



CASTROVILLE COMMUNITY SERVICES DISTRICT

P.O. BOX 1065

OFFICE: 11499 GEIL STREET

CASTROVILLE, CA 95012

FAX (831) 633-3103

President – Silvestre Montejano
Vice President – Adriana Melgoza
Director – James R. Cochran
Director – Glenn Oania
Director – Ron Stefani

24-HOUR TELEPHONE: (831) 633-2560

General Manager – Eric Tynan
Board Secretary – Lidia Santos

Website: CastrovilleCSD.org

AGENDA REGULAR MEETING OF THE BOARD OF DIRECTORS TUESDAY, JANUARY 16, 2018 – 4:30 P.M. DISTRICT BOARD ROOM – 11499 GEIL STREET

In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting, please contact Lidia Santos, Board Secretary during regular business hours at (831) 633-2560. Notification received 48 hours before the meeting will enable the District to make reasonable accommodations.

CALL MEETING TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS – (Limited to three minutes per speaker within the jurisdiction of items not on the agenda. Public will have the opportunity to ask questions or make statements as the Board addresses each agenda item.)

CONSENT CALENDAR:

1. Approve the Draft Minutes of the Regular Board Meeting of December 19, 2017 – motion item

CORRESPONDENCE:

1. Memorandum received from LAFCO regarding call for Nomination of Candidates to Fill Two Special District Seats on LAFCO (Due by February 1, 2018):
 - Regular Member Seat (Term Expires May 2022)
 - Alternate Members Seat (Remainder Term Expires May 2020)

INFORMATIONAL ITEMS:

1. *California News* – Hillside berry farms trigger erosion, speed flooding on central coast
2. *The Monterey Herald* – Report lays out options for Salinas Valley new wells moratorium
3. *The Monterey Herald* – Salinas Valley new wells moratorium delayed while work plan developed

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4. *Water Conditioning & Purification* – Recent Increase in Documented US Waterborne Disease Outbreaks
5. *The PPIC Blog* – How California’s Water Bond is Being Spent

PRESENTATION:

1. None

NEW BUSINESS:

1. Amend request for purchase of one new model truck to two instead; not to exceed \$60k – **motion item**

UNFINISHED BUSINESS:

1. Consider approving intervention as a party in CPUC proceeding A. 12-04-19 – **motion item**
2. Update on levels for Well #2, #3 #4 and #5 – Eric Tynan, General Manager
3. Update on the Local Groundwater Sustainability Agency (GSA) Formation – Director Ron Stefani
4. Update on status of grants for Moss Landing-Sewer Zone 3, Castroville-Sewer Zone 1 and Castroville-Water Zone 1 for system upgrades and improvements - Eric Tynan, General Manager
5. Update on 630,000 gallon Welded Steel Tank Painting Project – Eric Tynan, General Manager
6. Update on radio system upgrades for water and sewer systems for \$15,956 and have contractor install – Eric Tynan, General Manager

BOARD OF DIRECTORS COMMUNICATION: When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water board meeting – Directors Ron Stefani, and James Cochran
2. Update on other meetings/educational classes attended by the Directors

GENERAL OPERATIONS:

1. **General Manager’s Report** – Compliance Update, Current Projects Update, Seminars Update, Staff Update, Suggestive Projects Discussions
2. **Operation’s Report**
 - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation
 - b) Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
 - c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
3. **Customer/Billing Reports** – A/R Update, Water Sales, Water Usage
4. **Financial Reports** – Treasures Report-L.A.I.F., Quarterly Financial Statements**Internal Report** and Administration Update

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CHECK REGISTER – Receive and file the Check Register for the month of December 2017 –
motion item

ITEMS FOR NEXT MONTHS AGENDA: Tuesday, February 20, 2018 at 4:30 p.m.

CLOSE:

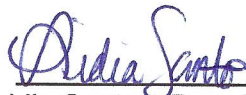
Adjournment to the next regular scheduled Board Meeting – **motion item**

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 11499 Geil Street, Castroville, California.

Certification of Posting

I certify that on January 12, 2018, I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of the Castroville Community Services District, said time being at least 72 hours in advance of the meeting of the Board of Directors (Government Code Section 54954.2).

Executed at Castroville, California, on January 12, 2018.



Lidia Santos, Board Secretary

THE OFFICIAL MINUTES OF THE REGULAR BOARD MEETING OF
CASTROVILLE COMMUNITY SERVICES DISTRICT
December 19, 2017

President Ron Stefani called the meeting to order at 4:30 p.m.

ROLL CALL:

Directors Present: President Ron Stefani, Vice President Silvestre Montejano, Director Glenn Oania and Director James Cochran

Absent: Director Adriana Melgoza

General Manager: Eric Tynan

Secretary to the Board: Lidia Santos

Staff Present:

Guest: Grant T. Leonard

PLEDGE OF ALLEGIANCE

At the request of President Ron Stefani, Vice President Silvestre Montejano led the Pledge of Allegiance.

PUBLIC COMMENTS

1. President Ron Stefani called for Public Comments – Grant T. Leonard wished everyone a Merry Christmas and Happy New Year!

CONSENT CALENDAR

1. A motion was made by Glenn Oania and seconded by James Cochran to approve the minutes of the November 21, 2017 Scheduled Board Meeting. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

Consent Calendar accepted as presented

CORRESPONDENCE:

1. Letter received from ACWA JPIA recognizing Castroville CSD for having a Loss Ratio of 20% or less in the Liability (for the period 10/01/2013 - 09/30/2016) and the Property (for the period 04/01/2013 – 03/31/2016 programs.

Correspondence Calendar accepted as presented

INFORMATIONAL ITEMS:

1. *The Monterey County Weekly* – To stave off seawater intrusion, county supes support a moratorium on new wells
2. *The Monterey Herald* – Hillside berry farms trigger erosion, speed flooding on central coast
3. *CSDA e-News* – Changes to control guidelines detect and prevent financial errors and fraud

Informational items accepted as presented

PRESENTATIONS:

1. None

NEW BUSINESS:

1. Surplus HHR vehicle and 2007 Chevy truck and replace with a new model truck – General Manager Eric Tynan informed the Board that he would like to sell the HHR vehicle and 2007 Chevy truck. The HHR vehicle is not working out like he had anticipated. The operators do not feel comfortable driving this vehicle for the reason that it has limited window side views. District policy for new vehicles is 8 04

years or 80,000 miles. A new truck is needed for the Operations Department and Jonathan would be the operator assigned to this new vehicle. A motion is made by Glenn Oania and seconded by Silvestre Montejano for General Manager Eric Tynan to proceed with selling the HHR vehicle and 2007 Chevy truck and to look at purchasing a new truck for the Operations Department. The motion carried by the following:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

District Legal Counsel Lloyd Lowrey arrives at 4:39 p.m.

2. Announce position opening for Water Service-Collection System Maintenance Worker I (Operator 1) as Alex Torres has resigned – General Manager Eric Tynan reported to the Board that the most recent operator hired June 2017, resigned the 15th of December for another job opportunity in San Jose. He will wait until after the holidays to start filling this position. The other operator hired in April 2017, Jonathan Varela continues to do a great job.
3. Approve Castroville CSD Destruction Certificate #12-2017 as the retention period for listed records have expired – The Board viewed Castroville CSD Destruction Certificate #12-2017. A motion is made by Glenn Oania and seconded by James Cochran to approve the destruction of records listed on Castroville CSD Destruction Certificate #12-2017 as the retention period for listed records has expired. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

4. Opposition of 2015 Moss Landing Sewer Allocation Plan from Moss Landing Harbor District regarding the Moss Landing Community Plan – General Manager Eric Tynan informed the Board that the Moss Landing Harbor District still wants to keep in place the 1984 Sewer Allocation Plan. The Moss Landing Harbor District is threatening to sue Monterey County if the 1984 Sewer Allocation Plan is changed. The current 2015 Moss Landing Sewer Allocation Plan increases allocation from 105 to 140 K/G/D. General Manager Eric Tynan stated that there is plenty of capacity and furthermore the Castroville CSD owns and operates the sewer system since July 2014 not the County.
5. New President shall be elected every two years by the Board, acquire the chair as of January as it is the Board's policy to rotate the office of President among the Board members – Per Board policy it is time for the Board to elect a new president and vice president. After some discussion, a motion is made by James Cochran and seconded by Glenn Oania to elect Silvestre Montejano as Board President and Adriana Melgoza as Vice President effective as of January 19, 2018. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

6. District Legal Counsel Lloyd Lowrey informed the Board that an item can be added to the agenda that arose after the posting of the agenda if it is a matter of urgency and a decision is needed before the next regular board meeting. A motion is made by James Cochran and seconded by Glenn Oania to add this item to the agenda in which the Castroville CSD District has a significant stake in. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

7. Urgent item required a decision on whether the Castroville CSD should consider approving intervention as a party in CPUC proceeding A. 1201-19 - The Board needs to decide if they want to approve intervention as a party to in the CPUC proceedings in order to be assured as a participant at the next meeting. District Legal Counsel Lloyd Lowrey informed the Board that in his opinion that this Board does not have enough information yet to make an informed decision and recommended the Board wait until the next regularly scheduled meeting, the 16th of January 2018 on whether to become a party or not. However, this will mean that Castroville CSD will not have a direct seat at the 11th of January 2018 meeting. President Ron Stefani will be able to attend on behalf of Monterey One Water but cannot report back to Castroville CSD due to Brown Act violations. A motion is made by Glenn Oania and seconded by Silvestre Montejano to table this item until the January 16, 2018 board meeting. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

UNFINISHED BUSINESS:

1. Update on levels for Well #2, #3 #4 and #5 – General Manager Eric Tynan informed the Board on the current well levels as of December 1, 2017 were as follows: Well #2 is currently at -12.6 feet below sea level and November 1, 2017 it was actually -18 but it was reported as -12.6 feet below sea level as it was recalculated due to the sounders being off. Well #3 is currently at -34.5 feet below sea level and November 1, 2017 it was actually -50 but it was reported as -45.5 feet below sea level as it was recalculated due to the sounders being off, and Well #4 is at -36 feet below sea level and December 1, 2017 it was -50.9 feet below sea level. Well #5 is currently at -35 feet below sea level and November 1, 2017 it was -35. A graph of the well trends for the months August 2015 through December 2017 can be viewed on page 20 of the board packet. General Manager Eric Tynan stated that the District should be pushing hard for the Desal Plan that CalAm wants to build.
2. Update on the Local Groundwater Sustainability Agency (GSA) Formation and Alternate Director for the Small Water System/Disadvantaged Community Seat on the Board of Directors for the Salinas Valley GSA – President Ron Stefani informed the Board that the main topic of discussion at this meeting was the proposed moratorium on new wells. General Manager Eric Tynan also attended this meeting. To stave off seawater intrusion, county supervisors support a moratorium on new wells.
3. Update on status of grants for Moss Landing-Sewer Zone 3, Castroville-Sewer Zone 1 and Castroville-Water Zone 1 for system upgrades and improvements - General Manager Eric Tynan reminded the Board that Castroville CSD is still waiting to be notified on the outcome of the application by the State Water Resource Control Board. The District being designated as a “Severely Disadvantaged Community” should provide an advantage with grant funding. A funding update provided by Lidia Gutierrez with Gutierrez Consultants who is assisting the District with the grant application can be viewed on pages 21-28 of this board packet.
4. Update on 630,000 gallon Welded Steel Tank Painting Project – General Manager Eric Tynan informed the Board the “Notice of Award” has been mailed out to the contractor selected, Quality Painting and Maintenance. The project is not scheduled to start until April when the weather is better.
5. Update on radio system upgrades for water and sewer systems for \$15,956 and have contractor install – General Manager Eric Tynan notified the Board that at last month’s board meeting the Board had approved the purchase of the equipment (radio system upgrades) for water and sewer systems for \$15,956. The contractor he has selected to do the upgrades, Mike Brigham with Life Support Controls LLC is currently out of town.
6. Response from alarm company for Castroville CSD District break-in on November 21, 2017 at 4:30 a.m.- General Manager Eric Tynan reported to the Board that he informed the alarm company, All Safe Security Alarm that the Board was not pleased to find out that the alarm monitors failed to respond during the break-in on November 21, 2017. Furthermore, he had All Safe Security Alarm replace the four monitors that failed to respond at no cost to the District.

BOARD OF DIRECTORS COMMUNICATION: When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water board meeting – President Ron Stefani reported to the Board that at this meeting the board was provided an update on the Groundwater Replenishment (GWR) Project and Urban Reclamation Projects. Also, discussed was to consider recommending approval of a budget amendment to allocate budget for Pure Water Monterey expansion activities.
2. Update on meetings/an educational class attended by the Directors – None to report.

GENERAL OPERATIONS

1. General Manager's Report – Compliance update, current projects update, meetings/seminars update, staff update, suggestive projects discussions
2. Operation's Report
 - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation
 - b) Water -Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
 - c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
3. Customer /Billing Reports – Water Sales, Water Usage, A/R Update, Customer Service Update
4. Financial Reports – Treasures L.A.I.F. Report, Internal Report, Administration Update

General Operations Reports were accepted as presented

CHECK LIST – November 2017. A motion was made by Glenn Oania and seconded by James Cochran to pay all bills presented. The motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

CLOSE:

There being no further business, a motion was made by Glenn Oania and seconded by Silvestre Montejano to adjourn to the next scheduled Board meeting; the motion carried by the following vote:

AYES:	4	Directors:	Montejano, Oania, Cochran and Stefani
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	1	Directors:	Melgoza

The meeting adjourned at 5:24 p.m. until the next scheduled meeting

Respectfully submitted by,

Approved by,

Lidia Santos
Secretary to the Board

Silvestre Montejano
President

2018

Commissioners

Chair

Simón Salinas
County Member

Vice Chair

Warren E. Poitras
Special District Member

Sherwood Darington
Public Member

Matt Gourley
Public Member, Alternate

Joe Gunter
City Member

Maria Orozco
City Member, Alternate

Jane Parker
County Member

John Phillips
County Member, Alternate

Ralph Rubio
City Member

Vacant
Special District Member
Alternate

Graig R. Stephens
Special District Member

Counsel

Leslie J. Girard
General Counsel

Executive Officer

Kate McKenna, AICP
132 W. Gabilan Street, #102
Salinas, CA 93901

P. O. Box 1369
Salinas, CA 93902

Voice: 831-754-5838
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www.monterey.lafco.ca.gov

MEMORANDUM

DATE: January 3, 2018

TO: Independent Special District General Managers, Fire Chiefs and CEOs

FROM: Kate McKenna, AICP, Executive Officer

SUBJECT: Call for Nominations of Candidates to Fill Two Special District Seats on LAFCO (Due by February 1, 2018) –

(1) Regular Member Seat (Term Expires May 2022)

(2) Alternate Member Seat (Remainder Term Expires May 2020)

Instructions to District General Managers and Presidents/CEOs

Please forward this Call for Nominations to your District's Board of Directors or Trustees. Qualified individuals may submit their own nominations by returning the attached form to the LAFCO Office by February 1 at 5:00 p.m.

Call for Nominations

This is a call for nominations for candidates to fill two Special District seats on the Local Agency Formation Commission of Monterey County. One seat is a Special District Representative (Regular) seat with a four-year term that will expire in May 2022. This seat is currently held by Graig R. Stephens (Soledad Community Health Care District), and the term is expiring in May 2018. The second seat is the Special District Representative (Alternate) to LAFCO. This seat was vacated by Steve Snodgrass because he was not re-appointed to the Pajaro/Sunny Mesa Community Services District Board of Directors. The Alternate seat has a remaining term that will expire in May 2020. Please note that the Special District Representative (Regular) seat held by Warren E. Poitras (Monterey County Regional Fire Protection District) is NOT open for nominations.

Selection Process and Schedule

A qualified Director/Trustee may nominate himself or herself as a candidate to serve on LAFCO. Please return the completed nomination form by February 1. No Board action is required for a nomination. After the close of the nomination period, the LAFCO Office will prepare a ballot listing the qualified candidates. Each District will receive a mail-in ballot and voting instructions in February. All Boards of Directors/Trustees will be requested to vote and return a signed ballot. Depending on the number of qualified candidates and to ensure diversity in representation, the voting process may require sequential ballots. The new representatives will be seated by May 2018.

Candidate Qualifications

By policy, all three Special District LAFCO representatives should reflect a broad cross-section of services and geography, and no two Commissioners shall be from agencies that provide like services. Therefore, candidates for this election shall not be from a Fire District. Also, each candidate must be an elected or appointed board member of a Monterey County independent special district, residing within the County, and not a member of a legislative body of a city or county.

Please contact me if you have any questions about the selection process or qualifications. Thank you and best wishes for a Happy New Year.

Attachment: Nomination Form and Candidate Statement

LAFCO *of Monterey County*

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

KATE McKENNA, AICP
Executive Officer

INDEPENDENT SPECIAL DISTRICT SELECTION COMMITTEE

NOMINATION FORM TO DECLARE CANDIDACY AND REQUEST NAME AND STATEMENT ON BALLOTS FOR ONE REGULAR POSITION AND ONE ALTERNATE POSITION ON THE LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

Due Date: February 1, 2018

Nominations will be considered to fill the four-year term for one Regular seat (expiring May 2022) and the remaining term for one Alternate seat (expiring May 2020) for Independent Special District Commissioners on the Local Agency Formation Commission of Monterey County.

Nomination Deadline and Process:

Nominations must be received in the LAFCO Office by February 1, 2018 at 5:00 p.m. Qualified persons may submit their own nominations using this form (no Board action is needed). You may email the completed form to mckennak@monterey.lafco.ca.gov OR mail it to P.O. Box 1369, Salinas, CA 93902 OR hand-deliver it to 132 W. Gabilan Street, Suite 102 in Salinas.

Nomination Statement:

"I, _____, hereby declare myself a candidate for the election to the position of Regular or Alternate Commissioner of the LAFCO of Monterey County. I am an elected or appointed Monterey County Independent Special District board member or trustee residing within the county and not a member of a legislative body of a city or county. I request my name be placed on the official ballot and, if elected, I will qualify and accept the office of Regular or Alternate LAFCO Commissioner for which I am selected and serve to the best of my ability."

Nominee Information:

Name: _____
Address: _____
Phone and e-mail: _____
District represented: _____
Your position with the District: _____
Number of years as a District Board Member or Trustee: _____

Candidate Statement for the Ballot:

Please give reasons for wanting to be an elected LAFCO Commissioner and briefly summarize qualifications and background:

Signed: _____

Name (Print): _____

Date: _____

Thank you for your interest in serving on LAFCO of Monterey County.

Hillside berry farms trigger erosion, speed flooding on central coast

Strawberry fields require plastic row coverings that send rainwater — and soil — coursing down hillsides

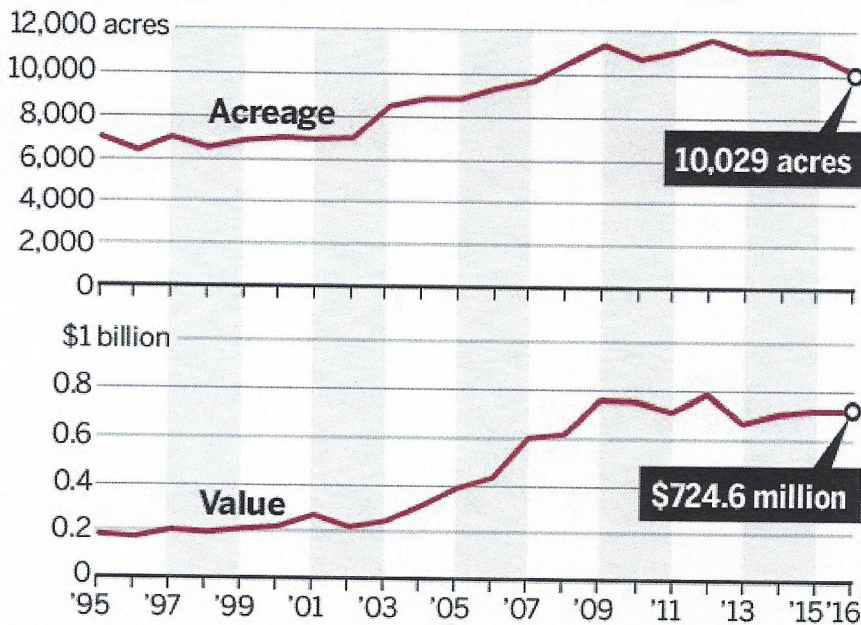
SALINAS — “Plastic!” said Dale Huss, gesturing in frustration out the window of his pickup truck at the berry fields sprawling over rolling hills, as strawberry plants peeped out from plastic tarps stretched over raised earthen rows.

Strawberries are one of California’s most profitable crops, especially in the Monterey Bay area. But the plastic row covers that protect berries from cold and pests also increase water runoff and erosion on hillside fields.

Huss, vice president of artichoke production for Ocean Mist Farms, a major produce company in Castroville, is tired of all the plastic and the runoff. “All this water goes toward Castroville,” Huss said. “We inherit everyone’s problems.”

STRAWBERRY FIELDS FOREVER?

As the price of fresh strawberries has risen, the crop has become an increasingly attractive choice for Monterey County growers.



Source: Monterey County Agricultural Commissioner's Office

BAY AREA NEWS GROUP

Farmers use plastic on strawberry farms to stymie sprouting weeds and to warm the soil to start the growing season earlier. The plastic can increase strawberry production by 2.5 times.

Last winter's extreme rains exacerbated chronic sediment erosion from farms, especially berry fields perched on hills. In February, a segment of Elkhorn Road collapsed as a result of the runoff from nearby fields, closing the road for months. And many Monterey County farmers fear that this January and February, the two rainiest months of the year, will bring similar problems.

All the water running downhill, environmental scientists say, increases the risk of floods and brings down chemicals and fertilizers from fields further up the watershed. The moving water also sweeps trash into local drainage canals.

Although the runoff problems are well-known in Monterey County, regulations designed to prevent erosion from agricultural land don't exist. Additionally, there is little incentive for farmers to practice erosion prevention until the county steps in to enforce erosion-control code violations.

Berries grow in popularity

The acreage of strawberry fields in Monterey County has increased from 7,022 in 1995 to 10,029 in 2016, including many new fields on sloped hillsides. Nearly 90 percent of the nation's strawberries are grown on California's central coast, where the fruit thrives in the mild climate and sandy soil.

California's bright red crop is worth about \$2.6 billion annually. From 2000 to 2012, the price for fresh strawberries increased by a third, making them an increasingly attractive crop choice for growers.

"It's not an option to not use plastic" in commercial strawberry farms, said Mark Bolda, a farm adviser at the University of California Cooperative Extension.

But while plastic may boost production, it also prevents rain from soaking into the soil. Instead, water collects in the uncovered furrows between the rows, forming mini-rivers that run quickly downhill, carrying soil with them.

During wetter-than-normal seasons such as last winter, slurries of water and sand run off from the fields to inundate and bury roads, choke creeks and harm fish. The water and sand also spill onto farmland, yards and golf courses.

"We're seeing more and more plastic mulch," said Karen Worcester, a senior environmental scientist with the Central Coast Regional Water Quality Control Board. "It's like having a bunch of parking lots on steep slopes."

Several Monterey Bay area strawberry growers contacted for this article declined to comment about the problem. But Tom Moss, senior water resources hydrologist for Monterey County, said that he and his team work regularly with strawberry farm owners and managers to minimize erosion violations. The “improvements and fixes make a big difference,” Moss said.

Flat land is gone

Hillsides are often the only land available to farm after the fertile, flat land of the Salinas Valley has been claimed.

Peering out from under the brim of a cap embroidered with the Sea Mist Farms’ artichoke logo, Huss pointed out fields along San Juan Grade Road and Blackie Road in the Castroville area that had previously been used for grazing.

Historical aerial photos of the area near San Juan Grade Road support Huss’ observations — there has been a significant change over the past 10 years. From 2007 to 2016, 1,000 acres previously used for grazing and other crops became berry fields, with many of them marching steadily up the hillsides.

Sandy soil worsens runoff problem

Bolda estimates that one inch of rainfall onto a 30-acre, plastic-covered farm could send enough water downhill to fill an Olympic-sized swimming pool. And the hills’ sandy soil only exacerbates the problem.

The sand that runs off hillside strawberry fields partially covered in plastic is easily transported in moving water during storms. (Photo by Sarah Derouin) “In my opinion, some of those hillsides should never have been farmed,” Worcester said. “Even without the plastic, there’s really very little opportunity to stabilize the slope.”

To illustrate some of the problems runoff and erosion cause downstream, Huss eased his truck off San Juan Grade Road into the driveway of the golf course at Salinas’ Crazy Horse Ranch. There, heaps of soil framed the banks of a small creek flowing through the property — remnants of the sediment that choked the channel during winter storms.

Wildlife in neighboring waterways can also suffer from increased erosion. Streams and creeks become clouded with sediment. The water begins to look like chocolate milk, covering nesting sites for steelhead trout and clogging the gills of fish and other aquatic animals.

“It really changes the nature of life in that creek,” said Pam Krone-Davis, the agricultural water quality coordinator for the Monterey Bay National Marine Sanctuary. “It changes the whole ecosystem.”

Damage control

Though these runoff issues are a longstanding frustration for farmers, county officials and scientists alike, it's not clear how to solve the problem. Monterey County's large size and the rapid pace of crop rotation make monitoring agricultural erosion extremely challenging, said Brian Escamilla, a water resources technician for the county.

Part of Escamilla's job is to investigate complaints of erosion from farms. The county directs any farmers in violation of erosion codes to install engineer-approved erosion control measures on their land, he said.

Erosion control measures include placing straw-stuffed, tubular wattles to redirect water flow, planting cover crops within field furrows to slow the flow of water, and installing ponds that allow extra sediment to sink instead of flowing off the property.

But these methods only slow the inevitable escape of soil and sediment.

"If farmers spent on (sediment and erosion control) a fraction of what they spend on food safety, there wouldn't be a problem," said Shawn Atkins, the maintenance manager for Monterey County Public Works.

Atkins has had to deal with sediment and dirt-clogged roadways adjacent to farmland since he joined the public works department in 2001.

In January 2015, Atkins joined a task force to address the issue of farm runoff in collaboration with officials from the Monterey County Agricultural Commissioner's Office and the county's Resource Management Agency. After a year and a half, however, the team couldn't reach a consensus on how to define the only erosion violation recognized by Monterey County: "accelerated erosion." As a result, the task force couldn't bring any cases against farmers — and ultimately disbanded.

Atkins favors adding the regulation of sediment accumulation to erosion violations.

"In my opinion," he said, "our code needs a bit of work."

Recent Increase in Documented US Waterborne Disease Outbreaks

On November 10, 2017 the Centers for Disease Control and Prevention (CDC) released a review of the causes of waterborne disease outbreaks associated with drinking water in the US from 2013 to 2014, the most recent assessment period.¹ The review, known as the *CDC Surveillance Summary of Waterborne Disease Related to Drinking Water*, is published approximately every two years and includes detailed information on reported outbreaks investigated two to three years prior. These reviews provide detailed information on outbreak causes and effects that help to identify continued failures in the delivery of safe drinking water at the tap and the expected benefit of POU water filtration.

History of the surveillance system

Since 1971, the Waterborne Disease and Outbreak Surveillance System (WBDOSS) has been used to collect data on reported waterborne disease, including drinking water and recreational water exposures. The WBDOSS consists of the CDC and the US Environmental Protection Agency (USEPA) in cooperation with the Council of State and Territorial Epidemiologists (CSTE). Data is reported to the system by public health departments and published biennially in the *Morbidity and Mortality Weekly Report (MMWR)*. Health departments are responsible for detecting, investigating and reporting outbreaks voluntarily.

Since 2009, data has been reported via an electronic format known as the National Outbreak Reporting System (NORS). This web-based tool has enhanced reporting and improved the accuracy of the system. Under-reporting, however, is well recognized due to the extensive process involved in actually identifying a drinking-water outbreak. Recognition of waterborne outbreaks is complicated by characteristics of delayed onset of illness (generally self-limiting disease) and difficulty in distinguishing water from other potential sources, such as food.

In order for an outbreak to be documented, there must be epidemiological evidence linking two or more cases to an identifiable drinking-water source. Etiological agents may be of microbial (bacteria, viruses, protozoan parasites) or chemical origin. Toxins produced by biological agents, such as cyanobacteria, are also reportable. Studies of the affected populations, along with definitive water test results linking human illness with a source by time and location, provides strong evidence for inclusion in the surveillance database. Depending on the strength of the evidence, the CDC and US EPA weigh the validity of the outbreak data and rank the investigation

By Kelly A. Reynolds, MSPH, PhD

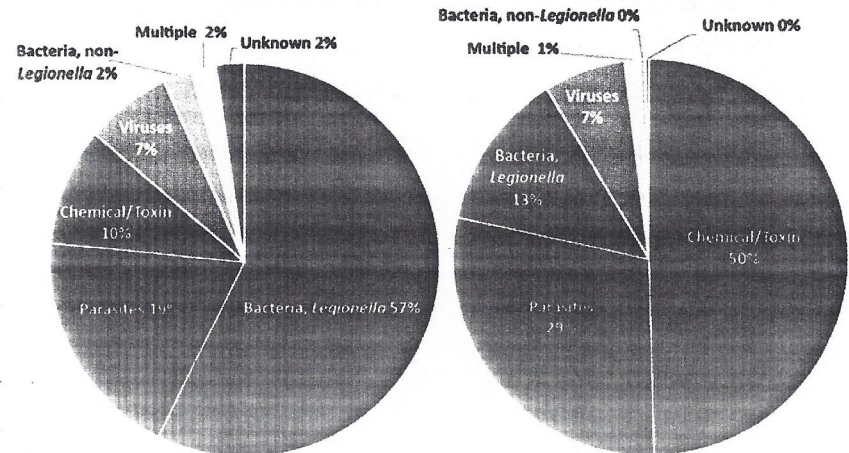
into four classes with Class I investigations providing the strongest evidence of proof implicating water as the outbreak source and transmission route.

Outbreak details

During the 2013-2014 survey period, a total of 42 outbreaks associated with drinking water were reported from 19 states, resulting in 1,006 cases of illness, 124 hospitalizations (12 percent of cases) and 13 deaths.² The majority of outbreaks (57 percent) and all of the deaths were due to *Legionella* followed by 19 percent from protozoan parasites (*Cryptosporidium* and *Giardia*). Chemicals (4-Methylcyclohexanemethanol; MCHM) from an industrial spill into a public water-system supply and toxin (cyanobacterial toxin) exposures were associated with the highest number of cases, resulting in 50 percent of all illnesses, compared to 13 percent from *Legionella* (see Figure 1).

During the 2011-2012 survey period,³ a total of 32 outbreaks

Figure 1. Etiology of drinking water outbreaks and outbreak related cases, 2013-2014. Source: Benedict et al., 2017
Outbreaks (N=42) Cases (N=1,006)



associated with drinking water were reported from 14 states, resulting in 431 cases of illness, 102 hospitalizations (24 percent of cases) and 14 deaths.² The majority of outbreaks (66 percent) were due to *Legionella* followed by non-*Legionella* bacteria (*E. coli* O157:H7, *Shigella sonnei* and *Pantoea agglomerans*) and viruses (noroviruses) combined making up 16 percent of the outbreaks. Noroviruses were associated with the highest number of cases,

Table 1. Waterborne disease outbreak trends, US, 2009-2014

Years	Number of outbreaks	Number of states	Number of cases	Number of hospitalizations	Number of deaths	Leading OB cause	Leading cases cause
2013-2014	42	19	1,006	124	13	<i>Legionella</i>	Chemical
2011-2012	32	14	431	102	14	<i>Legionella</i>	Norovirus
2009-2010	33	17	1,040	85	9	<i>Legionella</i>	<i>Campylobacter</i>

resulting in 32 percent of all illnesses, compared to 26 percent from *Legionella*.

During the 2009-2010 survey period, a total of 33 outbreaks associated with drinking water were reported from 17 states, resulting in 1,040 cases of illness, 85 hospitalizations (8.2 percent of cases) and nine deaths.² The majority (58 percent) of outbreaks were due to *Legionella*, followed by 12 percent from *Campylobacter*—both bacterial pathogens. *Campylobacter* was associated with the highest number of cases, resulting in 78 percent of all illnesses, compared to seven percent from *Legionella*. A comparison of the three most recent survey periods shows a consistent trend in *Legionella* as the leading cause of outbreaks and an increasing number of outbreaks in the most recently reported years (see Table 1).

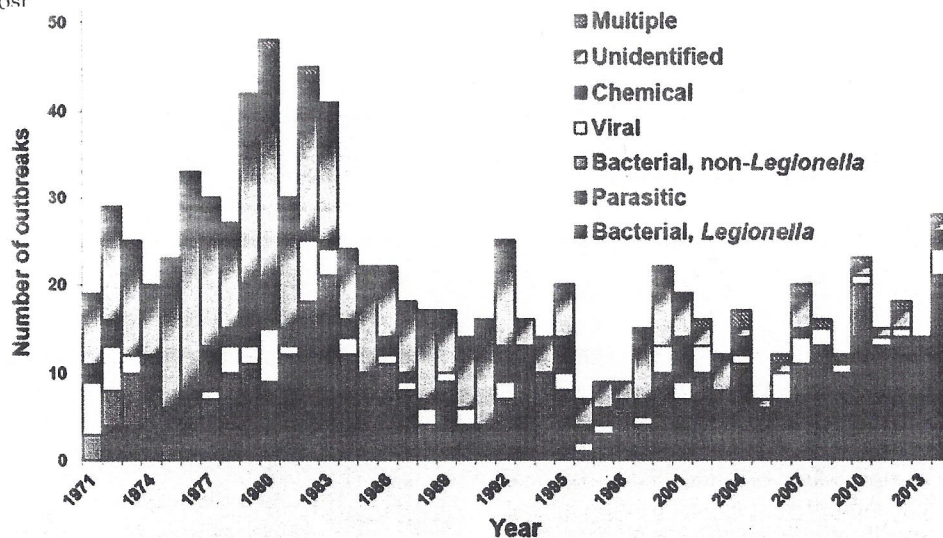
Quality control failures

The top five causes of drinking-water outbreaks are typically *Giardia*, *Legionella*, *Shigella*, norovirus and *Campylobacter*. Most are susceptible to the most basic of water treatment techniques (chlorination) and yet drinking-water outbreaks continue to increase. *Legionella* was added to the WBDOS in 2001 and has increased steadily in importance and recognition as a primary etiological agent of waterborne disease. The *Legionella* bacterium is difficult to control as it is naturally present in the environment and persists in drinking-water distribution systems and plumbing.

Seventy-one percent of the 2013-2014 outbreaks and 75 percent of the cases occurred in water supplied by community water systems subject to federal regulatory standards. Non-community water systems were also implicated in 12 percent of the outbreaks and 12 percent of the illness cases. Private, individual water supplies only accounted for seven percent of outbreaks but 12 percent of cases were mostly associated with *Cryptosporidium* contamination.

Groundwater and surface-water sources were both linked to 33 percent of the outbreaks and 16 percent and 79 percent

Figure 2. Etiology of drinking water associated outbreaks (n=928), by year, US, 1971-2014. Source: Benedict et al., 2017



Caware

Water Filter Solutions

Refreshingly Simple

Caware

of the cases, respectively. Commercially bottled water was also responsible for one viral outbreak resulting in two illness cases.

The primary deficiency in the protection of drinking water was from *Legionella* in the plumbing system, causing 55 percent of all outbreaks, followed by unknown or insufficient information (17 percent). The majority of cases, however, were due to treatment not expected to remove contaminants, where the chemical contaminant was unexpectedly involved—also followed by unknown or insufficient information (14 percent). Other causes include untreated groundwater, treatment deficiencies or problems with the distribution system or premise plumbing.

Conclusion

Despite a multitude of precautions, drinking-water outbreaks continue to occur in the US and at an increasing rate in

recent years (Figure 2). The primary cause of outbreaks, *Legionella*, generally contaminates premise plumbing, a point in the water supply outside the jurisdiction of the water municipal provider. Further, treatment trains are not designed to mitigate unexpected events, such as the MCHM spill. The recent survey summary of waterborne disease outbreaks in the US makes a strong case for the benefits and security of POU systems. Hundreds of illnesses and associated hospitalizations and deaths could be easily prevented with POU water treatment devices.

References

1. Benedict KM, Reses H, Vigar M, et al. "Surveillance for Waterborne Disease Outbreaks Associated with Drinking Water—United States, 2013–2014." *MMWR Morb Mortal Wkly Rep.* 2017;66(44):1216–1221. doi:10.15585/mmwr.mm6644a3.

2. CDC. "Surveillance for Waterborne Disease Outbreaks Associated with Drinking Water and Other Nonrecreational Water—United States, 2009–2010." *MMWR Morb Mortal Wkly Rep.* 2013;714–720. www.cdc.gov/mmwr/pdf/wk/mm6235.pdf. Accessed August 11, 2015.

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About the author

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Salinas Valley new wells moratorium delayed while work plan developed

By [Jim Johnson](#), *Monterey Herald*

POSTED: 12/12/17, 6:57 PM PST | UPDATED: 1 DAY AGO
[0 COMMENTS](#)

Salinas >> Monterey County supervisors will delay for at least three months considering adoption of a recommended moratorium on new wells in parts of the Salinas Valley groundwater basin where data shows seawater intrusion has been worsening.

On Tuesday, the Board of Supervisors agreed to hold off on adopting even a short-term, emergency moratorium to allow the Salinas Valley basin groundwater sustainability agency three months to come up with a plan in collaboration with county officials to address the seawater intrusion issue, possibly including a moratorium. The board also directed staff to return with an update within 45 days on progress toward a short-term solution in response to a county Water Resources Agency report showing seawater intrusion advancing again, this time into deeper aquifers, based on 2015 data.

The Salinas Valley Groundwater Sustainability Agency is set to consider at its Thursday meeting approving a 90-day work plan for addressing the issue for the short-term ahead of the agency's creation by Jan. 31, 2020 of a long-term groundwater sustainability plan as required under the state's Sustainable Groundwater Management Act.

After no one on the board would back Supervisor Jane Parker's bid to enact an emergency moratorium while preparing for a longer-term prohibition, the supervisors ended up unanimously agreeing to back the three-month delay, echoing a call from Salinas Valley agricultural interests to hold off on the moratorium until more information is gathered.

Supervisor Luis Alejo, who serves on the GSA board, said he preferred to "respect" ag interests and hear from the GSA membership before adopting any moratorium. "There's too much at stake," Alejo said.

Supervisors Simon Salinas and John Phillips agreed a more measured approach should be taken. Salinas noted the lesson from past Salinas Valley "water wars" is that stakeholders need to buy in. Salinas noted that some farming representatives had suggested seawater intrusion might be slowed or halted simply by destroying abandoned wells with the capacity to leak seawater contamination into deeper underground water supplies. And both expressed concern about the impact on ag operations if they weren't allowed to drill replacement wells under any new well moratorium.

Monterey County Farm Bureau executive director Norm Groot, Grower Shipper Association official Abby Taylor-Silva and Salinas Valley Water Coalition President Nancy Isakson all counseled caution. South County ag industry representative Bill Lipe argued that taking time to produce a “comprehensive” plan to address such a long-running issue makes sense.

County water agency senior hydrologist Howard Franklin said the Salinas Valley’s 400-foot aquifer is already no longer viable in certain areas due to seawater intrusion. A moratorium would be intended to avoid making the problem worse, he said, while also avoiding a rush of drilling into the Deep Aquifer below which he called a “finite resource” that doesn’t recharge like upper aquifers do.

Jim Johnson can be reached at 831-726-4348.

Report lays out options for Salinas Valley new wells moratorium

By [Jim Johnson](#), *Monterey Herald*

POSTED: 12/11/17, 6:13 PM PST | UPDATED: 2 DAYS AGO
[0 COMMENTS](#)

Salinas >> Three different entities have the authority to enact a moratorium on new wells in parts of the northern Salinas Valley to fight advancing seawater intrusion, according to a report to the Board of Supervisors.

The report to be considered by the supervisors during a special 1:30 p.m. joint meeting with the Monterey County Water Resources Agency board on Tuesday indicates the county, the water agency and the Salinas Valley Groundwater Sustainability Agency each has the power to adopt an ordinance prohibiting new wells in the Salinas Valley basin's 400-foot aquifer and Deep Aquifer under different legal authorities.

The board ordered the report Nov. 14 on the heels of a water agency special report outlining migration of seawater intrusion based 2015 groundwater data into the 400-foot aquifer, and the potential threat to even deeper underground water supplies. It came in response to a formal referral submitted by Supervisor Jane Parker calling for the county to consider initiating short and long-term actions to "address the increasing threat of seawater intrusion in the Salinas River Basin."

The water agency's special report made six recommendations aimed at slowing or halting seawater intrusion, including an immediate moratorium on new wells in the threatened areas with certain exceptions.

According to the report, the supervisors would need to adopt an ordinance by a four-fifths vote through either the county or the water agency but could only offer a recommendation to the groundwater sustainability agency board. In turn, the board would need to adopt any such ordinance by a "super-majority vote plus" including eight directors and three of the four directors representing agricultural interests.

The report indicated the county has the land use authority to adopt an interim urgency ordinance prohibiting new wells in a "defined area of impact and/or at a defined depth, pending study of development of county regulations" for the longer term. Such an interim ordinance could be adopted for an initial 45-day period and could be extended up to two years while a long-term ordinance is developed.

The water agency could use its authority to prohibit further extraction of groundwater from a specified area if the supervisors, sitting as the agency's governing body, find that a portion of a groundwater basin is threatened with the

loss of a usable water supply using specific evidence, and if a substitute water supply is made available, according to the report.

And the Salinas Valley Groundwater Sustainability Agency has the power to regulate, by limiting or prohibiting, groundwater extractions under the State Groundwater Management Act if it can be demonstrated there is an “insufficient yield” to support various land uses under the general plans of the county, and the cities of Salinas and Marina.

The remaining questions would appear to be the parameters of such a moratorium, and whether there’s political will to adopt such a moratorium given the importance of the Salinas Valley basin water supply for the ag industry.

Meanwhile, the board is also poised to consider a \$510,000 expansion of a Salinas Valley groundwater basin investigation with the U.S. Geological Survey under its consent agenda on Tuesday.

Tuesday afternoon’s joint meeting is part of an extended year-end agenda for the county supervisors that extends over three days into Wednesday and Thursday.

On the board’s agenda for Tuesday: a 2016-17 year-end budget report, and budget shifts involving the county Free Libraries system and Department of Social Services for this fiscal year with the latter seeking to tap cannabis tax revenues; a garbage contract extension; a Del Monte Forest amendment related to development standards in Monterey cypress habitat; a new multi-year contract with California Forensic Medical Group to provide County Jail inmate health services expanded under a lawsuit settlement, and a revised county response to a 2016-17 Civil Grand Jury report entitled, “Jail Crisis: Our De Facto Mental Health Facility”; a report on replacing broken Elkhorn Slough tidal gates; and a proposed five-year agreement with the Wildflower Triathlon at Lake San Antonio, among a myriad of other items.

Meanwhile, the board is also scheduled to meet on Wednesday and Thursday when they will conduct closed session performance evaluations of the Equal Opportunity Officer Juan P. Rodriguez, Public Defender Susan Chapman, Water Resources Agency general manager David Chardavoyne, County Counsel Charles McKee, and County Administrative Officer Lew Bauman, among other items.

Jim Johnson can be reached at 831-726-4348.

VIEWPOINTS

The PPIC Blog



How California's Water Bond Is Being Spent

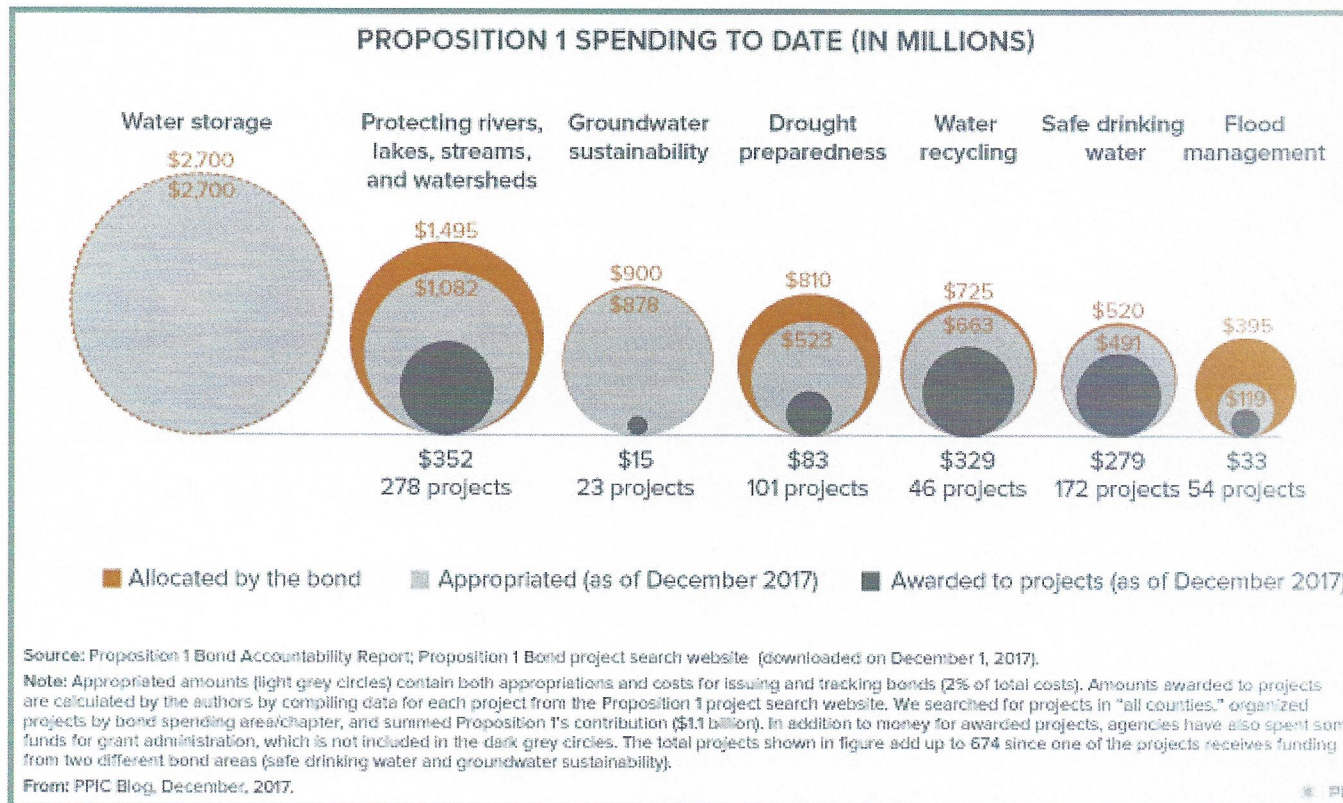
JELENA JEZDIMIROVIC, ELLEN HANAK DECEMBER 13, 2017

California has many unmet needs in its water system—most notably in the areas of flood protection, safe drinking water, stormwater treatment, and ecosystem support. While dedicated funding over the long term has been hard to come by, water bonds have helped fill some gaps in these areas. Looking at how the 2014 water bond is being spent can give us some insights into how bonds are turned into projects on the ground. This is particularly important as three new bond proposals are floated for 2018.

The state's 2014 bond, Proposition 1, provides \$7.5 billion in funding. The money is broken into seven funding categories. The bond language preauthorized \$2.7 billion for water storage projects. For the other six areas, spending must be appropriated in the state budget. Once the funds are appropriated in the budget, the state agencies distribute them to selected projects.

With the 2017–18 budget, the legislature has now appropriated more than 86% of Proposition 1 funds. The largest new appropriation is more than \$200 million for “Integrated Regional Water Management,” a grant program for collaborative regional projects to address complex water management challenges. In addition, more than \$111

million was appropriated for flood management, reflecting statewide concerns about dam and levee infrastructure after the Oroville dam incident.



Of the Proposition 1 money appropriated, approximately \$1.1 billion has been awarded for spending. That is roughly a billion dollars since June 2016. The number of projects has spiked since then as well, from 117 to 673. Even with this large increase in spending, only 14% of the bond has been awarded so far. This pace of water bond spending—about \$785 million per year—is on par with patterns observed since the early 2000s. Ecosystems in decline and disadvantaged communities that lack access to safe drinking water—problems made worse by the latest drought—lead the way in number of projects awarded, with 278 and 172 grants, respectively. Fifty-four grants have been awarded for the maintenance of Delta levees. Another 101 grants will foster regional drought preparedness. And 46 grants will be used for urban wastewater recycling projects. The largest pot of money—\$2.7 billion for water storage—is expected to be awarded in June 2018. In total, 12 projects—seven for surface water storage and five for projects that focus on storing more water underground—are competing for some portion of the money. The California Water Commission is now reviewing proposals. The winning bids will only receive funding for “public benefits” resulting from the new storage. At least half of these benefits must be for improving ecosystem conditions. Other qualifying benefits include flood protection, recreation, emergency water supplies, and water quality improvements.

About \$900 million is allocated for groundwater sustainability—an area in which there is a growing need for funding to implement the 2014 Sustainable Groundwater Management Act. Of this total, \$100 million is allocated to help the **more than 250 newly formed** Groundwater Sustainability Agencies (GSAs) develop their plans. The Department of Water Resources is now receiving proposals for these grants. Looking beyond Proposition 1, three other water bonds have been proposed for the ballot in 2018. The \$4 billion California Parks, Environment, and Water Bond was approved by the legislature, signed by the governor in September, and will appear on the June 2018 ballot. This bond would distribute a third of its revenue to park improvements, and the rest to environmental restoration and water and flood infrastructure. Specific areas include Salton Sea restoration, ecosystem improvements in the Sacramento and San Joaquin River watersheds, groundwater recharge, and safe drinking water.

Two other bonds—which would be put on the November 2018 ballot through the initiative process—are **still under consideration**. A bond proposal from Gerald Meral, a former **state** water official, would **authorize \$8.9 billion** for various water supply and water quality projects, including water infrastructure improvements, safe drinking water projects, habitat protection, groundwater replenishment, and dam repairs. And a \$7.99 billion bond proposed by environmental lawyer Joseph Caves would award half of its funds to drinking water safety improvements, and the rest to ecosystem restoration, and state and local park projects.

Clearly, bonds are an important source of one-time funding for some of the problems dogging the state's water system. But state bonds only make up about 2% of total annual spending in California's water sector. California must look beyond bonds to fill persistent funding gaps.

LEARN MORE

Read our June 2016 blog post, “How is California Spending the Water Bond?”

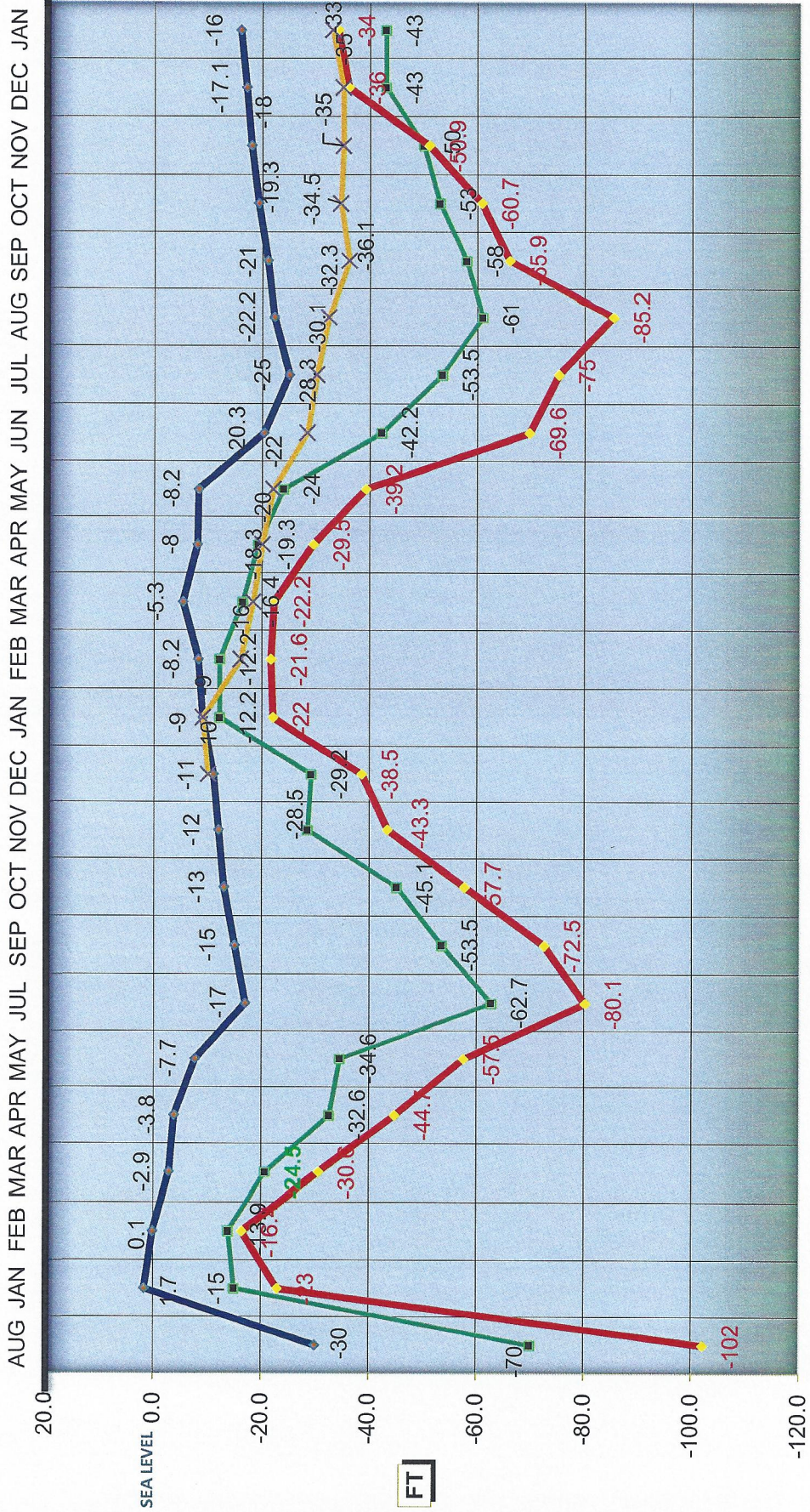
Read *California's Water: Paying for Water* (from *California's Water* briefing kit)

TOPICS: PPIC WATER POLICY CENTER

TAGS: DROUGHT, ECOSYSTEMS, WATER SUPPLY

BACK TO BLOG HOME

CASTROVILLE WELL LEVELS 2015-2017





CASTROVILLE COMMUNITY SERVICES DISTRICT

GENERAL MANAGER'S REPORT

JANUARY 16, 2018

❖ Regulatory Compliance

- ❑ Last SWRCB-DDW inspection of water system and permit July 2017
- ❑ No coliform violations (all routine samples negative) for December 2017
- ❑ Quarterly sampling of Well #3 due to it exceeding secondary standards
- ❑ Submitted water quality reports to 9 large Water system customers
- ❑ Regulatory documentation for CCSD sewer jetting activities
- ❑ Submitted No-spill report to State documenting Castroville, Moro Cojo and Moss Landing systems had no sewer spills for December 2017
- ❑ Regulatory documentation for MLCSD sewer jetting activities
- ❑ Regulatory documentation for CCSD sewer jetting activities
- ❑ Received Well #5 permit to adjust Ph with sulfuric acid instead of Co2

❖ Current Projects

- ❑ Convert Well #5 Arsenic treatment from Co2 to Acid for Ph adjustment
- ❑ Enforcement of Sub-Metering Ordinance
- ❑ Design and find funding for Desal pipeline to MPWSP
- ❑ Prepare grant proposal for Castroville sewer for 2.9 million dollars
- ❑ Prepare grant proposal for Castroville water for 4.0 million dollars
- ❑ Collaborate on Hydraulic study of Castroville water system with Cal Am to facilitate tie-in with Desal line
- ❑ Moss Landing Operations, see report in Board packet
- ❑ Moro Cojo Operations, see report in Board packet
- ❑ Castroville Operations, see report in Board packet
- ❑ Replace damaged antenna on District roof
- ❑ Investigate multiple projects in Castroville done w/o review or permitting
- ❑ Sewer cleaning, repair, video and maintenance program for CCSD

❖ **Completed Projects**

- ❑ Completed Illness, Injury, Prevention, Program (IIPP) to comply with SDRMA and Cal-OSHA requirements
- ❑ Stopped leak @ 11041 Merritt St
- ❑ Tested Rohr wineries water, fire and sewer lines
- ❑ Submitted application for Moss Landing Prop 1 grant for \$3,000,000
- ❑ Grease trap inspections 100% completed
- ❑ Replaced approximately 27meter registers in December
- ❑ Painted or removed graffiti from approx. 30 sites in Castroville

❖ **Upcoming Projects**

- ❑ Consideration of proposed 90 SFR and 120 MFR at intersection of Castroville Blvd and Hwy 156
- ❑ Pig Force main under Elkhorn bridge on Hwy one
- ❑ Upgrade SCADA system with new radio's and computers
- ❑ Accent Street Sweeping- next sweep in November 2017
- ❑ RCAC to assist in applying for Prop 1 funding for T/A study for future water systems improvements such as a new 600,000-gallon storage tank, hydraulic study and ability to fill tank 4 from distribution system
- ❑ Meet with NMR&PD Committee re: tax measure for NCR&PD
- ❑ Upgrade Moss Landing Lift station Motor control centers
- ❑ Design Washington Sewer Bypass line

❖ **Meetings/Seminars (attended)**

- ❑ Meeting of the permanent Board of the SVGWB GSA -Ron
- ❑ Monthly staff safety meeting
- ❑ Met with County Staff to discuss Moss Landing Sewer Allocation Plan and possible litigation from MLHD
- ❑ Met with Cal Am officials to discuss Desal pipeline
- ❑ Met with MCWD GM to discuss mutual issues
- ❑ Met with Interveners group to represent CCSD issues- Ron & Eric
- ❑ Attended SVGWGSA Ron & Eric
- ❑ Attended BoS meeting on possible Well Moratorium in North County
- ❑ CalAm meet and Greet in Carmel
- ❑ MPWSP Interveners discussion-Ron, Lloyd and Eric
- ❑ Attended IRWVG TAC meeting in Moss Landing
- ❑ Attended town hall meeting w/ Sherriff Bernal re: recent crimes
- ❑ Monterey One Water Board meeting – Ron
- ❑ Met with CHP to initiate DOT and CA registration issues
- ❑ Multiple on-site inspections and review of bike path project
- ❑ Met with City of Watsonville Op selection Committee- Roberto

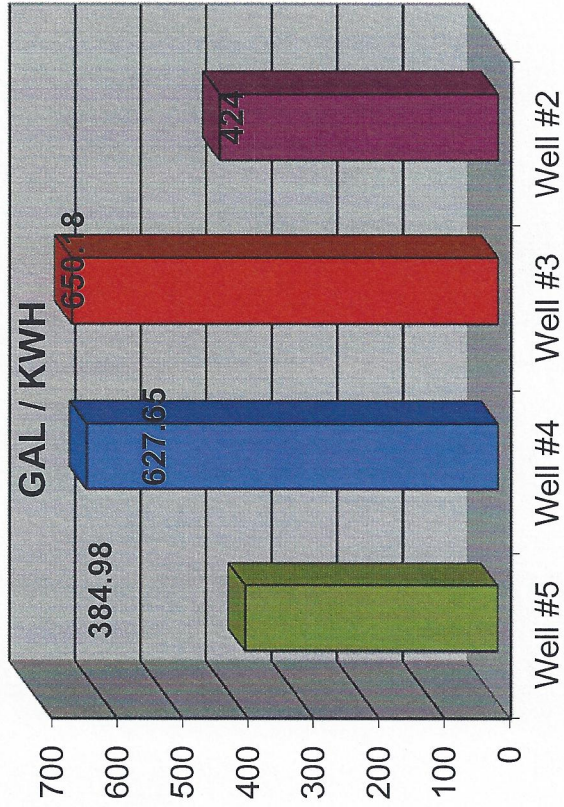
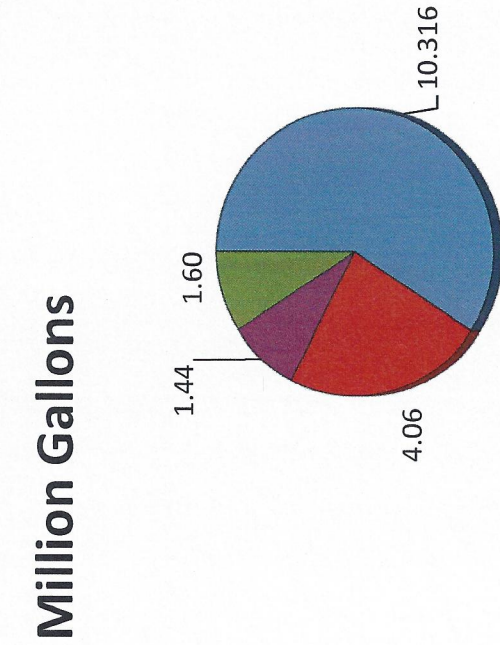
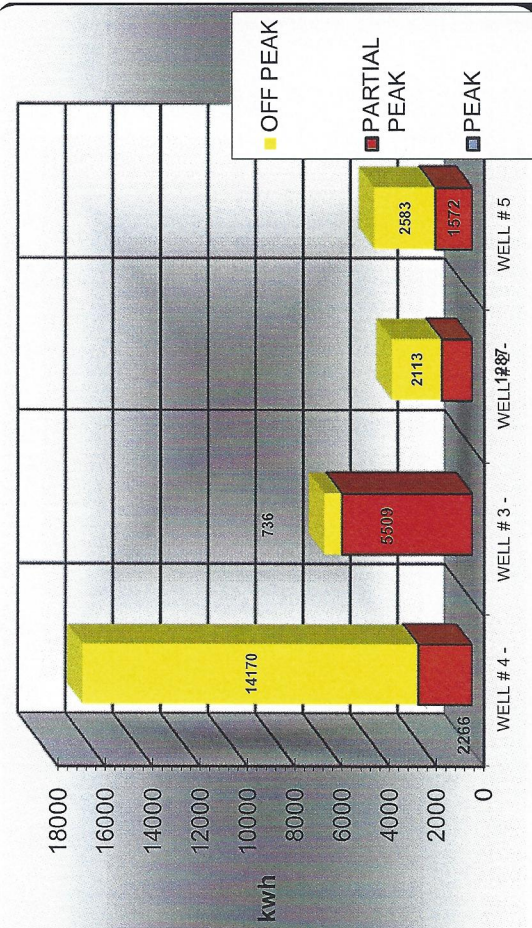
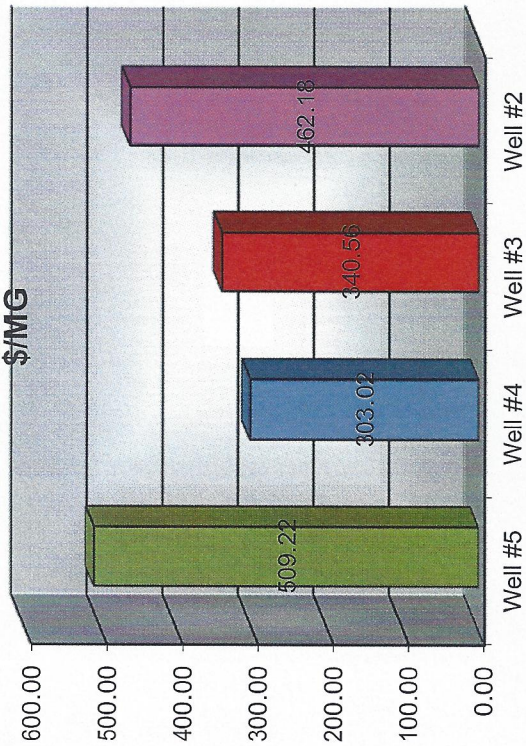
❖ **Meetings/Seminars (upcoming)**

- ❑ Redevelopment Oversight Committee- Ron
- ❑ MPWSP Intervenors discussion
- ❑ Moss Landing Community Plan update
- ❑ SVGWB GSA Board meetings Ron
- ❑ Neighborhood Watch
- ❑ Multiple on-site inspections and review of bike path project
- ❑ Monterey County Sherriff's Citizens Advisory Group-Adriana & Eric
- ❑ NMR&PD Ballot Committee re: tax measure for NCR&PD
- ❑ Quarterly Special District Managers meeting
- ❑ Quarterly Water Managers meeting
- ❑ Meeting with Moss Landing Chamber
- ❑ Monterey one Water Board meetings – Ron & James

❖ **Improvements/Ideas/Suggestions**

- ❑ Consider installing backup generator for Office
- ❑ Paint water valve covers, Red for Hydrants, Blue for water
- ❑ Select areas for Saddle main valves and lateral replacement program

December-17





CASTROVILLE COMMUNITY SERVICES DISTRICT

OPERATIONS REPORT

Emergency calls for the month of December 2017: 1

12/01 Sewer backup on Preston st. and Davis st.

Maintenance:

- a) Storm drains were cleaned (40 lbs).
- b) Graffiti on walls, fences, traffic signs etc. were covered or removed.
- c) Continue to exercise valves in the distribution system.
- d) Continue to flush the fire hydrants.
- e) Run the stand-by engines at the water plant sites bi-weekly.
- f) Run the stand-by engines at the sewer lift station weekly.
- g) Cosmetic site/station maintenance.
- h) Jetted sewer mains.

Work Orders:

- a) 48 Hour notices - 53
- b) Final bill – read meter – 13
- c) Investigate - 4
- d) Miscellaneous - 2
- e) Install / Change Meter - 19
- f) Padlock Service, no tenant - 2
- g) Reconnection – 1
- h) Shut off – 1
- i) Replace meter box lid - 1

WORK ORDERS - 96

Fire line – Install/Change meter - 2

TOTAL WORK ORDERS - 98



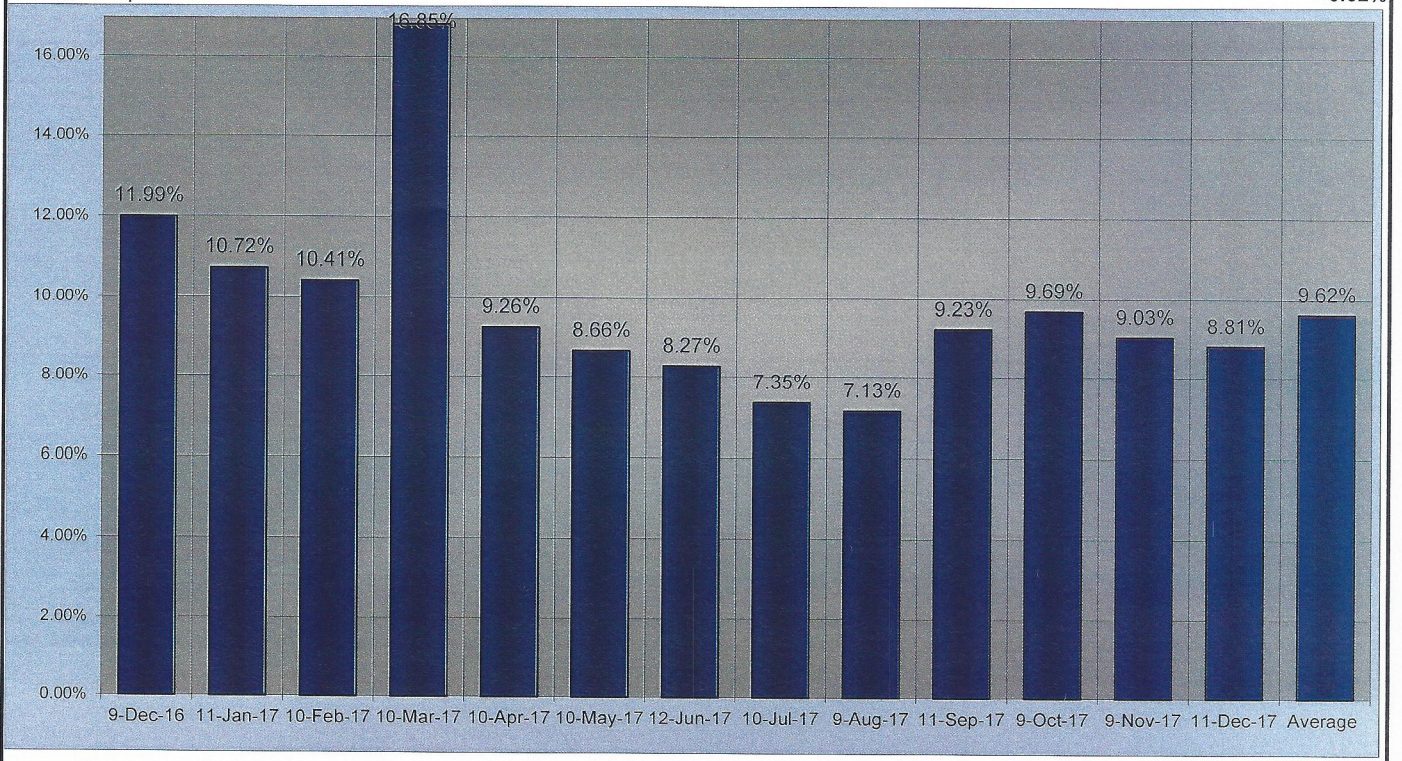
Castroville Community Services District



Percent Water Loss

Monthly & Yearly

Month	Well #5 Gal.	Site 2 Well Gal.	Site 3 Well Gal.	Site 4 Well Gal.	Totals		miscellaneous	Unaccounted Water %
					Water Pumped	Water Sold		
9-Dec-16	1094936	1490000	3679000	10337000	16600936	14439227	Hydrant meters 96342, Jetting & Flushing 7k, Leaks 60k, FD 4k, R.O. & Softner 4K	11.99%
11-Jan-17	2399417	2239000	3502000	7617000	15757417	13959236	Hydrant meters 48030, Jetting & Flushing 13k, Leaks 50k, FD 4k, R.O. & Softner 4K	10.72%
10-Feb-17	3704112	4502000	3233000	3290000	14729112	13030437	Hydrant meters 141570, Jetting & Flushing 16k, Leaks 10k, FD 4k, R.O. & Softner 4K	10.41%
10-Mar-17	2844962	3631000	2632000	6836000	15943962	12234580	Hydrant meters 274252, Jetting & Flushing 700k, Leaks 30k, FD 4k, R.O. & Softner 4K	16.85%
10-Apr-17	2711139	3936000	0	10427000	17074139	15118127	Hydrant meters 321603, Jetting & Flushing 6k, Leaks 30k, FD 4k, R.O. & Softner 4K	9.26%
10-May-17	2310817	1911000	4834000	10899000	19954817	17888487	Hydrant meters 317841, Jetting & Flushing 8k, Leaks 10k, FD 4k, R.O. & Softner 4K	8.66%
12-Jun-17	2229068	2322000	5982000	13977000	24510068	22161115	Hydrant meters 292487, Jetting & Flushing 12k, Leaks 8k, FD 4k, R.O. & Softner 4K	8.27%
10-Jul-17	2365287	2126000	5430000	12660000	22581287	20323803	Hydrant meters 582767, Jetting & Flushing 8k, Leaks 0k, FD 4k, R.O. & Softner 4K	7.35%
9-Aug-17	3863163	4164000	6125000	11190000	25342163	23020283	Hydrant meters 497120, Jetting & Flushing 9k, Leaks 0k, FD 4k, R.O. & Softner 4K	7.13%
11-Sep-17	4800661	6240000	6258000	10544000	27842661	24851522	Hydrant meters 399432, Jetting & Flushing 15k, Leaks 0k, FD 4k, R.O. & Softner 4K	9.23%
9-Oct-17	2511413	2986000	5687000	11985000	23169413	20647717	Hydrant meters 214130, Jetting 8k, Flushing 12k, Leaks 35k, FD 4k, R.O. & Softner 4K	9.69%
9-Nov-17	2801362	2514000	5918000	12446000	23679362	21305284	Hydrant meters 98512 Jetting 10k, Flushing 4k, Leaks 110k, FD 4k, R.O. & Softner 4K	9.03%
11-Dec-17	1921930	1733000	4429000	11622000	19705930	17674686	Hydrant meters 116464 Jetting 10k, Flushing 4k, Leaks 150k, FD 4k, R.O. & Softner 4K	8.81%
Average								9.62%



CASTROVILLE COMMUNITY SERVICES DISTRICT



CASTROVILLE - ZONE 1 MONTHLY O&M REPORT DECEMBER 2017

❖ LIFT STATION Del Monte

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ LIFT STATION Via Linda

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ **LIFT STATION Sea Garden**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ **JETTING ACTIVITIES**

- ❑ Total jetted approx. 4500 feet

❖ **OTHER MATTERS**

- ❑ Responded to 12 Underground Alert marking requests
- ❑ Reported "No Spill" to SWRCB on 12/1/2017
- ❑ Replaced defective VFD in September
- ❑ Need to clean & inspect Storm drains
- ❑ Street sweeper came through on September 18-19

❖ **Improvements/CIP/Suggestions**

- ❑ Confirm that storm drain interceptors are clear and detention ponds are clean & fence secured



Castroville
DECEMBER 2017 JETTING

January 9, 2018



CASTROVILLE COMMUNITY SERVICES DISTRICT



MORO COJO - ZONE 2 MONTHLY O&M REPORT DECEMBER 2017

❖ LIFT STATION @ CASTROVILLE BLVD

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ LIFT STATION @ COMPO DE CASA

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ JETTING ACTIVITIES

- ❑ Jetted sewer lines btwn MH #73 to-MH #73.1
- ❑ Jetted sewer lines btwn MH #72 to-MH #72.1
- ❑ Jetted sewer lines btwn MH #72 to-MH #73

- ❑ Total jetted approx. 9015 feet

❖ **OTHER MATTERS**

- ❑ Responded to 3 Underground Alert marking requests
- ❑ Rerouted sewer force main in preparation for new pedestrian overpass
- ❑ SWRCB-Reported "no-spill" 12/1/2017
- ❑ Performed inspection of all storm drains in September 2017
- ❑ Completed mowing of open space field area mowing in September 2017

❖ **Improvements/CIP/Suggestions**

- ❑ Confirm that storm drain interceptors are clear and detention ponds are clean & fence secured



MORO COJO

DECEMBER 2017 JETTING

1/9/2018



ID	Type	Activity	When Ended	Who	Why	Downstream Manhole ID	Upstream Manhole ID	Feet Jetted	
Viva Ln	8" PVC	Jetted	12/5/2017	JV/AT	Routine	MH 73	CO 73.1	340.00 ft	
Cortez Ln	PSM	Jetted	12/5/2017	JV/AT	Maintenance Routine	MH 72	CO 72.1	135.00 ft	
Viva Ln/2	8" PVC	Jetted	12/5/2017	JV/AT	Maintenance Routine	MH 72	MH 73	440.00 ft	
Total Events								Feet Jetted	915

CASTROVILLE COMMUNITY SERVICES DISTRICT



MOSS LANDING (ZONE 3) MONTHLY O&M REPORT DECEMBER 2017

❖ LIFT STATION # 1 (Struve Rd)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ LIFT STATION #2 (Hwy 1 @ Pottery barn)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ **LIFT STATION #3 (in front of Phil's fish market)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ **LIFT STATION #4 (Potrero Rd)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/7/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/14/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/21/2017
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 12/28/2017

❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #23 to-MH #23.1
- ❑ Jetted sewer lines btwn MH #25 to-MH#26
- ❑ Jetted sewer lines btwn MH #23.1 to-MH 24
- ❑ Jetted sewer lines btwn MH #24 to-MH#25
- ❑ Jetted sewer lines btwn MH #22 to-MH#23
- ❑ Jetted sewer lines btwn MH #23 to-MH#40

- ❑ Total jetted approx. 1250 feet

❖ **OTHER MATTERS**

- ❑ Responded to 6 Underground Alert marking requests
- ❑ Filed complaint with County re: illegal cross connection
- ❑ Working on grant application for \$2.5 Million for upgrades, replacements and repair of sewer system
- ❑ Performing Bi-annual inspection of grease traps @ various facilities in March and November-behind schedule
- ❑ Emailed notice of "no spill" to CIWQS 12-1-2017
- ❑ Completed Akel Study to facilitate funding for infrastructure replacement

❖ **Improvements/CIP/Suggestions**

- ❑ Need to recoat or replace 12-15 manholes that internal walls are failing
- ❑ Consider options for Elkhorn Bridge Force Main replacement



Moss Landing DECEMBER 2017 JETTING

1/9/2018



ID	Type	Activity	When Ended	Who	Why	Downstream Manhole ID	Upstream Manhole ID	Feet Jetted	
MH23.1>MH23	PSM	Jetted	12/5/2017	JV/AT	Routine	MH23 ML	MH23.1 ML	190.00 ft	
MH26>MH25	SDR35 8"	Jetted	12/5/2017	JV/AT	Routine	MH25 ML	MH26 ML	261.00 ft	
MH24>MH23	PSM	Jetted	12/5/2017	JV/AT	Routine	MH23.1 ML	MH24 ML	132.00 ft	
MH25>MH24	PSM	Jetted	12/5/2017	JV/AT	Routine	MH24 ML	MH25 ML	135.00 ft	
MH23>MH22	PSM	Jetted	12/5/2017	JV/AT	Routine	MH22 ML	MH23 ML	266.00 ft	
MH40>MH23	PSM	Jetted	12/5/2017	JV/AT	Routine	MH23 ML	MH40 ML	266.00 ft	
	SDR35 8"				Maintenance				
Total Events								Feet Jetted	1250

Accounts Receivable Summary

From 12/01/2017 Through 12/31/2017

OPEN BALANCE			Balance
	66,165.19		66,165.19
MONTHLY-Charge	Minimum	Overage	Usage
WATER	35,837.86	37,954.67	2,357,425.00
FIRELINE	5,184.59	3.20	197.00
SURCHARGE	9,219.99	0.00	0.00
WATER CMPND	0.00	85.40	5,304.00
***Total Charge	50,242.44	38,043.27	2,362,926.00
			85.40
			88,285.71

MONTHLY-Miscellaneous			
WATER	710.00		
***Total Miscellaneous	710.00		155,160.90

MONTHLY-Payment			
WATER	-79,005.74		
WATER Miscellaneous	-792.82		
FIRELINE	-6,230.34		
SURCHARGE	-10,319.78		
WATER CMPND	-212.53		
***Total Payments	-96,561.21		76,155.16
			75,362.34
			69,132.00
			58,812.22
			58,599.69

MONTHLY-Deposit Applied			
WATER	-370.00		
FIRELINE	-50.00		
***Total Deposit Applied	-420.00		58,229.69
			58,179.69

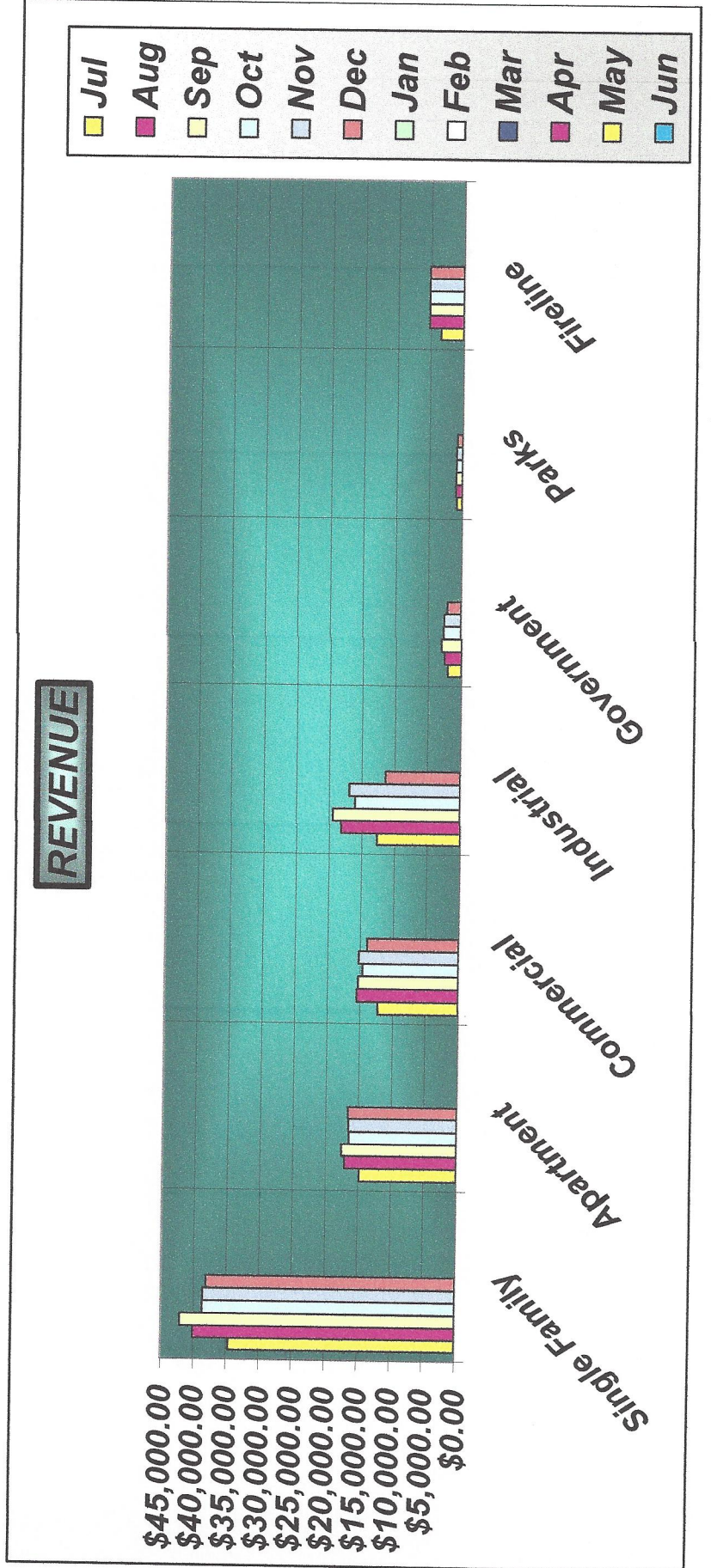
MONTHLY-Refund			
WATER	121.10		
***Total Refund	121.10		58,300.79

Closing Balance 58,300.79

43

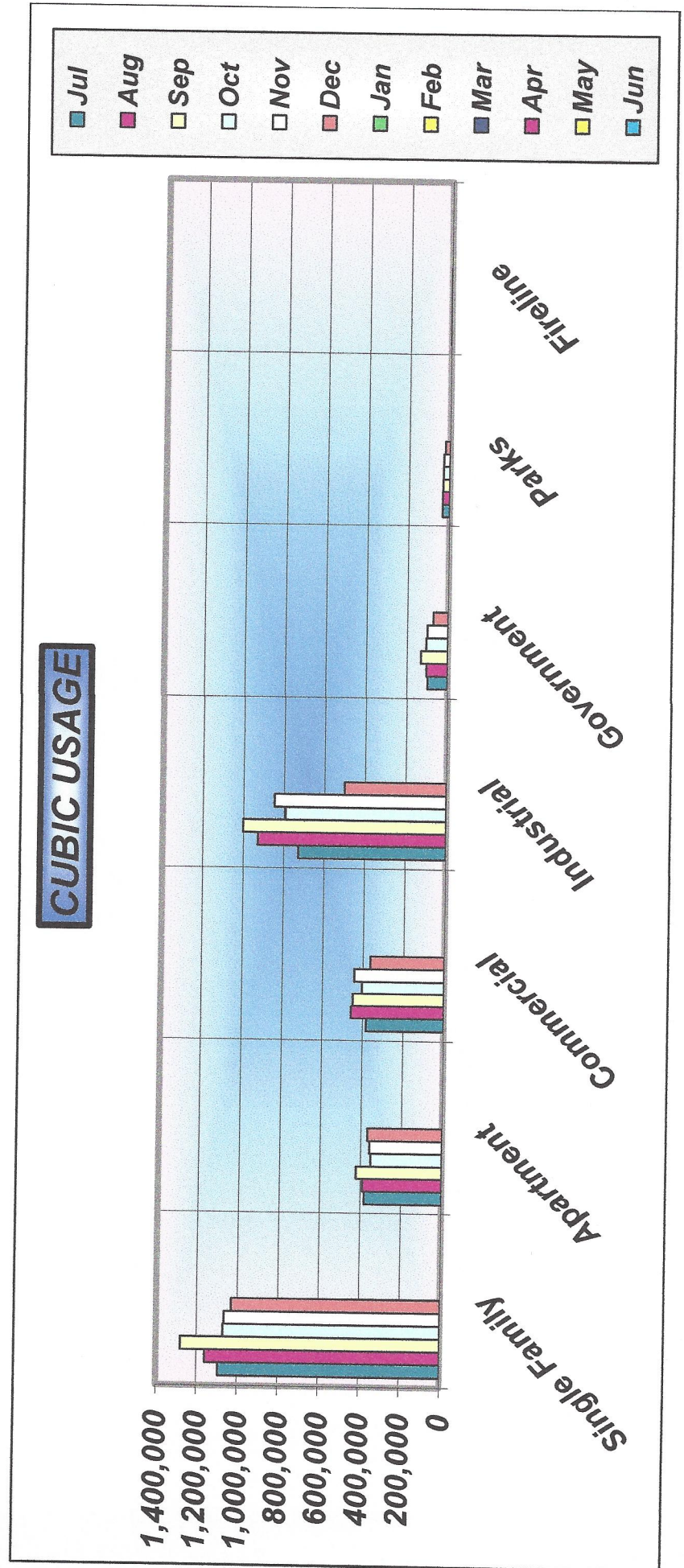
Annual Water Revenue By Classification 2017-2018

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	\$34,699.90	\$14,901.60	\$12,315.60	\$12,755.61	\$2,113.03	\$828.79	\$3,499.75	\$81,114.28
Aug	\$40,122.50	\$17,111.23	\$15,507.80	\$18,239.62	\$2,633.81	\$980.81	\$5,218.32	\$99,814.09
Sep	\$42,118.69	\$17,608.56	\$15,368.08	\$19,422.70	\$3,077.47	\$966.60	\$5,218.41	\$103,780.51
Oct	\$38,696.56	\$16,469.57	\$14,690.37	\$16,070.34	\$2,654.57	\$934.03	\$5,218.52	\$94,733.96
Nov	\$38,634.24	\$16,581.88	\$15,277.53	\$16,943.86	\$2,581.40	\$923.05	\$5,218.68	\$96,160.64
Dec	\$38,105.44	\$16,672.23	\$13,980.91	\$11,419.73	\$2,115.47	\$804.14	\$5,187.79	\$88,285.71
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Totals	\$232,377.33	\$99,345.07	\$87,140.29	\$94,851.86	\$15,175.75	\$5,437.42	\$29,561.47	\$563,889.19



Annual Water Usage By Classification 2017-2018

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	1,093,359	381,691	382,629	726,920	97,378	35,043	66	2,717,086
Aug	1,160,123	391,310	458,216	928,804	104,838	34,225	62	3,077,578
Sep	1,280,683	423,705	449,917	1,002,287	132,393	33,342	69	3,322,396
Oct	1,070,721	351,856	405,810	794,064	106,545	31,319	75	2,760,390
Nov	1,065,231	359,174	443,268	848,322	101,583	30,637	85	2,848,300
Dec	1,029,534	369,343	365,460	502,500	72,641	23,251	197	2,362,926
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Totals	6,699,651	2,277,079	2,505,300	4,802,897	615,378	187,817	554	17,088,676





**JOHN CHIANG
TREASURER
STATE OF CALIFORNIA**



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
11/27/17	1.18	1.16	180
11/28/17	1.18	1.16	183
11/29/17	1.18	1.16	182
11/30/17	1.19	1.16	180
12/01/17	1.19	1.16	190
12/02/17	1.19	1.16	190
12/03/17	1.19	1.16	190
12/04/17	1.19	1.16	192
12/05/17	1.20	1.16	190
12/06/17	1.20	1.16	189
12/07/17	1.21	1.16	188
12/08/17	1.21	1.16	191
12/09/17	1.21	1.16	191
12/10/17	1.21	1.16	191
12/11/17	1.21	1.16	189
12/12/17	1.22	1.16	191
12/13/17	1.22	1.16	190
12/14/17	1.23	1.17	188
12/15/17	1.23	1.17	188
12/16/17	1.23	1.17	188
12/17/17	1.23	1.17	188
12/18/17	1.23	1.17	184
12/19/17	1.24	1.17	182
12/20/17	1.25	1.17	184
12/21/17	1.26	1.17	185
12/22/17	1.26	1.17	191
12/23/17	1.26	1.17	191
12/24/17	1.26	1.18	191
12/25/17	1.26	1.18	191
12/26/17	1.28	1.18	186
12/27/17	1.28	1.18	183

*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

LAIF Performance Report

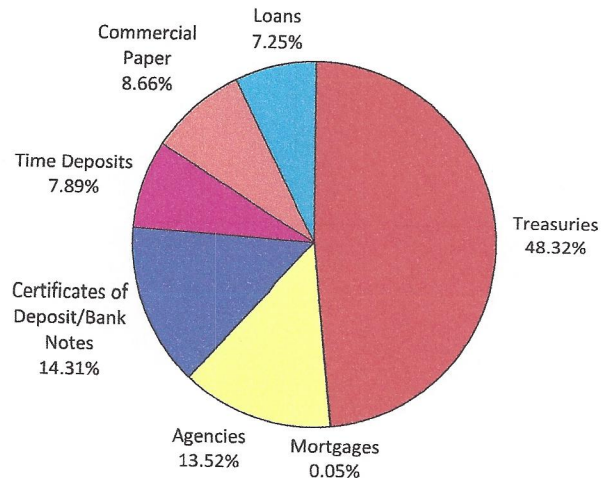
Quarter Ending 09/30/17

Apportionment Rate: 1.07%
 Earnings Ratio: .00002942867511750
 Fair Value Factor: .999042071
 Daily: 1.11%
 Quarter to Date: 1.08%
 Average Life: 190

PMIA Average Monthly Effective Yields

Nov 2017 1.172
 Oct 2017 1.143
 Sept 2017 1.111

**Pooled Money Investment Account
Portfolio Composition
11/30/17
\$68.5 billion**



Based on data available as of 1/3/2018

**CASTROVILLE COMMUNITY SERVICES DISTRICT
INTERNAL REPORT**

Receipts, Disbursements, and Bank Balances as of December 29, 2017

Ending balance as of November 30, 2017 \$10,611,349.55

RABOBANK, GENERAL FUND - Revenue and Expenses

Beginning Balance	177,530.33
Water Receipts	97,134.39
Water-Sewer Miscellaneous Receipts	2,423.71
User Fees & Property Taxes	481,565.71
Interest Earned	5.64
Expenses (Checks Written)	(79,065.80)
Misc. Over-Short	(0.02)
Outgoing Wire to LAIF 12-29-2017	(475,000.00)
Bank Fees	(30.00)
Credit Card Fees	(145.34)
Ending Balance for General Fund	<u>204,418.62</u>

RABOBANK, CUSTOMER DEPOSIT FUND

Beginning Balance	63,665.90
New Deposits (opened accounts)	600.00
Interest Earned	1.03
Deposits Returned or Applied to Accounts	(1,220.00)
Ending Balance for Customer Deposit Fund	<u>63,046.93</u>

LAIF FUND

Beginning Balance	7,695,398.00
Incoming Wire from Rabobank 12-29-2017	475,000.00
Ending Balance for LAIF	<u>8,170,398.00</u>

CAMP FUND

Beginning Balance Sewer (Zone 1) Capital Improv Account	114,515.48
Monthly Interest Earned	125.61
Ending Balance Camp Federal Security Account	<u>114,641.09</u>
Beginning Balance Sewer (Zone 1) Reserves Account	226,550.75
Monthly Interest Earned	248.49
Ending Balance CAMP Federal Security Account	<u>226,799.24</u>

Cal TRUST-INVESTMENT

Beginning Balance Sewer (Zone 1) Medium-Term Account	2,333,689.09
Income Distribution	2,973.27
Unrealized GAIN (Loss)	(2,336.02)
Ending Balance Cal TRUST	<u>2,334,326.34</u>

New Balance as of December 29, 2017	11,113,630.22
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Castroville Community Services District

List of Checks for December 2017

Date	Number	Name	Memo	Amount
General Fund Checking				
12/7/2017	24592	Alexander Torres-Exp	Cellular Phone Reimbursement	\$ 40.00
12/7/2017	24593	Aramark Uniform Services	Operators Uniforms & Mats	\$ 211.61
12/7/2017	24594	AT&T	Monthly Telephone Services	\$ 276.78
12/7/2017	24595	California Water Service Co.	Water Meters for Lift Stations	\$ 85.26
12/7/2017	24596	Carmel Marina Corporation	Garbage Disposal Fees	\$ 30.21
12/7/2017	24597	Conte's Generator Service	Water- Generator Repair & Maint	\$ 602.07
12/7/2017	24598	Exxon Mobile	Fuel for Vehicles	\$ 493.90
12/7/2017	24599	GreatAmerica Financial Services	Meter Rental & Lease of Billing Eqp	\$ 462.26
12/7/2017	24600	Jonathan Varela-Exp	Cellular Phone Reimbursement	\$ 40.00
12/7/2017	24601	MBAS	Water Testing Fees	\$ 2,075.00
12/7/2017	24602	Monterey Weekly Classifieds	Public Notices	\$ 183.75
12/7/2017	24603	Noland, Hamerly, Etienne, Hoss	Legal Fees	\$ 2,120.00
12/7/2017	24604	Overhead Door	New Garage Roller Door	\$ 2,310.00
12/7/2017	24605	Praxair Distribution Inc.	Well Sites Supplies	\$ 141.67
12/7/2017	24606	Principal Life Group	Employees Life Insurance Benefits	\$ 107.40
12/7/2017	24607	Redshift Internet Services	DSL Service	\$ 69.99
12/7/2017	24608	Tony's Locksmith	Replace Front Door Lock	\$ 93.00
12/7/2017	24609	Visa-Eric	Office and Shop Supplies	\$ 284.61
12/7/2017	24610	Visa-Lidia	Operators Cellular Phones	\$ 75.39
		continued	Web Page	\$ 249.90
		continued	W2 & 1099 Tax Forms for 2017	\$ 170.23
12/7/2017	24611	Visa-Roberto	Office Supplies and Auto Log Books	\$ 43.11
	24612-			
12/7/2017	24617	District Employees'	Bi-Weekly Net Payroll	\$ 10,920.97
12/7/2017	24618	VALIC	Bi-Weekly Payroll Taxes	\$ 1,465.00
12/7/2017	24619	Vehicle Registrations Collection	Employee Wage Garnishment	\$ 274.00
12/7/2017	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 4,879.98
12/7/2017	2	EDD	Bi-Weekly Payroll Taxes	\$ 862.63
12/7/2017	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,261.98
12/7/2017	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 1,486.53
12/7/2017	5	CalPERS-Health	Employee Health Benefits-December	\$ 10,664.69
	24620-			
12/21/2017	24625	District Employees'	Bi-Weekly Net Payroll	\$ 11,542.77
12/21/2017	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 5,058.60
12/21/2017	2	EDD	Bi-Weekly Payroll Taxes	\$ 901.60
12/21/2017	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,221.94
12/21/2017	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 1,443.98
12/21/2017	24626	VALIC	Bi-Weekly Deferred Comp	\$ 1,465.00
12/21/2017	24627	ACWA JPIA	Employees Dental, Vision & EAP	\$ 1,035.72
12/21/2017	24628	Aramark Uniform Services	Operators Uniforms & Mats	\$ 211.61
12/21/2017	24629	Castroville Auto Parts	Auto Part	\$ 2.47
12/21/2017	24630	Castroville Hardware	Parts and Supplies	\$ 608.09
12/21/2017	24631	CSDA	Annual Membership Dues	\$ 5,562.00
12/21/2017	24632	Gieger	1,100 Laser Checks for GF	\$ 219.84
12/21/2017	24633	Gutierrez Consultants	Assisting with Grants	\$ 542.50
12/21/2017	24634	M.R.W.P.C.A.	Disposal Fees	\$ 23.00
12/21/2017	24635	Office Depot, Inc.	Office Supplies and Equipment	\$ 391.41
12/21/2017	24636	Pacific Gas & Electric	Steel Garage	\$ 16.98

Date	Number	Name	Memo	Amount
		continued	Moss Landing Lift Stations-Zone 3	\$ 886.64
		continued	Castroville Lift Stations Zone 1 & 2	\$ 1,164.69
12/21/2017	24637	Praxair Distribution Inc.	Well Sites Supplies	\$ 197.04
12/21/2017	24638	SWRCP	System Fees for Well Sites	\$ 2,088.00
12/21/2017	24639	U.S. Postal Services	Postage for Billing	\$ 2,100.00
12/29/2017	24640	Glen G. Oania	12-19-2017 Board Meeting	\$ 100.00
12/29/2017	24641	James R. Cochran Jr.	12-19-2017 Board Meeting	\$ 100.00
12/29/2017	24642	Ronald J. Stefani	12-19-2017 Board Meeting	\$ 100.00
12/29/2017	24643	Silvestre Montejano	12-19-2017 Board Meeting	\$ 100.00
Total General Fund-Checking				\$ 79,065.80
Customer Deposit Fund				
12/29/2017	3780	American Civil Constructors	Deposit Refund	\$ 800.00
12/29/2017	3781	Mike Bellone	Deposit Refund	\$ 45.06
12/29/2017	3782	Maria Cruz Lopez	Deposit Refund	\$ 29.39
12/29/2017	3783	Mary Foster	Deposit Refund	\$ 38.76
12/29/2017	3784	Josefina Hernandez	Deposit Refund	\$ 7.89
12/29/2017	3785	Castroville CSD	December Closures	\$ 298.90
Total Customer Deposit Fund				\$ 1,220.00



Calendar for Year 2018 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6				1	2	3				1	2	3		
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31
1:○ 8:● 16:● 24:○ 31:○							7:○ 15:● 23:○							1:○ 9:○ 17:● 24:○ 31:○						

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6	7			1	2	3	4	5					1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
8:○ 15:● 22:○ 29:○							7:○ 15:● 21:○ 29:○							6:○ 13:● 20:○ 28:○						

July							August							September							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22	
29	30	31					26	27	28	29	30	31		23	24	25	26	27	28	29	
6:○ 12:● 19:○ 27:○							4:○ 11:● 18:○ 26:○							2:○ 9:● 16:○ 24:○							

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5	6				1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
2:○ 8:● 16:○ 24:○ 31:○							7:○ 15:○ 23:○ 29:○							7:○ 15:○ 22:○ 29:○						

Holidays:			
Jan 1	New Year's Day	Nov 12	Veterans Day observed
Jan 15	Martin Luther King Jr. Day	Nov 22	Thanksgiving Day
Feb 19	Presidents' Day	Dec 25	Christmas Day
May 28	Memorial Day		
Jul 4	Independence Day		
Sep 3	Labor Day		
Oct 8	Columbus Day (Most regions)		
Nov 11	Veterans Day		

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