeting was held on March 22nd specifically for the evaluation of the Manager's performance. During closed session at the March 22nd meeting the Board concluded that the Manager had achieved at least a satisfactory performance, as per contract. Actual discussion of the Manager's performance related to eligibility of a merit increase was scheduled for the regularly scheduled April 20th Board Meeting.

Tonight, the Board is scheduled to measure accomplishments of the Manager's Goals and Objectives for 2016 (attached) and other considerations.

STRATEGIC PLAN:

Element 8.0 - Organizational Health/Personnel

FISCAL IMPACT:

Up to a 5% increase in DM compensation (\$9,160 per year).

**San Lorenzo Valley Water District
2016 Manager Performance Goals and Objectives**

The Board of Directors expects that the following specific projects will be substantially completed within the next year:

2015 Urban Water Management Plan

Re-framing and updating “Rules and Regulations”, “Policies and Procedures” and “Rates and Fees”

Cost of Service and Staffing Study

Rate Study and Plan

The Board will also evaluate progress on the following items:

GSA and GSP Development

Use of Loch Lomond rights

Infrastructure Improvements, with special emphasis on the Felton system

CIP Formalization

Ongoing projects, including Fall Creek Fish Ladder, tank replacements, and integration of interties into SLVWD system

Other goals contained within the District’s Strategic Plan.

Increased involvement in inter-agency, neighborhood, and regional relations

The following qualities will be considered as part of the evaluation process:

Leadership

Transparency

Positive relations with Staff

Pro-activity

Creative problem solving.

It is the intention of the Board of Directors to “check in” on the above goals and objectives at the six month mark and adjust or refine the list with input from the District Manager.



Brian Lee, District Manager



Randall Brown, Board President

2/5/16

Date

District Manager's Goals and Objectives Review for the year 2016.

Completed or Substantially Completed:

- 2105 Urban Water Management Plan (and the 2010 UWMP)
- Re-framing and updating the "Rules and Regulations", "Policies and Procedures" and "Rates and Fees".
- Cost of Service and Staffing Study

Started but not Completed or Substantially Completed:

- Rate Study and Plan

Continued Forward Progress:

- GSA and GSP Development
- CIP Formalization
- Ongoing projects, including... integration of interties into SLVWD system.
- Increased involvement in inter-agency, neighborhood and regional relations
- Reviewed and rewrote the Strategic Plan to be a better 'living' document
- 2.0 Watershed Stewardship – 2.4 Education Program (annually)
- 5.0 Fiscal Planning – 5.1 Fiscal Plan for Support of Strategy (annually)
- 5.0 Fiscal Planning – 5.3 Provide Support for Applying for and Securing Grants (annually)
- 5.0 Fiscal Planning – 5.5 Annual Review of Reserve Fund Policy (annually)
- 5.0 Fiscal Planning – 5.6 Fiscal Transparency (ongoing)
- 6.0 Public Affairs – 6.2 Increase Civic Understanding and Engagement (annually)
- 6.0 Public Affairs – 6.4 SDLF Certificate of Transparency (2015)
- 8.0 Organizational Health/Personnel – 8.1 Staffing Plan (annually)
- 8.0 Organizational Health/Personnel – 8.3 FLSA Audit (2016)

Limited Forward Progress on:

- Use of Loch Lomond rights
- Infrastructure Improvements, with special emphasis on the Felton System
- 2.0 Watershed Management Plan – 2.2 Environmental Review of Impacts to San Lorenzo River Watershed (annually)
- 2.0 Watershed Management Plan – 2.3 Climate Action Plan (annually)
- 3.0 Capital Facilities – 3.1 Capital Improvement Program (annually)
- 5.0 Fiscal Planning – 5.2 Funding Infrastructure Replacements (annually)
- 6.0 Public Affairs -6.3 Technology Plan (annually)

MEMO

To: Board of Directors
From: District Manager
Subject: BOARD POLICY MANUAL
Date: April 20, 2017

RECOMMENDATION:

Each Director review the current Board Policy Manual (Word document) and provide recommended redline changes to staff.

BACKGROUND:

Staff is requesting that each individual Director review a digital Word Document copy of the Board Policy Manual (to be provided) and provide red-line edits that each individual Director believes to be an improvement to the document. Each director would then provide their redline file to staff, at which point staff will consolidate recommended revisions for discussion by the Board.

After review, it is anticipated that the Board would adopt and commit in writing to following said Board Policy Manual.

STRATEGIC PLAN:

Element 9.2 - Board Development

FISCAL IMPACT:

None

MEMO

To: Board of Directors
From: District Manager
Subject: DROUGHT SURCHARGE
Date: April 20, 2017

RECOMMENDATION:

Staff has no recommendation.

BACKGROUND:

Attached is Resolution 19(15/16), Drought Surcharge, approved on November 19, 2015.

Due to the recent winter rainfall and the Governors declaration that the drought is over it is appropriate for the District to review its Drought Surcharge at this time.

Projects listed in the November 19, 2015 memo are:

Project	Estimated Cost	Proposed Construction Year	Status	Revised Construction Year
Intertie 6	\$ 2,000,000	2014	Completed	-
Interties 2,3 4	\$ 6,000,000	2015	Completed	-
Probation Tank	\$ 1,660,000	2017	Design Completed	2018
Swim Tank	\$ 360,000	2016	Design Completed	2017
Fall Creek Fish Ladder	\$ 600,000	2016	Design Completed	2018

STRATEGIC PLAN:

Element 5.0 - Fiscal Planning

FISCAL IMPACT:

Unknown

SAN LORENZO VALLEY WATER DISTRICT
RESOLUTION NO. 19 (15-16)
FIXING AND ADOPTING A DROUGHT SURCHARGE

WHEREAS, in 2013 the San Lorenzo Valley Water District finalized a five-year rate study that provided yearly revenue and expenditure projections based on historical water consumption trends; and

WHEREAS, since adoption of the 2013 rate structure the State of California continues to suffer a severe multiyear drought that has had a significant negative impact to District revenue; and,

WHEREAS, the drought caused revenue shortfall is negatively impacting the District's efforts to fund current capital projects while maintaining reserves for emergencies; and

WHEREAS, the Board of Directors has reviewed and considered the projected expenses and revenues of the District, and has found and determined that a drought surcharge of \$1.00 per unit of water (748 gallons) sold is the best and necessary way to ensure that needed capital projects may continue for the benefit of the ratepayers; and

WHEREAS, the Board of Directors recognizes that the Drought Surcharge is temporary and that long term fiscal solutions will be necessary; and

WHEREAS, in compliance with Proposition 218 and District procedures, the Board of Directors held a public hearing to consider all public testimony and written protests against the proposed drought surcharge; and

WHEREAS, said public hearing was held not less than forty-five days after the District mailed information to property owners regarding the proposed drought surcharge, and;

WHEREAS, the final tabulation of written protests against the drought surcharge presented to the Board did not constitute a majority protest; and

WHEREAS, the Board has fully considered the proposed drought surcharge.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the San Lorenzo Valley Water District that a Drought Surcharge equal to \$1.00 for each unit of water delivered shall be imposed on each meter of the District beginning on the first bill after December 31, 2015. Said surcharge shall be included as a separate line item on each statement provided by the District to customers; and

BE IT FURTHER RESOLVED that the Board will revisit the adequacy of the drought surcharge on a yearly basis at the first regularly scheduled meeting in June.

BE IT FURTHER RESOLVED that the Drought Surcharge may be rescinded at any time by a majority of the Board finding any one of the following conditions have been met:


1. District-wide consumption has returned to 2013 levels because water Sources have returned to pre-drought levels.
2. The District adopts new rates and charges sufficient to cover operational and capital costs.
3. Capital projects listed in the November 19, 2015 Board Agenda Memo are completed or completely funded.
4. Other revenue sources are identified and secured which are sufficient to close revenue gaps.

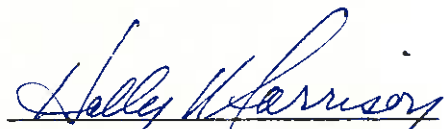
BE IT FURTHER RESOLVED that the Board of Directors of the San Lorenzo Valley Water District hereby directs the District Manager to take all action necessary to implement this Resolution.

.....

PASSED AND ADOPTED by the Board of Directors of the San Lorenzo Valley Water District, County of Santa Cruz, State of California, on the 19th day of November, 2015 by the following vote of the members thereof:

AYES:
NOES:
ABSTAIN:
ABSENT:


Margaret Bruce
Board President
San Lorenzo Valley Water District


Holly Morrison
Board Secretary
San Lorenzo Valley Water District

SLV water manager joins the fray

By Barry Holtzclaw | Posted: Saturday, March 11, 2017 11:25 pm

When Brian Lee was hired in January 2015 as manager of the San Lorenzo Valley Water District, his new bosses included three newly elected directors. The district was off to a fresh start, after a controversial rate increase, an unflattering Grand Jury report and the firing of its district manager.

His arrival also followed by barely two months the filing of a lawsuit against the water district board and one of its former members, Terry Vierra, alleging a conflict of interest in connection with the purchase of some property nearly four years earlier.

Vierra lost that lawsuit in December, and was ordered to repay a real estate commission and possibly \$70,000 in legal fees incurred by the man who filed that lawsuit, Bruce Holloway.

Vierra hasn't repaid the commission, because four of the current water district directors believe they are obligated to pay all of his fines and fees, and also agreed to seek to overturn the court ruling. The decision to appeal virtually guaranteed that Vierra's legal fees, borne by the district's ratepayers, will surpass six figures.

The controversy over that decision by the current board – which directed its attorneys to continue to continue to represent the former director – has already resurrected the powerful ratepayers' group, San Lorenzo Valley Watchdogs.

Lee's aggressive advocacy of this board stance – in emails to ratepayers, public comments and court filings – now places him squarely in the middle of the controversy.

All of this is coming at a time when he and the board are beginning to build a case for yet another round of rate increase for the approximately 8,000 customers in the sprawling mountain district.

Lee's most recent action was to send an email this week, presumably on his own initiative, to all five directors giving them "a gentle reminder" that only "Chair Ratcliffe" (board president Gene Ratcliffe) could speak to the news media.

He said he was referring to the most email request sent to all directors by the Press Banner asking if the directors had authorized or directed Lee to speak on their behalf, specifically about the Vierra appeal. Ratcliffe and three other board members – Margaret Bruce, Chuck Baughmann and Erik Hammer – continued to ignore this most recent request to clarify their position with regard to Lee's advocacy on their behalf.



San Lorenzo Valley Water District roiled by lawsuit controversy

Santa Cruz Mountains

Lee's email this week was the last straw for newly elected member Bill Smallman, who had ~~cast the~~ lone dissenting vote against the continued legal appeal of the conflict-of-interest ruling, and who had kept silent publicly. Wednesday he broke that silence, in an email to the Press Banner.

"I can't talk about what specifically took place in closed meetings," he wrote in an email Wednesday. "If I discuss this issue publicly, I was told that all it would do would worsen my relationship with the other directors, but I don't care. They are childishly trying to keep me out of this."

"My position has not changed. Vierra violated conflict-of-interest, it is that simple," Smallman wrote. "This Board and Brian are completely out of touch and their reasoning is absurd in my opinion. They think it is all going to roll over, and people will let it go."

He called on the Valley Women's Club, the most powerful political organization in the San Lorenzo Valley communities, to "put a stop to it."

"As far as my relationship with the board and Brian, I'm up against a fight, and I don't think it is going to end until the next election – if we get some fiscally responsible candidates that respect and understand conflict-of-interests laws," he wrote.

The water district attorneys will be back in court on March 17, asking Superior Court Judge John Gallagher to admit he made mistakes in the original trial of the Vierra case, reverse his decision and order a new trial.

AmeriCorps lends a hand

By Barry Holtzclaw | Posted: Thursday, March 16, 2017 2:18 pm

A group of college-age young people spent eight weeks in Ben Lomond, working on a variety of community service projects in the San Lorenzo Valley through AmeriCorps, the National Civilian Community Corps.

They had high praise for their mountain hosts.

“Everybody worked together to give these activities life,” said Justin Protentis of Massachusetts, a recent University of Vermont graduate, majoring in psychology and sociology.

All were from the Northeast U.S., and several said they had come to California expecting a sunny respite from the usually harsh winters back home.

They were surprised by one of the wettest winters on record, which made their contributions especially valuable, assisting with flood relief and park repairs. They spent one week in Chico near the Oroville Dam, assisting emergency relief and relocation efforts.

Most the young men and women were liberal arts majors, with degrees in English, psychology and sociology. The Valley Women’s Club of the San Lorenzo Valley, an environmental leadership non-profit, co-sponsored the team of 11, all in their early 20s, along with Santa Cruz County Parks.

The group stayed in a cottage in Highland Park, and returned this week to Sacramento for another assignment on their 10-month AmeriCorps contracts. They may have been mistaken for county or state park rangers, with an AmeriCorps logo on their khaki work outfits.

Kelsey Stoneberger from West Virginia said the mountains reminded her of home, and she enjoyed her weekend time exploring Santa Cruz. She praised the Valley Women’s Club and other locals: “You can really feel the sense of accomplishment for what you are doing here in Santa Cruz County – It’s really inspiring.”

The local AmeriCorps projects included educational workshops, habitat restoration and infrastructure projects in Boulder Creek, Ben Lomond, and Felton.

Valley Women’s Club member Linda Skeff joined community leaders in honoring and thanking the young men and women at an appreciation event on Sunday, March 11, at the Highlands Park Senior Center.

The team’s work focused on combatting invasive species in the area. The Friday before their last day, they continued cutting and pulling blackberry bushes and spreading wood chips on open areas by the Highland Park playground.

By restoring a section of Highlands Park, the team set a visual example for dealing with invasive species like blackberries. They removed tire chips in the playground that endangered the health of the San Lorenzo



AmeriCorps workers help SLV communities

AmeriCorps workers spread wood chips at Highlands Park in Ben Lomond.

River.

The team started its work at the Felton Library site by building a new fence and removing harmful Himalayan Blackberry. They worked at Quail Hollow Park in Ben Lomond and Junction Park in Boulder Creek.

The AmeriCorps of the National Civilian Community Corps) is a full-time, team-based residential program for men and women ages 18-24.

Fact checking SLV Water District claims

By Barry Holtzclaw | Posted: Thursday, March 16, 2017 1:07 pm

At the Tuesday morning radio interview with KSCO's Rosemary Chalmers, San Lorenzo Valley Water District Manager Brian Lee made several assertions that appeared to be at odds with Judge John Gallagher's Dec. 13 decision.

Lee and SLV board president Gene Ratcliffe said the judge had ruled against Vierra in the conflict-of-interest case because of a single vote that Vierra took to approve payment of a bill, which Lee said the judge called a "small mistake."

Vierra admitted five improper actions, not one

In fact, the judge ruled that Vierra had acted five times – not once – improperly making or participating in a decision that rewarded his firm and his wife with \$12,006 in real estate commissions.

The judge also noted that Vierra did not deny these actions, which are a matter of public record. In his ruling, Gallagher made no reference to these as "small mistakes."

He stated simply: "Mr. Vierra should not have voted on those matters related to the property."

Lee also told Chalmers' radio audience that the judge's decision compelled the district to continue the case: "We're still here because the judge said the district [not Vierra] made the mistake."

Ruling was against Vierra, not SLV Water District

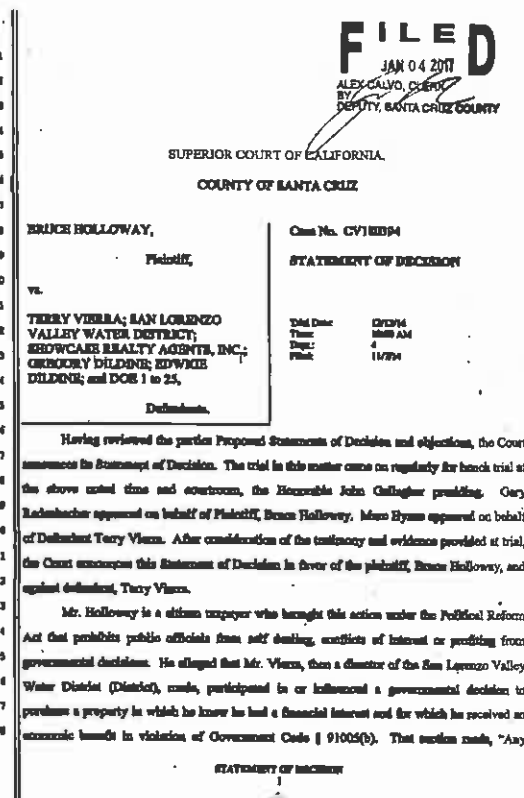
In fact, the decision that the district is contesting at today's hearing resulted in a judgment against Vierra, not the district.

The district had separated itself from the initial lawsuit last year.

Last week, Lee offered another reason the district is continuing its legal battle: plaintiff Bruce Holloway.

In an email to SLV ratepayer Susan Kosek of Ben Lomond, which was included in this week's board meeting packet, Lee said, "Blame for the legal expenses needs to be put squarely on the shoulders of the one person responsible: Bruce Holloway.

"Holloway is responsible, and only Holloway, because of his refusal to settle,"



SLV Water District in court

Cover page of Dec. 13, 2016 decision that former SLV Water District director Terry Vierra violated state conflict of interest laws.

Lee wrote Kosek.

“Vierra may have made a small mistake,” “but Holloway is capitalizing and benefiting from that small mistake.”

Earlier in the email, he wrote, “Suffice it to say, Holloway refuses to settle.”

Holloway offered settlement, district walked away

In fact, it was the district, not Holloway, that refused to settle.

Holloway and his attorney Gary Redenbacher presented a brief at a court-required mediation conference last August, offering to settle the case for just under \$60,000.

“The district’s mediation brief was just a copy of their motion for summary judgment, saying they were 100 percent right and Bruce was 100 percent wrong – highly unusual,” said Redenbacher in an email response to questions from the Press Banner.

From the water district, he wrote, there was: “No offer to settle, no compromise. It was a complete repudiation of any attempt at mediation or settlement.”

Redenbacher said the mediation – called to avoid a more costly legal battle – was over in a few minutes “because they [the water district] refused to even discuss settlement.”

“If someone agrees to mediation, at least in theory it means that he is willing to compromise,” he said.

“The district was absolutely 100 percent not willing to budge an inch.”

“I’ve been in over 100 mediations,” Redenbacher wrote. “This is the only mediation in memory where absolutely nothing was forthcoming – it was nothing more than an exercise in driving up attorney’s fees. In fact, that was my conclusion: That they only agreed to mediation to keep driving up the attorney’s fees in the hope that Bruce would quit.”

In the radio interview on Tuesday, Lee also said the district is obligated to pay all of Vierra’s legal costs because it claims he was a district employee fulfilling his normal duties.

“It’s not a district definition, it’s a legal definition,” he said.

Judge ruled Vierra was public official, not employee

In fact, the judge ruled in December, “There is no question that Mr. Vierra was a public official,” who exercised his discretion to participate in the decision.

“Although Mr. Vierra and his fellow board members tried to minimize his participation, the courts have stated, regarding the Political Reform Act, ‘It is not just the actual improprieties which the law seeks to forestall but also the appearance of possible improprieties.’ “

Lee also told Chalmers that “The district decided to defend Vierra as a way to save money.”

When the radio host questioned whether having the board’s own lawyer Marc Hynes, represented Vierra in the separated case represented a conflict of interest, Lee said “it was cost-effective to use the same lawyer.”

Water board decisions increasing legal fees

In fact, the legal fees in connection with Friday's hearing of the water district's request likely will push the district's own legal bills in this case into six figures. If it loses, and chooses to pay Vierra's court judgment and the legal bills of plaintiff Bruce Holloway, the total legal bill could exceed \$200,000.

Lee told Chalmers' that the lawsuit is continuing in court on Friday because "It was Holloway that has refused to drop the lawsuit."

In fact, Gallagher made decision on Dec. 13 and ordered Vierra to pay \$9,347, half to the state and half to Holloway

That ruling would have stood, and this case would be over if the water district board had not decided in January to ask Gallagher to admit he made mistakes and hear new evidence at a new trial.

KSCO, SLV Water square off

By Barry Holtzclaw | Posted: Tuesday, March 14, 2017 8:52 pm

The president of the San Lorenzo Valley Water District Board of Directors this week declined to say how far the board would take its appeal of the conflict-of-interest case if it loses the second round of the court fight in Santa Cruz County Superior Court on Friday, March 17.

In an interview with Rosemary Chalmers, host of “Good Morning Monterey Bay” on KSCO 1080 AM, on Tuesday, March 14, board president Gene Ratcliffe would only say, “I have my own ideas, as do other directors,” when pressed by Chalmers about when the water board would stop spending ratepayers’ money on behalf former director Terry Vierra.

SLV Water District Manager Brian Lee also attended the 8:30 a.m. radio interview.

Superior Court Judge John Gallagher ruled on Dec. 13, 2016 that Vierra violated state conflict-of-interest laws by participating in an SLV Water District decision to buy property in 2010, which resulted in real estate commissions for Vierra’s wife and his real estate firm.

The water district board voted 4-1 in January to ask Gallagher to admit he made mistakes and schedule a new trial. That motion will be heard Friday.

“I don’t make any decision until we have a group discussion,” Ratcliffe told Chalmers’ radio audience.

“How far are you going to take this? How much of my money are you going to spend?” persisted Chalmers, who lives in Ben Lomond and is an SLV Water District ratepayer.

“How far are you going to take this? \$250,000? \$500,000? Just to prove this point that you can’t talk about now?”

“There were some technicalities that we did not understand at the beginning of the trial,” said Ratcliffe, attempting to explain why the district was seeking a new trial and asking for an opportunity to present new evidence.

“Why are you putting this on my back and the backs of 7900 people?” Chalmers asked. “Why not just call this a day?”

“It’s a very complex case – there are several different layers to it,” Ratcliffe said.

Ratcliffe’s comments to the radio audience were her first since writing a 500-word letter to the Press Banner last month.

In the past few weeks, Lee has talked about the case in emails to several ratepayers.



Rosemary Chalmers

KSCO 1080 AM radio morning talk show host, Rosemary Chalmers, lives in Ben Lomond

Lee wrote an email to the full board last week, reminding them that they had agreed that only Ratcliffe could speak for the board, and that they also had agreed not to discuss the Vierra case.

He sent his email after the Press Banner had sent Ratcliffe and the rest of the board an email on Tuesday afternoon, March 7. The Press Banner email had not asked the directors to discuss the Vierra case; it asked them if they had authorized Lee to speak with ratepayers about the court case, and if so, had they given him talking points.

Ratcliffe and the rest of the board – except director Bill Smallman – ignored the Press Banner email. Those same questions were sent again to the board on Tuesday, March 14, after Lee continued to comment on the case and articulate several reasons for paying Vierra's legal fees.

SLV Water appeals Vierra case

By Barry Holtzclaw | Posted: Tuesday, March 21, 2017 9:06 pm

The San Lorenzo Valley Water District on Tuesday, March 21, filed a Notice of Appeal in the Terry Vierra conflict-of-interest case.

The case now heads to the Sixth District Court of Appeal in San Jose, which observers say usually takes two years to process appeals. All legal expenses in the case continue to be paid by district ratepayers.

Appellate attorney Michael Colantuono filed the document ahead of a March 24 deadline, to keep the district's options open. Lawyers now will take several months preparing briefs in the case.

Santa Cruz County Superior Court Judge John Gallagher on March 17 rejected requests by Colantuono for a new trial in the conflict-of-interest case.

Gallagher had ruled Dec. 13 that Vierra, as a water district director, had violated state conflict-of-interest laws when he participated in water district decisions in 2010 that resulted in the payment of \$12,006 in real estate commissions to his wife and his real estate firm.

The water district had rejected a settlement offer last August.

It was unclear this week whether the water district directors had actually voted to proceed with an appeal.

One water district board member, Bill Smallman, said this week he agreed with Judge Gallagher's decision to reject the request for a new trial.

"I will continue to vote against the appeal," he said. All other board members declined comment.

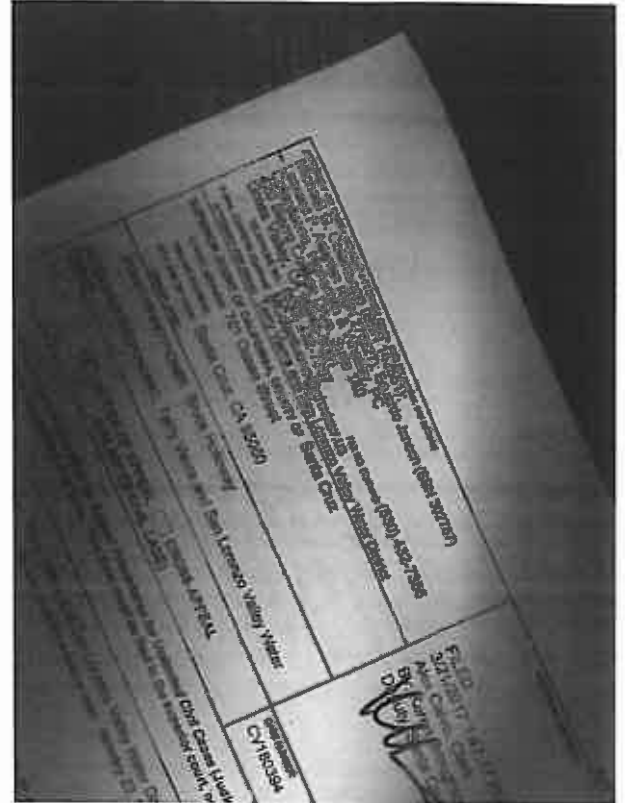
Board president Gene Ratcliffe told the audience at a March 16 board meeting that "We have not requested an appeal," in response to a direct question from a ratepayer whether the district has decided to appeal the case to a higher court.

When pressed, Ratcliffe said, "Once that motion has been heard, then we would be in a position to take action."

After Ratcliffe's comments, ratepayers questioned the rising legal bills.

Bob Fultz of Boulder Creek, asked when the legal bills will stop: "We have this case out there with all this money that's being spent, with no defined end in sight, until either there are enough rulings along the way

500



SLV Water to appeal case

Here is the Notice of Appeal filed March 21.

that somebody gives up, or maybe its gets all the way to the Supreme Court, at which point it stops.”

The motion was heard on March 17 in Superior Court in Santa Cruz, and Gallagher threw out – repeatedly saying simply, “objection sustained, not offered at trial” – all 11 requests by Colantuono that Gallagher vacate his December decision and order a new trial with new evidence.

The appeal was filed three days before a court deadline, and one day before the water board was to meet in closed session, ostensibly to conclude an annual performance review of district manager Brian Lee. The court case was not on the published agenda.

Gary Redenbacher, lawyer for plaintiff Bruce Holloway, a retired engineer who lives in Boulder Creek, praised Gallagher’s March 17 ruling: “He sustained every one of our objections to Vierra’s attempt to introduce new evidence.”

Holloway reacted by posing two questions: "Can the SLV water board recognize a conflict of interest glaring in their face, and will they put the interest of the public over their own and their friend's? The answers are no and no."

Colantuono, of Colantuono Highsmith and Whatley of Pasadena and Grass Valley, was hired by the water district to pursue the appeal. Vierra attended Friday’s hearing, as did district manager Brian Lee and water district director Charles Baughmann.

In court last week, Colantuono told the judge the district “may well be liable to cover” the \$9,000 judgment against Vierra, and may be required to pay his legal bills.

SLV Water legal tab: nearly \$240K

By Barry Holtzclaw | Posted: Tuesday, March 21, 2017 2:50 pm

The legal bills for the San Lorenzo Valley Water District's conflict-of-interest case keep growing, likely reaching nearly \$240,000 this week.

The water district board had an opportunity this week to avoid a continuing escalation of legal fees, but its lawyer on Tuesday filed a Notice of Appeal to the Sixth District Court of Appeal.

This ensures another two years of legal bills to paid by district ratepayers, unless the board changes its mind.

The district has already paid nearly \$110,000 in legal fees through January to Atkinson Farasyn of Los Altos and Colantuono, Highsmith and Whatley of Pasadena and Grass Valley for the legal defense of former director Terry Vierra, according to records and statements supplied by the district.

Vierra was judged in December to be in violation of California conflict-of-interest laws while on the water district board in 2010.

The most recent payments were approved by the water district board of directors last week.

At the March 16 water district board meeting, several ratepayers complained about the bills, and requested a specific accounting of the costs of paying Vierra's legal bills.

The water board voted unanimously to ask the district staff to prepare a report on legal bills for the April 20 meeting, but district counsel Marc Hynes warned them about being too specific.

"We could certainly put together a ledger of what's already been expended," Ratcliffe said at the meeting.

"You can't itemize it," said Hynes.

Costs of taking that appeal to the next level likely will double the district's legal tab.

In two meetings this year, in February and just last Thursday, March 16, on the eve of its latest court defeat, the water district board of directors paid \$18,052 to Atkinson et.al. and \$42,620 to Colantuono et.al. for the Vierra case.

Those payments do not count any legal fees to be billed by the Atkinson firm after Feb. 9, or by Colantuono firm after Jan. 31, estimated at \$50,000, based on the \$36,000 January bill. The fees pay for the legal representation of the former director for actions he took in 2010. He did not seek reelection in 2014.

In addition to that \$170,000 total, a motion expected to be filed this week by the lawyer for the winning plaintiff in the Vierra case, Bruce Holloway of Boulder Creek, seeking payment of his legal bills is expected



SLV Water District

Streams like Love Creek are the primary source of water for the San Lorenzo Valley Water District.

to be in the \$70,000 range. In such cases, defendants on the losing end of judicial decisions generally pay the legal costs of the plaintiff.

Holloway's attorney, Gary Redenbacher of Scotts Valley, said in court documents filed in August that Holloway's legal bills up to that point were about \$49,000. The filing expected this week would add additional money for legal bills for the remainder of 2016 leading up to the Dec. 13 hearing, plus the first three months of 2017, in preparation for the district's appeal.

The water district also continues to pay \$3,500 per month to the Atkinson for district counsel Marc Hynes.

Water district manager Brian Lee told the Press Banner in December that the district's legal fees had already exceeded \$59,000.

The Colantuono firm was added to the district's legal team specifically to convince courts to overturn the Dec. 13 decision that former director Terry Vierra and his wife pocketed \$12,006 in real estate commissions as a result of Vierra's participation in water district decisions.

All of the motions presented by attorney Michael Colantuono at the March 17 Superior Court hearing were rejected by Judge John Gallagher. The district had asked Gallagher to vacate his earlier ruling and order a new trial with new evidence.

The water district board voted 4-1 in January to seek a new trial and reaffirmed its commitment to paying all of Vierra's legal bills and the \$9,000 in fines imposed by Gallagher.

In response to numerous ratepayer complaints, Lee and board president Gene Ratcliffe have consistently placed responsibility for the soaring legal bills not on Vierra or board decisions, but on Holloway. They contend the district has a legal obligation to pay Vierra's legal bills.

"Holloway's decision to sue over a small mistake has resulted in tens of thousands of dollars in legal expenses the district has paid," Lee wrote to the Press Banner in December.

Santa Cruz Sentinel (<http://www.santacruzsentinel.com>)

Grant will create a more sustainable San Lorenzo Valley watershed

Plan will increase groundwater storage and improve streamflows in summer

By Ryan Masters, Santa Cruz Sentinel

Thursday, March 23, 2017



SAN LORENZO VALLEY >> The crystalline waters of Fall Creek erupted into luminous whitewater Thursday as it rushed down the steps of the fish ladder.

“We’re incredibly fortunate to have such clear and cold water year-round,” said San Lorenzo Valley Water District’s environmental programs manager Jen Michelsen as she watched from above. “The valley’s water is an incredible resource.”

It’s a resource that will be more sustainable and friendlier to steelhead trout thanks to a \$330,000 grant to the Water Resources Program of the County of Santa Cruz and SLVWD.

The State Wildlife Conservation Board grant, which draws from Proposition 1 funds, will support the development of the San Lorenzo Watershed Conjunctive Use and Baseflow Enhancement Plan, which is designed to increase groundwater storage and improve San Lorenzo River streamflows during dry summer months.

“The San Lorenzo Valley Water District operates a complex system that includes three systems,” said Michelsen. “This plan will allow us to transfer water from one system to another in order to give our groundwater wells a rest in the winter.”

The north system supplies Boulder Creek, Brookdale, Ben Lomond, Quail Hollow, Glen Arbor and Zayante. It utilizes conjunctive streams draining off Ben Lomond Mountain, Michelsen said.

The south system supplies Whispering Pines Drive, Lockwood Lane, Hidden Glen, Estrella Drive, Twin Pines Drive, Oak Tree Villa, Spring Lakes and Vista Del Lago Mobile Home Parks, which draws solely from groundwater, she said.

The third is the Felton system, which draws from Fall Creek in the winter and groundwater in the summer.

The plan will optimize routine exchanges of water that would increase water diversions during wet winters while allowing the overdrafted Santa Margarita Groundwater Basin to replenish, according to Sierra Ryan, water resources planner at the County of Santa Cruz.

The Santa Margarita Groundwater Basin forms a roughly triangular area between Felton, Ben Lomond and Scotts Valley. Under the 2014 Sustainable Groundwater Management Act, the Santa Margarita Groundwater Agency was formed to achieve groundwater sustainability by 2040, a solution that will involve aspects of the plan — water efficiency, increased groundwater recharge and supplemental supply. The agency is set to be formally established on April 19.

The largest challenges facing the plan, Michelsen said, will be altering Fall Creek water rights agreements and acquiring environmental approval to use the intertie pipeline, currently only used for emergencies, to connect the various systems on a long-term basis.

“The plan is not legal yet,” said Michelsen.

The plan also calls for the reduction of surface water diversions to improve steelhead habitat, said Ryan. Low summer river levels are currently inhibiting rearing of juvenile steelhead. Increased flow in San Lorenzo Valley Watershed streams such as Fall Creek is vital to the recovery of the threatened species.

The San Lorenzo Watershed Conjunctive Use and Baseflow Enhancement Plan should be implemented by Dec. 31, 2019, according to Michelsen. It will be developed through a partnership between the county and the SLVWD, with support from the Scotts Valley Water District and City of Santa Cruz.

For information about the Santa Margarita Groundwater Agency, visit smgwa.org.

URL: <http://www.santacruzsentinel.com/environment-and-nature/20170323/grant-will-create-a-more-sustainable-san-lorenzo-valley-watershed>

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SLV water district faces rate increase in 2017

By Barry Holtzclaw | Posted: Sunday, February 26, 2017 12:53 am

The San Lorenzo Valley Water District is headed for a busy year that is likely to include another round of hearings to increase water rates.

The district's last year of a three-year rate increase went into effect in 2016, and the district's board of directors – facing tough infrastructure needs and rising pension costs with a declining revenues because of successful conservation efforts – voted unanimously last month to seek bids for a rate study. This study of revenues, expenses, rate structures and water usage is the state of California's required first step in determining new multi-year water rates.

The board pledged public forums and meetings to discuss its finances and rate structure in the months ahead. It is unlikely water rates could be increased much before the end of the year.

The board this month also resurrected a new version of the “campus” analysis that resulted in an explosive controversy three years ago, seeking proposals from architects to study whether the current offices and facilities are adequate for a staff it expects to grow this year.

The board agreed this month to unanimously hire a full-time human resources manager, in the \$75,000 salary range. Last year, it had embraced a long range plan to increase its 26-member staff by 50 percent over several years, to better handle administration and services in the sprawling mountain district.

These studies are likely to be in the mix in the board' consideration of the size of any package of water increases.

Directors already are getting some opposition.

A group that had led the fight against the initial rate proposal, which had initially included a new office campus, San Lorenzo Valley Watchdogs, has resurrected its Facebook page and joined ratepayers in opposition to the payment of legal bills for former director Terry Vierra, who a judge in December ruled had violated state conflict-of-interest laws when he was on the water district board in 2010.

The legal costs of a continued appeal of the Vierra case also are likely to be in the mix in any public discussion of water rate increases. The board already has paid over \$70,000 in legal fees, and faces plaintiff legal bills, judgment fees, and continued legal fees if it continues to appeal the case.

Another wrinkle has been added to the legal fee issue, since the board's Administrative Committee is proceeding on a 2016 mandate to review its corporate counsel contract. Request for proposals were sent out



Water could get more expensive in SLV

SLV Water District faces more expenses and declining revenues.

and a number of law firms submitted proposals to replace Marc Hynes, the longtime water district council member who represent both Vierra and the water district in the proceedings. Hynes reportedly submitted a proposal, and the issue could come before the whole board this spring.

KSCO's Rosie tells SLVWD: Stop appeal

By Rosemary Chalmers | Posted: Monday, March 27, 2017 9:41 pm

Rosemary Chalmers, host of "Good Morning Monterey Bay" on KSCO 1080 AM, lives in Ben Lomond, and is a ratepayer in the San Lorenzo Valley Water District.

On Tuesday, March 21, she read a story in pressbanner.com: "SLV Water legal tab: nearly \$240K." The next day, she greeted her radio audience by saying, "My blood pressure is just soaring through the roof this morning, ladies and gentleman."

Here is a transcript of what she said next, reprinted here with her permission:

The San Lorenzo Valley Water District – seemingly a group of people that are incompetent, and they are imbeciles. Brian Lee in my in my personal opinion needs to be fired from the position of general manager.

Let me tell you, you've heard me talk about this more often than not, and it's an important situation – that they are behaving like a little government all on their own.

The costs to the ratepayers, of which I am one, for them to pursue the lawsuit involving the former board director Terry Vierra and his conflict of interest – which they lost again last Friday to Judge Gallagher; they have until the 24th to decide whether to go forward or not, and yes, they are going forward.

It looks like the costs right now according to Barry Holtzclaw of the Press Banner are going to be likely reaching nearly \$240,000 this week. This is disgusting and it's disgraceful.

Now I ask you, here is the crux of the matter, and people have been telling me things because people know I am interested in this: Why is the district continuing to pay and to push to pay Mr. Vierra's bills in the case of the piece of real estate property purchased, on which he and his wife made \$12,000 when he was on the board of directors?

Could it be, ladies and gentleman – and I'm just putting this out there into the ether –could it be that Mr. Vierra said to Mr. Lee, when Mr. Lee was to be hired, "OK, you come on in, and I'll help get you the job and when the time comes, you'll have my back."

And now Mr. Lee, who is the general manager of this ridiculous organization – and by that I refer to the board and the general manager, I'm not talking about the workers –could it be that Mr. Vierra said, "If you don't, I'm going to sue you?" And that's why they are having a closed-door meeting today (March 22)?



KSCO's Rosemary Chalmers

Rosemary Chalmers, commentator and SLV Water ratepayer

Mr. Lee's job is definitely under scrutiny, as well it should be, and I'm telling you when the next election comes up, there's going to be some empty seats on that board.

Mr. (Bill) Smallman is the only person who has spoken up.

When I had Gene Ratcliffe, head of the board, here last week: "Oh no, we can't tell you about that." No, of course they won't tell us about that. There's something damn well going on here, and to foist that money on the backs of the 7,900 homes that are in the SLV when the infrastructure of the system is collapsing is disgusting, absolutely disgusting: 7,900 homes, or customers as they say – there are more than that.

How are we going to shoulder this bill, how are we going to pay it? Are we going to sell some of the properties that have already been purchased that couldn't be used in the first place? Oh, I bet we're not going to do that.

I just cannot believe their sheer bloody incompetence as a board of directors. Gene Ratcliffe should resign as the head of that board for allowing this to go forward. We're talking about a minimum of two years forward from now to get this seen and the judge turned them down on 11 items on Friday and still they're going forward – a bull-headed group of idiots.



County of Santa Cruz

Agenda: 4.20.17
Item: 15j

DEPARTMENT OF PARKS, OPEN SPACE & CULTURAL SERVICES

979 17TH AVENUE, SANTA CRUZ, CA 95062

(831) 454-7901 FAX: (831) 454-7940 TDD: (831) 454-7978

JEFF GAFFNEY
DIRECTOR

March 24, 2017

Brian Lee
District Manager
San Lorenzo Valley Water District

RECEIVED

MAR 27 2017

SAN LORENZO VALLEY
WATER DISTRICT

Handwritten signature
For Board
April 20

Dear Mr. Lee,

The Santa Cruz County Parks Department is creating a Strategic Plan! This plan provides an opportunity for our stakeholders to voice priorities and help us plan the future of our local and regional County Parks system.

As a core partner, we hope you will participate in our strategic planning process and consider getting the word out within your community about how to get involved. Your input is critical to identify how we can innovate together and complement each other's efforts in the coming years.

We are holding a series of public meetings throughout the County this spring and we hope you will share this information with your staff and interested community members:

- Wednesday, **April 26**, 6:30 PM: **Ben Lomond**: Highlands County Park
- Thursday, **April 27**, 6:30 PM: **Watsonville**: Civic Center Community Room
- Tuesday, **May 2**, 6:30 PM: **Davenport**: Pacific Elementary School
- Saturday, **May 6**, 10:00 AM: **Aptos**: Aptos Village Park
- Thursday, **May 11**, 6:30 PM: **Live Oak**: Community Room at Simpkins Family Swim Center

We'll be sending out additional information to you and a link to an online questionnaire in April. You can visit www.scparks.com/strategicplan for updates throughout the process, and feel free to contact our Park Planner, Will Fourt, at will.fourt@santacruzcounty.us or 831-454-7910 with any questions or comments.

We look forward to your collaboration and thank you for your efforts in the community!

Regards,

Jeff Gaffney
Director of Parks, Open Space and Cultural Services

PLEASE JOIN US!

YOUR COUNTY, YOUR PARKS



Public Meeting Dates & Times

Wednesday, April 26, 6:30-8:30 PM	Ben Lomond - Highlands County Park, 8500 Highway 9
Thursday, April 27, 6:30-8:30 PM	Watsonville - Civic Center Community Room 275 Main St. (upstairs)
Tuesday, May 2, 6:30-8:30 PM	Davenport - Pacific Elementary School, 50 Ocean St.
Saturday, May 6, 10:00 AM-12:00 PM	Aptos - Aptos Village County Park, 100 Aptos Creek Rd.
Thursday, May 11, 6:30-8:30 PM	Live Oak - Community Room at Simpkins Family Swim Center, 979 17th Ave, Santa Cruz

Strategic Plan Public Meetings

The Parks Department is holding a series of meetings throughout the county, and we need to hear from you and your neighbors! Your input is essential as we create the document that will help guide the department's work over the next decade. What do YOU want to see in YOUR County Parks? Please join us as we look to the future of our parks, programs, and facilities! Childcare and translation services (Spanish language) will be available.



Please RSVP for a meeting!
For more info. or to RSVP, please visit
www.scparks.com/strategicplan



Know Your County Parks!



YOUR COUNTY, YOUR PARKS

The Santa Cruz County Parks Department provides parks, coastal access points, and a wide variety of programs and activities for all ages throughout the county.

Regional Parks



Regional parks, located throughout the county, include Quail Hollow Ranch in Felton, Polo Grounds in Aptos, and Pinto Lake in Watsonville.

Neighborhood & Community Parks



Among the county's 29 neighborhood and community parks are Highlands Park in Ben Lomond, Brommer Park in Live Oak, Seascape Park in Aptos, and Aldridge Lane in Corralitos.

Simpkins Family Swim Center



The Swim Center, also a regional park, is located in Live Oak. Among the aquatic programs offered are swim lessons, recreation and lap swim, water exercise, and water polo, as well as the popular Pool Jr. Guards and Little Guards summer camps.

Coastal Access Points



Coastal access points include Scott Creek Beach near Davenport, Sunny Cove Beach in Live oak, and Hidden Beach in Aptos.

Community Events



Pictured here - Parks & Rex pool party, where dogs can take a dip in the pool; other events include the Holiday Art & Craft Faire and the Floating Pumpkin Patch.

Arts



The Percent for Art Program, art exhibitions at the Government Center, Artist of the Year, and Outside the Box are just a few of County Parks art-related programs.

Youth Programs



School-age youth can enjoy a variety of camps and programs, including Nature Adventure and Science Sleuths at Quail Hollow Ranch, Kreative Kids at Wilder Hall, and art and science camps at Aptos Park. Afterschool programs are held at Mar Vista Elementary and La Selva Beach clubhouse.

Adult & Senior Programs



Programs for adults and seniors include local day trips (pictured, trip to Harley Farms), water and dry-land exercise classes at the Swim Center, Spanish language and tap classes, interpretive hikes and workshops at Quail Hollow Ranch, and the Mall Walk Program.

Teen Programs



Zombie Camp (pictured), for ages 11-14, is held at Aptos Park. Also, teens can gain valuable job skills while having fun by volunteering as a Junior Leader at County Parks youth summer camps, as well as assisting with after-school programs.

Santa Cruz Sentinel (<http://www.santacruzsentinel.com>)

Praiseworthy: SLV Water District grant deserves kudos

Sunday, April 2, 2017

Thank you to the staff and board of SLV Water District who along with the Water Resources Program of the county of Santa Cruz, secured a significant grant that will increase groundwater storage and improve summer stream flows in the San Lorenzo Valley.

I appreciate the district's dedication to the environment and the ongoing work in maintaining a healthy watershed. Water systems are increasingly complex and I'm grateful for this top notch public agency and their environmental stewardship.

— Nancy Gerdt, Felton

The Sentinel welcomes your letters to the editor. Letters should be short, no more than 150 words. We do not accept anonymous letters. Letter-writers should include their full name as well as a street address and telephone number. We don't publish those details in the newspaper, but need the information for verification purposes. Occasionally, we reject letters simply because we've had so many on the same subject. Submit your letters online at santacruzsentinel.com/submit-letters.

URL: <http://www.santacruzsentinel.com/opinion/20170402/praiseworthy-slv-water-district-grant-deserves-kudos>

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March 20-26
Fix a Leak Week



Running Toilets Waste Water and Money!

Common household leaks are easy to fix. Ready to stop the drops? Start by tackling your toilet.

To check for a leaking toilet:

- Place 10 drops of food coloring into your toilet tank.
- Wait 15 minutes.
- Look in the bowl: if you see color, you've got a leak!

For more Fix-a-Leak-Week tips and free toilet leak detection dye kits, visit one of these participating water suppliers:



SANTACRUZ.COM | GOODTIMES.SC | MARCH 22-28, 2017

N**Santa Cruz Weekly NEWS****PUMPED UP***As more water districts join regional chats, Santa Cruz studies its supply options***BY JACOB PIERCE**

The Santa Margarita Basin stretches from Highway 17 to Felton, under the homes and roads of Scotts Valley. The overdrafted aquifer has a few billion gallons of potential water storage capacity, which is more than some experts had imagined.

"It's nobody's basin. It just happens to be closer to us," says Scotts Valley Water District (SVWD) General Manager Piret Harmon. "And it has been identified as a very suitable basin for water storage."

Environmentalists and engineers have talked over the years about creating a regional water solution to provide long-term sustainability. Normally, that involves the city of Santa Cruz and the Soquel Creek Water District, as laid out in the 2015 Water Supply Advisory Committee (WSAC) recommendations. The basic idea is to rest drying mid-county groundwater wells with excess river water from the city of Santa Cruz that could eventually get pumped back during dry summers when the city is running low—a process sometimes called "conjunctive use."

But another possibility suggested in those plans—although it garnered considerably less discussion for a long time—is the idea of similarly sharing flows with Scotts Valley. So in the past year, Harmon has been discussing regional solutions not just with Santa Cruz, but also with the neighboring San Lorenzo Valley Water District.

"This is something that's being encouraged by the state, and we're a little ahead of the curve. Water rights are a very arcane system," says SVWD board vice president Chris Perri, who notes that pumping groundwater out of shared basins had gone wildly unregulated for years. "And water districts don't tend to share well with each other. It goes way back in California. The old joke is that whiskey is for drinking and water is for fighting."

Perri—who found local fame in the '80s playing guitar for Eddie and the Tide—says the problem right now in Santa Cruz County isn't a shortage of water at all. "It's just in the wrong place at the wrong time," he says. Santa Cruz 515als and San

Lorenzo Valley Water District general manager Brian Lee are in the early stages of studying possible sites at which to inject winter water into the deceptively large basin under Scotts Valley. The SVWD Board also has the option of upgrading its recycled water plant and injecting that highly treated wastewater back into the basin to recharge the aquifer that way. It's a project with a much heftier price tag, although Harmon will look into seeing if the district can secure grant funding. If successfully done together, these two options could provide a major water reserve.

All this would benefit SLVWD greatly, says Lee, whose board directed him to collaborate with other districts when it hired him two years ago. The water would support San Lorenzo Valley's wells, and some of it would probably teem out into the mountain streams, too.

"Which is a good thing," Harmon says,

because higher stream flow would support fish habitat and supply a little extra drinking water as it rolls out to sea. "But when it comes to storage, we can't have 50 percent of the storage constantly leaking."

The three departments around the Santa Margarita Basin are forming a groundwater sustainability agency, which will begin meeting this year to develop a plan for managing the aquifer.

The Santa Cruz Water District, meanwhile, is near the beginning of a year-long process to study and implement the WSAC recommendations that initially grew out of activists' fight against a proposed desalination plant. The pilot programs involve several moving parts, with staffers studying a number of questions.

In something of a chemistry experiment the city's water department is working with Soquel Creek leaders to create a pipe loop to test how water travels through the plumbing systems of the two agencies, as well as how the water supplies mix. Engineers want to make sure the pipes don't corrode and the water doesn't have

any bad reactions. Next winter, experts aim to start drilling pilot wells to see how fresh water and underground basins react with one another.

If these options somehow fail to produce enough water at a low enough cost, the WSAC recommendations point the City Council to consider recycled water, with desal as a backup—two options experts are also looking at.

Staffers will finish their tests in the next three years, said Santa Cruz Water Director Rosemary Menard at a joint meeting with the Santa Cruz City Council and the water commission last week. After that, the council will vote on which water supply option to pursue by 2020, and workers will have until 2025 to finish the project.

Greg Pepping, who represented the Coastal Watershed Council on the WSAC, reminded the City Council that, whatever solution the city chooses, it must provide enough water flows to create substantial fish habitat.

David Baskin, another former WSAC member who now serves on the Water Commission, stressed that the council can't kick this down the road. "The community has known that it had a serious water supply problem for some 50, 60 years. This is not the first time we've visited it. But this has to be the time that we actually get there," Baskin said.

When it comes to recycled water, there are currently no specific guidelines for how to safely and legally distribute it in California. But the State Water Resources Control Board drafted a feasibility report in December, outlining how to develop healthy, foolproof standards for a method, not uncommon in other parts of the world, that's sometimes known by the more crude nickname "toilet to tap."

Although Santa Cruz appears to have quite a few water supply options in front of it, the city doesn't have time to try them out one by one, before moving onto the next idea.

"We can't do them sequentially," City Councilmember Cynthia Mathews says. "We have to do them simultaneously in the piloting process."

SLV water board to vote on appeal

By Barry Holtzclaw | Posted: Tuesday, March 28, 2017 7:17 pm

The Board of Directors of the San Lorenzo Valley Water District has scheduled a special meeting for 6 p.m., on Monday, April 3 to decide whether to appeal a Superior Court ruling in the conflict-of-interest case of former director Terry Vierra.

The surprise announcement of the meeting was posted on the district's website on Wednesday, but word of it came in an email to the Press Banner from water district General Manager Brian Lee Tuesday evening, approximately eight hours after members of the water district Board of Directors were asked in emails from the Press Banner whether a vote to appeal had ever been taken.

"NO action has been taken by the SLVWD board regarding a decision to appeal in the Holloway case," wrote Lee, referring to the December 2016 court decision against Vierra, ruling that he violated state conflict-of-interest laws in 2010.

Vierra and his wife received real estate commissions for the purchase of the property by the water district.

The judge ruled that Vierra had participated in that decision, to his own benefit.

The lawsuit had been initiated by Bruce Holloway, a retired engineer in Boulder Creek.

"I assume that you are expressing an interest regarding the paperwork filed with the court last week. Lawyers filed that paperwork by the court-imposed deadline in order to ensure the board had an opportunity to discuss the issue of appeal and make a decision," Lee wrote.

"The Board Chair has called a special meeting for Monday, April 3 at 6 p.m. to discuss exactly that: appeal or not appeal," wrote Lee.

Only director Bill Smallman had responded to the Press Banner inquiry, about an hour after the questions were sent Tuesday via email. His version differed from Lee's.

"I think we voted (in January) on asking for the new case, and never specifically voted on the appeal," Smallman wrote in an email to the Press Banner.

"It was understood that if the new case request was denied we would appeal, but Ratcliffe did not say anything to that effect after that meeting."

"At some point I think I should say we should discuss and vote on continuing the appeal," he wrote.



Bill Smallman

Bill Smallman of Lompico is the lone member of the board of directors of the San Lorenzo Valley Water District who voted against seeking a new trial.

Smallman was the only director who in January voted against seeking a new trial. The district's bid for a new trial for its former director was rejected on March 17 by Judge John Gallagher in Santa Cruz, and a Notice of Appeal was filed on March 21 by lawyers hired by the water district to represent Vierra. The board met in closed session the next day.

The Press Banner email to each district director asked:

“When did the board of directors take a vote to appeal the Holloway v Vierra case to the Court of Appeal? Which minutes would that be in?”

Continuing with the appeal without a board of directors vote could put the board on another collision course with state law, according to one legal expert.

Terry Francke, a lawyer and recognized expert in open meetings and public records law in California, said Tuesday that a specific vote is required to proceed with an appeal of a court judgment.

The section of the California Government Code called The Brown Act requires that “the legislative body of any local agency shall publicly report any action taken in closed session, and the vote or abstention of every member present thereon, as follows:

“Approval given to its legal counsel to defend, or seek or refrain from seeking appellate review or relief... shall be reported in open session at the public meeting during which the closed session is held.”

Francke is a founder of Californians Aware, a nonprofit, nonpartisan public interest organization advocating openness in government. He is a former executive director and general counsel for the California First Amendment Coalition, and former legal counsel for the California Newspaper Publishers Association.

The well-known appellate law firm of Colantuono, Highsmith and Whatley of Pasadena and Grass Valley began working for the district in December, shortly after Vierra lost the lawsuit. The district board of directors voted last month to pay the Colantuono firm \$42,620 for legal work in December and January on the Vierra case.

Michael Colantuono had argued unsuccessfully on March 17 on behalf of Vierra's motion for a new trial.

Continuing legal bills for Vierra's defense have become a subject of public criticism at water district board meetings. The district spent nearly \$120,000 on the case through January, and total bills in the case could reach \$240,000, a figure that does not include pursuit of a lengthy legal battle in the Sixth Court of Appeal.

Ratcliffe promised – and the board voted – at last week's monthly board meeting to have the district prepare a report of the legal bills representing former director Vierra, which Lee and Ratcliffe blame on Holloway, not on Vierra or on the board's decision to pick up the tab.

SLV's Brian Lee gets \$5,523 raise, possibly another \$7,200

By Barry Holtzclaw | Posted: Friday, March 31, 2017 9:48 am

Brian Lee, district manager for the San Lorenz Water District, received a "Satisfactory to Good" rating at a closed-door annual employee evaluation on March 22, it was announced at the meeting.

The board decision, which followed several rounds of closed-door discussions, enabled Lee, who was hired in January 2015, to be eligible for the same 3.05 percent Cost of Living Adjustment raise as the rest of the management team, retroactive to Jan. 1, 2017, said Holly Morrison, administrative assistant and board secretary.

Lee is the fourth-highest-paid public employee in the mountain communities of Scotts Valley and the communities of the Santa Lorenzo Valley.

He was hired at \$13,750/month, or \$165,000 per year, according to Morrison. Last January his salary was increased 7.75 percent, to \$14,816/month, or \$177,792 per year.

The new cost-of-living raise boosts his monthly salary to \$15,268, an annual salary of \$183,215.

The board is to discuss a performance/merit increase for Lee at its April 20 board meeting, of up to 4 percent, which would increase his annual salary to \$190,543, or \$15,878 per month. That would move him to within about \$560 of the annual salary of Tanya Krause, Superintendent of the Scotts Valley Unified School District.

SLVWD drops appeal, won't pay Vierra's judgment

By Barry Holtzclaw | Posted: Monday, April 3, 2017 9:47 pm

In a dramatic turnaround, the San Lorenzo Valley Water District Board of Directors voted unanimously on Monday, April 3 to spend no further money on the Terry Vierra conflict-of-interest case.

This means the water district will not finance an appeal of a Superior Court judgment against former director Vierra, will not pay that \$9,006 judgment, and will not pay up to \$101,583 for the victorious plaintiff's attorney fees.

The district will still be on the hook for up to \$170,000, but its actions Monday spared it another possible \$210,000.

Payment of the judgment and the plaintiff's legal bills, and the decision whether to appeal "will be his [Vierra's] choice moving forward," said board President Gene Ratcliffe in a statement Monday evening.

Ratcliffe revealed for the first time that Vierra had written the water district directors a letter requesting that the board pay his legal bills.

She refused multiple requests from the Press Banner to release a copy of the letter to the public.

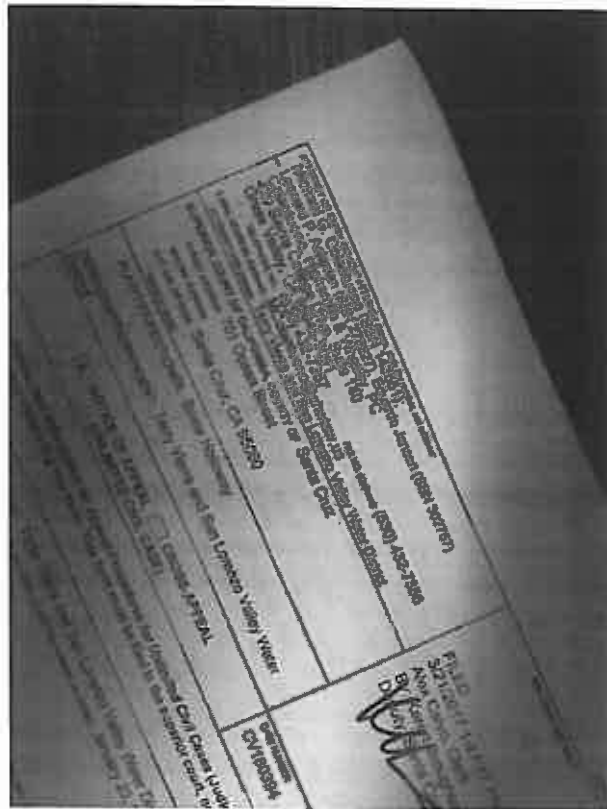
Vierra did not respond to requests for comment.

The board's actions were announced by Ratcliffe following a 55-minute closed-door discussion. Ratcliffe defended the board's decisions to pay Vierra's legal bills in the initial court case and the unsuccessful attempt to seek a new trial.

That executive session followed one hour of comments by 16 members of an overflow, standing-room-only crowd of 36 in the board's meeting room in downtown Boulder Creek. Six people spoke in favor of the board continuing an appeal, and 10 – including two former board members, Randall Brown and Peter Lang – spoke out against appealing the conflict-of-interest case.

Ratcliffe's statement followed weeks of comments by her and the district's general manager, Brian Lee, vigorously defending Vierra's actions and claiming the judge had ruled in error.

Prior to Monday's vote, only director Bill Smallman had objected to paying Vierra's legal fees and pursuing a new trial.



Boards cuts off Terry Vierra

The SLV Water Board won't pay for an appeal of Terry Vierra's conflict-of-interest judgment.

Holloway's lawyer, Gary Redenbacher of Scotts Valley, praised the board's action – and his client: “Bruce Holloway is to be commended for his efforts on behalf of the community to prevent local officials from violating crucial conflict-of-interest laws.”

It was unclear whether the board decision would prevent the district from paying two additional months of legal bills expected this month for its unsuccessful attempt to obtain a new trial for Vierra. Ratcliffe refused repeated requests to clarify this question.

The district hired appellate lawyer Michael Colantuono in December to convince Judge John Gallagher to reverse his own ruling and allow new evidence to be presented at a new trial.

Colantuono began work nearly two weeks before the board voted 4-1 in January to seek the reversal and new trial. Gallagher soundly rejected that attempt the same day it was presented on March 17.

The district's lawyers filed a Notice of Appeal of the case to the Sixth District Court of Appeal four days later, on March 21. The directors met on March 22, but Ratcliffe said Monday they didn't discuss the Vierra case because they hadn't put it on the agenda. The filing deadline was March 24.

Gallagher had ruled Dec. 13 that Vierra, as a water district director, had violated California conflict-of-interest laws, under the Political Reform Act, when he participated in water district decisions in 2010 that resulted in the payment of real estate commissions to his wife and his real estate firm.

Here is a complete text of Ratcliffe's statement:

“During tonight's closed session meeting regarding the case of Bruce Holloway versus Terry Vierra, the San Lorenzo Valley Water District, etc. the board of directors voted to stop all financial commitments to the Political Reform Act case. The motion was made by director [Eric] Hammer, seconded by director Smallman and passed unanimously.

“We are continuing to defend our 1090 victory. When Mr. Vierra requested in writing that the district provide a defense, the board agreed to do so out of an understanding that elected officials are granted the same legal protection as employees under Government Code 995.

“No current directors were members of the board at the time that Terry Vierra's actions took place, However, the board understood that Mr. Vierra's actions were open to interpretation by the court, and that in the opinion of most who reviewed the case, including the judge, Mr. Vierra had attempted to do the right thing. Unintentional or not, the judge ruled that Terry Vierra violated the Political Reform Act.

“The district provided a defense for Terry Vierra. Now that a legal decision has been rendered and reaffirmed by the judge, the district's obligation is complete.

“Mr. Vierra may pay the fine, and opposition attorney fees, or pursue an appeal. That will be his choice moving forward.”

Vierra stuck with lawyer fees and fine

By Barry Holtzclaw | Posted: Tuesday, April 4, 2017 10:17 pm

Terry Vierra's request in late 2014 that the San Lorenzo Valley Water District take on his conflict-of-interest case turned out to be a costly gamble – for him and for the district.

On Monday, April 3, in Superior Court in Santa Cruz, Gary Redenbacher, the lawyer for Bruce Holloway of Boulder Creek, filed papers in Superior Court in Santa Cruz asking the court to order payment of \$101,583 in legal fees.

Monday night, the San Lorenzo Valley Water District, voted unanimously to leave payment of those fees, plus a \$9,006 court judgment – not counting accumulating late fees, up to former water district director Vierra.

The district had paid for Vierra's legal defense for two years, but Monday drew the line on paying for the consequences of its lawyers' unsuccessful efforts – a judgment for the plaintiff.

In matter-of-fact language that contrasted sharply with her aggressive defense of Vierra a month ago, water board President Gene Ratcliffe said Monday:

“The district provided a defense for Terry Vierra. Now that a legal decision has been rendered and reaffirmed by the judge, the district's obligation is complete.”

In a suit brought by Holloway, Superior Court John Gallagher had ruled in December against Vierra, saying he violated California conflict-of-interest statutes. Vierra, a Boulder Creek realtor and liquor store owner, had been the only remaining defendant in the case, which originally also had included the water district as a defendant.

Facing the prospect of soaring legal fees, growing public protests and dwindling chances of winning an appeal, the board on Monday dropped all financial support for Vierra as quickly as it had assumed what it called its “obligation” two years ago.

The board already has paid two teams of lawyers nearly \$120,000 to represent Vierra, the legal fees through Feb. 9. An estimated \$50,000 in February and March legal bills from the district's lawyers – for an unsuccessful March attempt to convince Judge John Gallagher to reverse his own ruling – are headed to the district's list of payables this and possibly next month.

The district had filed a Notice of Appeal in the case on March 21, which would have added another two years to its prior two years of legal bills for Vierra, and run up continuing plaintiff attorney fees.

Monday's twin decisions to drop the appeal and to force Vierra to pay his own court judgments “spared” the district ratepayers at least three payments totaling more than \$210,000 – up to \$110,589 for Vierra's court judgment, another estimated \$60,000 in payments to district lawyers acting in Vierra's behalf, plus another estimated \$40,000 for plaintiff's legal fees if the appeal is rejected.

Under California law, a winning plaintiff's counsel is entitled to be compensated for "all the hours reasonably spent" on the case.

Litigation attorneys say that theoretically, the court is supposed to award all of the claimed fees unless the other side can prove that a fee was somehow excessive or not earned. While courts have considerable discretion in awarding these fees, there is typically less discretion in public-interest litigation, such as the Vierra case.

The request by Redenbacher, a Scotts Valley attorney, that \$101,583 be added to Vierra's judgment will be heard by Gallagher, the trial judge, in court on May 17.

"This case was efficiently and effectively litigated in the face of a well-funded, all-out defense, to a very successful result," Redenbacher said in Monday's filing. "Plaintiff's attorney is entitled to be fully compensated for that accomplishment." He said he worked more than 180 hours on the Vierra case.

"Despite the district's admission that this was a conflict of interest, that they knew about the conflict of interest, and that they receive regular training to prevent conflict of interest, they displayed no interest whatsoever in correcting or stopping their fellow board member from profiting from that conflict of interest," he wrote.

"Under normal circumstances, a public agency that realizes it has entered into an illegal contract will bring an action themselves to set aside the contract or, at the least, maintain an air of neutrality while the prosecutor or private citizen litigates the action rather than make it appear that the agency was complicit in the conflict."

"Instead of displaying even the most basic contrition at allowing this conflict, the district doubled down by providing a vigorous defense for Vierra," Redenbacher wrote. "The extensive media attention generated by this lawsuit also shows that the public has more than a theoretical interest in assuring that local public officials not take actions that enrich themselves."

SLVWD won't release letter from Vierra

By Barry Holtzclaw | Posted: Thursday, April 6, 2017 11:21 am

The San Lorenzo Valley Water District on Wednesday refused to release a letter that it had cited Monday as the reason it decided to pay ex-director Terry Vierra's legal bills for two years.

In an email to the Press Banner, Gene Ratcliffe, president of the district's board of directors, said, "The board has been advised by counsel that the letter you've requested is subject to attorney-client privilege and should not be released publicly at this time."

On Monday, she described the document as a letter from Vierra to the water district board. She did not mention attorneys. The Press Banner sent its first request for the letter Monday evening.

"A letter from an ex-director addressed to anyone in the district, including its legal counsel, would not be privileged," said Terry Francke, a lawyer and recognized expert in open meetings and public records law in California.

"I can tell you with 100 percent clarity, the letter is very straightforward with regard to the request for the district to support Mr. Vierra's defense and contains no other statements, questions or opinions," Ratcliffe said in the email.

She declined to say when the Vierra letter was written, who signed it, to whom it was addressed, or who actually received it.

Ratcliffe also did not say whether the full board ever actually saw the letter on which it based its decision to pay for Terry Vierra's legal defense, or who is currently in possession of it.

She also declined to say whether the board has taken a vote to withhold the letter from the public.

"They are covering up the answer to the 'Why?' – and that's not going to fly," was the response of one of the leaders of San Lorenzo Valley Watchdogs, Mark Messimer, when told of the board's refusal to release the letter. The Watchdogs group has waged a social media campaign against the board's actions defending Vierra's actions violating state conflict-of-interest laws.

The 1968 California Public Records Act, added to the California Constitution in 2014, states that "the people have the right of access to information concerning the conduct of the people's business."

The California Supreme Court in 1986 said: "Implicit in a democratic process is the notion that government should be accountable for its actions. In order to verify accountability, individuals must have access to



Creeks are important drinking water resource in the San Lorenzo Valley

Love Creek in Ben Lomond flows freely after recent storms.

government files. Such access permits checks against the arbitrary exercise of official power and secrecy in the political process.”

In accordance with this policy, public records are broadly defined to include "any writing containing information relating to the conduct of a public's business prepared, owned, used or retained by any state or local agency regardless of physical form or characteristic.”

The California Attorney General, has further stated that: “This definition is intended to cover every conceivable kind of record that is involved in the governmental process and will pertain to any new form of record-keeping instrument as it is developed. Only purely personal information unrelated to 'the conduct of the public's business' could be considered exempt from this definition.

One allowed exemption would be “attorney-client privilege” if the document involved communications by public officials or a public body with a lawyer about ongoing or pending litigation. There is no current litigation or pending litigation between Vierra and the water district. Ratcliffe said the letter in question was a communication from Vierra to the boa