



**BOARD OF DIRECTORS
SAN LORENZO VALLEY WATER DISTRICT
AGENDA
October 15, 2015**

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 regular meeting of the Board of Directors of the San Lorenzo Valley Water District will be held on **Thursday, October 15, 2015 at 6:00 p.m.**, at the Operations Building, 13057 Highway 9, Boulder Creek, 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

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. Adjournment to Closed Session: None

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.

4. Reconvene to Open Session at 7:00 p.m. (time-certain).

5. Report Actions Taken in Closed Session.

6. Minutes:

- a. Minutes of the Special Board of Directors Meeting September 23, 2015
Consideration and possible action by the Board to approve the minutes of the September 23, 2015 Special Board of Directors meeting - CIP Ranking 3.
- b. Minutes of Board of Directors Meeting of October 1, 2015
Consideration and possible action by the Board to approve minutes for the October 1, 2015 Board of Directors meeting.

7. Oral Communications:

This portion of the agenda is reserved for Oral Communications by the public for items which are not on the 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. 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.

8. Written Communications:

- a. Letter from Mountain Community Resources
- b. Valley Women's Club Award

9. 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. SANTA CRUZ MOUNTAIN STEWARDSHIP NETWORK
Consideration and possible action by the Board to approve the Memorandum of Understanding with the Santa Cruz Mountain Stewardship Network.
- b. QUARTERLY LEAK ADJUSTMENT REPORT
Consideration and possible action by the Board to approve the Quarterly Leak Adjustment Report.
- c. QUARTERLY WATER CONSERVATION CREDIT REPORT
Consideration and possible action by the Board to approve the Quarterly Water Conservation Credit report.

10. 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 agenda.

- a. MONTHLY BILLING
Discussion and possible action by the Board regarding monthly billing.
- b. PROPOSITION 218 THIRD PARTY AUDITOR FOR PROTEST BALLOT
Discussion and possible action by the Board regarding the Prop 218 Third Party Auditor for the Protest Ballot.
- c. PROSSER PROPERTY DEMOLITION
Discussion and possible action by the Board regarding the demolition of the Prosser Property.

11. 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 agenda.

- a. BILL LIST FOR PERIOD ENDING OCTOBER 15, 2015
Consideration and possible action by the Board to approve the Bill List Period ending October 15, 2015.
- b. SUSTAINABLE GROUNDWATER MANAGEMENT ACT BASIN BOUNDARIES - LETTER OF INTENT
Consideration and possible action by the Board regarding the SGMA Basin Boundaries letter of intent.
- c. WATER CONSERVATION CREDIT PROGRAM
Consideration and possible action by the Board regarding the Water Conservation Credit Program.

12. District Manager Reports:

Information reports by the District Manager, Staff, Committee and Board of Directors.

- a. MANAGER
 - (1) Department Status Reports
Receipt and consideration by the Board of Department Status Reports regarding ongoing projects and other activities.
 - (i) Q & A from prior Board Meetings
 - (ii) Finance
 - (iii) Operations
- b. COMMITTEE/DIRECTOR REPORTS: None

13. Informational Material:

- a. Tiny Mountain Community - LA Times 9.29.15
- b. SLVWD Proposes Rate Increase - PressBanner 10.1.15
- c. SF Races to Replace Old Pipe - SF Chronicle 10.5.15
- d. Billions needed to fix pipes - AP 9.27.15

14. Adjournment

Certification of Posting

I hereby certify that on October 9, 2015 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 72 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 October 9, 2015

Holly B. Morrison, District Secretary
San Lorenzo Valley

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

September 23, 2015
6:00 p.m.

CONVENE MEETING/ROLL CALL:

Vice Pres. Brown convened the meeting at 6:04 p.m. Roll call showed Dirs. Baughman and Ratcliffe were also present. Vice Pres. Brown noted that President Bruce and Director Hammer are not present and will be excused at the end of the meeting if they do not arrive. District Manager Lee was also present.

NEW BUSINESS:

CAPITAL IMPROVEMENT PLAN - RANKING WORKSHOP 3

District Manager Lee introduced the reason for the workshop and the process. He started by asking everyone to:

- Leave all “baggage” at the door
- Keep an open mind
- Be respectful

Each member of the Board and public are allowed to vote on each of the items in the prioritizing and ranking procedure.

Following is a link to the website showing the table with the results of voting:

<http://slvwd.com/agendas/OTHER/2015/Sep%2023%202015%20CIP%20Workshop%20Final%20Priority%20List.pdf>

Vice President Brown made a motion to excuse the absence of President Bruce and Director Hammer.

ROLL CALL:

Ayes:	Baughman, Ratcliffe, Brown
Noes:	None
Abstain:	None
Absent:	Bruce, Hammer

ADJOURNMENT:

President Bruce adjourned the meeting at 7:45 p.m.

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

October 1, 2015

6:00 p.m.

CONVENE MEETING/ROLL CALL:

President Bruce convened the meeting at 6:00 p.m.

Roll call showed Dirs. Baughman, Ratcliffe and Brown were present. District Manager Lee and Legal Counsel Hynes were also present.

The present Board voted unanimously to excuse Director Hammer.

Staff requested a minor change to the agenda. Item 10a should read "discussion and possible action".

ADJOURNMENT TO CLOSED SESSION:

President Bruce adjourned to closed session at 6:05 p.m.

RECONVENE TO OPEN SESSION:

Pres. Bruce reconvened the meeting to open session at 7:00 p.m. and read the SLVWD Mission Statement.

Roll call showed President Bruce, Dirs. Baughman, Brown and Ratcliffe were present. District Manager Lee and Legal Counsel Hynes were also present.

Director Hammer was excused.

REPORT ACTIONS TAKEN IN CLOSED SESSION:

President Bruce announced no reportable actions.

ADDITIONS AND DELETIONS TO AGENDA: None

MINUTES:

District Manager Lee requested a correction to the minutes regarding item 10a ACWA Region 5 Election. Dir. Baughman voted no but the minutes said that he voted aye.

Charlene DeBert, Boulder Creek, noted that that the on line agenda did not have links to backup documents.

Director Ratcliffe made a motion to approve the minutes of the September 17, 2015 as corrected.

ROLL CALL:

Ayes: Brown, Bruce, Baughman, Ratcliffe
Noes: None
Abstain: None
Absent: Hammer

ORAL COMMUNICATIONS:

Charlene DeBert, Boulder Creek, questioned the use of the fire hydrant near the post office by a particular contractor, why is he special.

District Manager Lee explained that the contractor uses the surplus water often and he was given permission to access the hydrant in question in order to relieve traffic near the downtown office location.

WRITTEN COMMUNICATION: None

CONSENT AGENDA: None

UNFINISHED BUSINESS:

10a INTERIM FUNDING AGREEMENT

District Manager Lee explained that the Scotts Valley Water District has agreed to loan SLVWD \$1 million for 12 months for 2% interest rate and a closing cost of \$2000. Due to the immediate need for the money, President Bruce has signed the loan papers and staff now requests that the Board approve the loan.

Dir. Ratcliffe said that she was very pleased with the generosity of SVWD.

Dir. Brown noted that the loan is from an ideal source and within the parameters set by the Board.

Director Baughman made a motion to accept the Interim Funding Agreement with Scotts Valley Water District.

ROLL CALL:

Ayes: Brown, Bruce, Baughman, Ratcliffe
Noes: None
Abstain: None
Absent: Hammer

10b DRAFT RESERVE POLICY

District Manager Lee said that the Finance Committee and staff have been working on a simplified Reserve Policy for several months. They came up with a draft of the policy that the Committee approved to send to the Board for possible adoption. He noted that this is a target/goal - for 5 years down the road.

Director Brown said that the Committee did a good job of simplifying the structure.

Dist. Mgr. Lee added that there are 3 buckets:

Restricted Funds	Debt Service	
Committed Funds	Capital	\$2 million
“	“	Operational
		\$1.5 million (roughly 6 mos. operating)

Dir. Baughman said that these funds are not for use for income shortfalls.

Dir. Ratcliffe likes that the document is simplified. She also questioned the language of “committed” by the state and requested clarification.

Dir. Baughman said that he likes the simplification and appropriate target levels.

Pres. Bruce asked for clarification of water fund and wastewater fund.

Dist. Mgr. Lee said that is not related to the Reserve Policy.

Dir. Baughman made a motion for the Board to approve the Reserve Policy.

ROLL CALL:

Ayes: Brown, Bruce, Ratcliffe, Baughman
Noes: None
Abstain: None
Absent: Hammer

NEW BUSINESS:

11a BILL LIST FOR PERIOD ENDING OCTOBER 1, 2015

Director Brown noted the new format for the Bill List.

Dist. Mgr. Lee said that we will be working on the format for reporting to the Board as we get more comfortable with the new system.

Pres. Bruce made a motion to accept the Bill List in the amount of \$216,918.98.

ROLL CALL:

Ayes: Brown, Baughman, Ratcliffe, Bruce
Noes: None
Abstain: None
Absent: Hammer

11b 2015 ACWA EVENTS

Dist. Mgr. Lee described the ACWA Events for the remainder of 2015 and suggested that the Board consider attending these events.

Regulatory Summit Bruce & Baughman

Region 5 Fall Event Lee & Brown

Fall Conference Ratcliffe & Hammer

President Bruce made a motion to approve the attendance of the Board and staff to the ACWA events.

ROLL CALL:

Ayes: Brown, Bruce, Baughman, Ratcliffe
Noes: None
Abstain: None
Absent: Hammer

GENERAL MANAGER REPORTS:

District Manager Lee shared information regarding Administrative/Engineering events by the District, focusing on meetings with legislators and public.

COMMITTEE/DIRECTOR REPORTS:

President Bruce shared information from the Sacramento trip. She, Dir. Ratcliffe and Dist. Mgr. met with ACWA Director Tim Quinn, Secretary John Laird and Deputy Directors of the State Water Resources Control Board. The discussions were very productive.

Director Brown said that the Finance Committee discussed the Interim Funding Agreement and the Draft Reserve Policy, all on the evening's agenda.

ADJOURNMENT:

President Bruce adjourned the meeting at 8:00 p.m.



6134 Highway 9 P | 831.335.6600
Felton, CA 95018 F | 831.335.8223

October 5, 2015

Mr. Brian C. Lee
San Lorenzo Valley Water District
13060 Highway 9
Boulder Creek, CA 95006-9119

Dear Brian,

As a token of their appreciation for your program presented on September 30, 2015, a donation has been made in your honor (SLVWD) by the San Lorenzo Valley Rotary Club to support Mountain Community Resources (MCR). We are deeply grateful for this gift that allows us to offer San Lorenzo Valley and Scotts Valley residents stability, and hope for the future.

Thank you for being someone who inspires such gifts.

To learn more about MCR please visit: <https://communitybridges.org/mcr>

Warmest Regards,

Eva-Marie Tordoff
MCR's Program Manager

RECEIVED

OCT 08 2015

SAN LORENZO VALLEY
WATER DISTRICT

cc: Mike Holton

The Valley Women's Club

Invites you to Share in a Joyous
Celebration of Community Service

Honoring the Recipients of the 2015
Hammer-Marcum Award

Hallie Greene & Jim Rapoza

In recognition of their
extraordinary volunteer service to this community

Sunday, October 25, 2015

1:30 – 3:30 pm

Highlands Park Senior Center

Delicious
desserts thanks to
Jeri Oneto and Renee Kuehl

and

Music by
Steve Abrams, Jazz Pianist

Limited Seating. Reserve by October 18, 2015.

Please bring \$12.00 per person to the event, or mail to:
The Valley Women's Club, PO Box 574, Ben Lomond, CA 95005
Childcare Provided, please RSVP if needed

**Event Info and RSVP, and Childcare RSVP, contact
Pam Spehar 246-1206 • pspehar@yahoo.com**

MEMO

TO: Board of Directors

FROM: District Manager

PREPARED BY: Environmental Analyst

SUBJECT: SANTA CRUZ MOUNTAINS STEWARDSHIP NETWORK
MEMORANDUM OF AGREEMENT

DATE: October 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review this memo and authorize the District Manager or his designee to sign on the Memorandum of Agreement for the Santa Cruz Mountains Stewardship Network.

BACKGROUND

The Santa Cruz Mountains Stewardship Network (Network) is a region-wide and cross sector collaboration of organizations committed to practicing effective stewardship on lands they manage and coordinating their efforts with other land stewards to enhance stewardship effectiveness on a regional level. Initially convened in late 2014 by the Sempervirens Fund, the Network began with 23 members, and worked collaboratively to select a foundation-funded facilitating consultant team. With the help of the consultant team, Converge, the Network has held two multi-day meetings in March and June, 2015, focused on understanding each partners' goals and opportunities for stewardship collaboration, developing a Memorandum of Agreement, developing a governance structure for the Network, and identifying initial potential collaborative stewardship projects. A goal of the Network was to have each partner sign on to the Memorandum of Agreement (Attachment 1) at the next Network meeting on September 29-30. Those of us who were not able to sign at the meeting, will have an opportunity to sign at a later date.

It is recommended that the District formally participate in the Network by signing on to the Memorandum of Agreement. The Network is an opportunity to formalize and enhance collaborative efforts the District is already pursuing in order to follow its strategic plan and fulfill its Mission of Stewardship. The Memorandum of Agreement does not obligate the District to provide any funding for the Network at this time, nor does it commit the District to provide funding or staff resources for projects that are not already part of the District's current Budget and Action Plan. Any future funding requests related to the Network would be reviewed at that time and authorization requested from the Board as appropriate.

DISCUSSION

Formation of the Network

In 2015 the Sempervirens Fund completed a Conceptual Area Protection Plan for the Santa Cruz Mountains area. Fifteen partner public agency and nonprofit landowners and land managers, worked for more than two years researching conservation values of the area and, in the process, learned that the Santa Cruz Mountains is managed by more than 25 different agencies and non-profit organizations through a wide array of land management strategies focused on individual units of land but lacking larger landscape level coordination.

Building on this planning effort, the Sempervirens Fund secured funding through the S.D. Bechtel Jr. Foundation and the Bay Area Conservation Initiative of the Resources Legacy Fund to plan and create a more coordinated network of land management partners. To begin this process, Sempervirens released a Request for Proposals in mid-2014 for consultant services to facilitate the formation and establishment of a stewardship network. Sempervirens also invited dozens of organizations to participate in the network. Representatives from these agencies held group interviews of consultant teams in September 2014. Converge, a team of consultants specializing in systems and design thinking and organizational and network strategy, was selected and began designing a network formation process. At the time of consultant selection, Sempervirens also confirmed the list of Network participants initially willing to commit time to the formation effort. Original Network participants are listed in Attachment 2. *It is important to note that the Network will not be limited to this original list; the Network will be developing a governance structure/processes to guide the evolution of the Network, such as Network management, funding, membership criteria and coordination of collaborative stewardship projects.*

Network Activities

Converge began by individually interviewing the designated representatives from the participating organizations in order to understand the organizations and the individuals representing them. The General Manager designated Jen Michelsen, Environmental Programs Manager as the representative. In Converge's experience across the country and internationally, they have learned that effective networks depend on individual, as well as organizational relationships. They advocate the Network should be a combined commitment of the organization and the individual representing each organization, that trust between organizations grows from the personal commitments, and consistent participation, between the representatives. If an individual representative changes jobs within or between organizations and can no longer participate in the Network, then his/her Network representation role should be handed off to a new participant.

Following the individual interviews and information gathering, Converge facilitated two multi- day meetings. The first occurred in March 2015 and over the course of two days focused on building relationships between Network members and identifying shared values and the need for and benefits of collaboration. The second multi-day meeting occurred in June and over the course of three days focused on specifying and

organizing the work of the Network. Major outcomes of the second session included:

- A draft Memorandum of Agreement;
- The formation of three “Impact Teams” focused on leverage points where collaboration is anticipated to on its own: - Building public awareness about the importance of stewardship; - Identifying sources of funding for stewardship projects and the Network; - Identifying and coordinating potential collaborative stewardship projects;
- Selection of the Network’s Core Team to head up its governance, including leading an effort to hire a Network Coordinator;
- Identification of 14 initial stewardship projects with potential for collaboration among network members; Attachment 3, the “Convening 2 Report.” More detail about

The final multi-day meeting of the formation phase of the Network was held at the end of September, with the following objectives:

- Sign the MOA if approved by Boards;
- Clarify and evolve the work of the Core and Impact Teams;
- Refine and agree on network organization and governance issues;
- Develop a two-year timeline for the Network’s development;
- Clarify funding requirements to sustain the Network. *Memorandum of Agreement* The Network MOA (Attachment 1) is consistent with the District’s mission, strategic plan. Restoration and ongoing stewardship of public lands is a critical District mission focus. In addition, the priority focus areas identified in the Preamble to the MOA are also priority areas explicit in the District’s Mission and Strategic Plan:
 - Enhancing Water Quality and Watershed Health
 - Managing Invasive Plant and Animal Species
 - Maintaining Biodiversity and Endangered Species
 - Climate Change Adaptation
 - Monitoring, Research, and Education

- Access to Public Lands

Although signing of the MOA and participation in the Network does not obligate the District to provide funding for the Network at this time, it should be noted that there is the possibility in the future that the Network may request financial contributions in the future to fund Network coordination, depending on the outcome of grant/foundation funding searches. However, any future funding requests related to the Network would be reviewed at that time and authorization requested from the Board as appropriate.

NEXT STEPS

If authorized by the Board, the District will sign the Memorandum of Agreement with the Santa Cruz Mountains Stewardship Network.

Attachments:

- Memorandum of Agreement - Santa Cruz Mountains Stewardship Network
- List of Initial Network Participants
- Network Convening 2 Report

FISCAL IMPACT:

\$0

STRATEGIC PLAN:

Strategic Element 2.4 Watershed Stewardship

Strategic Element 7.1 Develop Strategic Partnerships with Other Agencies

Strategic Element 7.2 Through Active Participation, Establish String Ties with Regional Planning Groups

DISCUSSION

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Building on this planning effort, the Sempervirens Fund secured funding through the S.D. Bechtel Jr. Foundation and the Bay Area Conservation Initiative of the Resources Legacy Fund to plan and create a more coordinated network of land management partners. To begin this process, Sempervirens released a Request for Proposals in mid-2014 for consultant services to facilitate the formation and establishment of a stewardship network. Sempervirens also invited dozens of organizations to participate in the network. Representatives from these agencies held group interviews of consultant teams in September 2014. Converge, a team of consultants specializing in systems and design thinking and organizational and network strategy, was selected and began designing a network formation process. At the time of consultant selection, Sempervirens also confirmed the list of Network participants initially willing to commit time to the formation effort. Original Network participants are listed in Attachment 2. *It is important to note that the Network will not be limited to this original list; the Network will be developing a governance structure/processes to guide the evolution of the Network, such as Network management, funding, membership criteria and coordination of collaborative stewardship projects.*

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- Identification of 14 initial stewardship projects with potential for collaboration among network members; More detail about each of these outcomes is provided in Attachment 3, the “Convening 2 Report.”

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 - Maintaining Biodiversity and Endangered Species
 - Climate Change Adaptation
 - Monitoring, Research, and Education

- Access to Public Lands

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FISCAL IMPACT:

\$0

STRATEGIC PLAN:

Strategic Element 2.4 Watershed Stewardship

Strategic Element 7.1 Develop Strategic Partnerships with Other Agencies

Strategic Element 7.2 Through Active Participation, Establish String Ties with Regional Planning Groups

Santa Cruz Mountains Stewardship Network

Preamble

The mission of the Santa Cruz Mountains Stewardship Network is to help cultivate a resilient, vibrant region where human and natural systems thrive for generations to come.

The Santa Cruz Mountains region has a long history as a place of significant cultural, biological, and environmental diversity which supports many native plant and animal species found nowhere else on Earth. Those who love and value this important region share a rare opportunity and responsibility to protect this unique ecological and cultural heritage and the ways of life it sustains.

The Santa Cruz Mountains region, as we define it, extends from the San Francisco Bay area, south to the Pajaro River and is bounded to the east by the Santa Clara Valley and the Pacific Ocean to the west. The region is comprised of a diverse array of ecosystems which include diverse natural features ranging from ridge tops to alluvial fans, old growth forests, saltwater lagoons, marshes, mudflats, and intertidal zones. Ownership and land use varies from park and open space preserves to privately held timber and agricultural lands interspersed with both rural and urban communities.

Good land stewardship occurs on both public and private lands, “preserved” and “working” lands. The act of stewardship toward land is based on the concept that landowners and land managers take good care of the land for its own sake and for the future, and not only for short-term personal gain. Effective stewardship of a large landscape or region requires an approach that promotes a wide range of beneficial uses or values, including but not limited to ecological, recreational, aesthetic, spiritual, cultural, and economic.

The Network will help coordinate stewardship efforts at the landscape and local scales. Some of the specific priority areas we agree are critical include:

- Enhancing Water Quality and Watershed Health
 - Managing Invasive Plant and Animal Species
 - Maintaining Biodiversity and Endangered Species
 - Climate Change Adaptation
 - Monitoring, Research and Education
 - Access to Public Lands
 - Strong Human Communities and Citizen Engagement
-

Santa Cruz Mountains Stewardship Network

Memorandum of Agreement

This Memorandum of Agreement establishes the Santa Cruz Mountains Stewardship Network, a region-wide and cross-sector collaboration of individuals and organizations who are committed to practicing effective stewardship on their own lands and coordinating their efforts with other land stewards to enhance stewardship on a regional level.

Stewardship Network participants agree that effective land stewardship on a regional level is characterized by:

- Emulating or enhancing natural ecosystem functions
- An active, varied, “mosaic” approach that identifies and promotes a wide range of benefits or conservation values
- Experimenting with a range of stewardship practices as appropriate
- Consistent monitoring and evaluation, adjusting land practices to improve results
- Co-operative efforts and the sharing of critical information
- Identifying and communicating the acceptable and unacceptable thresholds of threat or hazard, and the consequences of action versus inaction
- Responsible and responsive regulation that does not unduly hamper stewardship efforts
- The availability of sufficient resources to achieve long-term goals

Accordingly, participants agree that their primary objectives for forming and joining the Stewardship Network are to:

- Build trust and strengthen relationships within and across sectors and jurisdictional boundaries
 - Value diverse perspectives and approaches to stewardship, exploring together what constitutes best current and future stewardship practices
 - Sense and respond to emergent challenges
 - Identify critical obstacles that hamper stewardship efforts and develop strategies for improving effectiveness
 - Collaborate where individual and regional stewardship goals converge
 - Leverage existing activities and resources and avoid duplication of stewardship efforts
 - Share information in order to enhance knowledge and promote best practices that support long term sustainability
 - Inform other landowners, the public at large, potential project funders, regulators, and legislators about the importance and value of effective stewardship for enhancing the health of the Santa Cruz Mountain region
 - Recognize and support landowners and private businesses who are advancing stewardship goals and are using best practices
 - Ensure adequate resourcing for long term stewardship efforts
 - Educate and recruit future stewards of the land
-

The Undersigned, while not legally bound, share the intention to support the primary objectives of the Santa Cruz Mountains Stewardship Network as outlined above. Participating members of the Stewardship Network sign on behalf of their organization as an authorized representative.

Organization _____

Name _____ Title _____

Signed _____ **Date** _____

Organization _____

Name _____ Title _____

Signed _____ **Date** _____

Organization _____

Name _____ Title _____

Signed _____ **Date** _____

Organization _____

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Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

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Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

Organization_____

Name_____Title_____

Signed_____ **Date**_____

Santa Cruz Mountains Stewardship Network – Participating Organizations

As of June 2015, the Santa Cruz Mountains Stewardship Network is comprised of one or more representatives from each of the following organizations:

Amah Mutsun Tribal Band of Ohlone/Costanoan Indians

Big Creek Lumber

CAL FIRE San Mateo – Santa Cruz Unit

Cal Poly Swanton Pacific Ranch

California Department of Parks and Recreation

Girl Scouts of Northern California

Land Trust of Santa Cruz County

Midpeninsula Regional Open Space District

Monterey Bay National Marine Sanctuary

Peninsula Open Space Trust

San Lorenzo Valley Water District

San Mateo County Parks Department

San Mateo County Resource Conservation District

Santa Cruz County Board of Supervisors Office

Santa Cruz County Parks Department

Santa Cruz County Resource Conservation District

Save the Redwoods League

Sempervirens Fund

Stanford University Jasper Ridge Biological Preserve

Terrestrial Biodiversity and Climate Change Collaborative (TBC3)

UC Berkeley Department of Anthropology

UC Santa Cruz Natural Reserves

US Bureau of Land Management



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www.ConvergeForImpact.com

Santa Cruz Mountains Stewardship Network

Report on Convening 2 June 3 – 5, 2015

Prepared by
Converge For Impact
www.ConvergeForImpact.com
New York – Seattle – Portland
July 2015

Santa Cruz Mountains Stewardship Network

Convening 2 Report

June 3 – 5, 2015

I. Overview of Network Progress Through Convening 2

The second convening of the Santa Cruz Mountains Stewardship Network (formerly known as Stewardship 5.0) took place on June 3 – 5 at the Sequoia Retreat Center in Ben Lomond, California. The meeting brought together 24 leaders from local, state, and federal agencies, nonprofits, academia, business, community, and tribal groups.

The mission of the Santa Cruz Mountains Stewardship Network is to ensure the resilience of natural and human systems throughout the Santa Cruz Mountains region for the next 100 years by coordinating collaborative stewardship efforts at the landscape and local levels.

The first network convening in March 2015 focused on building relationships between network members that would sustain the network over time, on exploring areas of shared understanding and values, and on identifying the need for and the benefits of collaboration. Participants left the March convening with agreements to craft a shared definition of stewardship and explore questions about network structure and funding before the second network convening in June.

Whereas the first convening was primarily devoted to building relationships, the second convening focused on identifying and organizing the work of the network. In several facilitated sessions, participants also raised and discussed issues that are critical to the network's health and evolution, thereby deepening trust among network participants.

Principal outcomes of the second convening include:

1. Broad agreement on a draft **Memorandum of Agreement (MOA)**, with detailed suggestions to be incorporated into a final version. The final version will be distributed to the network a month before the third convening, where it will be signed by participants.
2. Formation of three **Impact Teams** that are focused on critical leverage points, or areas where the network as a whole can accomplish more than any organization could accomplish on its own. The teams are focused on building public awareness of the need for stewardship, on identifying sources of funding for stewardship and for the network, and on identifying and coordinating collaborative stewardship projects.
3. Selection of the network's **Core Team**, which will guide the evolution of the network, as well as make and communicate key governance decisions about network management, funding, membership criteria, and collaborative opportunities and projects.
4. Identification of 14 initial **stewardship projects** with potential for collaboration among network members.
5. Inauguration of two **technology platforms** as tools for centralized online communication and collaboration.

6. Agreement on various critical aspects of **network structure and governance**, such as the need for a Network Coordinator, decision making processes, budgetary requirements and funding, membership criteria, and meeting frequency, among others.

The remainder of this report summarizes principal outcomes from the second convening and next steps, in the following sections:

II. Looking Ahead: Convening 3, September 29 – 30

III. Convening 2 – A Detailed Summary

Appendix A – Santa Cruz Mountains Stewardship Network – Participating Organizations

Appendix B – Collaborative Stewardship Projects

Appendix C – Convening 2 Feedback Survey Results and Comments About the Network

Appendix D – Network Evolution

II. Looking Ahead: Convening 3, September 29 – 30

The third Santa Cruz Mountains Stewardship Network convening will take place at the Hidden Villa Retreat Center in Los Altos Hills, California from September 29 at 9 AM through September 30 at 5 PM.

The aspiration is that the third convening will be the beginning of a sustained, collaborative effort in coordinated stewardship of the Santa Cruz Mountain region, and not merely the last convening in this initial cycle of grant funding.

The principal work of the third network convening will be to:

- **Finalize and sign the network's Memorandum of Agreement**, which will include the network's purpose, vision, guiding principles, and a shared definition of stewardship.
- **Continue to clarify and evolve the work of the Core and Impact Teams**, while also continuing to advance collaborative stewardship projects across the network.
- **Refine and agree on critical issues of network organization and governance** that will be key to the network's success, including organizing principles and structures needed to sustain the network, as well as required roles and responsibilities.
- **Develop a 2-year timeline for the network's development**, with a schedule of convenings.
- **Clarify funding requirements for sustaining the network**, together with a plan for identifying and accessing sources of funding.

The third convening will also continue to develop relationships and build trust between stakeholders, which is at the foundation of everything the network aspires to achieve in the near and long-term future.

III. Convening 2 – A Detailed Summary

About the Network

The Santa Cruz Mountains Stewardship Network was convened based on the understanding that impact networks have proven to be a powerful organizing mechanism for effectively engaging with systems-level challenges that are too complex to be effectively addressed by any single stakeholder.

The primary purposes of the network are to:

- Catalyze a diverse group of leaders to build relationships within and across sectors and jurisdictional boundaries
- Share information and best practices
- Identify critical needs and agree on strategies and actions to address them
- Develop funding sources to meet those needs
- Leverage efforts and resources
- Collaborate around common stewardship goals
- Avoid duplication of efforts

The Santa Cruz Mountains Stewardship Network will function as a connected community of organizations and practitioners who share information and coordinate stewardship activities across the region, thereby cultivating the ability to:

- Use a landscape-level understanding as the basis for stewardship and collaboration
- Sense and respond to emergent challenges
- Self-organize around issues and opportunities as they emerge
- Generate systemic approaches to stewardship needs and issues

Convening 2 Outcomes

Following is a detailed summary of the principal discussions and outcomes of the second convening of the Santa Cruz Mountains Stewardship Network.

1. Memorandum of Agreement

Participants reviewed a draft version of a Memorandum of Agreement (MOA), which included sections covering mission, vision, guiding principles, and a shared understanding of stewardship that had been developed by a group of participants from the first convening. The network agreed that the content of the MOA was strong, but some of the language needed revising.

One participant offered to incorporate participants' comments into a revised version that will be distributed to the network a month in advance of the September 29 – 30 convening. Participants will present the revised MOA to their organizations in preparation for signing the document in September.

2. Impact Teams

During small and whole group conversations on Days 1 and 2, participants identified critical leverage points in the region – areas where the network could have greater impact on stewardship of the Santa Cruz Mountain region than any individual organization could have on its own.

The network identified the following principal leverage points:

- **Awareness / Celebrating Stewardship**, including communication, education, outreach, and engagement to increase public awareness of the importance of good stewardship, influence political leaders, shape public policy, and attract funders.
- **Stewardship Projects**, including multi-stakeholder “boots on the ground” projects that demonstrate the benefits of collaborative stewardship, together with the development of techniques for identifying opportunities for collaboration and measuring success.
- **Resources**, including funding to sustain the network beyond the September convening, when the objectives of the initial grant will have been fulfilled and the grant funds nearly expended, as well as funding and human resources needed to implement stewardship projects throughout the region.

Participants used this analysis of critical leverage points to form three Impact Teams, for which individuals self-selected based on interest, expertise, and intersection with organizational priorities.

Each Impact Team analyzed the potentials of their focus area, including a review of such issues as the team’s purpose and mission, existing efforts, possible strategies and project ideas, potential partners, challenges and bottlenecks, funding and resources for the team’s activities, team leadership, and definitions of success by the next convening, by the end of 2016, as well as long-term success.

Each Impact Team developed a project timeline through the end of 2016, assigning next steps to team members. Teams also nominated an Impact Team Lead, each of whom made an initial commitment to serve through the September 29 – 30 convening, and possibly longer.

The results of each Impact Team’s planning effort is described below.

- **Awareness Campaign / Celebrating Stewardship Team**

The team identified greater public awareness about the importance of stewardship as critical to the network’s success. The team determined that the first step toward addressing this need is to educate policy makers and opinion leaders about what good stewardship looks like and the funding that effective stewardship requires.

To this end, the team proposes to design and conduct a series of tours for leaders in the public, private, and nonprofit sectors that showcase examples of successful stewardship and promote the need for a collaborative approach to addressing stewardship needs

throughout the region. The tours will draw attention to the Santa Cruz Mountains Stewardship Network as a means to promote collaboration and increase community participation in stewardship projects.

- **Stewardship Projects Team**

The Stewardship Projects Team focused on developing ways to facilitate the formation of collaborative stewardship projects. To this end, the team is researching various means to share project information across organizations to disseminate learning and best practices, overcome barriers to implementation, as well as connect researchers with stewardship projects that need monitoring and evaluation skills.

In the near-term, the network's Basecamp project management system will be used as a low-cost prototype for a project information exchange. The team will also monitor and facilitate developments in the collaborative stewardship projects identified during the convening.

- **Resources Team**

The Resources Team will develop both short-term and long-term strategies for sustaining the Stewardship Network. The team will use examples of successful collaborative stewardship to promote the network's mission to potential supporters and funders, as well as increase awareness of stewardship and the advantages of collaboration throughout the region.

Initially, the Resources Team will focus on donors who can be approached for potential funding before the September convening, using existing network projects to promote the advantages of the network's collaborative approach to stewardship.

To achieve the long-term goal of sustaining stewardship practices throughout the region, the team's first objective is to obtain funding for a Network Coordinator, essential network tools, and an awareness campaign.

3. The Network's Core Team

Participants selected a five-member Core Team to guide the network, on the assumption that the collaborative work will continue beyond the third convening in September. The Core Team has been tasked with making and communicating key governance decisions about network management, funding, membership criteria, and collaborative opportunities and projects. In addition, the Core Team will lead the effort to hire a Network Coordinator, advise and support Impact Team leads, cultivate network vitality, and ensure healthy network evolution.

4. Collaborative Stewardship Projects

On Day 3, network participants were invited to share stewardship projects for which they needed support or that have potential for collaboration. A list of projects that were presented is included in Appendix B.

This identification of collaborative stewardship projects that the group can undertake together was a particularly significant outcome of the convening, since collaboration was the fundamental purpose for which the network was originally formed.

5. Network Technology Infrastructure

On the final day of the convening, the network was trained on the Basecamp project management system (www.basecamp.com), as well as the Google Drive file sharing and collaborative document system (drive.google.com). The network continues to test both systems as tools for online communication and collaboration, and will revisit the effectiveness of each platform in September.

6. Network Governance – Discussion and Decisions

In a 2.5-hour facilitated decision-making session during the afternoon of Day 2, the network collectively considered the following issues that will be essential to the functioning and evolution of the network. The network developed consensus decisions for each issue, which will be revisited during the third convening in September 2015.

Issues considered include:

Network roles

1. Selection and responsibilities of the Network's Core Team
 - a. The Core Team will be 3-5 people, serving 2-year, staggered terms. The initial Core Team consists of Shelley Ratay, Chris Coburn, Jeff Gaffney, Marlene Finley, and Nicole Heller.
2. Selection and responsibilities of Impact Team leads
 - a. Leads will serve 1 year, rolling terms. Current Leads, at least through September 30, are:
 - i. Awareness/ Celebrating Stewardship: Terry Corwin
 - ii. Projects: Marlene Finley
 - iii. Resources: Jeff Gaffney
3. Hiring and responsibilities of a Network Coordinator
 - a. Working on the assumption that the collaborative work will continue beyond the third convening in September, the Network plans to hire a full-time Coordinator in 2016 on a 3-year contract. The Coordinator will report to the Core Team specifically and to the Network generally.

Network meetings and governance

4. Network meeting frequency
5. How the network makes decisions

Network membership

6. Network membership criteria, including procedures for inviting and onboarding new members
7. Organizations and individuals in the region who should be invited to participate in the network
8. How the network's continuity will be maintained when a member leaves their organization

9. Whether the same individual should always represent their organization in the network
10. Whether an alternate can represent an organization at network meetings
11. Whether participants can bring a guest or alternate to a network meeting
12. Whether the network is a “network of organizations”, or a “network of individuals”

Funding

13. Potential sources for funding the network

Communication

14. How members will communicate to their organizations about the network and its purposes
15. How the network’s objectives will be integrated into the plans of members’ organizations

Principal outcomes from this session were agreements to:

- Draft a job description for a Network Coordinator and design a hiring process
- Schedule three network convenings during 2016
- Develop a budget for anticipated network activities, including a Network Coordinator
- Form a task force to recommend policies for inviting and onboarding new members

Next Steps – Before Convening 3, September 29 – 30

Participants agreed to sustain the work of the network by completing the following tasks before the September convening:

The **Memorandum of Agreement** will be revised and distributed to network participants a month before the September 29 – 30 convening, so participants and their organizations can evaluate the document before signing it in September.

Impact Team leads will:

- Organize at least one meeting before September 29
- Post a project brief on Basecamp
- Add to-do’s and next steps on Basecamp

The **Core Team** will meet at least once before September.

The Core Team is developing a **budget proposal for the network** through 2016 and beyond.

The Converge team is drafting a **job description and hiring process for the Network Coordinator role**.

A special committee is developing a proposal about **how new members are inducted into the network**.

Appendix A: Santa Cruz Mountains Stewardship Network – Participating Organizations

As of June 2015, the Santa Cruz Mountains Stewardship Network is comprised of one or more representatives from each of the following organizations:

Amah Mutsun Tribal Band of Ohlone/Costanoan Indians
Big Creek Lumber
CAL FIRE San Mateo – Santa Cruz Unit
Cal Poly Swanton Pacific Ranch
California Department of Parks and Recreation
Girl Scouts of Northern California
Land Trust of Santa Cruz County
Midpeninsula Regional Open Space District
Monterey Bay National Marine Sanctuary
Peninsula Open Space Trust
San Lorenzo Valley Water District
San Mateo County Parks Department
San Mateo County Resource Conservation District
Santa Cruz County Board of Supervisors Office
Santa Cruz County Parks Department
Santa Cruz County Resource Conservation District
Save the Redwoods League
Sempervirens Fund
Stanford University Jasper Ridge Biological Preserve
Terrestrial Biodiversity and Climate Change Collaborative (TBC3)
UC Berkeley Department of Anthropology
UC Santa Cruz Natural Reserves
US Bureau of Land Management

Appendix B: Collaborative Stewardship Projects

June 2015

During a facilitated session of Convening 2 of the Santa Cruz Mountains Stewardship Network, participants presented projects that would benefit from the experience and expertise of other organizations in the network. Following is a list of projects presented and the resources or assistance that was requested in each case. A detailed list can be found [on Basecamp here](#).

1. **Native Stewardship Corridor** – Access to land and expertise needed to demonstrate traditional Native American stewardship practices
2. **Prescribed burn in San Vicente Redwoods** – Research capacity needed for pre- and post-burn botanical surveys and other landscape evaluations to enable others to learn about prescribed burns
3. **San Vicente Creek** – Partners sought for flood plain restoration and off-stream storage
4. **Coast Dairies and the proposed National Monument** – Expertise needed for public access planning
5. **San Vicente Redwoods** – Public access planning needed, particularly for security and recreational safety, plus archaeological evaluation of sites
6. **Swanton Ranch** – Partners sought to develop a comprehensive system for research and monitoring of forest inventory and carbon metrics
7. **Mid-Peninsula Regional Open Space District Demonstration Forest** – Input requested for project design, location selection, research and monitoring of results, and political support, including attendance at public meetings testifying to the public importance of the project.
8. **Mt. Umunhum Opening** – Partners sought for incorporating the network's vision of stewardship and collaboration into interpretive components and opening ceremonies
9. **Coho spawning in Pescadero Creek** – Partners requested for planning and hosting a coho salmon welcoming ceremony to increase public awareness
10. **Carbon farming effort** – Expertise and sites requested for converting eucalyptus trees to soil for carbon sequestration, using Marin County compost standards
11. **Monitoring the effectiveness of stewardship projects** – Expertise sought to develop strategies for monitoring the effect of stewardship and demonstration projects
12. **San Francisco garter snake** – Experience and expertise requested for permit coordination
13. **Summer camp development at Pinto Lake near Gilroy** – Partners, capacity, and funding sought to provide nature programs for low-income children in the surrounding area, and to demonstrate the effectiveness of a watershed project in the vicinity of farmed lands
14. **Multi-agency landing-pad and volunteer hub on the North Coast** – Partners sought for equipment storage and sharing to support north coast stewardship efforts such as trail development, removal of invasives, etc.

Appendix C: Convening 2 Feedback Survey Results and Comments

Following are the results of a feedback survey distributed after the second convening, to which 19 of the 24 participants responded.

1. The convening was relevant to my personal and professional priorities.

- Strongly Agree 11 57.9%
- Agree 8 42.1%
- Somewhat
- Disagree
- Strongly Disagree

2. I formed meaningful, new relationships or strengthened existing relationships as a result of the convening.

- Strongly Agree 11 57.9%
- Agree 8 42.1%
- Somewhat
- Disagree
- Strongly Disagree

3. The convening was well designed and facilitated.

- Strongly Agree 16 84.2%
- Agree 3 15.8%
- Somewhat
- Disagree
- Strongly Disagree

4. I believe the Santa Cruz Mountains Stewardship Network is an important and valuable collaborative effort that will help ensure the resilience of natural and human systems throughout the region.

- Strongly Agree 8 42.1%
- Agree 9 47.4%
- Somewhat 1
- Disagree
- Strongly Disagree
- Comments
 - Increasing...
 - Has good potential if enough common ground is found among between all parties, including private landowners. It will require active broad based support from all to encourage legislators and regulators to take the political risks associated with initiating change.
 - We'll see. I'm certainly going to do what is in my power to ensure that the statement is true.

Comments about the Santa Cruz Mountains Stewardship Network

- I'm inspired by the energy, ideas, skills and dedication of everyone in this group. There's tremendous potential here to harness our collective resources and amplify our impact. For the future of our region I hope we can keep this group of people and organizations connected and engaged. It's clear that our efforts need to be intentional and coordinated. Kudos to Converge for helping us see how we might make this happen.
- I feel like I have a much deeper understanding of each participant's areas of expertise and interests, which I plan to utilize more when planning future projects. The 2nd retreat really helped me to think big and think outside just what I do in my own organization. I'm inspired to do more and am pleased that the whole group has some clear goals and next steps to work on together.
- This collaboration has tremendous potential to create resource synergies and raise political awareness which could lead to future stewardship funding that will benefit people and our landscape.
- This integrative stewardship program represents the first time that indigenous people in the Santa Cruz Mountains area have had the opportunity to incorporate their perspectives on land stewardship with those of agencies and organizations capable of building more sustainable and inclusive approaches to land management.
- The ease and rapidity with which we were able to identify potential projects for collaboration was startling and encouraging.
- With limited resources and overlapping work amongst the network, this collaborative effort is invaluable to leveraging the good work we all are doing to steward our lands.

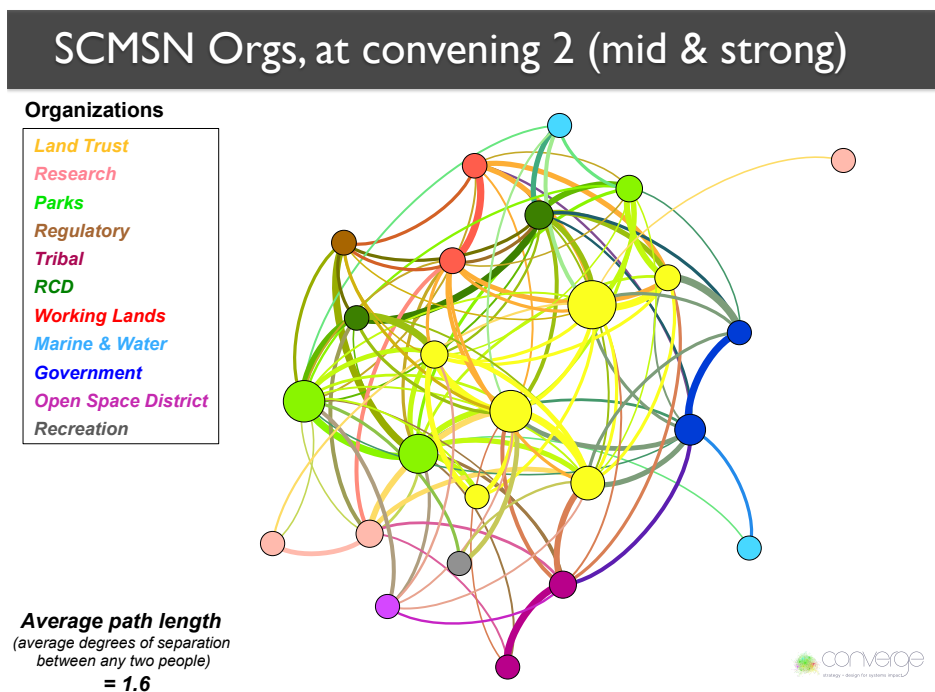
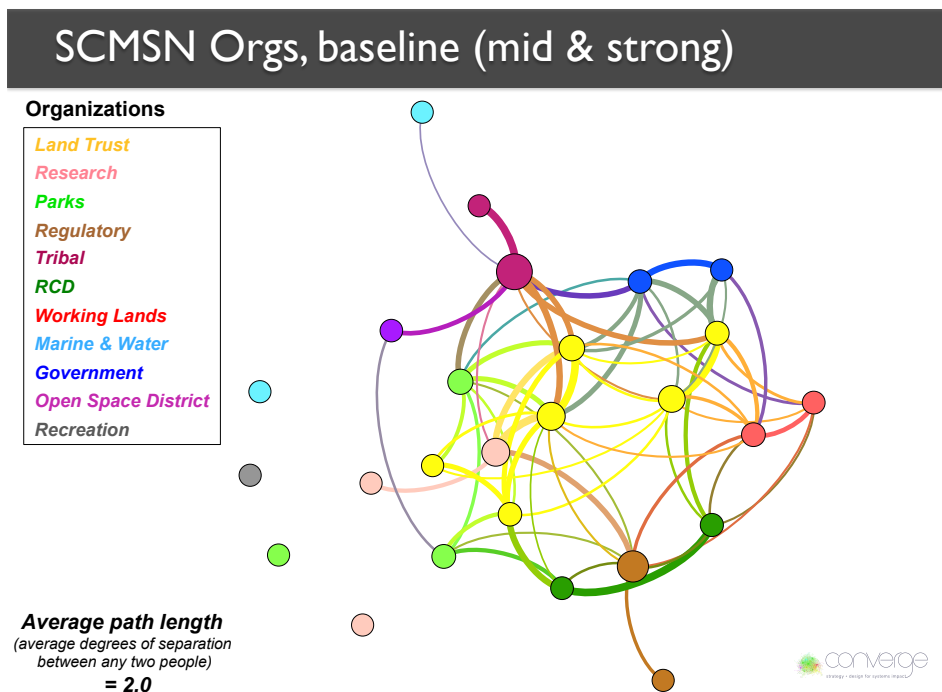
What else? Thoughts, ideas, advice, questions or feedback.

- Without the continuity and accountability managed by Converge it is unlikely this Network will advance beyond the concept stage.
- Your facilitation has been absolutely top-notch! Thanks for bringing us so far together in such a short amount of time.
- A "marketable" name would be good.
- I've been sharing a lot of information about the network with others and there is certainly interest.

Appendix D: Santa Cruz Mountains Stewardship Network Evolution

Following are the results of social network analysis surveys taken by network participants at Convening 1 in March '15 (baseline) and three months later at Convening 2 in June '15. The increasing number and strength of connections across the network between Convening 1 and Convening 2 shows the process is having a positive effect improving the number and strength of relationships between leaders across the Santa Cruz Mountains region.

Each circle represents a network participant, colored by organization-type. The connecting lines represent mid and strong connections between participants. Average path length (the average degrees of separation between any two people in the network) is a statistic representing the density of the network – the lower the average path length, the more dense the network.



Utility Billing

Transactions by Date

LEAK ADJUSTMENT - Q1 2015



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

Date Range: From: 07/01/2015 To: 09/30/2015
Batch Type: Adj & Fees
Billing Cycle: 001, 002

Account No Reference No	Journal Entry Date Tran Type	Amount
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110041110	Adjustment	
005569-000	09/29/2015	-163.52
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006100-003	09/24/2015	-118.72
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009207-000	09/02/2015	-226.38
560759010	Adjustment	
009935-000	09/29/2015	-114.91
630390002	Adjustment	
010352-000	09/29/2015	-120.05
650735000	Adjustment	
LEAK Totals		-1,259.41
# Leak Adj		7
FY1516 YTD Totals		-1,259.41

In accordance with District Ordinance 85, authorizing water bill adjustments adopted October 10, 1991 and amended by Ordinance 97 adopted April 20, 2000, Ordinance 101 adopted January 6, 2005 and Ordinance 102 adopted March 3, 2005, District staff has adjusted the above accounts for the period stated above.

Utility Billing

Transactions by Date



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

Date Range:
Batch Type:

Account No Reference No	Journal Entry Date Tran Type	Amount	# Rebates
RBD RIP			
005278-000	07/31/2015	-500.00	
110250052	Adjustment		
005588-000	08/18/2015	-500.00	
130546002	Adjustment		
005691-000	07/31/2015	-500.00	
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DRIP TOTALS		-1,500.00	3.00
RBHECW			
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005315-000	07/28/2015	-100.00	
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005513-000	07/28/2015	-100.00	
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820234003	Adjustment		
012140-000	07/28/2015	-100.00	
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012233-000	09/02/2015	-100.00	
840428001	Adjustment		
012273-000	08/18/2015	-100.00	
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	Adjustment		
007582-000	07/28/2015	-100.00	
300015000	Adjustment		
008248-000	09/02/2015	-100.00	
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720249000	Adjustment		
011524-000	07/28/2015	-100.00	
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RBHWRS			
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920112002	Adjustment		
WATER RECIRCULATOR TOTAL		-200.00	2.00
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005343-000	07/31/2015	-750.00	
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120183001	Adjustment		
005483-000	09/18/2015	-750.00	
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005534-000	08/18/2015	-615.00	
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005588-000	08/18/2015	-750.00	
130546002	Adjustment		
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140699000	Adjustment		
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250004650	Adjustment		
011750-000	07/31/2015	-750.00	
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012180-000	09/30/2015	-750.00	
840010005	Adjustment		
012968-000	09/30/2015	-750.00	
950216003	Adjustment		
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260000400	Adjustment		
007228-000	09/02/2015	-75.00	
280004550	Adjustment		
011568-000	07/28/2015	-150.00	
750782003	Adjustment		
1.6 TOILET TOTALS		-300.00	3.00

Account No Reference No	Journal Entry Date Tran Type	Amount	# Rebates
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110106121	Adjustment		
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005607-000	09/18/2015	-449.97	
140602000	Adjustment		
006289-000	09/02/2015	-225.98	
230009800	Adjustment		
006390-000	07/31/2015	-551.94	
240004102	Adjustment		
006459-000	07/28/2015	-200.00	
240007150	Adjustment		
011904-000	07/28/2015	-148.00	
820185000	Adjustment		
011926-000	08/18/2015	-447.00	
820199021	Adjustment		
012007-000	07/31/2015	-75.00	
820254011	Adjustment		
012011-000	09/02/2015	-600.00	
820258001	Adjustment		
012023-000	07/28/2015	-200.00	
820265010	Adjustment		
012172-000	07/08/2015	174.38	
830390001	Adjustment		
012172-000	07/16/2015	-348.76	
830390001	Adjustment		
012329-000	07/31/2015	-200.00	
840496005	Adjustment		
012362-000	07/28/2015	-200.00	
850523000	Adjustment		
012459-000	09/02/2015	-200.00	
850612000	Adjustment		
012643-000	09/18/2015	-400.00	
910023013	Adjustment		
012856-000	07/31/2015	-400.00	
920099010	Adjustment		
012856-000	08/20/2015	-1.94	
920099010	Adjustment		
012947-000	07/28/2015	-600.00	
950146000	Adjustment		
013016-000	07/28/2015	-400.00	
950339010	Adjustment		
013211-000	09/18/2015	-400.00	
	Adjustment		
013213-000	09/18/2015	-268.20	
	Adjustment		

Account No Reference No	Journal Entry Date Tran Type	Amount	# Rebates
007582-000	07/31/2015	-400.00	
300015000	Adjustment		
007626-000	08/18/2015	-83.98	
300036061	Adjustment		
007789-000	09/30/2015	-88.00	
300126000	Adjustment		
007959-000	08/18/2015	-200.00	
400256004	Adjustment		
008052-000	07/31/2015	-600.00	
400464001	Adjustment		
008356-000	08/18/2015	-145.99	
510062000	Adjustment		
008558-000	07/28/2015	-200.00	
520235001	Adjustment		
008976-000	09/30/2015	-139.00	
550582001	Adjustment		
009132-000	07/28/2015	-181.82	
550701000	Adjustment		
009258-000	09/18/2015	-149.00	
560806004	Adjustment		
009395-000	09/30/2015	-98.00	
610053001	Adjustment		
009423-000	08/18/2015	-168.00	
610069080	Adjustment		
009602-000	09/02/2015	-200.00	
620213001	Adjustment		
009626-000	07/31/2015	-200.00	
620231001	Adjustment		
009722-000	07/28/2015	-178.00	
620291023	Adjustment		
009870-000	07/31/2015	-98.00	
630342084	Adjustment		
010290-000	08/18/2015	-88.00	
650685001OWN	Adjustment		
010308-000	09/18/2015	-200.00	
650705001	Adjustment		
010329-000	08/18/2015	-200.00	
650720011	Adjustment		
010579-000	09/02/2015	-400.00	
710050000	Adjustment		
010949-000	07/31/2015	-356.00	
720282004	Adjustment		
011341-000	07/31/2015	-200.00	
740590002	Adjustment		
011467-000	09/02/2015	-178.00	
740703000	Adjustment		
011635-000	09/18/2015	-127.98	
750845000OWN	Adjustment		
3.5 TOILET TOTALS		-13,678.16	55.00
RBWBICSE			
012290-000	07/31/2015	-75.00	
840470003	Adjustment		
WEATHER BASED SENSOR TOTAL		-75.00	1.00
RBWBICS1			
007080-000	07/28/2015	-125.00	
270009450	Adjustment		
011926-000	08/18/2015	-57.94	
820199021	Adjustment		
WEATHER BASED SIGNAL TOTAL		-182.94	2.00
Report Totals		-31,114.94	111.00

MEMO

To: Board of Directors

From: District Manager

SUBJECT: DISCUSSION AND POSSIBLE ACTION REGARDING EVALUATION OF CHANGE FROM BI-MONTHLY TO MONTHLY WATER METER READING.

DATE: OCTOBER 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review this report and direct staff to permanently change the water meter reading and billing cycle to monthly.

BACKGROUND

At the March 6, 2014 Board of Directors meeting the Board approved changing from bi-monthly to monthly meter reading/billing effective May 1, 2014 as part of the District's Drought Contingency Plan. At the time it was decided that monthly billing would more effectively implement water conservation and water rationing, should rationing be required. The Board made the change to monthly water meter reading/billing to be reviewed/evaluated in early 2015.

On May 1, 2014 the change to monthly water meter reading and customer billing was implemented.

On February 5, 2015 the Board conducted a progress review of the monthly meter reading program. First year implementation problems and corrections were identified. The Board directed staff to return in the Fall of 2015, after the monthly billing cycle had been implemented for a full year and through the summer of 2015.

The District worked through problems and issues during the first year of monthly meter reading and we are now operating efficiently and will continue to make improvements to the process.

Improvements include:

- Transitioning to the new Accounting and Billing software, increasing efficiency in bill payments.
- Outsourcing billing reduced cost and increased efficiency.
- Eliminating bill stuffers and going to an eNewsletter has reduced costs.
- Moving from two meter readers back to a single meter-reader, with a back-up staff member for redundancy (not yet fully implemented) will reduce costs.

- Electronic payments and notifications (not yet fully implemented) will reduce costs and increase efficiency.
- Installing automatic meter reading (AMR) equipment (Installed in Olympia).
- As customers adjusted to the new meter reading schedule there has been a reduction in 48 hour tags from since the new system.
- 48 hour notification procedures have been simplified, providing better information to customers and reducing staff time necessary to deliver 48 hour tags.

The advantages of monthly meter reading include:

- More timely reporting helps customers adjust water usage and conserve water, especially during summer months. The District's successful conservation efforts over the past year stand at near 30% below 2013 consumption levels.
- The ability to discover and promptly repair service line and plumbing or irrigation system leaks sooner to reduce the impact of high water bills caused by leaks. Over the time frame of monthly meter reading there has been a significant drop in leak adjustments.
- The District receives a more accurate picture of consumption throughout the valley on a tighter timeline. Monthly and seasonal variations in consumption are more easily defined.

Agencies that have transitioned from bimonthly to monthly billing have had positive responses from customers. After startup the District has had positive input from customers on the change to monthly billing

STRATEGIC PLAN:

Element 5.1 Fiscal Plan for Support of Strategy

FISCAL IMPACT:

No impact to current budget year

MEMO

To: Board of Directors

From: District Manager

SUBJECT: DISCUSSION AND POSSIBLE ACTION REGARDING SELECTION OF A
218 PROCESS PUBLIC HEARING ARBITER

DATE: OCTOBER 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review this report and provide direction to staff.

BACKGROUND

At its regularly scheduled meeting of August 20th, 2015 the Board adopted Ordinance 107, codifying the District's policy regarding the 218 process. A significant step in the District's new 218 process is the selection of an independent arbiter responsible for presenting the final tabulation to the Board.

Options have been discussed, including the League of Woman Voters or a delegation of responsible students from SLV High School.

At this time staff is seeking Board input regarding preferences for the selection of an independent arbiter. Staff will contact those groups or individuals selected by the Board to ascertain interest. A short-list of interested groups or individuals will be presented at the upcoming November 5th Regularly Scheduled Meeting for selection by the Board.

The drought Surcharge 218 process Public Hearing will be held at the Regularly Scheduled Board Meeting of November 19th.

STRATEGIC PLAN:

Element 5.1 Funding Infrastructure Replacement
Element 6.2 Increase Civic Understanding and Engagement

FISCAL IMPACT:

None Expected

MEMO

To: Board of Directors

From: District Manager

SUBJECT: DISCUSSION AND POSSIBLE ACTION REGARDING DEMOLITION OF FACILITIES ON THE PROSSER PROPERTY

DATE: OCTOBER 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review the attached proposals and authorize staff to execute a demolition contract to Randazzo Enterprises in the not-to-exceed-amount of \$19,724.

BACKGROUND

The District contacted three contracting firms to obtain quotes for the demolition work required to clean the Prosser Property.

Two quotes were received: Jeff Hill and Sons for \$20,950 and Randazzo Enterprises for \$19,724. Staff also prepared a quote to perform the work under force account utilizing District labor. That quote is as follows:

District Labor	3,800.00
Excavator Rental	3,850.00
County Disposal Fee	24,140.00
Trucking estimated	3,500.00
Sub Total	<u>35,290.00</u>
15% Contingency	5,293.00

Total Estimated \$40,583.00

Additional costs will include County Permits, hazardous material testing and disposal (if required), and staff time estimated to be less than 40 hours. Total project cost is estimated to be less than \$40,000 if one of the contractors is utilized.

Randazzo Enterprises is expecting to recycle as much of the material as possible, which accounts for some of the difference in the contractor's quote and the staff quote for County disposal fees.

STRATEGIC PLAN:

Element 3.0 Capital Improvement Program

FISCAL IMPACT:

\$19,724 in Capital Costs

Accounts Payable

Checks by Date - Summary by Check Date

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Printed: 10/8/2015 5:21 PM



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

Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
10049	10003	AERO-ENVIRONMENTAL	09/30/2015	0.00	1,475.00
Total for 9/30/2015:				0.00	1,475.00
10050	00057	AFSCME COUNCIL 57	10/01/2015	0.00	644.16
10051	00115	ATKINSON-FARASYN	10/01/2015	0.00	3,500.00
10052	00662	JAMES A. MUELLER	10/01/2015	0.00	50.00
10053	00099	JOEL BUSA	10/01/2015	0.00	125.00
10054	00240	NEW RESOURCE BANK	10/01/2015	0.00	2,380.00
10055	UB*00017	AMONDO INVESTMENT LLC	10/01/2015	0.00	27.00
10056	00767	ANTHEM BLUE CROSS	10/01/2015	0.00	238.40
10057	00055	AT&T	10/01/2015	0.00	76.27
10058	00309	AT&T IP SERVICES	10/01/2015	0.00	833.12
10059	00686	AT&T LONG DISTANCE	10/01/2015	0.00	736.72
10060	00687	AT&T U-VERSE	10/01/2015	0.00	124.00
10061	UB*00022	LORRIE BOSICK	10/01/2015	0.00	16.97
10062	UB*00032	CHAD BROWN	10/01/2015	0.00	31.66
10063	UB*00026	ROBERT CIHOS	10/01/2015	0.00	76.07
10064	00363	CINCINNATI LIFE INSURANCE CO	10/01/2015	0.00	28.00
10065	00788	COMCAST	10/01/2015	0.00	138.92
10066	00050	COUNTY OF SANTA CRUZ	10/01/2015	0.00	30.00
10067	UB*00023	ERA NETWORK ALLIANCE	10/01/2015	0.00	55.47
10068	UB*00024	GREG ESTEBAN	10/01/2015	0.00	11.52
10069	UB*00013	WELLS FARGO	10/01/2015	0.00	54.57
10070	UB*00018	LARRY FULLER	10/01/2015	0.00	34.07
10071	UB*00012	ELAINE & ROBERT GOLLING	10/01/2015	0.00	16.26
10072	UB*00009	JOHN GURULE	10/01/2015	0.00	63.40
10073	UB*00030	THOMAS KENNEDY	10/01/2015	0.00	0.43
10074	UB*00031	SABRINA LANCELLOTTI	10/01/2015	0.00	101.34
10075	UB*00029	SHELLY SNOW & JASON LANOIE	10/01/2015	0.00	49.47
10076	UB*00011	SEIKYEE LAU	10/01/2015	0.00	14.61
10077	UB*00006	JOE MENICHETTI	10/01/2015	0.00	11.16
10078	UB*00020	JIMMY NELSON	10/01/2015	0.00	2.33
10079	UB*00025	GREG NICHOLAS	10/01/2015	0.00	105.64
10080	00054	PACIFIC GAS & ELECTRIC	10/01/2015	0.00	2,892.95
10081	UB*00027	SARAH SAVOIE	10/01/2015	0.00	66.39
10082	UB*00015	JEANNINE SIRLES	10/01/2015	0.00	78.37
10083	UB*00016	DIANE SMALLEY	10/01/2015	0.00	15.76
10084	UB*00021	STEVE SOSKIN	10/01/2015	0.00	23.78
10085	UB*00028	MARK THEEUWES	10/01/2015	0.00	48.00
10086	UB*00008	JOEL TIMPANARO	10/01/2015	0.00	7.77
10087	UB*00007	JARED VANDIVER	10/01/2015	0.00	4.09
10088	00011	VERIZON WIRELESS	10/01/2015	0.00	1,101.44
10089	00399	VISION SERVICE PLAN	10/01/2015	0.00	505.72
10090	UB*00019	ESTATE WALT SEIFERT	10/01/2015	0.00	55.23
10091	UB*00014	MICHAEL WIEBKE	10/01/2015	0.00	157.13
10092	UB*00010	Jared Wilson	10/01/2015	0.00	32.03

Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
10093	10004	PETTY CASH - CHELSEA SLADWICK	10/01/2015	0.00	95.65
10094	10006	COLUMBUS BANK & TRUST - ACCT #:	10/01/2015	0.00	385.84
10095	10005	ICMA RETIREMENT C/O M & T RETIRI	10/01/2015	0.00	2,120.00
Total for 10/1/2015:				0.00	17,166.71
10096	00589	ALLARD'S SEPTIC	10/02/2015	0.00	225.00
10097	00609	BALANCE HYDROLOGICS, INC	10/02/2015	0.00	13,601.45
10098	00220	BAY BUILDING JANITORIAL, INC	10/02/2015	0.00	424.42
10099	00808	CHAD HOESING, CPA, INC.	10/02/2015	0.00	38.00
10100	00265	COMMUNITY TELEVISION OF	10/02/2015	0.00	525.00
10101	00290	CONTRACTOR COMPLIANCE & MONI	10/02/2015	0.00	5,750.00
10102	00037	COUNTY OF SANTA CRUZ	10/02/2015	0.00	3,427.13
10103	00703	DATAFLOW BUSINESS SYSTEMS, INC	10/02/2015	0.00	7.50
10104	00343	ERNIE'S SERVICE CENTER	10/02/2015	0.00	549.07
10105	00450	EUROFINS EATON ANALYTICAL, INC	10/02/2015	0.00	895.00
10106	00329	GRAINGER	10/02/2015	0.00	284.21
10107	00080	GRANITE CONSTRUCTION CO	10/02/2015	0.00	106.00
10108	00756	KENNEDY/JENKS CONSULTANTS	10/02/2015	0.00	66,101.13
10109	00233	LADD'S AUTO BODY & TOWING	10/02/2015	0.00	300.00
10110	00608	LLOYD'S TIRE SERVICE, INC	10/02/2015	0.00	1,110.99
10111	00782	MONTEREY PENINSULA ENGINEERIN	10/02/2015	0.00	9,065.53
10112	00027	NORTH BAY FORD	10/02/2015	0.00	149.95
10113	00569	PITNEY BOWES GLOBAL FIN.LLC	10/02/2015	0.00	430.08
10114	10001	RUTAN AND TUCKER, LLP	10/02/2015	0.00	2,210.00
10115	00746	SCOTTS VALLEY BANNER	10/02/2015	0.00	83.00
10116	00973	SMITH-EMERY SAN FRANCISCO	10/02/2015	0.00	1,706.50
10117	00047	SOIL CONTROL LAB	10/02/2015	0.00	524.00
10118	00298	STATE OF CALIFORNIA	10/02/2015	0.00	75.00
10119	00262	TREBCO HEATING & AIR COND.	10/02/2015	0.00	1,200.00
10120	00768	USA BLUEBOOK	10/02/2015	0.00	1,343.52
Total for 10/2/2015:				0.00	110,132.48
10121	00663	CORIX WATER PRODUCTS	10/07/2015	0.00	936.88
10122	00397	FERGUSON ENTERPRISES, INC	10/07/2015	0.00	109.72
10123	00711	ROBERTS & BRUNE CO.	10/07/2015	0.00	3,266.60
10124	00125	SCARBOROUGH LUMBER	10/07/2015	0.00	1,327.76
10125	00168	SCOTTS VALLEY SPRINKLER	10/07/2015	0.00	888.26
Total for 10/7/2015:				0.00	6,529.22
10126	00488	ANTHEM EAP	10/08/2015	0.00	119.25
10127	00378	BANK OF THE WEST	10/08/2015	0.00	1,957.35
10128	00234	CITY OF SCOTTS VALLEY	10/08/2015	0.00	75.00
10129	00788	COMCAST	10/08/2015	0.00	138.92
10130	00444	COSTCO-CAPITAL ONE COMMERCIAI	10/08/2015	0.00	1,154.40
10131	00050	COUNTY OF SANTA CRUZ	10/08/2015	0.00	30.00
10132	UB*00033	ERIN DOAN	10/08/2015	0.00	39.36
10133	UB*00034	DENISE HAGG	10/08/2015	0.00	109.28
10134	00058	IHWY, INC.	10/08/2015	0.00	50.00
10135	00054	PACIFIC GAS & ELECTRIC	10/08/2015	0.00	42,501.98
10136	00183	SDRMA	10/08/2015	0.00	589.65
10137	UB*00035	GEORGE SMITH	10/08/2015	0.00	12.18
10138	10009	DAVID STEIN	10/08/2015	0.00	1,003.94
10139	UB*00036	CHARLIE TEAL	10/08/2015	0.00	31.66

Check No	Vendor No	Vendor Name	Check Date	Void Checks	Check Amount
			Total for 10/8/2015:	0.00	47,812.97
			Report Total (91 checks):	0.00	183,116.38

Accounts Payable

Outstanding Invoices

User: StephanieHill
 Printed: 10/8/2015 - 5:31 PM
 Date Type: JE Date
 Date Range: 09/26/2015 to 10/08/2015



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
00022 - JOHNS ELECTRIC MOTOR						
01-400-5200	10/8/2015	9/14/2015	12590	00049-04-2016	119.64	BLUE TANK CHARLIE BOOSTER
Task Label:		Type:	PO Number:	0000100025		
Total for Vendor 00022 - JOHNS ELECTRIC MOTOR:					119.64	
00032 - SENSUS						
01-200-5200	10/8/2015	9/28/2015	ZA16007018	00049-04-2016	563.60	CONRTACT SERVICES - AUTOREAD EQUIPMENT REPAIR
01-200-5200	10/8/2015	9/30/2015	ZA16007322	00049-04-2016	1,690.24	MAINTENANCE CONTRACT - AUTOREAD SUPPORT
Total for Vendor 00032 - SENSUS:					2,253.84	
00047 - SOIL CONTROL LAB						
01-800-5202	10/8/2015	9/22/2015	5090564	00049-04-2016	145.00	OUTSIDE WATER ANALYSIS
01-800-5202	10/8/2015	9/24/2015	5090565	00049-04-2016	117.00	OUTSIDE WATER ANALYSIS
01-800-5202	10/8/2015	9/22/2015	5090566	00049-04-2016	74.00	OUTSIDE WATER ANALYSIS
01-800-5202	10/8/2015	9/24/2015	5090567	00049-04-2016	37.00	OUTSIDE WATER ANALYSIS
01-800-5202	10/8/2015	10/2/2015	5090724	00049-04-2016	145.00	OUTSIDE WATER ANALYSIS
01-800-5202	10/8/2015	10/1/2015	5090725	00049-04-2016	78.00	OUTSIDE WATER ANALYSIS
Total for Vendor 00047 - SOIL CONTROL LAB:					596.00	
00076 - ERNIE'S AUTO CENTER						
01-400-5410	10/8/2015	9/30/2015	634274	00049-04-2016	38.06	WIPERS,CAP,WASHER FLUIDE ---TRUCK 275
Total for Vendor 00076 - ERNIE'S AUTO CENTER:					38.06	
00080 - GRANITE CONSTRUCTION CO						
01-400-5300	10/8/2015	9/10/2015	869762	00049-04-2016	326.92	HOT MIX MAIN LEAK REPAIRS
Task Label:		Type:	PO Number:	0000100023		
01-400-5300	10/8/2015	9/16/2015	872500	00049-04-2016	177.88	BASE ROCK FOR WILLOWBROOK
Task Label:		Type:	PO Number:	0000100023		

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00080 - GRANITE CONSTRUCTION CO						
01-400-5300	10/8/2015	9/21/2015	875631	00049-04-2016	53.52	BASE ROCK- MAIN BREAKS
Task Label:		Type:	PO Number:	0000100046		
01-400-5300	10/8/2015	9/22/2015	875910	00049-04-2016	103.66	BASE ROCK- QUAIL ROCK
Task Label:		Type:	PO Number:	0000100046		
Total for Vendor 00080 - GRANITE CONSTRUCTION CO:					661.98	
00115 - ATKINSON-FARASYN						
01-100-5210	10/8/2015	9/25/2015	092515	00049-04-2016	8,315.28	LEGAL SERVICES - 7/6/15 THROUGH 9/23/15
01-100-5210	10/8/2015	10/8/2015	NOV 2015	00049-04-2016	3,500.00	LEGAL SERVICES
Total for Vendor 00115 - ATKINSON-FARASYN:					11,815.28	
00118 - FARMER BROTHERS COFFEE						
01-400-5600	10/8/2015	9/23/2015	62901668	00049-04-2016	71.60	COFFEE - OPPTS COFFEE SUPPLIES
Task Label:		Type:	PO Number:	0000100029		
Total for Vendor 00118 - FARMER BROTHERS COFFEE:					71.60	
00145 - BATTERIES PLUS						
01-400-5311	10/8/2015	9/30/2015	288833	00049-04-2016	29.33	BATTERIES- PSI RECORDERS PRESSURE RECORDER BATTERIES
Task Label:		Type:	PO Number:	0000100039		
01-400-5600	10/8/2015	9/30/2015	288833	00049-04-2016	28.69	BATTERIES
Task Label:		Type:	PO Number:	0000100039		
01-400-5311	10/8/2015	9/8/2015	952969	00049-04-2016	164.70	CELL PHONE REPAIR/BROKEN SCREEN
Task Label:		Type:	PO Number:	28988		
Total for Vendor 00145 - BATTERIES PLUS:					222.72	
00164 - FIRST ALARM						
01-400-5200	10/8/2015	9/15/2015	858618	00049-04-2016	87.45	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
01-800-5200	10/8/2015	9/15/2015	858716	00049-04-2016	221.31	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
01-800-5200	10/8/2015	9/15/2015	858811	00049-04-2016	587.79	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
02-600-5200	10/8/2015	9/15/2015	860376	00049-04-2016	323.85	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
01-800-5200	10/8/2015	9/15/2015	860377	00049-04-2016	271.11	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
01-800-5200	10/8/2015	9/15/2015	860378	00049-04-2016	157.56	ALARM MONITORING - ALARM MONITORING SERVICE
Task Label:		Type:	PO Number:	0000100009		
01-800-5200	10/8/2015	9/15/2015	86379	00049-04-2016	201.24	ALARM MONITORING - ALARM MONITORING SERVICE

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00164 - FIRST ALARM						
Task Label:		Type:	PO Number:	0000100009		
Total for Vendor 00164 - FIRST ALARM:					1,850.31	
00174 - CARUS PHOSPHATES, INC						
01-800-5301	10/8/2015	9/18/2015	10044649	00049-04-2016	3,264.09	PHOSPHATE WEEKLEY SOURCES
Task Label:		Type:	PO Number:	0000100047		
Total for Vendor 00174 - CARUS PHOSPHATES, INC:					3,264.09	
00204 - FEDERAL EXPRESS CORP						
01-400-5311	10/8/2015	9/25/2015	5-171-03626	00049-04-2016	43.23	SHIPPING CHARGES
01-200-5650	10/8/2015	9/25/2015	5-171-03626	00049-04-2016	37.34	SHIPPING CHARGES
Total for Vendor 00204 - FEDERAL EXPRESS CORP:					80.57	
00233 - LADD'S AUTO BODY & TOWING						
01-800-5410	10/8/2015	9/22/2015	5373	00049-04-2016	1,708.28	TRUCK 264 BODY REPAIR
Task Label:		Type:	PO Number:	28852		
Total for Vendor 00233 - LADD'S AUTO BODY & TOWING:					1,708.28	
00236 - IDEXX DISTRIBUTION CORP						
01-800-5302	10/8/2015	9/15/2015	293019784	00049-04-2016	978.73	LYON PLANT LAB SUPPLIES
Task Label:		Type:	PO Number:	0000100021		
Total for Vendor 00236 - IDEXX DISTRIBUTION CORP:					978.73	
00240 - NEW RESOURCE BANK						
01-800-5320	10/8/2015	10/8/2015	NOV 2015	00049-04-2016	2,380.00	SOLAR LEASE
Total for Vendor 00240 - NEW RESOURCE BANK:					2,380.00	
00266 - TERMINIX						
01-100-5420	10/8/2015	10/5/2015	9380943	00049-04-2016	120.00	CONTRACT SERVICES - PEST CONTROL
Total for Vendor 00266 - TERMINIX:					120.00	
00268 - WATTS ON						
01-100-5200	10/8/2015	9/15/2015	11553	00049-04-2016	348.93	GENERATOR CHECK SERVICE (ADMIN)
Task Label:		Type:	PO Number:	0000100022		
01-400-5200	10/8/2015	9/15/2015	11553	00049-04-2016	359.59	GENERATOR MAINTENANCE SERVICE
Task Label:		Type:	PO Number:	0000100022		

Vendor	Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
Total for Vendor 00268 - WATTS ON:						708.52	
00273 - CORELOGIC, INC.							
	01-200-5200	10/8/2015	9/30/2015	81620447	00049-04-2016	93.75	REALQUEST PROPERTY REPORTS
	01-300-5200	10/8/2015	9/30/2015	81620447	00049-04-2016	93.75	REALQUEST PROPERTY REPORTS
Total for Vendor 00273 - CORELOGIC, INC.:						187.50	
00290 - CONTRACTOR COMPLIANCE & MONIT							
	01-000-1565	10/8/2015	9/25/2015	6227	00049-04-2016	3,750.00	PHASE 2 - INTERTIES 2,3,4
	01-000-1565	10/8/2015	9/25/2015	6228	00049-04-2016	2,000.00	PHASE 1 - INTERTIE 6 LABOR COMPLIANCE
Total for Vendor 00290 - CONTRACTOR COMPLIANCE & MONIT:						5,750.00	
00296 - MESITI-MILLER ENGINEERING,INC							
	01-000-1565	10/8/2015	10/1/2015	0915034	00049-04-2016	20,767.04	PROBATION TANK REPLACEMENT
Total for Vendor 00296 - MESITI-MILLER ENGINEERING,INC:						20,767.04	
00343 - ERNIE'S SERVICE CENTER							
	01-400-5410	10/8/2015	9/22/2015	46662	00049-04-2016	78.71	SERVICE TRUCK 224 - OIL, TIRE CHK, BREAKS
	Task Label:		Type:	PO Number:	0000100030		
	01-400-5410	10/8/2015	9/23/2015	46686	00049-04-2016	111.39	SERVICE TRUCK 222 - OIL, TIRE CHK, BREAKS
	Task Label:		Type:	PO Number:	0000100030		
Total for Vendor 00343 - ERNIE'S SERVICE CENTER:						190.10	
00362 - ACCELA, INC #774375							
	01-200-5200	10/8/2015	9/28/2015	31567	00049-04-2016	444.00	
Total for Vendor 00362 - ACCELA, INC #774375:						444.00	
00367 - INFOSEND, INC							
	01-200-5650	10/8/2015	9/30/2015	97393	00049-04-2016	2,726.00	CONTRACT SERVICES
	01-200-5600	10/8/2015	9/30/2015	97393	00049-04-2016	2,453.80	CONTRACT SERVICES
Total for Vendor 00367 - INFOSEND, INC:						5,179.80	
00450 - EUROFINS EATON ANALYTICAL, INC							
	01-800-5202	10/8/2015	9/28/2015	234146	00049-04-2016	200.00	LOST ACRES PLANT TESTING
	01-800-5202	10/8/2015	9/29/2015	234412	00049-04-2016	80.00	PASO / BOB'S LANE TESTING
	01-800-5202	10/8/2015	9/30/2015	234666	00049-04-2016	765.00	WATER ANALYSIS

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00450 - EUROFINS EATON ANALYTICAL, INC						
01-800-5202	10/8/2015	9/30/2015	234668	00049-04-2016	100.00	WATER ANALYSIS
Total for Vendor 00450 - EUROFINS EATON ANALYTICAL, INC:					1,145.00	
00512 - RIVERSIDE LIGHTING						
01-800-5300	10/8/2015	9/21/2015	137841	00049-04-2016	24.23	SOURDE METER INSTALL PARTS-SURFACE SOURCE METERS
Task Label:		Type:	PO Number:	0000100040		
Total for Vendor 00512 - RIVERSIDE LIGHTING:					24.23	
00525 - ESRI, INC.						
01-300-5200	10/8/2015	9/24/2015	93034463	00049-04-2016	416.50	ARC GIS FOR DESKTOP-SINGLE PRIMARY USE- MAINTENANCE
Task Label:		Type:	PO Number:	0000100014		
Total for Vendor 00525 - ESRI, INC.:					416.50	
00550 - HACH COMPANY						
01-800-5300	10/8/2015	8/19/2015	9535549	00049-04-2016	2,426.24	TURBIDIMETER LAB EQUIP.
Task Label:		Type:	PO Number:	2884		
Total for Vendor 00550 - HACH COMPANY:					2,426.24	
00566 - C S S C						
01-100-5510	10/8/2015	9/22/2015	15090	00049-04-2016	364.17	ANSWERING SERVICE
Total for Vendor 00566 - C S S C:					364.17	
00643 - MANCO, INC						
01-800-5300	10/8/2015	9/16/2015	526115	00049-04-2016	455.32	LEVEL TRANSDEUCER- KIRBY PLANT FILTER 2
Task Label:		Type:	PO Number:	0000100044		
Total for Vendor 00643 - MANCO, INC:					455.32	
00721 - UNITED SITE SVCS.,INC						
01-400-5200	10/8/2015	10/8/2015		00049-04-2016	2,000.00	QUAIL 5 TOILET SERVICE AND CLEANING
Task Label:		Type:	PO Number:	28962		
01-400-5200	10/8/2015	9/22/2015	114-3326625	00049-04-2016	148.15	QUAIL 5 TOILET SERVICE AND CLEANING
Total for Vendor 00721 - UNITED SITE SVCS.,INC:					2,148.15	
00729 - ALPHA ANALYTICAL LABS						
02-600-5202	10/8/2015	9/16/2015	5091941	00049-04-2016	858.00	WASTEWATER MONITORING

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
00729 - ALPHA ANALYTICAL LABS						
02-600-5202	10/8/2015	10/2/2015	5101029	00049-04-2016	362.00	WASTEWATER MONITORING
Total for Vendor 00729 - ALPHA ANALYTICAL LABS:					1,220.00	
00738 - GOLDAK, INC						
01-400-5311	10/8/2015	9/24/2015	112016	00049-04-2016	133.93	REPAIRS -- LOCATOR REPAIRS
Task Label:		Type:	PO Number:	0000100048		
Total for Vendor 00738 - GOLDAK, INC:					133.93	
00746 - SCOTTS VALLEY BANNER						
01-100-5640	10/8/2015	9/18/2015	23079	00049-04-2016	83.00	ADVERTISING
Total for Vendor 00746 - SCOTTS VALLEY BANNER:					83.00	
00750 - CHARLES Z FEDAK & CO.						
01-200-5201	10/8/2015	9/23/2015	092315	00049-04-2016	4,000.00	AUDIT OF FINANCIAL STATEMENTS
Total for Vendor 00750 - CHARLES Z FEDAK & CO.:					4,000.00	
00756 - KENNEDY/JENKS CONSULTANTS						
01-000-1565	10/8/2015	10/2/2015	95873	00049-04-2016	32,462.25	INTERTIE #3 PROJECT
01-000-1565	10/8/2015	10/2/2015	95873	00049-04-2016	4,950.01	INTERTIE #4 PROJECT
01-000-1565	10/8/2015	10/2/2015	95873	00049-04-2016	11,879.74	INTERTIE #2 PROJECT
Total for Vendor 00756 - KENNEDY/JENKS CONSULTANTS:					49,292.00	
00760 - DYNAMIC PRESS						
01-500-5300	10/8/2015	10/1/2015	19780	00049-04-2016	72.87	BUSINESS CARDS
01-200-5600	10/8/2015	10/1/2015	19783	00049-04-2016	116.66	NOTICE TO CUSTOMER TAGS
01-200-5600	10/8/2015	9/30/2015	19784	00049-04-2016	1,392.82	A/P CHECKS
Total for Vendor 00760 - DYNAMIC PRESS:					1,582.35	
00944 - PDN CONSULTING						
01-100-5200	10/8/2015	9/30/2015	1133	00049-04-2016	415.00	MONTHLY SERVICES ANTI VIRUS AND BACKUP SVCS
Task Label:		Type:	PO Number:	28966		
Total for Vendor 00944 - PDN CONSULTING:					415.00	
01024 - DAN'S UPHOLSTERY						
01-800-5410	10/8/2015	9/15/2015	15476	00049-04-2016	315.75	TRUCK 249 SEAT REPAIRS

Vendor

Account Number	JE Date	Invoice Date	Invoice No	Journal Entry	Amount	Description
01024 - DAN'S UPHOLSTERY						
01-400-5410	10/8/2015	9/14/2015	15477	00049-04-2016	125.00	TRUCK 338 SEAT REPAIRS
01-400-5410	10/8/2015	9/15/2015	15492	00049-04-2016	125.00	TRUCK 341 SET REPAIRS
Total for Vendor 01024 - DAN'S UPHOLSTERY:					565.75	
10003 - AERO-ENVIRONMENTAL						
01-100-5901	9/30/2015	9/30/2015	093015	00132-03-2016	1,475.00	PROSSER BLDG - HAZ-MAT SURVEY/REPORT
Total for Vendor 10003 - AERO-ENVIRONMENTAL:					1,475.00	
Report Total:					125,134.70	

BILL LIST SUMMARY

Check Register Total : \$183,116.38
 AP Outstanding Total: \$125,134.70
TOTAL FOR APPROVAL: \$308,251.08

MEMO

To: Board of Directors

From: District Manager

SUBJECT: DISCUSSION AND POSSIBLE ACTION REGARDING SUSTAINABLE
GROUNDWATER MANAGEMENT ACT - BASIN BOUNDARIES

DATE: OCTOBER 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review the attached proposal by HydroMetrics, WRI and authorize staff to work collaboratively with the Scotts Valley Water District, the County of Santa Cruz and other Santa Margarita Groundwater Basin stakeholders in complying with the 2014 Sustainable Groundwater Management Act (SGMA), including the financial participation in hiring HydroMetrics, WRI to assist in preparing and submitting to DWR a Basin Boundary Revision request on behalf of SLVWD, SVWD and the County of Santa Cruz.

BACKGROUND

In 1995, a group of local agencies established the Santa Margarita Groundwater Basin Advisory Committee and became signatories to a Memorandum of Understanding that outlined the objectives for the cooperative groundwater management of the Santa Margarita Groundwater Basin.

On September 16, 2014, Gov. Jerry Brown signed the Sustainable Groundwater Management Act of 2014 (SGMA). The SGMA provides a framework for sustainable management of groundwater supplies by local authorities. Recognizing that groundwater is most effectively managed at the local level, the SGMA empowers local agencies to achieve sustainability within 20 years. SGMA establishes minimum standards for sustainable groundwater management, improves land use and groundwater planning, provides state technical assistance, protects water rights, and creates a mechanism for state intervention if a local agency is not managing its groundwater sustainability.

North Santa Cruz County communities rely on groundwater for a major portion of their water supply. To that end, the San Lorenzo Valley Water District (SLVWD), Scotts Valley Water District (SVWD), and County of Santa Cruz (County) recognize that sustainable groundwater management is essential to ensure reliable and resilient water systems and desire to continue working collaboratively on the implementation of SGMA.

The first step in successful groundwater management is to define a groundwater basin. In 2002 the State of California Department of Water Resources (DWR) issued Bulletin 118, defining a groundwater basin as, "... a three-dimensional alluvial aquifer, or a stacked series of alluvial aquifers, with reasonably well-defined boundaries in a lateral direction

and a definable bottom.” This description does not accurately reflect the groundwater basins supporting the North Santa Cruz County communities. The disconnect between DWR definition and local groundwater sources is evident by the States designations of the Felton basin (no. 3-50) as a relatively small area of exposed alluvial deposits along the San Lorenzo River where no wells exist, and the Scotts Valley basin (no. 3-27) as a relatively small area of thin alluvial deposits in Camp Evers. These designations do not encompass the actual sandstone aquifers upon which the local communities rely.

It is important to the local communities that the State properly identifies and recognizes groundwater basin boundaries for our mutually shared aquifers.

Tonight, staff is requesting that the Board commit SLVWD to work with the other two agencies and engage other stakeholders in revising basin boundaries, the first step in the creation of a Groundwater Management Agency (GSA) and developing a Groundwater Sustainability Plan (GSP).

Staff of the three agencies met and agreed that securing services of a consultant to prepare and submit the boundary change request to DWR would be a preferred course of action. Hydrometrics WRI was identified as a good match for the task at hand considering very tight schedule, the firm’s expertise in this field and knowledge of the local groundwater issues. A proposal from Hydrometrics for preparation of a basin boundary revision request to the State is attached. Staff is agreeable that SVWD will be the lead agency for the consultant contract services with SLVWD and County proportionally reimbursing SVWD for related expenses based on the following calculation:

Agency	2012 Groundwater Production (acre-ft)	Proportional Percentage (%)	Proposal Cost (\$)
Scotts Valley Water District	1,351	53%	\$20,379
San Lorenzo Valley Water District	1,004	39%	\$14,996
County of Santa Cruz	198	8%	\$3,075

The agencies agree that no costs beyond those above will be allocated between the agencies unless all parties agree prior to the cost occurring.

STRATEGIC PLAN:

Element 7.1 Develop Strategic Partnerships with Other Agencies

FISCAL IMPACT:

\$14,996 in Capital Costs

MEMO

TO: Board of Directors
FROM: District Manager
WRITTEN BY: Environmental Analyst
SUBJECT: WATER CONSERVATION CREDIT PROGRAM
DATE: October 15, 2015

RECOMMENDATION

It is recommended that the Board of Directors review this memo and approve a mid-year budget adjustment, increasing the Water Conservation Credit Program by \$33,000.

BACKGROUND

On March 6, 2003 the Board approved Resolution No. 27 (02-03), which implemented a Water Conservation Rebate Program. In August 2009 the Board adopted Resolution No. 6 (09-10) which amended the Water Conservation Rebate Program. On September 3, 2009, the Board adopted Resolution 7 (09-10), which rescinded Resolution 27 (02-03) and Resolution 6 (09-10), and established a new Water Conservation Rebate Program. The new program required that all rebates be applied as a credit to the customer's water bill, and specified rebates for various indoor and outdoor water saving devices reflecting the new technologies available. In May 2012 the Water Conservation Credit Program was amended to discontinue the Water Conservation Program rebate for lawn replacement with synthetic turf.

On June 19, 2014 the Board approved Resolution No. 35 (13-14) which implemented a Water Conservation Credit Program update to include the following credits:

- A. **Lawn replacement** with drought tolerant landscape including but not limited to water wise grasses for a credit not to exceed \$1.50 per square foot and/or up to \$750 per account.
- B. **Greywater irrigation** materials credit, not to exceed \$150.00 per fixture per household.
- C. **Toilet Retrofit Credit** up to \$200 for the replacement of a toilet that uses 3.5 gpf or more with an EPA WaterSense-approved Ultra High Efficiency Toilet (1.0 gallon per flush or less) or an EPA WaterSense-approved High Efficiency toilet 1.28 gallons per flush or less.
- D. **Hot Water Circulation System** not to exceed \$100 per household for the installation of a self-activated or on demand hot water recirculation system
- E. **High Efficiency Clothes Washer** Credit not to exceed \$100 per fixture for the purchase and installation of High Efficiency Clothes Washers.

- F. Drip Irrigation System** Credit for the replacement of an existing outdoor spray irrigation system with an appropriately installed drip irrigation system of at least 100 square feet in area. Credit is not to exceed \$20 per 100 square feet and/or \$500 per customer.
- G. Weather-Based Irrigation Controller** Credit of up to \$75 or \$125, depending on the type of controller.

The total budget approved for the Water Conservation Program for Fiscal Year 2013/2014 was \$20,000. In FY 2014/2015 the budget was doubled to \$40,000 to accommodate the program changes and the drought. The rebate program was very popular with customers as they took action in light of the drought and the entire budget was expensed as of January 2015. At that time, the program was suspended. On April 19, 2015 due to demand from the customers, the Board voted to add \$12,000 to reinstate the program through the end of the fiscal year. When the program was reinstated, the district experienced a surge of applications from customers who had been waiting to do retrofits until the rebate program was reinstated. The \$12,000 was fully expensed and the program was suspended until the beginning of the fiscal year. Since the beginning of the 15/16 fiscal year, the rebate program has continued to experience a surge of applications.

CURRENT WATER CONSERVATION PROGRAM DETAILS

2015 is the 4th consecutive year of drought, and the 7th year of drought in the past nine years. District customers have taken action and heeded the call to conserve water. We have seen a monthly 25-40% cut in water production this year relative to 2013 water usage. Our rebate program has helped customers achieve permanent water savings through fixture and landscape retrofits. The 111 rebates we have issued this quarter alone represent 1,216,726 gallons of permanent annual savings.

The District shifted production from surface water to ground water wells earlier than normal this year. During the summer months our surface water sources ran critically low and we had to pump more ground water than we have in the past. Pumping more water from groundwater wells increases our energy use and increases our carbon footprint, contributing to climate change. Additionally, California Department of Water Resources will begin regulating groundwater usage through the Sustainable Groundwater Management Act as of January 1, 2016.

As a water district whose mission is “to manage and protect the environmental health of the aquifers and watersheds,” the District needs to continue to reduce water consumption district wide on a permanent basis. One way to achieve this is through the water conservation rebate program. Recent experience has shown that if the district suspends the credit program, customers stop retrofitting landscapes and fixtures- they wait until the program is reinstated and then we experience a flood of applications. This presents a heavy burden on staff processing applications and conducting field inspections.

During Budget hearings for FY15/16 the rebate program was budgeted at \$25,000. Based on past burn-rates, staff had been monitoring the funds in the rebate program on a quarterly basis. When preparing the report for this year’s first quarter staff found that the

credit program has already exceeded its expenditures. Since July 1, 2015 one hundred and eleven (111) rebates have been processed totaling \$31,000. Staff has also already approved an additional 28 rebates totaling \$10,500, which have not yet been expensed. If we are to credit the applicants who have already been approved and completed the process the expenses will total \$41,500. An additional 40 applications have been received, had a pre-inspection and we are awaiting notice from them for their post inspection, totaling \$27,000, but have not yet been approved. There are 21 applicants that have had their post inspections, but we are waiting for their completed forms and receipts totaling \$9,000. There are another 5 applications that are awaiting pre-inspection in the queue. Bringing the total expenses to a maximum of \$78,000 if all applications are processed and approved.

Staff has reallocated \$20,000 of the water conservation budget from public outreach to the rebate program to cover those rebates which have already been processed and approved. This will bring the Rebate Program budget to \$45,000. The program needs an additional \$33,000 to provide rebates to the customers who have already begun the rebate process.

Considering the tight budgetary conditions, staff recommends to stop accepting any new applications immediately and process the applications which have already been approved, up to the newly reallocated \$45,000. Additionally, Staff recommends the Board consider approving an additional \$33,000 to the Rebate program to finalize all applications that have been received, which are in process.

FISCAL IMPACT:

2015/16 REALLOCATION within same budget line items:

- Watershed 5075, Water Conservation Program
- Rebate Program - \$45,000 (increase of \$20,000)
- Drought Outreach - \$10,000 (decrease of \$20,000)

2015/16 PROPOSED REALLOCATION between different line items:

- Watershed 5075, Water Conservation Program
- Rebate Program - \$78,000 (increase \$33,000)

- Administration 5020, Contracts/ Professional Services
- Public Outreach / Transparency - \$42,000 (decrease of \$3,000)

Capital Expenditures

- Operations/Distribution 04,
- Other Capital Projects 5890,
- o 1202 Felton Heights Mutual Consolidation Project- \$0 (decrease of \$30,000)

2013 STRATEGIC PLAN:

Strategic Element 1.7 Water Conservation

M E M O

TO: Board of Directors
FROM: District Manager
SUBJECT: FINANCE DEPARTMENT STATUS REPORT
DATE: October 8, 2015

RECOMMENDATION:

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

BACKGROUND:

SPINGBROOK

We have brought up the Utility Billing and Finance modules. While these are the larger of the modules, I am still working weekly on the remaining pieces; fixed assets, inventory, work orders, project management and work flows. I am hoping to be have all modules fully implemented by end or March.

YEAREND

The auditors were here and things went smoothly. They performed their regular year end testing, as well as the SEFA audit for the state funds we received. I will be continuing to work with them as the final report begins to come together. I am hoping to have the draft report by the end of November so we can review with the Finance Committee and then go to full Board presentation in December.

CASHFLOW

The bridge loan from Scotts Valley has come in... and instantly went out with a large \$1.2M vendor payment. We just received notice that the claim #7 reimbursement has been sent (~\$300K). The future claims will include some of the large invoices we have been seeing. We have another large MPE bill we expect, but then they should begin to be lower as the project nears completion.

Once the District begins to recover from the cash constraints, an area we can potentially save money is with the unfunded liability of our pension with CalPERS. CalPERS has a high interest rate they charge participants. We took advantage of the prepayment this year and saved ~\$4K, but we have even greater potential to save if we can pay off even larger chunks of it. Once the District begins to regain its cash flow, I will present the potential savings. This of course all needs to be factored into all of the other cash needs of the District.

GOING GREEN

We have seen 1,708 customers sign up with our new online platform. Of that, 343 have gone paperless and we have 1,350 on one of our auto pay programs. Customers going green with paperless and auto pay not only saves the environment, but has potential to save the District money as well.

M E M O

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT
SEPTEMBER 2015

DATE: October 8, 2015

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the month of September 2015.

BACKGROUND:

OPERATIONS DEPARTMENT PROJECT STATUS REPORT

The Operations Department Status Report continues transition to a new format adding statistical data in regard to the operations of the District's three service areas. The report will be completed for the second Board of Directors meeting in the month for the previous month. This report contains the September 2015 Department Report.

DROUGHT CONTINGENCY PLANNING

Staff continues monitoring consumption/production throughout the system. Surface water sources have dropped off 55.56% in the North System compared to September 2013. Water production system wide is down 28.37% from September 2013. During the reporting period Emergency Intertie 6 was activated because of a mechanical failure at Olympia Well 3. The Intertie pumped 1,598,573 gallons of water from the Felton Water System to the North System. It is intended to reverse flows before the end of the year resulting in a zero transfer.

SURFACE WATER SOURCE METER REPLACEMENTS

During the reporting period staff continued working on installing new surface water meters. Staff installed new meters at the Bennet, Bull, and Fall Creek surface waters. The District is in the process of changing/adding new surface source water meters. Several of the streams use one common meter to register water flow. Individual meters will be installed at each source to ensure more accurate recording. The 2014-15 Fiscal Year budget provides for surface water meter replacement/additions. Installation is estimated to be complete in late October 2015.

BADGER CELLULAR METER PILOT PROJECT

During the reporting period staff worked on the installation of new surface water meters which will use the Orion Cellular system for reporting. Currently the District has 64 Badger Orion Cellular end points installed. The majority of the meters (54) have been installed as part of the Olympia Mutual project. The remaining 10 meters have been installed at large users and at Board of Directors homes. Out of the 64 endpoints 1 in the Olympia area will not connect with a cell tower requiring manual reading. It is projected that individual customer access will be live by the end of October with the Springbrook conversion. The new surface water meters are reporting back daily.

WATER MAIN BREAKS

During the reporting period staff repaired two large main breaks afterhours. The first was a six-inch break below the Quail Tanks. The break happened at approximately 1:00 AM and resulted in a precautionary "boil notice" to approximately 75 service connections because of completely depressurizing /draining the mainline. The cause was believed to be tree roots and repairs were facilitated. Water quality sampling ensured water was safe for consumption. The second leak was located at the top of Hihn Road in Ben Lomond. Six-inch asbestos cement mainline cracked at a service connection and a section of mainline required replacement. This break happened at 11:30 PM.

ADMINISTRATION BUILDING HVAC

During the reporting period the Contractor started the installation of the Administration Building HVAC system. As part of operations the system will polish and filter air in the building. The system is anticipated to complete by the end of October 2015.

ADMINISTRATION/OPERATIONS PHONE SYSTEM

During the reporting period AT&T installed the new Administration/Operations buildings phone system. The existing system was installed in 2000 and repairs/maintenance was no longer available. The new system has many enhancements that will improve customer service at a substantial cost saving to the District at approximately \$7,000 dollars annually.

SAN LORENZO VALLEY WATER DISTRICT PRODUCTION

Source	This Month September	Last Month August	This Month 2013	Difference This Year To 2013
North System				
Surface Water Sources				
Foreman Creek	2,062,280	2,617,560	8,522,000	
Peavine Creek + Hydro	749,920	951,840	2,025,000	
Clear Creek	1,124,880	1,427,760	0	
Sweetwater Creek	749,920	951,840	0	
Sub-Total (Streams)	4,687,000	5,949,000	10,547,000	-55.56%
Wells (North)				
Olympia No. 2	11,545,000	16,086,000	13,738,000	
Olympia No. 3	6,668,000	3,964,000	10,191,000	
Quail Well No. 4-A	7,391,000	7,704,000	8,700,000	
Quail Well No. 5-A	4,819,100	5,140,200	5,812,000	
Sub Total North Wells	30,423,100	32,894,200	38,441,000	-20.86%
South System Wells				
Pasatiempo 5A	3,471,300	2,874,500	N/A	
Pasatiempo 6	4,150,000	5,065,000	10,349,000	
Pasatiempo 7	1,496,000	2,101,000	3,244,000	
Sub Total Pasatiempo Wells	9,117,300	10,040,500	13,593,000	-32.93%
North South All Sources Combined	44,227,400	48,883,700	62,581,000	-29.33%
Felton System - Surface Water				
Fall Creek	9,099,953	7,440,860	11,993,200	
Bennett Spring	1,296,000	892,800	3,458,100	
Bull 1 & 2	1,296,000	892,800	0	
Total Felton System Sources	11,691,953	9,226,460	15,451,300	-24.33%
Manana Woods System				
Well 1	587,211	379,293	851,364	
Paso Mana By Pass	372,115	595,056	613,721	
Total Manana Woods Sources	959,326	974,349	1,465,085	
Sub - Total Production				
North / Felton / Manana	56,878,679	59,084,509	79,497,385	-28.45%
Less South /Manana Inter-Tie	372,115	595,056	613,721	
Total Production	56,506,564	58,489,453	78,883,664	-28.37%

**SAN LORENZO VALLEY WATER DISTRICT
PRODUCTION BY SYSTEM
+/- INTERTIES
SEPTEMBER 2015**

North System All Sources	44,227,400
Interties IN +	1,598,573
Interties OUT -	404,367
TOTAL NORHT SYSTEM	45,421,606
Felton Water system All Sources	
Interties IN +	11,691,953
Interties OUT -	1,598,573
TOTAL FELTON SYSTEM	10,093,380
Manana Woods System	587,211
Interties IN +	372,115
TOTAL MANANA WOODS	959,326

SAN LORENZO VALLEY WATER DISTRICT INTERTIE USAGE SEPTEMBER 2015

INTERTIE 2

SLVWD to SVWD 0.00

SVWD to SLVWD 0.00

INTERTIE 3

SLV SOUTH to SLV NORTH 0.00

SLV NORTH to SLV SOUTH 0.00

INTERTIE 4

SLVWD to MHWD 0.00

MHWD to SLVWD 0.00

INTERTIE 6

SLV NORTH to SLV FELTON 0.00

SLV FELTON to SLV NORTH 1,598,573

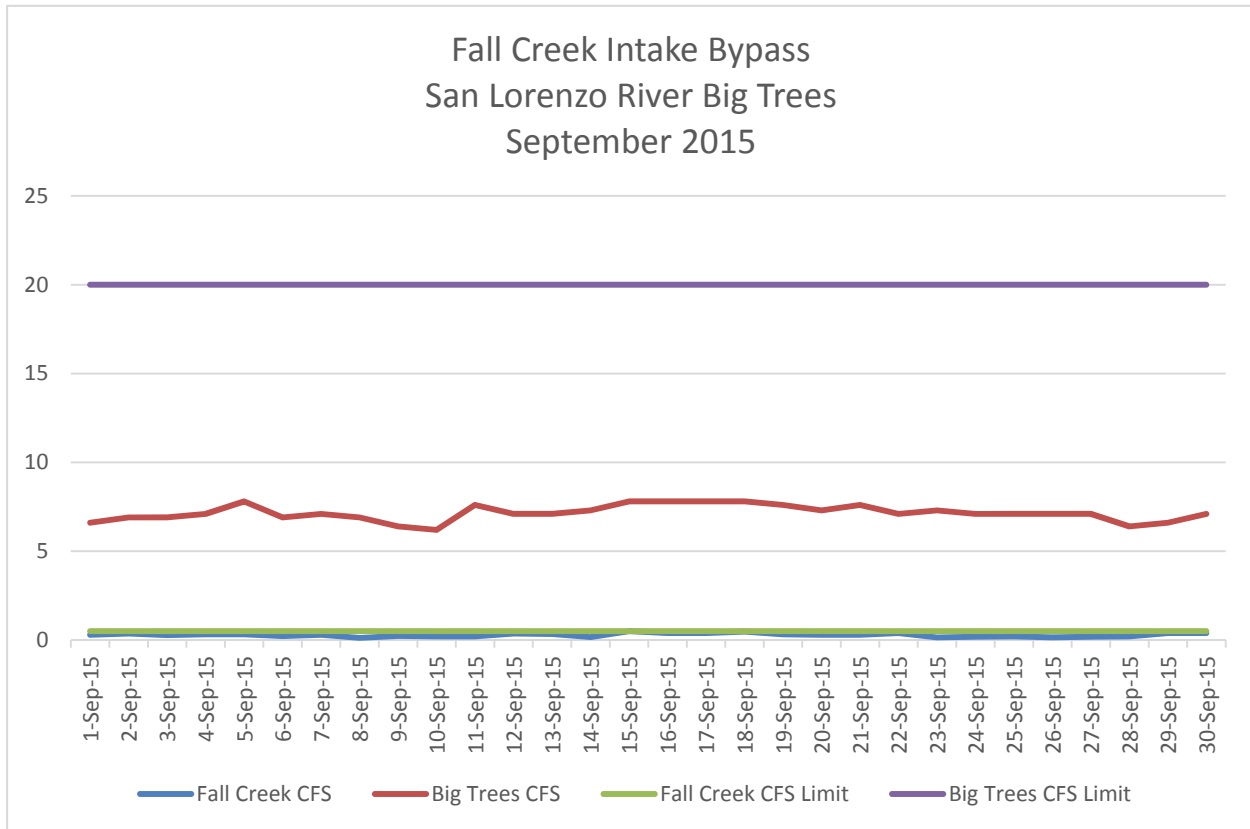
LOMPICO INTERTIE

SLV NORTH to LOMPICO 32,252

MANANA WOODS INTERTIE

SLVWD to MANANA WOODS 372,115

Fall Creek Intake September 2015



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 0.5 cfs or below, 30 days

San Lorenzo River USGS Big Trees Flow Requirements

September 10 cubic feet per second

October 25 cubic feet per second

November 1 through May 31 20 cubic feet per second

Fall Creek Intake September 2015

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

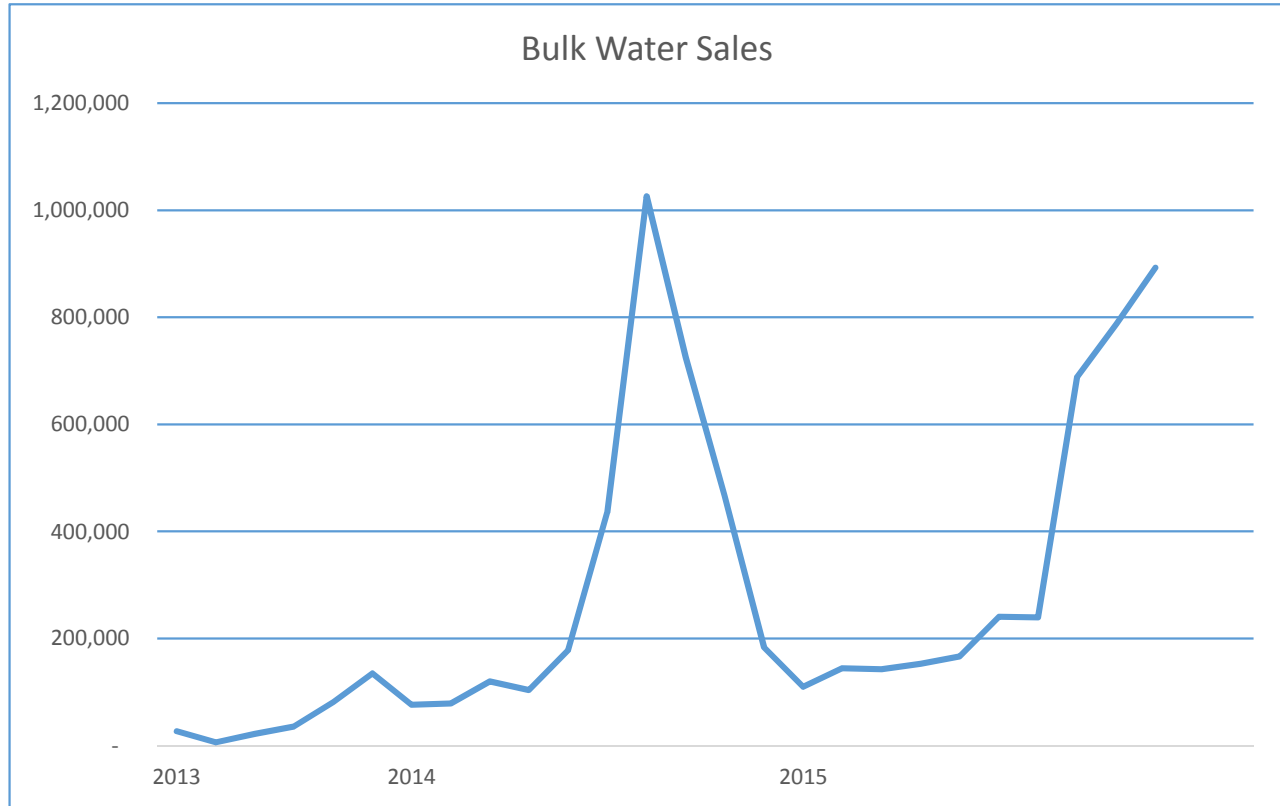
Agenda: 10.15.15
Item: 12a1iii

SAN LORENZO VALLEY WATER DISTRICT

BULK WATER SALES

GALLONS

SEPTEMBER 2015



<u>Month</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
January			144,364
February	5,984	78,540	142,868
March			152,592
April	21,692	119,680	166,804
May		103,972	240,983
June	35,904	178,772	239,360
July		435,336	688,160
August	81,352	1,026,256	787,644
September		725,560	893,112
October	134,640	466,752	
November		183,260	
December	76,296	109,965	
Totals	355,868	3,318,128	3,455,887

SAN LORENZO VALLEY WATER DISTRICT
MONTHLY LEAK REPORT
September 2015

Agenda: 10.15.15
Item: 12a1iii

NORTH SYSTEM

Leak Type	Location	Town	Gallons Lost
Main	200 feet up Drywell Road	Boulder Creek	2,375
Main	190 Mesa Drive	Boulder Creek	425
Main	215 Glenwood	Boulder Creek	1,440
Main	100 Cresta Vista	Boulder Creek	4,575
Main	15101 Two Bar	Boulder Creek	1,560
Main	Pool Drive	Boulder Creek	2,359
Main	200 Azalea Circle	Boulder Creek	1,760
Main	Forest Street	Brookale	4,730
Main	1111 Forest Way	Brookale	300
Hydrant	155 Meadow Drive	Boulder Creek	60,700
Main	280 Sunnycroft	Ben Lomond	1,640
Main	Scenic and Frost	Ben Lomond	3,030
Main	Mcphearson and Park	Ben Lomond	810
Main	Scenic and Jackson	Ben Lomond	5,400
Main	Quail Terrace	Ben Lomond	65,000
Main	Highn and Kim Road	Ben Lomond	115,000
		Sub Total North	271,104

FELTON SYSTEM

Main	Top of Featherston Drive	Felton	8,580
Main	Also Top of Featherston Drive	Felton	8,580
		Sub Total Felton	17,160

MANANA WOODS

Sub Total Manana 0

Total All Systems 288,264

San Lorenzo Valley Water District
 Authorized Unmetered Water Use
 Gallons
 September 2015

<u>North System</u>		Monthly Total	Yearly Total
Mainline Flushing			
Tank Leakage		<u>168,480</u>	
Probation	2.1 GPM		
Upper Swim	1.4 GPM		
Blue Ridge	0.3 GPM		
Echo	0.1 GPM		
Process Water		<u>95,976</u>	
Lyon CL2 Analyzer	0.02 GPM		
Quail 5 CL2 Analyzer	0.11 GPM		
Olympia CL2 Analyzer	1.32 GPM		
Paso 5a CL2 Analyzer	0.70 GPM		
Firefighting			
Tank Overflow		0	
Waste Water		0	
Sub Total North		<u>264,456</u>	
<u>Felton Water System</u>			
Mainline Flushing			
Tank Leakage	El Solyo 0.1 GPM	<u>4,320</u>	
Process Water			
Kirby WTP Analyzers	0.80 GPM		
Firefighting			
Tank Overflow			
Sub Total Felton		<u>34,560</u>	
<u>Manana Wood System</u>			
Mainline Flushing			
Tank Leakage			
Process Water			
Firefighting			
Tank Overflow			
Sub Total Manana Woods		0	
Total all Systems		<u>299,016</u>	

San Lorenzo Valley Water District

Facility Maintenance/Repairs

September 2015

Blackstone Tank

Installed second fill line between the two tanks to even the water level between the two tanks.

Olympia Well 3

Pump bearing & motor failure, pulled well replaced pump, motor and pump column.

Bull Spring Transmission Main

Replaced a 30 foot section of 4" transmission main due to leakage. Five repair clamps were present in the section of pipe replaced.

Lost Acers Booster Station

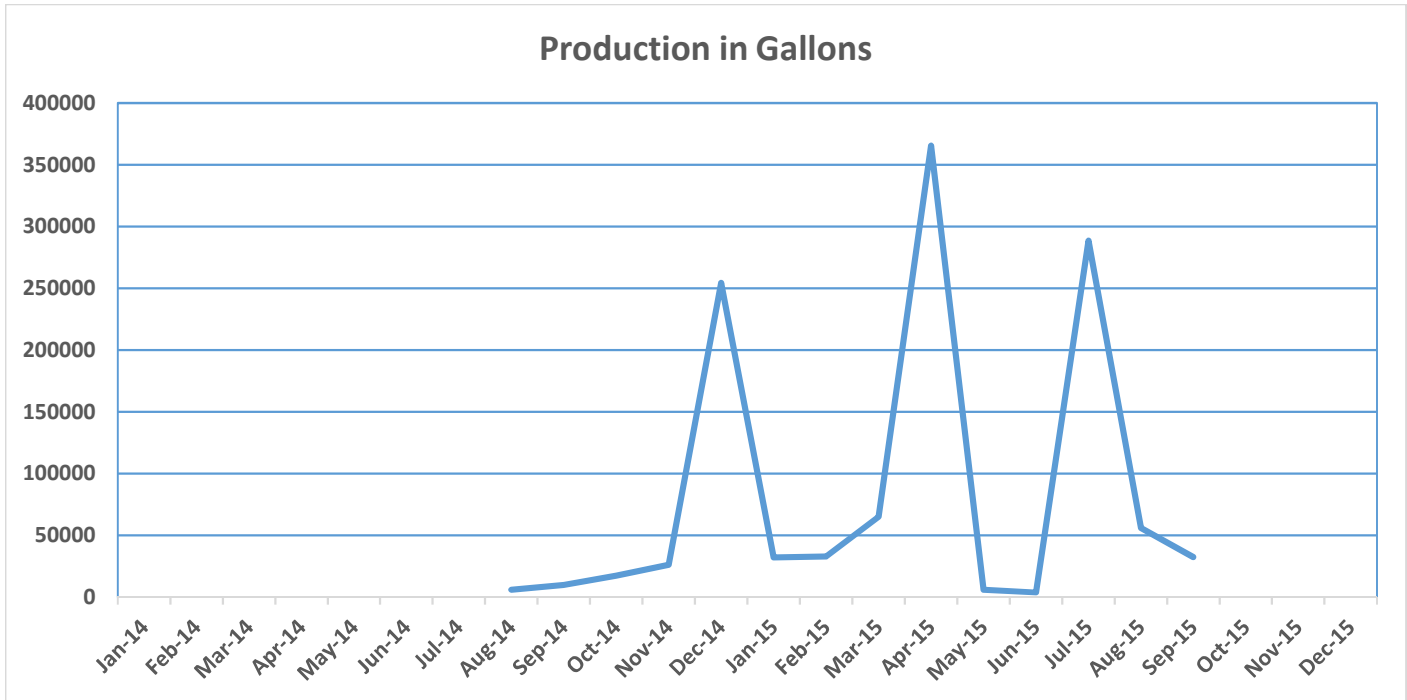
Replace pump 2, failed reached life expectancy.

Charlie Pressure System

Repaired motor on pump 2.

SAN LORENZO VALLEY WATER DISTRICT
LOMPICO INTERTIE
SEPTEMBER 2015

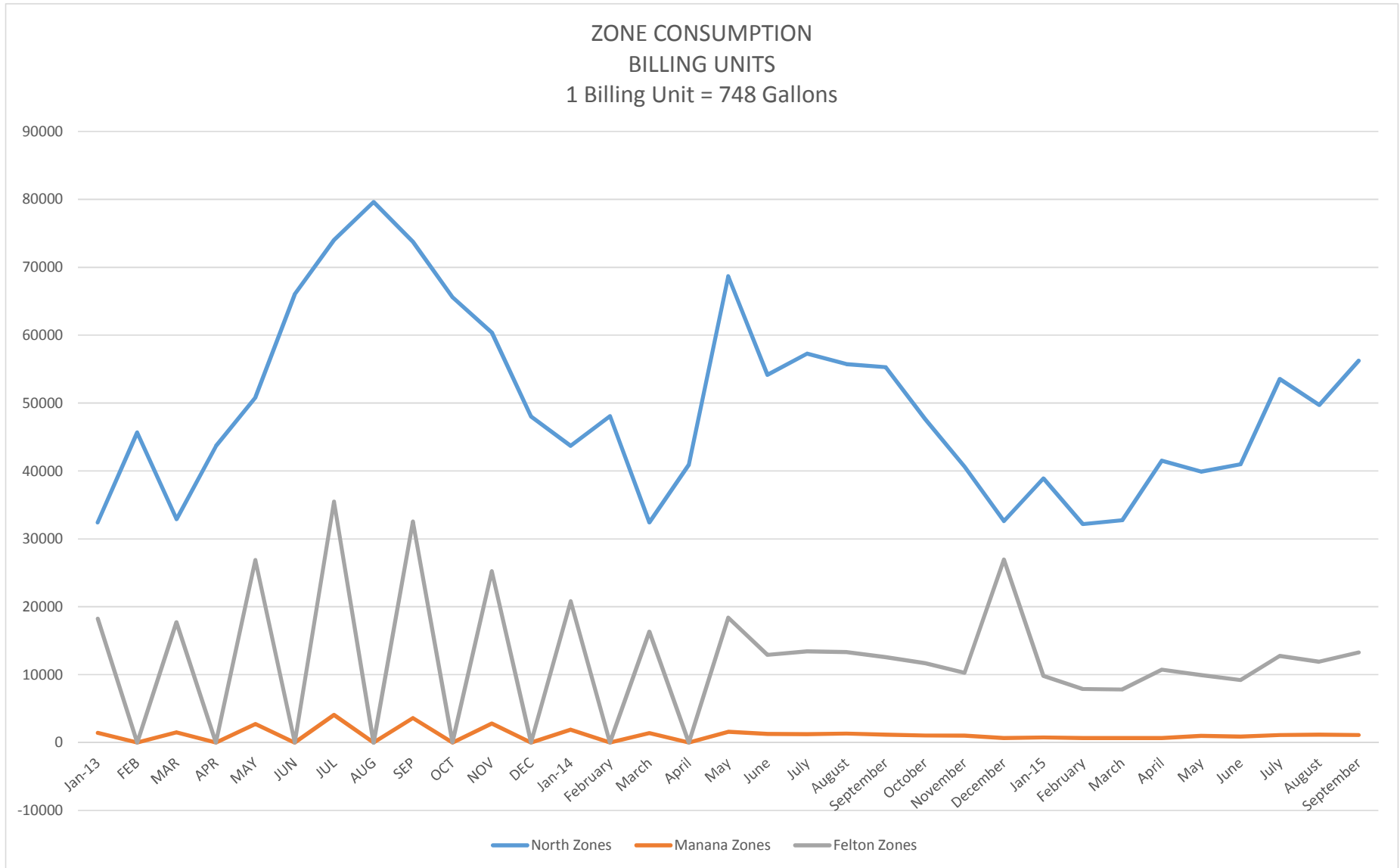
Agenda: 10.15.15
 Item: 12a1iii



Month / Year	2014	2015
January		32,164
February		32,912
March		65,076
April		365,540
May		3,740
June	44,800	3,740
July		288,728
August	5,984	55,934
September	9,724	32,252
October	17,204	
November	26,180	
December	254,320	
Totals	358,212	880,086

SAN LORENZO VALLEY WATER DISTRICT

Consumption by Zone



SAN LORENZO VALLEY WATER DISTRICT
Consumption by Zone

Agenda: 10.15.15
Item: 12a1iii

Zones	Jan-15	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT
1	326	311	347	322	397	375	402	458	415
2	83	81	121	183	170	164	189	223	237
3	189	185	203	220	208	237	326	253	291
4	6869	5450	5779	7138	6624	7035	9539	7914	8396
5	1724	944	1032	1115	1169	1405	1512	1356	1652
6	60	44	51	49	52	51	52	62	63
7	71	59	64	78	67	68	100	89	114
8	4567	3788	3864	4590	4438	4849	6115	5352	6775
9	302	255	287	340	274	293	386	353	466
10	54	41	40	59	55	75	85	68	70
11	649	464	401	538	468	528	709	571	667
12	13	10	12	15	12	15	17	17	17
13	437	270	298	391	350	390	508	383	507
14	516	415	428	589	514	538	689	595	2385
15	8	8	15	20	17	18	27	14	44
16	8729	7826	8767	10388	10232	10971	13128	13307	14181
17	282	217	214	258	226	281	268	258	314
18	827	673	674	810	705	717	911	776	962
19	284	246	256	312	264	261	317	280	373
20	742	597	605	823	761	732	1018	889	940
21	3367	2493	2587	3317	3984	3259	5163	5226	4947
22	7333	6458	5402	8115	7125	7006	9817	9032	9940
23	720	761	716	1160	937	979	1331	1187	1561
24	736	584	592	684	867	715	935	1063	929
25	576	524	506	667	774	701	857	920	877
26	154	132	141	165	202	177	219	220	201
27	25	17	21	18	14	15	20	22	36
28	264	227	206	276	288	259	322	374	364
29	158	130	125	179	140	154	234	198	243
30	239	193	191	268	286	231	333	256	307
31	7477	6048	5906	8188	7683	7018	9736	9279	10208
32	231	176	210	236	207	212	268	244	359
33	1446	1108	1175	1590	1346	1350	1877	1548	1772
	49,458	40,735	41,236	53,101	50,856	51,079	67,410	62,787	70,613
							TOTAL		487,275

	Jan-15	February	March	April	May	June	July	August	September
North Zones	38888	32180	32755	41514	39916	40962	53544	49726	121556
Manana Zones	755	673	668	668	990	893	1096	1162	1114
Felton Zones	9815	7882	7813	10737	9950	9224	12770	11899	13253

SAN LORENZO VALLEY WATER DISTRICT
Consumption by Zone

Agenda: 10.15.15
Item: 12a1iii

Zones	Jan-14	FEB	MAR	APR	MAY	JUNE	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	1700	1315	1264	1472	1215	1045	730
24	33	1474	31	1286	1260	920	1172	990	969	894	927	604
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
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
	66,407	48,073	50,183	40,924	88,655	68,488	71,976	70,390	69,043	60,387	51,951	60,227
											<u>Total 2014</u>	<u>746,704</u>

	Jan-14	February	March	April	May	June	July	August	September	October	November	December
North Zones	43708	48070	32439	40923	68699	54161	57298	55731	55306	47641	40633	32607
Manana Zones	1888	0	1389	0	1567	1279	1241	1333	1168	1059	1014	659
Felton Zones	20811	3	16355	1	18389	12910	13437	13326	12569	11687	10304	26961

SAN LORENZO VALLEY WATER DISTRICT
Consumption by Zone

Agenda: 10.15.15
Item: 12a1iii

Zones	Jan-13	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC
1	0	742	0	684	0	375	0	1315	0	1267	2	1204
2	0	174	0	199	0	164	0	631	0	519	0	458
3	0	436	0	399	0	237	0	814	0	850	5	676
4	1	14856	0	13189	16	7035	5	25687	18	20923	8	15756
5	0	2782	0	2430	3	1405	1	4676	5	3612	0	2820
6	0	100	0	90	0	51	0	157	0	104	0	82
7	0	118	0	147	0	68	0	333	0	297	0	266
8	52	9308	19	9210	60	4849	52	15349	107	12132	123	9060
9	0	622	0	701	0	293	0	1671	0	1289	0	907
10	0	231	0	66	0	75	0	278	0	188	0	152
11	0	1144	2	1180	9	528	0	2131	0	2353	6	1613
12	0	18	0	20	0	15	0	47	0	42	0	39
13	0	694	0	668	14	390	0	1420	2	1117	0	828
14	0	1024	0	981	0	538	0	2144	0	1648	5	1251
15	0	13	0	33	0	18	0	74	0	54	0	37
16	12023	9045	12059	9786	16486	10971	25131	16108	27729	13526	20690	7555
17	0	592	0	569	0	281	0	891	2	707	10	674
18	8	1752	0	1457	0	717	1	2386	0	2001	1	1907
19	2	608	0	538	1	261	5	869	1	842	0	796
20	1203	12	1359	9	2262	732	3325	44	2985	12	2900	11
21	5759	0	5447	3	8307	3259	12741	7	12050	2	9618	0
22	12014	0	12416	0	20676	7006	28212	29	26767	24	23624	0
23	1340	0	1567	0	2932	979	4511	30	4056	9	3360	0
24	26	1408	26	1284	55	715	36	2521	40	2062	29	1902
25	1053	0	1118	0	1773	701	3000	0	2760	0	2136	0
26	302	0	332	0	855	177	937	0	725	0	561	0
27	55	0	65	0	80	15	136	0	121	0	105	0
28	675	0	632	0	970	259	1308	0	935	0	827	0
29	185	0	177	0	436	154	699	0	637	0	464	0
30	514	0	580	0	691	231	991	8	1000	0	765	0
31	13634	0	13424	0	20483	7018	27588	10	25615	12	19096	0
32	239	0	258	0	321	212	307	0	293	0	324	0
33	2978	0	2663	1	3984	1350	4604	-54	4080	58	3777	0
Total	52063	45679	52144	43644	80414	51079	113590	79576	109928	65650	88436	47994
											Total 2013	830197

Zone	Jan-13	February	March	April	May	June	July	August	September	October	November	December
North Zones	32428	45679	32895	43643	50821	66024	74020	79612	73762	65580	60381	47994
Manana Zones	1410	0	1515	0	2708	0	4073	0	3606	0	2802	0
Felton Zones	18225	0	17734	1	26885	14	35497	-36	32560	70	25253	0

San Lorenzo Valley Water District
Emergency Interties 2, 3, & 4
Construction Project Status
September 2015

Notice To Proceed	1/15/15	Contract Value	\$5,733,682.50
Total Contract Duration (Calendar Days)	365	Contract Value Added	\$158,218.86
Time Extensions (Calendar Days)	17	Contract Value Subtracted	(\$200,206.55)
Revised Total Contract Duration (Calendar Days)	382	Contract Value Net Change	(\$41,987.69)
Contract End Date	02/01/16	Revised Contract Value	\$5,691,694.81
Contract Days Elapsed (through meeting date)	264	No. of Change Orders Issued & Approved	15
Contract Days Remaining	118	Pending Change Order#	0

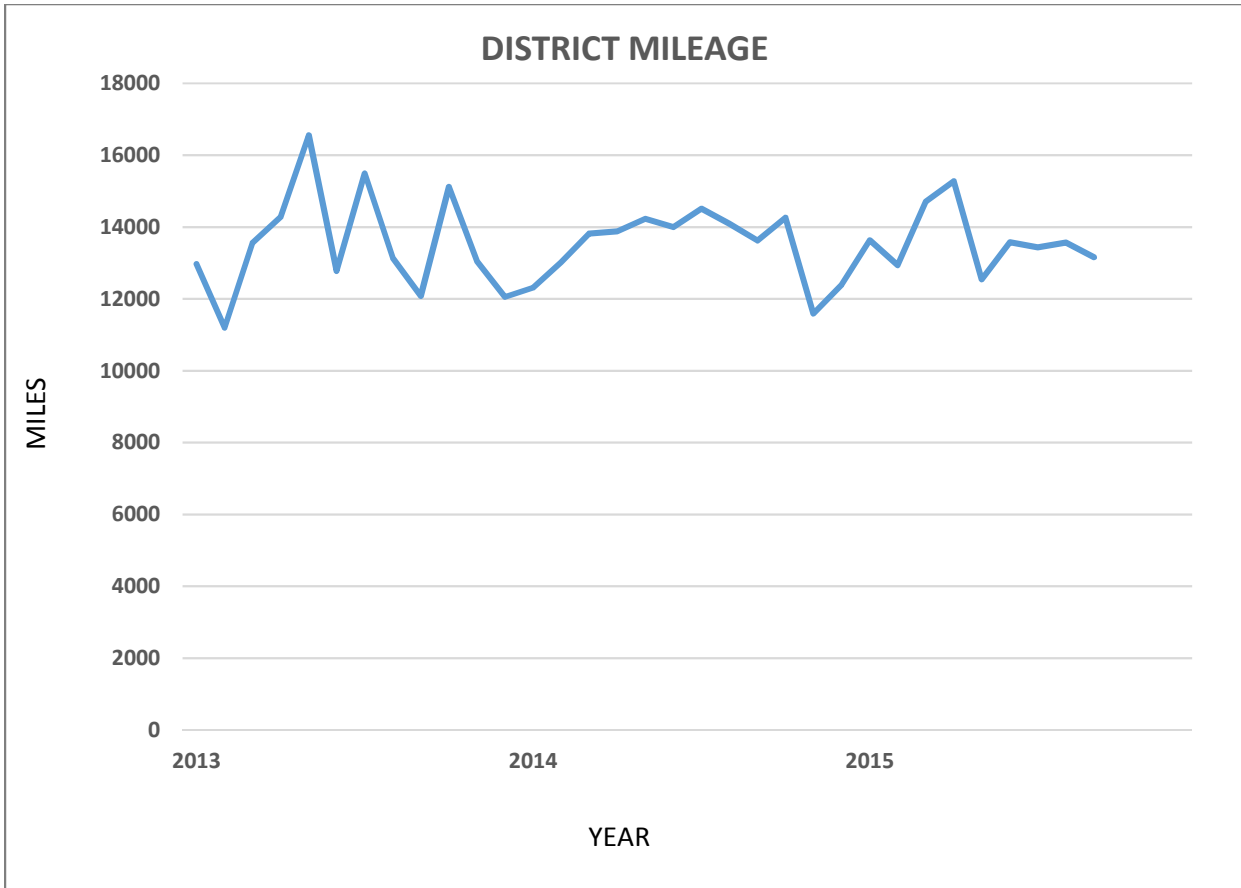
Approved Change Orders

	Description	Increase	Decrease
1	Revisions to contract, order of precedence	0	
2	SCADA Installation Interties ¾	118,286.00	
3	Intertie ¾ Electrical Services	0	
4	Progress payment retention	0	
5	Utility Crossing Station 109+80, 116+75, and 118+40 install pipe above instead of below -	10,005.00	10,005.00
6	Pump station 2/3 add membrane waterproofing to outside face stem wall of the interior.	2,479.40	
7	Pump Station 2, provide pressure gages, remove SCADA control		182,995.00
8	Generator receptacle Intertie No 3/4		2,426.00
9	Relocation of lighting panelboard, additional wiring gutter, and wall mount transformer Pump Station 2	2,788.75	
10	Shallow trench storm drain Lockwood Lane, exploratory potholing and temporary kicker	10,126.20	
11	Install electrical disconnect Pump Station 2	3,049.80	
12	Additional tee and valve at Probation Tank	4,341.17	
13	Seal perimeter of steel plates welded to Conference Drive Bridge. Increase two working days.	7,192.29	
14	Delete CMU block filler and paint		4,780.55
15	Time extension four working days. Roaring Camp Thomas the Train, and water service install	-0-	-0-

CONSTRUCTION UPDATE:

On November 6, 2014 the Board of Directors awarded construction of Interties 2, 3, & 4 to Monterey Peninsula Engineering totaling \$5,733,682.50. During the reporting period the Biologist continued performing Worker Environmental Awareness monitoring for the Mount Hermon June beetle, and Zayante band-winged grasshopper (*Trimerotropis infantilis*), other protected wildlife and plants, as well as their habitat, general provisions and protection plants. During the reporting period the contractor continued with construction of Interties 2 and 3/4 pump stations. Pipeline construction continues on Conference Drive Bridge with the installation of pipeline on the bridge. Pressure testing and disinfection was completed on Graham Hill Road. Preparation for roadway paving of Graham Hill Road was completed with approvals from the County of Santa Cruz for complete closure of Graham Hill Road on October 7 & 8 from 08:30 AM to 4:30 PM for roadway grinding and paving. Press releases and additional changeable message signs are in use for the road closure along Graham Hill Road to notice traffic. The project has a construction period of 1 year from the date of the notice to proceed and is approximately 75% completed.

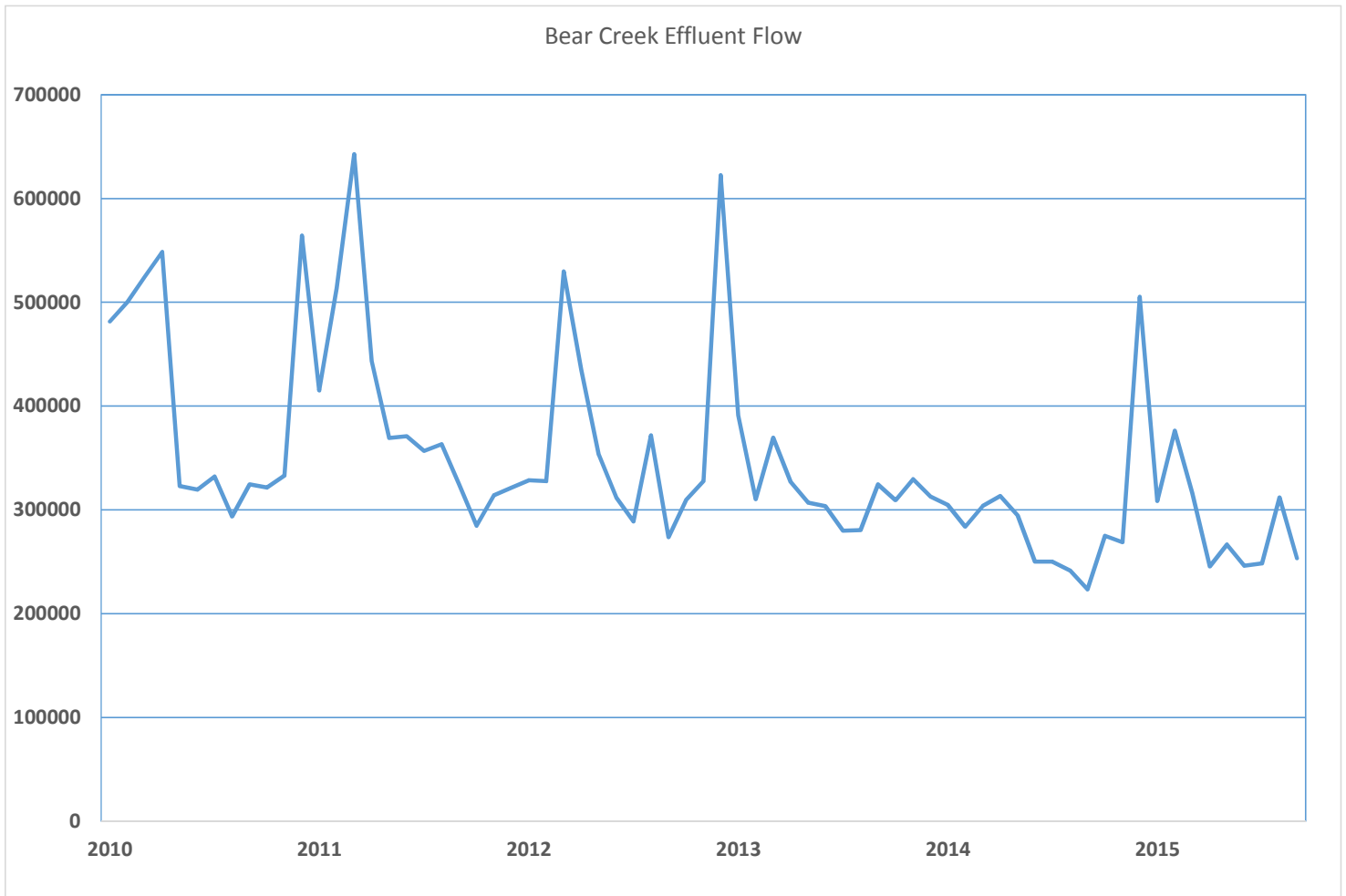
VEHICLE MILEAGE SEPTEMBER 2015



Month	2013	2014	2015
January	12,976	12,317	13,633
February	11,201	13,015	12,934
March	13,558	13,817	14,714
April	14,283	13,883	15,279
May	16,560	14,228	12,550
June	12,780	14,000	13,582
July	15,497	14,519	13,441
August	13,136	14,096	13,569
September	12,087	13,622	13,137
October	15,120	14,261	
November	13,046	11,594	
December	12,060	12,394	
Totals	162,304	161,746	122,839

SAN LORENZO VALLEY WATER DISTRICT
 BEAR CREEK ESTATES WASTEWATER
 SEPTEMBER 2015

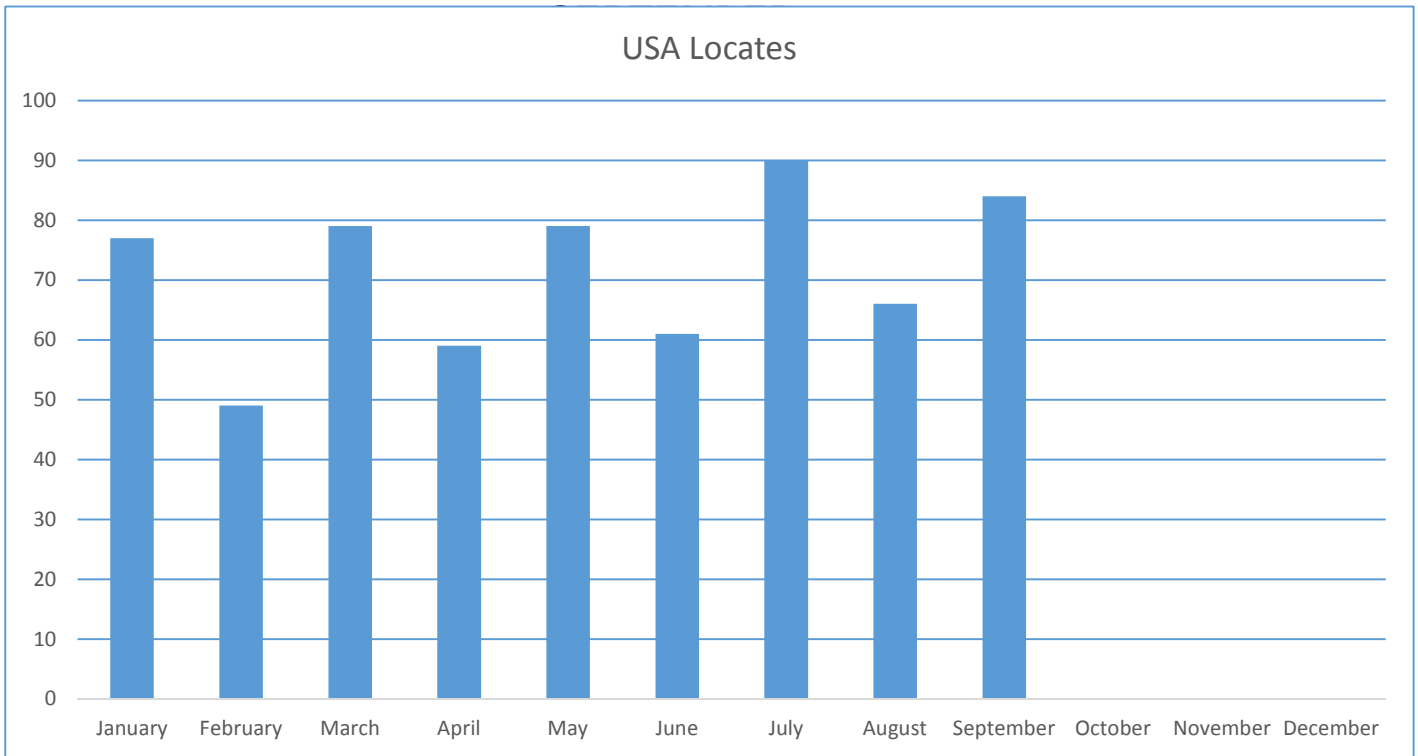
Agenda: 10.15.15
 Item: 12a1iii



Month/Year	2010	2011	2012	2013	2014	2015
January	481,500	414,900	328,500	391,200	304,700	308,500
February	500,000	513,700	327,600	310,100	283,800	376,100
March	524,500	642,800	529,700	369,500	303,800	316,100
April	548,400	443,400	435,300	326,800	313,200	245,500
May	322,900	369,200	353,200	306,900	294,400	266,700
June	319,300	370,800	311,900	303,300	250,000	246,200
July	332,100	356,800	288,900	297,800	250,000	248,200
August	293,700	363,400	371,800	280,400	241,500	311,900
September	324,600	324,400	273,600	324,600	223,300	253,500
October	321,400	284,700	309,400	304,900	274,900	
November	332,900	314,100	327,700	329,600	268,900	
December	564,200	321,500	622,500	312,900	505,100	
Totals	4,865,500	4,719,700	4,480,100	3,858,000	3,513,600	2,572,700

SAN LORENZO VALLEY WATER DISTRICT OPERATIONS DEPARTMENT

Agenda: 10.15.15
Item: 12a1iii



<u>Month</u>	<u>Number of Locates</u>
January	77
February	49
March	79
April	59
May	79
June	61
July	90
August	66
September	84
October	
November	
December	
Total to Date	644

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Our members will

- 1) mark or stake the horizontal path of their facility,
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- 3) advise the caller of clearance, for facilities that they



Tiny mountain community finally gives up its old-school water district

By **ROSANNA XIA**

SEPTEMBER 29, 2015, 3:00 AM | LOMPICO, CALIF.

In the mountains north of Santa Cruz, water is managed, as they say, "the old-school" way.

Bills are written out every two months and volunteers stuff envelopes at mailing parties. Chlorine levels are checked by hand and well pressure is calculated by a 21-year-old who got the job responding to a newspaper ad.

Residents fought for years to hang on to this way of life. But last year, state health officials announced that the Lompico County Water District's drinking supply was one of the "most vulnerable" in California. Then a pump broke on one of the community's aging wells, cutting off a major source of water. And with so little rain, the creek slowed to a gurgle.

Now, after four years of drought, Lompicans have accepted that it's time to get out of the water business.

Last winter, residents agreed to have the neighboring San Lorenzo Valley Water District take over their mom-and-pop operation. First, though, residents have to figure out how 494 households will come up with \$2.75 million to upgrade the infrastructure.

It would be the latest of several water annexations in recent years in this area's mountain communities — and a glimpse of what state officials say is the future for California's smallest water districts. At least 18 districts have been consolidated since 2013, according to the State Water Resources Control Board.

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The idea of merging had come up before, "like 20 years ago, and people said no, no, no," said

Merrie Schaller, a Lompico resident and water board director, "because it's cool to have your own water district."

Founded in the 1920s after the logging era, Lompico is now home to Silicon Valley commuters as well as longtime residents who open conversations by touting the number of years they have lived here. Many point up the road to Janis Joplin's old hangouts and say that Jerry Garcia's middle finger, chopped off accidentally before his Grateful Dead days, is still around somewhere.

For decades, managing Lompico's water was simple. There are three wells, Lompico Creek and a network of tanks and pipes that bring fresh water to sinks and showers. In addition to the cost of the water, homeowners paid about \$50 each month for a handful of staff to keep the system running.

The state's warning last year fueled rumors that Lompico was running out of water. The real problem, Schaller said, is outdated infrastructure to deliver the water.

Unlike most districts today, which use steel tanks, Lompico still stores its water in ones made from redwood trees. One of the tanks is leaking "so bad that you could basically save water by taking a shower underneath it," Schaller joked.

For Aidan Robinson and Ricardo Villa, two of Lompico's three water system operators, most mornings begin with a trek uphill in a 1995 Toyota Tacoma that could give out at any moment. The \$15,000 they had saved up for a less taped-together truck instead had to be spent fixing a well.

One recent morning, Robinson turned on a pump to refill two tanks that deliver water to homes. Farther up the unpaved road, Villa determined that water levels in the tanks had dropped almost 2 feet overnight.

Robinson quickly calculated that they would need to keep the pump running for 40 minutes.

"Everything's manual. Our automation is fried," Robinson said. "Our problem isn't water, it's money."

Talk of merging with San Lorenzo Valley began in 2010, when board members came to realize that revenue from fewer than 500 customers was not enough to sustain the aging system.

The San Lorenzo Valley district, which surrounds Lompico, saw benefits to merging but did not want to inherit its broken infrastructure. Lompico would be a good place to store more water, general manager Brian Lee said, and folding Lompico Creek into the district's system of eight streams would make water management more efficient.

Lompico residents, having long cherished their water independence, were wary. Conspiracy theories abounded, and the cost made it a hard sell. Each household will probably pay an extra \$6,000 over 10 years to fund infrastructure upgrades.

But after years of meetings, most came to understand the need to modernize.

"We have to bring this system back up to snuff," said Sean Wharton, who has lived for more than 45 years in the cabin built by his great-grandparents. "There are necessary changes that people have to make for us to have water into the next generation."

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Like many drought-conscious residents, Wharton has been careful with water. At one point, he was down to 13 gallons a day. (In Los Angeles, the average is 77 gallons.)

"We conserve to the point of ridiculousness," Schaller said. But having residents use less water also means less revenue to pay for repairs.

It's like you can't win, Schaller said, adding, "It makes sense to go regional."

To get a sense of what's coming, Lompicans could look three miles down the road. Olympia Mutual Water Co., which once pumped spring water to 51 homes, recently was folded into the San Lorenzo Valley district.

Ward Willats, the last resident to oversee his tiny community's water, said his neighbors have gone through the "stages of denial, anger, acceptance, grief."

After more than 60 years of the community's self-sufficiency, state officials kept raising water quality requirements, and the volunteer-run district couldn't keep up, Willats said.

"Despite the romantic notion of a band of scrappy neighbors getting together and running their own water system ... there were some impractical parts of it that weren't so great either," Willats said.

New pipes, wireless water meters and other infrastructure — costing almost \$1 million — were installed to link up to San Lorenzo Valley's system. Residents will pay about \$500 more a year until they clear the debt.

The spring is now abandoned. The Sunday water operations meetings, where neighbors would meet and become friends, are no more. Residents wax nostalgic for their spring water, which Willats said tasted "a little sweet." For months, he kept a bottle of it on his kitchen counter.

The water pressure is better, Willats acknowledged, and the new fire hydrants are a relief. Years ago, a fire engulfed the home next door, he recalled. Neighbors rushed out with garden hoses, but by the time the firetruck came back with more water from a nearby district, the house had burned down.

"The San Lorenzo water guys are pretty good," Willats said. "There was a lot of mistrust at first, but they were very honest and direct and helpful, and it was mostly a win-win situation."

Back in Lompico, in the crowded bungalow that serves as water headquarters, Schaller answered one phone call after another — a board member volunteering as fill-in secretary.

Robinson and Villa imagined how their jobs might change, wondering if the day might come when they could check water meters with their smartphones.

The mail arrived. One envelope, handwritten, stated its destination in two words: "Lompico Water." Robinson handed it to Schaller, who began to process the bill.

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San Lorenzo Valley Water District Proposes Rate Increase

Posted: Thursday, October 1, 2015 5:57 pm

San Lorenzo Valley Water District Proposes Rate Increase Press-Banner Staff | 0 comments

The San Lorenzo Valley Water District announced it is notifying customers of a proposed Drought Recovery and Water Capital Surcharge to make up a drought-caused revenue shortfall that impacts capital improvement projects already underway.

At its meeting on August 20, the SLVWD Board voted unanimously to proceed with the provisions of Proposition 218 to notify customers of the rate increase plan and hold a public hearing about the rate increase. The hearing is scheduled for November 19 at the SLVWD Board Room in Boulder Creek.

In 2013, the District completed a five-year-rate-study that projected yearly revenue for operational and capital costs for the years 2013-2017. From the year 2013 to the current time, California suffered severe drought and SLVWD customers responded positively to calls to cut back water usage by 25 percent. These drought conservation efforts had a negative effect on the District's revenue.

In 2013, water revenue in the amount of \$6.37 million was projected for the fiscal year 2016. In June 2015, the District approved a budget that projected only \$5.6 million. The lost revenue impacts funding capital improvement projects already underway while maintaining reserve funds for emergencies. Current SLVWD capital improvement projects include Emergency Interties 2, 3, 4 and 6, as well as the Probation Tank, Swim Tank and Fall Creek Fish Ladder.

As a result, the District is considering implementing a Drought Recovery and Water Capital Surcharge of \$1.00 per unit of water sold. The intent of the surcharge is to collect sufficient revenue to fund capital projects that the District has committed to complete. Tying the charge to consumption continues to encourage conservation.

"Our customers have done a fantastic job conserving water in response to the historic drought. An unintended consequence of conservation is the resulting loss of revenue for the District," said Brian Lee, SLVWD General Manager. "The District receives revenue that is adequate to cover the cost of delivering water to our customers daily. However, because of the drought our projected revenues no longer cover costs associated with critically important capital projects that increase fire protection and disaster preparedness, as well as fix leaking tanks and sustain watershed health."

Proposed Rate Increases

Each unit of water sold would be assessed a \$1.00 surcharge. A unit of water is 748 gallons. An average household in San Lorenzo Valley Water District uses about 4 units of water per month. Therefore, an average household would see an additional charge of \$4.00 on their monthly bill identified as the Drought Recovery and Water Capital Surcharge.

Proposition 218/Written Protests

If you have questions or comments about the proposed surcharge or wish to protest, you may:

- Address The Board: Call the District: 430-4625
- Attend the Public Hearing on November 19, 2015.
- Write to the attention of the Board of Directors: San Lorenzo Valley Water District, 13060 Hwy. 9, Boulder Creek, CA95006
- By law, protests against the Drought Recovery and Water Capital Surcharge proposal must: Be submitted in writing, identify the property by street address or Santa Cruz County Assessor's Parcel Number;
- Include the signature of at least one of the property owners (or tenants who are responsible for paying the monthly water bill); and,
- Be submitted to the District (by mail or hand delivery) prior to the close of the protest hearing.

A sample protest letter is available on the homepage of the District's website.

If written protests against the proposed surcharge are filed at or prior to the end of the protest hearing by a majority of the affected property owners, the District Board will not approve the surcharge. Protests received after the hearing closes will not be considered, including protests postmarked prior to the hearing date but not received in the mail by the date of the protest hearing. Any protest submitted by email or other electronic means will not be accepted. Only one written protest per parcel will be counted for purposes of determining if there is a majority protest.

Expect 'major' disruption as S.F. races to fix old water pipes

By Joaquin Palomino

October 5, 2015

Many of San Francisco's 1,250 miles of water pipes need to be repaired or replaced, requiring years of digging as the city races to fix an aging system, documents and data from the San Francisco Public Utilities Commission reveal.

To keep the water system running smoothly, the city has embarked on a plan to dig up and replace hundreds of miles of pipeline in the coming decades at an estimated cost of \$1.2 billion — all of which will be covered by water ratepayers.

To hit that goal, the SFPUC, which is overseeing the project, must more than double the length of water pipes it fixes annually, going from an average of 6 miles per year to 15.

As construction ramps up, it will tear apart asphalt, clog traffic, shut down streets and redirect buses. Downtown, which has most of the city's oldest water pipes, will be hit hardest, and the Sunset and Richmond districts will be heavily affected.

"Fifteen miles is 150 blocks, so that's a lot of traffic disruption; it's major," said Katie Miller, manager of the water enterprise division at the SFPUC.

The city, though, has no choice but to upgrade the pipes.

If the SFPUC maintained the 6-mile-per-year fix rate, more than half of the pipelines in the city would surpass their age recommendations by 2040. Leaks and breaks would become unmanageable, and scarce water would be wasted.

"As everybody out West now understands, water is precious," said Eric Goldstein, senior attorney in the National Resource Defense Council's urban program. "The most efficient and least expensive way for us to ensure an adequate supply is to repair leaks and take steps to reduce waste."

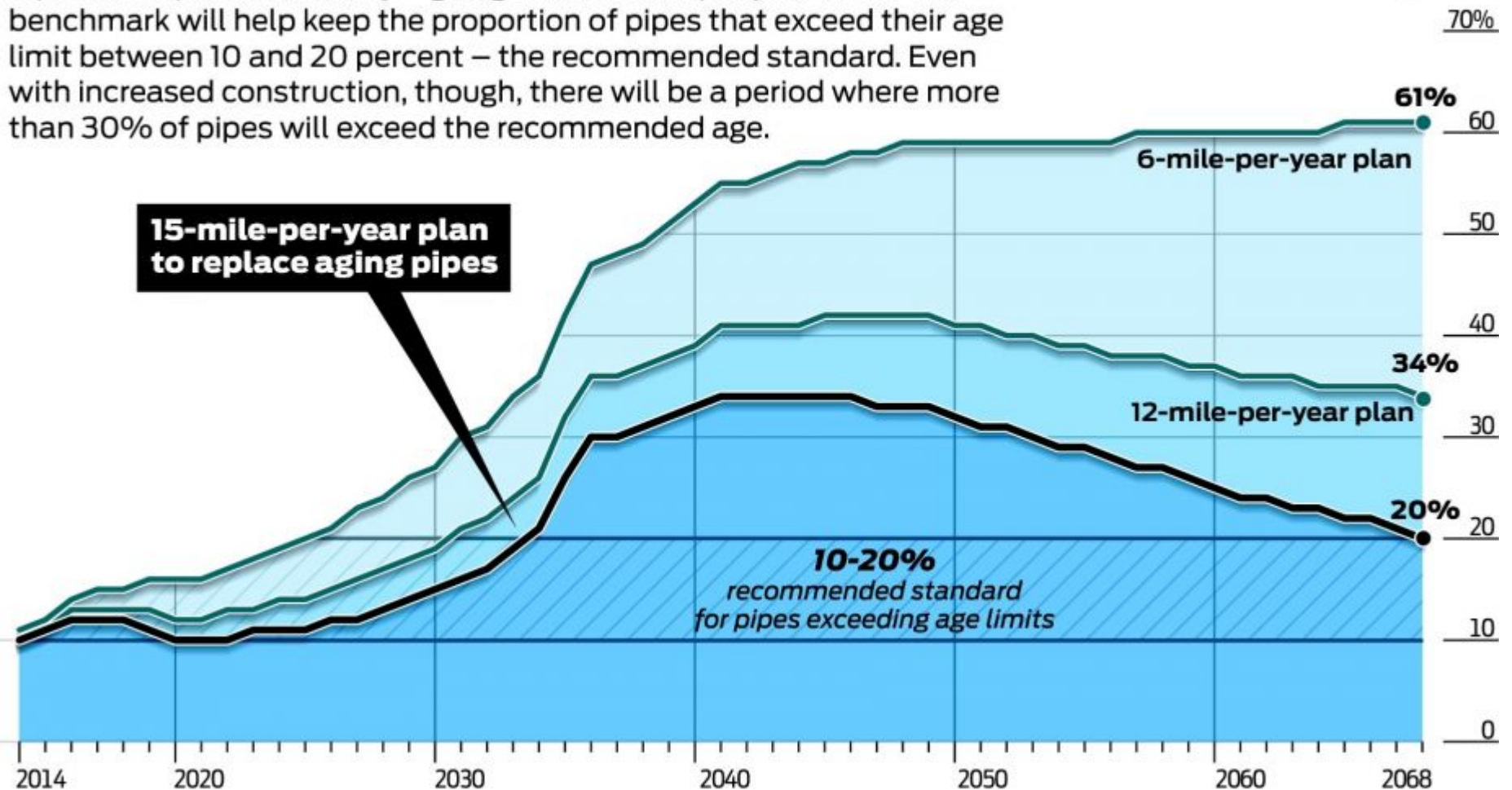
Root of the problem

Starting in 1930, San Francisco went through a residential construction boom, with row houses topping the last remaining sand dunes in the Sunset and high-rises popping up downtown. In the 1940s alone, approximately 38,800 new units went up citywide, according to a recent report by Paragon Real Estate Group.

Replacing aging infrastructure

San Francisco plans to more than double the amount of water pipes it repairs or replaces annually – going from 6 miles per year to 15. The benchmark will help keep the proportion of pipes that exceed their age limit between 10 and 20 percent – the recommended standard. Even with increased construction, though, there will be a period where more than 30% of pipes will exceed the recommended age.

Amount of pipe that exceeds age limit



Source: SFPUC

John Blanchard / The Chronicle

To connect the new homes to running water, hundreds of miles of pipes were laid. These World War II-era relics still make up a large chunk of the city's water infrastructure.

Roughly 28 percent of San Francisco's pipelines were built between 1930 and 1950, according to PUC data, and 44 percent of the nearly 500 water-main breaks over the past half decade were in pipes built during the time period.

"It's a higher than usual amount of breaks," Miller said.

Part of that can be blamed on their age, but another factor is the caliber of the pipes. During the war, much of the nation's iron was used for military equipment, leaving municipalities picking from the proverbial scrap heap.

"There was not a lot of quality assurance at the time, so there was a lot of impurities in the ore that are now resulting in breaks," Miller said.

Replacing 15 miles of aging pipes annually will cost an estimated \$48 million per fiscal year. If the pipes from the '40s and '50s begin breaking down earlier than expected, construction — and costs — will increase.

Water ratepayers would have to foot the bill.

"If this turns out to be a more severe problem than we are predicting — if it is above and beyond that 15 miles — then we may need a special funding program," said Tyrone Jue, the utility's spokesperson. The funds would probably come from a bond or by raising water prices.

Silver lining

With so many streets torn up, some are seeing possible opportunities.

"It's an opportunity to rethink things," said Charisma Acey, assistant professor of city and regional planning at UC Berkeley. "To not just lay in the old infrastructure, but also think about how we put in new infrastructure."

One idea is high-speed Internet.

Though the city is home to some of the world's biggest tech companies, its Internet speeds lag. Thanks to the city's Dig Once ordinance, though, authorities must at least consider installing fiber conduits for high-speed Internet during any pipe work that requires excavation.

With so many water pipes due to be replaced and repaired, there will be plenty of opportunities to speed up Web browsing.

"The PUC project will be a big part of the opportunity" to expand, said Miguel Gamiño, executive director of the Department of Technology. "It's not just having more fiber, but where we put fiber, which allows us to have a very resilient, cost-effective network."

Construction woes

That's small consolation for some business owners in the Haight neighborhood.

For the past two months, tractors, sparks and pounding sounds have supplanted shoppers on stretches of Haight Street, as the city repairs local sewer and water lines.

The PUC expects the project to impact 12 city blocks and stretch into fall of next year.

"Construction has to be done. We understand that," said Luke Martinez, manager of the novelty toy and clothing store Super 7. "But September is already a hard month for all of us, and I doubt anyone has made more money because of construction. ... I wouldn't want to shop on Haight Street right now."

Joaquin Palomino is a San Francisco Chronicle staff writer. E-mail: jpalomino@sfchronicle.com Twitter: [@JoaquinPalomino](https://twitter.com/JoaquinPalomino)

Billions of dollars needed to fix nation's aging water pipes

ASSOCIATED PRESS SEPTEMBER 27, 2015

SYRACUSE, N.Y. — The Environmental Protection Agency projects it will cost \$384 billion over 20 years just to maintain the nation's existing drinking water infrastructure.

Replacing pipes, treatment plants, and other infrastructure, as well as expanding drinking water systems to handle population growth, could cost as much as \$1 trillion.

Without that investment, industry groups warn of a future with more infrastructure failures that will disrupt service, transportation, and commerce.

In Massachusetts, where some water and sewer systems in older cities date to the 1800s, experts predict billions of dollars will be needed in the coming years to ensure that clean drinking water continues to flow.

“The idea that people will pay more per month for cellphone service than they pay for their water and sewer, and that they get more aggravated by the water and sewer costs is a mind-set we have to work to correct,” says Steve McCurdy, director of municipal services for the state Department of Environmental Protection.

“People will think they can't live without a cellphone, but they definitely cannot live without clean water,” he said.

For Massachusetts, the EPA estimated the cost of maintaining the water infrastructure at \$7.7 billion, including \$5.6 billion to maintain the transmission

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Quincey 09/28/15 07:48 AM

EPA good
WPA better



lesvalseuses 09/28/15 09:21 AM

Let's do it.

Every drop os precious, drought, fires, human migration...

Let's do it, now.



PJIslander 09/28/15 09:24 AM

“The idea that people will pay more per month for cellphone service than they pay for their water and sewer, and that they get more aggravated by the water and sewer costs is a mind-set we have to work to correct..” author

Sufficient water for all naturally occurs in this region. It flows downhill and insures water pressure naturally. The technology is thousands of years old. The sewerage system is another problem altogether.

The rate system however ties sewerage costs to water use costs. I water the city

The implication that water/sewerage should cost users more than cell phones is disingenuous. Traditionally humans have water and sewerage as a given, i.e. all humans forever have lived this way. Cell phones are not required to sustain life, are not naturally occurring and are not passive delivery products.



bigfoot2015 09/28/15 01:03 PM

I'll bet if you try hard enough you can bury your head even deeper!

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