



# 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](http://CastrovilleCSD.org)

## AGENDA REGULAR MEETING OF THE BOARD OF DIRECTORS TUESDAY, OCTOBER 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 September 18, 2018 –  
**motion item**

### CORRESPONDENCE:

1. None

### INFORMATIONAL ITEMS:

1. The Special Districts Association of Monterey County will convene for its Regular Quarterly Meeting, Tuesday, October 16, 2018
2. *Carmel River Watershed Conservancy*– A test of California’s commitment to groundwater sustainability
3. California American Water, information on water rights and slant wells
4. Comments presented by Dale Huss, Vice President of Artichoke Production for Ocean Mist Farms to the Commissioners of the California Utilities Commission on the proposed decision on the Monterey Peninsula Water Supply Project on the 13<sup>th</sup> of September

**AGENDA, Page 2**  
October 16, 2018  
CASTROVILLE COMMUNITY SERVICES DISTRICT

**PRESENTATION:**

1. None

**NEW BUSINESS:**

1. Consider putting out to bid 4 new motor control centers for Moss Landing – **motion item**
2. Approve one-time incentive bonus of \$250 for Operators Varela and Orozco along with a \$1 pay increase per hour for Operator Varela pending certification obtained from CWEA for Collections System Maintenance I and \$1 pay increase per hour for Operator Orozco pending certification obtained from State Water Resources Control Board for Water Distribution Operator I. Once copy of certificates submitted, certification incentive bonus and certification pay will be effective the next full pay day, which begins on a Thursday – **motion item**

**UNFINISHED BUSINESS:**

1. Status of Well #3 – Eric Tynan, General Manager
2. Update on the Local Groundwater Sustainability Agency (GSA) Formation – Director Ron Stefani
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 - Eric Tynan, General Manager
4. Update on radio system upgrades for water and sewer systems for \$15,956 and have contractor install – Eric Tynan, General Manager
5. Update on Cal Am Desal – Eric Tynan, General Manager
6. Consider implementing an employee wage step program – **motion item**

**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

October 16, 2018

CASTROVILLE COMMUNITY SERVICES DISTRICT

**CHECK REGISTER** – Receive and file the Check Register for the month of September 2018 –  
**motion item**

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

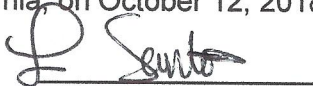
Adjournment to the next regular scheduled Board Meeting – **motion item**

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 October 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 October 12, 2018.



Lidia Santos, Board Secretary



THE OFFICIAL MINUTES OF THE REGULAR BOARD MEETING OF  
**CASTROVILLE COMMUNITY SERVICES DISTRICT**  
September 18, 2018

President Silvestre Montejano called the meeting to order at 4:32 p.m.

**ROLL CALL:**

**Directors Present:** President Silvestre Montejano, Vice President Adriana Melgoza, Director Glenn Oania and Director Ron Stefani

**Absent:** Director James Cochran

**General Manager:** Eric Tynan

**Secretary to the Board:** Lidia Santos

**Staff Present:**

**Guest:** Grant Leonard

**PLEDGE OF ALLEGIANCE**

President Silvestre Montejano requested Mr. Grant Leonard lead the Pledge of Allegiance.

**PUBLIC COMMENTS**

1. None

**CONSENT CALENDAR**

1. A motion was made by Ron Stefani and seconded by Glenn Oania to approve the minutes of the August 21, 2018 Scheduled Board Meeting. The motion carried by the following vote:

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

*Consent Calendar accepted as presented*

**CORRESPONDENCE:**

1. Letter of testimony presented by Castroville CSD General Manager Eric Tynan at the California Public Utilities Commission hearing held on the 13<sup>th</sup> of September.
2. Email to General Manager Eric Tynan from Bret Boatman, Monterey One Water operator regarding assistance he received from Castroville CSD on-call operator.

*Correspondence Calendar accepted as presented*

**INFORMATIONAL ITEMS:**

1. *Monterey Herald* – Quenching the Peninsula's thirst with recycled water
2. *Monterey Herald* – California Public Utilities Commission's proposed decision backs Cal Am desalination project
3. *Monterey Herald* – Decision time: CPUC set to consider Cal Am desal project on Thursday

*Informational items accepted as presented*

**PRESENTATIONS:**

1. None

**NEW BUSINESS:**

1. Consider implementing an employee wage step program – General Manager Eric Tynan presented the board with an employee wage step program and mentioned that the Customer Service-A/R, Office Manager, Lead Water Service-Collection System Maintenance Worker II and General Manager employees in these positions are already at the top of the scale for their wages and recommended the



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Board exclude these positions from the proposed wage step program and to only have cost of living apply with Board approval. In his opinion, the only positions that will need a wage step program in place are the Water Service-Collection System Maintenance Worker II, I and Laborer Maintenance Worker. He based these wages on a wage study he obtained on various agencies. The proposed wage step program can be viewed on pages 22-23 of this board packet. The Board informed General Manager Eric Tynan to include all staff positions on the proposed wage step program and requested he provide them with a comparable wage study of other agencies to review. A motion is made by Ron Stefani and seconded by Glenn Oania to table this item until the next regularly scheduled board meeting to be held on October 16, 2018. The motion carried by the following vote:

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

2. Consider selling both the 2001 Ford/crane truck and 2006 Chevrolet truck on Govdeals.com – General Manager Eric Tynan reported to the Board that both these vehicles are no longer reliable. The District needs to dispose of them by selling them on Govdeals.com, which is where the District has been selling surplus vehicles and equipment. District policy for replacement of vehicles is 8 years or 80,000 miles. A motion is made by Adriana Melgoza and seconded by Ron Stefani to sell both the 2001 Ford/crane truck and 2006 Chevrolet truck on Govdeals.com. The motion carried by the following vote:

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

**UNFINISHED BUSINESS:**

1. Status of Well #3 and consider exploring prospective sites for a new well – General Manager Eric Tynan informed the Board that Well #3 is still in use and operating. This well provides 30% of the daily water supply. He is also still waiting for the contractor Maggiora Brothers to respond and submit their Risk Transfer Agreement with Castroville CSD before they proceed with further investigation of Well #3. If they do not respond soon, he will have to seek out a different contractor.
2. Update on the Local Groundwater Sustainability Agency (GSA) – Director Ron Stefani informed the Board that in order to run the GSA, it is estimated 1 million dollars will be needed annually. Meetings are being held throughout North Monterey County on how residents want to approach seawater intrusion. One of the meetings is scheduled for tomorrow Wednesday, the 19<sup>th</sup> of September, here at the District office at 5:30 p.m. Options on funding the agency will be discussed at this meeting. As mentioned at last month's board meeting, the farmers will have the power to pick the one they want. The farmers will likely select the option that has a parcel charge and it would cost urban users (estimating about 50,000 connections) as low as \$1.56 to 2.04 per hookup per year. Also, this district will have to decide if they want to directly collect these fees from the property owners annually and then forward the funds collected to the GSA or provide the GSA with a parcel map of the entire district and have them bill the fees on the property tax roll instead. General Manager Eric Tyan stated that he and staff would prefer the GSA collect these fees on the tax roll. The farmers are looking at less than \$5 an acre of irrigated land. They are using a 90/10 formula; farmers using 90% of the water and urban users 10%.
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 submitted a grant application for Prop 1 funding to the State Water Resource Control Board for the Moss Landing Sewer Zone 3. Currently, the District is struggling with the grants. Moss Landing residents did not respond to the "Medium Household Income" survey (MHI) that was mailed out three times. Finally, resorted to door to door contact. To date the District has received 80 responses out of 220 that were mailed out. The District needs 163 out of the 200 to respond to the survey in order to determine if Moss Landing qualifies as a disadvantaged community. A flyer is being worked on that will be mailed out in English and Spanish expressing the importance of completing the survey by including pictures of some of the dilapidated infrastructure. The trailer park



residents have been the most reluctant to respond. Vice President Adrian Melgoza stated she may be able to assist in getting the residents in this area to respond to the survey. Current funding efforts: Moss Landing sewer system improvements, Castroville emergency well replacement, Castroville water supply improvements and Castroville wastewater improvements.

4. Update on radio system upgrades for water and sewer systems for \$15,956 and have contractor install – General Manager Eric Tynan reported to the Board that the project is 95% complete. The project was delayed due to the contractor having unexpected surgery. This project should be finalized by the next regularly scheduled board meeting.
5. Update on Moss Landing Sewer Allocation Plan – General Manager Eric Tynan informed the Board that there was no additional information to report at this time regarding the concerns of the Moss Landing Harbor District on the Moss Landing Allocation Plan put in place by this Board. The next Moss Landing Community Plan meeting is in October and he will not be able to attend since he will be on vacation during this time. As previously mentioned to the Board that he had spoken with the Harbor District General Manager Linda McIntyre and had let her know that Castroville CSD will not be issuing any new “Can and Will Serve” letters in downtown Moss Landing (Zone 5) and the Moss Landing Island (Zone 3) until the Harbor District has accepted the County’s Moss Landing Community Plan regarding sewer allocations. He also approved two “Can and Will Serves” for the North Harbor.
6. Update on Cal Am Desal project – General Manager Eric Tynan reported to the Board that he had attended and spoke at the California Public Utilities Commission (CPUC) hearing in San Francisco, Thursday, 13th of September in support of the Cal Am Desal project along with Dale Huss, Vice President of Artichoke Productions for Ocean Mist Farms and former Castroville CSD Director Cosme Padilla who is also the former Monterey County Planning Commissioner. They all spoke in favor of the Cal Am Desal project. The CPUC did issue Cal Am a certificate of public necessity which allows Cal Am to proceed with their desal project. However, they are now waiting to see what lawsuits will be filed.

**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 – Director Ron Stefani stated that the biggest news is the CPUC decision on the Cal Am Desal project. The Pure Water Monterey project continues to be on schedule.
2. Update on meetings/an educational class attended by the Directors – Director Ron Stefani stated he attended a Transportation Agency for Monterey County (TAMC) meeting at the Castroville library presented by Grant Leonard regarding the expansion of Highway 156 which was very informative.

## 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 Issue
  - 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** –August 2018. A motion was made by Adriana Melgoza and seconded by Ron Stefani to pay all bills presented. The motion carried by the following vote:

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

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

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

The meeting adjourned at 5:20 p.m. until the next scheduled meeting

Respectfully submitted by,

Approved by,

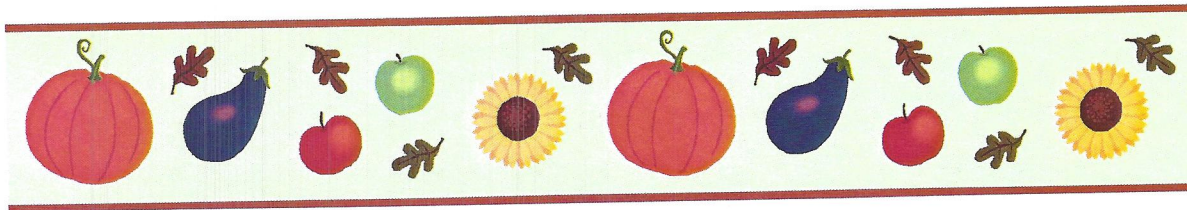
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Lidia Santos  
Secretary to the Board

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Silvestre Montejano  
President





## The Special Districts Association of Monterey County

The SDA of Monterey County will convene for our Regular Quarterly Meeting

**Date:** Tuesday, October 16, 2018

**Time:** 6:00 - 8:00 P.M.

**Location:** SHORELINE OCCUPATIONAL SERVICES  
CONFERENCE CENTER-249 10<sup>th</sup> Street  
(on the former Ft. Ord)

Directions: Take the Imjin Parkway Exit off Highway 1 - Stay on Imjin Parkway until you get to 3<sup>rd</sup> Avenue (first turn after the stoplight). Turn RIGHT on 3<sup>rd</sup>. The driveway is on your right and the building is straight ahead.

**Dinner:** Short Ribs, potatoes, pasta. Includes salad bar, dessert or fresh fruit, and iced tea/coffee.

Cost: \$30.00 per person (includes the room rental)  
PLEASE BRING PAYMENT TO DINNER checks payable to  
"The Special Districts Association of Monterey County"

**RSVP:** To Paula Riso at [priso@mcwd.org](mailto:priso@mcwd.org)  
PLEASE RESPOND BY Friday, October 12, 2018

We encourage your District Directors, Commissioners and General Managers to attend.



AGENDA  
REGULAR MEETING OF THE  
SPECIAL DISTRICTS ASSOCIATION  
OF MONTEREY COUNTY



Tuesday, October 16, 2018

(Times are Approximate)

1. 6:00 – Call to Order, welcome by President Tom Moore
2. 6:05 – Serve yourself buffet dinner
3. 6:30 – Speaker: Assemblymember Mark Stone
4. 7:00 – Topic: Upcoming Election

Speakers: Claudio Valenzuela, Registrar of Voters

5. 7:30 – Approval of Minutes from the July 17, 2018 meeting
6. 7:35 – New/Old Business:
  - a. Discuss Donating to the Special District Leadership Foundation (SDLF) Scholarship Fund
  - b. Appoint Nominating Committee for 2019 Officers
7. 7:40 – Informational Reports:
  - a. Legislative Chair Report – Vince Ferrante
  - b. Finance Committee Chair Report – Rick Verbanec
  - c. CSDA Coastal Network 5 Representative Report – Vince Ferrante
  - d. LAFCO Representative Report – Kate McKenna
  - e. Other Reports –

8. 7:50 – Members comments

9. 7:55 – Suggested topics and/or speakers for next agenda; next meeting date; location:

Shoreline Occupational Services Conference Center  
Tuesday, January 15, 2019, 6:00 pm

10. 8:00 – Adjournment

*“During the dry years, the people forgot about the rich years, and when the wet years returned, they lost all memory of the dry years. It was always that way.”*

— John Steinbeck, *‘East of Eden’*

Environmental calamities recently have battered California with alarming frequency. Over the past year, we have suffered the most damaging wildfires in our history. But, as in Steinbeck’s era, chronic water scarcity remains our most serious environmental problem.

In some corners of the state, extreme water conservation has become a year-round way of life. This is certainly the case on the Monterey Peninsula.

The region is the state in microcosm. Rainfall is infrequent. Groundwater is scarce. The aquifers are depleted. Farmers don’t have enough water for their crops. And the state has determined that the Carmel River can no longer be used as a source of fresh water for the community. In short, Monterey has all of the state’s water problems, all in the same spot.

## **A test of California’s commitment to groundwater sustainability**

But there is a solution on the horizon. And it’s the same solution that, on a bigger scale, can help solve the state’s water problems: The Pacific Ocean.

On Thursday, the California Public Utilities Commission has the opportunity to grant final approval of an ocean desalination project that, when completed, will solve the Monterey Peninsula’s water woes. But more significantly, it will also serve as a working model of desalination done right.

The Monterey project has three aspects that make it work so well:

**Desalination** — the project uses “slant wells” to capture seawater safely. Slant wells are simply normal groundwater wells drilled at an angle, in this case 15 to 20 percent. Imagine a perforated drinking straw beneath the sandy floor near the coast and you’ll understand the basic concept. In contrast to “open ocean” intake systems, slant wells virtually eliminate any harm to sea life. Slant wells also eliminate the need for pretreatment, saving millions of dollars.

**Water recycling** — wastewater from agricultural and storm water will be purified into drinking water using advanced treatment technology.



**Aquifer storage and recovery** — excess rainy-season flows from the Carmel River will be stored for use during the dry season.

The Monterey desalination project will also serve as a statewide model because it's a public-private partnership. The desalination facility will be built and owned by a regulated private utility company. The water recycling facility will be publicly owned. And the aquifer storage and recovery will be a mix of private and public ownership. All three parts of the project will be funded by public and private sources, including grants and low-interest public financing. This arrangement aims to minimize rate impacts to customers.

This project will end the decades-long water crisis in Monterey. And, according to the CPUC's analysis, it will do so without any significant environmental impacts. In fact, the Carmel River will finally be returned to its near natural state, as Steinbeck described it, "everything a river should be."

It's time for the CPUC to issue final approval of this project. The community will have a reliable and sustainable water supply, and the Carmel River will be restored. It's a model project that will show the whole state that the permanent solution to our water problems can be found right next door, in the Pacific Ocean.

*Michael L. Waxer is the president of the Carmel River Watershed Conservancy, which aims to restore and preserve the biodiversity of the river through education and advocacy.*

# WATER RIGHTS for the Monterey Peninsula Water Supply Project

Does California American Water have the legal right to pump water from slant wells in Marina? **Yes.**

## FACTS ABOUT THE MPWSP'S DESALINATION PROCESS

- Slant wells are the best option for protecting the environment.
- Cal Am does not require water rights in order to pump ocean water.
- The MPWSP could develop appropriate rights to and could legally pump brackish groundwater.
- Even under the most conservative assumptions, the MPWSP will not cause harm to the SVGB and other pumpers in the SVGB.
- Cal Am and the Salinas Groundwater Basin stakeholders agreed to replace any groundwater component of the source water that originates from the SVGB and to return an equal volume of desalinated water to the SVGB.

## PROJECT BACKGROUND

The Monterey Peninsula Water Supply Project (MPWSP) will provide a solution to the long-term water provision needs of the area by creating and expanding three water supply sources: a desalination facility, aquifer storage and recovery wells, and recycled water purchased from Monterey One Water.

### Slant Wells: Tested and Proven Technology

The MPWSP desalination component will draw primarily seawater from a system of slant wells constructed on the CEMEX property between the Pacific Ocean and Highway 1. Slant wells have been determined to be the best option for the complex environmental needs of the Monterey Peninsula because they will allow the desalination facility to source seawater without the environmental impacts associated with open ocean intakes.

California American Water (Cal Am) has operated a test well at the CEMEX property in Marina since April 2015. After two years of pumping, the slant well has proven to be a feasible, reliable and environmentally benign method of seawater intake. **The water drawn from the test well is on average 92 percent ocean water with the remaining percentage being highly brackish (saline) groundwater that is unusable for irrigation or human consumption.** The test well has shown that subsurface intakes are feasible and the State Water Resources Control Board (SWRCB), the California Coastal Commission and the Monterey Bay National Marine Sanctuary have express policies encouraging the use of subsurface intakes rather than open ocean intakes for desalination projects because the underground intakes eliminate harm to ocean life.



# SLANT WELLS

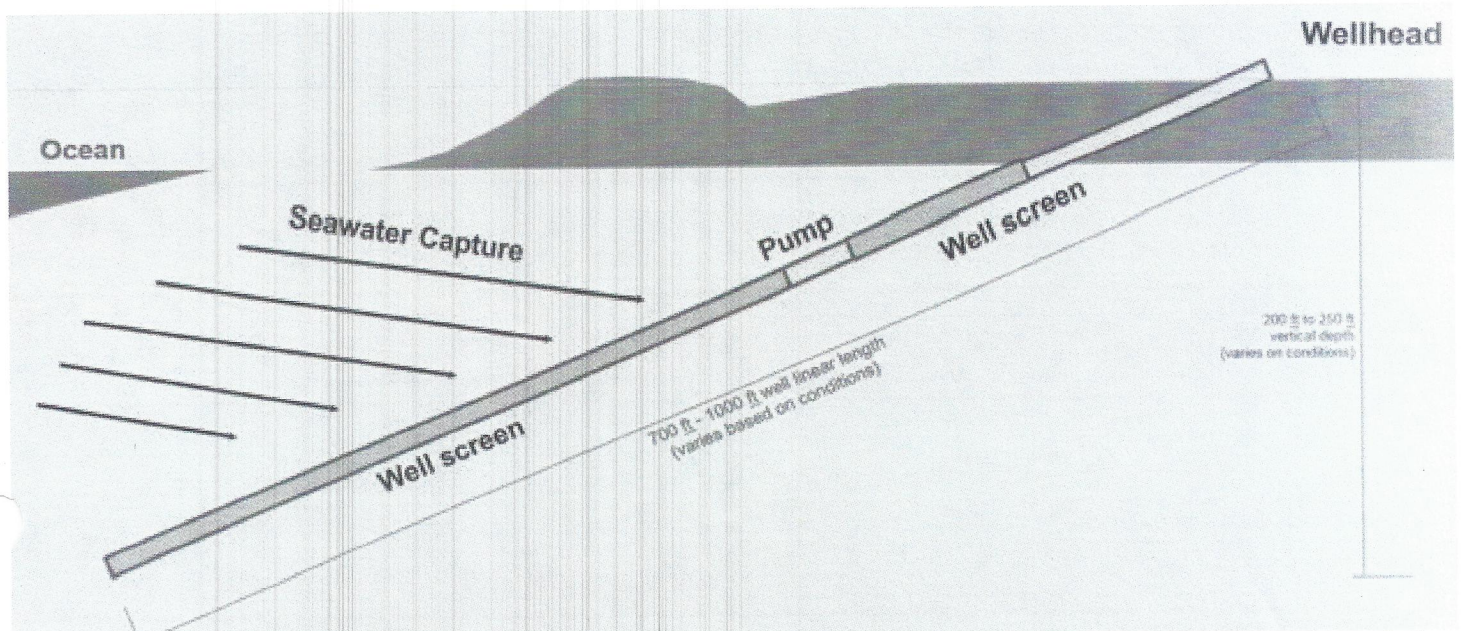
## Setting the Record Straight

Does California American Water have the legal right to pump water from slant wells in Marina? **Yes.**

### WHAT ARE SLANT WELLS AND WHY DOES THE MONTEREY PENINSULA WATER SUPPLY PROJECT (MPWSP) USE THEM?

Slant wells are the same proven technology as vertical wells, simply drilled at an angle. The desalination component of the MPWSP will include a system of slant wells constructed on property owned by CEMEX, between the Pacific Ocean (Monterey Bay) and Highway 1. Water pumped from the slant wells will be conveyed by pipe to a desalination plant to be constructed on Cal Am-owned land adjacent to the Monterey One Water Regional Treatment Plant, formerly known as the Monterey Regional Water Pollution Control Agency.

The slant wells will be constructed on land but tilted as shown in the diagram below to capture ocean water that has been flowing inland via the process of seawater intrusion for decades. Subsurface intakes are the environmentally preferred ocean water intake method by state and federal regulators, and slant wells are the best option for the complex environmental needs of the Monterey Peninsula because they will allow the MPWSP's desalination facility to process seawater without the environmental impacts associated with open ocean intakes.





# THE PROJECT'S WATER RIGHTS

Several opponents of the Project have questioned Cal Am's right to pump the proposed source waters for the desalination facility. To address this question directly, the California Public Utilities Commission referred the issue to the SWRCB for analysis. The SWRCB engaged in a ten-month deliberation process, which included a public review and comment period, and issued a final report on July 31, 2013.

## SWRCB Findings on Water Rights

The SWRCB's final report concluded that Cal Am does not require water rights in order to pump ocean water. The SWRCB report also concluded that the MPWSP could develop appropriative rights to and could legally pump brackish groundwater, without violating other users' groundwater rights, if:

1. the project extracts brackish or contaminated water that otherwise would be unused or wasted, or which is unsuitable for direct beneficial uses;
2. any "fresh" water (i.e., water suitable for beneficial use without treatment) extracted is returned to the Salinas Valley Groundwater Basin (SVGB); and
3. the Project does not harm other legal users of the SVGB.

The test for determining harm or injury would be if the project's wells:

1. lower groundwater levels materially affecting a legal user's access to groundwater,
2. reduce the overall availability of fresh water in the basin, or
3. negatively affect water quality so that legal users are no longer able to put that water to a beneficial use.

Desalinating seawater and brackish groundwater and making it available for beneficial use is supported by and furthers California water policy requiring the water resources of the State be put to beneficial use to the fullest extent possible.

## SVGB and Groundwater Pumper Impact Assessment

The SWRCB report encouraged Cal Am and the Project proponents to develop additional technical information to better assess the potential for the Project to affect the SVGB and other groundwater pumpers. Cal Am has taken the following actions to assess the Project's effect on groundwater pumpers:

- Constructed numerous boreholes to better define the underlying geology and hydrogeologic conditions.
- Constructed and has operated the test well to assess the effects of the slant well operations on the SVGB and other pumpers.
- As an additional assurance, Cal Am has voluntarily committed to retain an independent hydrogeologist to monitor the water quality and production of existing wells at any well-owners' request throughout the life of the project. If it is determined that a nearby well has been damaged or otherwise negatively affected by the pumping of the slant wells, Cal Am will coordinate with the well owner to mitigate the impacts.

The project's Draft Environmental Impact Report (DEIR), released January 13, 2017, extensively modeled and studied the question of harm and found that **even under the most conservative assumptions, the MPWSP will not cause harm to the SVGB and other pumpers in the SVGB.**

## Applicability of the Monterey County Water Resources Agency Act

To address questions about the applicability of the Monterey County Water Resources Agency Act, Cal Am has agreed to replace any groundwater component of the source water that originated from the SVGB (as distinguished from seawater) and was taken in by its slant wells, and will return an equal volume of desalinated water to the SVGB. Cal Am will return this water to the SVGB by delivering it to the Castroville Community Services District and the Castroville Seawater Intrusion Project, both of which will use the water in lieu of pumping groundwater from the SVGB. This "return water" program is anticipated to benefit the SVGB by slowing seawater intrusion conditions inland of the Project.



## DO THE WELLS WORK?

Absolutely. California American Water (Cal Am) has operated a test well at the CEMEX property in Marina since April 2015, and after two years of pumping the slant well has proven to be a feasible, reliable and benign method of seawater intake. Hydrogeologists monitoring the test well concluded that the project's wells will draw on average 95 percent or more ocean water over time. All groundwater being pumped would be highly saline and unusable for irrigation or human consumption.

The test well is currently undergoing an extensive environmental review overseen by the California Public Utilities Commission (CPUC) to ensure compliance with the California Environmental Quality Act (CEQA), and all environmental monitoring shows the wells are in compliance with permit requirements for the test program.

## WHY ISN'T THE MPWSP USING A TRADITIONAL OPEN OCEAN INTAKE?

The State Water Resources Control Board, the California Coastal Commission (CCC) and the Monterey Bay National Marine Sanctuary have express policies encouraging the use of subsurface intakes, such as slant wells, rather than open ocean intakes for desalination projects. This is because subsurface intakes eliminate harm to ocean life. Some of these agencies have stated that desal applicants must first prove a subsurface intake is infeasible, before an open ocean intake could be pursued. In our case, the test well has shown that subsurface intakes are feasible and therefore Cal Am must pursue this option in conformance with regulatory requirements.

Cal Am originally planned to place its slant wells on the beach to draw subsurface ocean water, but the proposed well locations were moved further inland behind the sand dunes to address concerns about potential impacts to the dunes and its biology, and to account for future coastal erosion. Altogether, the design and location of the wells have resulted in an intake system that disturbs the environment as little as possible and is far more environmentally friendly than the alternatives.

## WILL THE SLANT WELLS TAKE WATER FROM THE SALINAS VALLEY'S GROUNDWATER?

On average, 95 percent of the water drawn from the wells will be ocean water. The remaining amount is highly brackish groundwater that would never be fit for human consumption or use without desalination.

## WILL THE SLANT WELLS CAUSE SALTWATER INTRUSION IN THE SALINAS VALLEY GROUNDWATER BASIN (SVGB)?

No. Saltwater intrusion naturally occurs in coastal aquifers due to the hydraulic connection between groundwater and seawater, but intrusion is exacerbated when groundwater withdrawals outpace groundwater recharge, lowering groundwater levels below sea level and allowing seawater to infiltrate inland. This effect has been occurring in the SVGB for many decades, with seawater intrusion now extending miles inland. The slant wells proposed for the project are located near the ocean's edge to capture seawater already flowing into the groundwater. Due to the nature of well pumping, a small percentage of brackish groundwater will be pulled into the well. Cal-Am will replace this groundwater



INTEGRITY · QUALITY · PASSION · SUCCESS

September 11, 2018

To: The Commissioners of the California Utilities Commission

Presented by: Dale Huss – Vice President of Artichoke Production for Ocean Mist Farms

### **Comments on the Proposed Decision on the Monterey Peninsula Water Supply Project**

My name is Dale Huss and I am the Vice President of Artichoke Production for Ocean Mist Farms. Castroville is the home of our family farming companies. We have been in business since 1924 and we grow all the different cool season vegetable crops that the Salinas Valley has to offer. We employ over 1,500 men and women that are involved in the growing, harvesting, cooling, marketing and sales of our crops. Many of our employees live in Castroville. It is said that the Salinas Valley is a strategic asset to our nation because of our unique climate that allows us to grow the nutritious crops we grow that feed our country.

I am the Chairman of the Water Quality and Operations Committee for Monterey County's Water Recycling Projects (CSIP and the SVRP). I am a member of the TAC for the MPWSP's Water Authority and have studied and reviewed the different projects that have come before us that would best serve the Monterey Peninsula's citizens.

I personally have been involved in growing all our different crops on the lands just north of Marina on both sides of highway 1 to Castroville and back to Salinas using both CSIP water and well water. I testify today that the well water in the 180 and 400 aquifers just North of Marina is intruded and can't be used for irrigation. Water being used for irrigation on these lands is being pumped from the 900-foot aquifer (which has very little recharge) or is recycled water if it's in CSIP.

We were farming crops on the Armstrong property just North of Marina in 1998. We drilled a well away from the coast into the 400-foot aquifer in 1997. By the summer of 1998 our chloride levels were on the increase. We walked away from the ranch in 2006 after the chloride levels got too high to use for irrigation.



I want to thank Nancy Isakson and the Salinas Valley Water Coalition, Norm Groot and the Monterey County Farm Bureau, along with Dave Chardavoyne and the Monterey County Water Resources Agency for taking the lead and being participants in the process to find out if the proposed slant well desal project would cause harm to the Salinas Valley Groundwater Basin. The findings of the Hydrologic Working Group have proven that it will not. That along with The Return Water Settlement Agreement that brings the fresh water component of the brackish water back to Castroville results in a net positive impact on the immediate Salinas Valley Groundwater Basin because it allows Castroville to reduce it's pumping from both the 400 and 900 foot aquifers. The return water flows will ensure Castroville, which is considered a "severely disadvantaged community", has a sustainable high-quality water source for the future needs of its residents and businesses. The Return Water Flow agreement satisfies the Agency Act which is one of the pressure points with opponents who misunderstand the return water flow and water rights involved.

Many of us in attendance today have spent countless hours studying options that would allow the Monterey Peninsula a reliable long-term water supply with the least amount of harm to the environment, nearby agriculture, nearby communities and the Salinas Valley Groundwater Basin. Furthermore, if anyone is harmed by the project, the Return Water Settlement Agreement requires Cal Am to mitigate that harm including providing them water if necessary. It is important that the Commission adopt the Return Water Settlement Agreement as recommended – as it serves to protect the Salinas Valley Basin, its water rights holders, and water users, and this must be done before any water is provided to the peninsula.

We support the proposed decision to approve the entire "Cal Am Water Supply Project", including the 6.4 MGD desal plant, the 3,500-acre foot Pure Water Monterey advanced water treatment plant, and the aquifer storage and recovery project. It is the right thing to do for the Monterey Peninsula's long-term water supply. It will end the environmentally damaging over-pumping of the Carmel River. It returns the fresh water component of the brackish water to the Salinas Valley either to Castroville or CSIP. The Aquifer Storage and Recovery Project of Pure 1 Monterey will not by itself solve the water crisis on the Peninsula.

It's time to move the proposed project forward.

Respectfully submitted by Dale Huss to the CPUC on September 13<sup>th</sup>, 2018.



"C" or higher. Confirmation transcripts or evidence which verifies the student's grade or "pass/fail" completion must be submitted to the General Manager upon completion of the course and prior to receiving reimbursement.

Courses must be taken on the employee's own time unless otherwise authorized by the General Manager or designee.

#### **8.4 Certification Incentive Bonus**

Certain personnel holding positions in the Operations and Maintenance (O&M) Departments are required to obtain certification commensurate with his/her position from the California Department of Public Health (CDPH), California Water Environment Association (CWEA), the American Water Works Association California/Nevada Section (AWWA CA/NV), State Water Resources Control Board (SWRCB), or other certifying boards.

Those who become employed by CCSD in positions requiring certification and whose employment commences after the effective date of this certification requirement, must obtain the specified grade of certification within one (1) year following the date upon which they have fulfilled the experience requirement. However, employees must obtain the required level of certification before he/she can be promoted to any other position for which he/she applies. For more information on what type of certification is required, employees should refer to the classification job description and discuss with his/her General Manager. **The certification incentive bonus must be pre-approved by the General Manager.**

CCSD shall pay one-time incentive bonus of two hundred fifty dollars (\$250) per certificate for employees who obtain the following certificates from the CDPH: Water Distribution Operator I, II and Water Treatment Operator I, II; CWEA: Collection System Maintenance I, II, Backflow Prevention Assembly Tester, Cross Connection Control Specialist, Water Conservation Practitioner I, II, and, any other pertinent certifications on which the parties may agree.

After providing proof of completion of a course of study or passing of a certification or licensing exam, employees will be reimbursed for the cost of licenses, certificates and renewals which are required to perform his/her job duties.

#### **8.5 Certification Pay**

As an incentive to encourage employees to acquire knowledge in areas related to current or future position(s), CCSD provides a one-time, \$1 pay increase per hour; incentive pay subject to General Manager recommendation and also subject to Board approval. The General Manager is authorized to increase merit pay when an Employee has received a





# CASTROVILLE COMMUNITY SERVICES DISTRICT

## GENERAL MANAGER'S REPORT

SEPTEMBER 18, 2018

### ❖ Regulatory Compliance

- ❑ Last SWRCB-DDW inspection of water system and permit July 2017
- ❑ No coliform violations (all routine samples negative) for August 2018
- ❑ Quarterly sampling of Well #3 due to it exceeding secondary standards for Iron, Turbidity, Spec. Cond. and Chloride
- ❑ Submitted water quality reports to 9 large Water system customers
- ❑ Regulatory documentation for Castroville Zone 1 sewer jetting activities
- ❑ Submitted No-spill report to State documenting Moro Cojo and Moss Landing systems had no sewer spills for September 2018
- ❑ Regulatory documentation for MLCSD – Zone 1 & 2 sewer jetting activities
- ❑ Regulatory documentation for CCSD – Zone 3 sewer jetting activities

### ❖ Current Projects

- ❑ Investigate/mitigate Sea Water Intrusion of Well#3
- ❑ Install new Chlorine generator at Well #2 & Well #5
- ❑ Convert Well #5 Arsenic treatment from Co2 to Blending with Well #2 or convert CO2 to sulfuric acid for Ph control
- ❑ Installing upgraded SCADA system with new radio's and computers
- ❑ 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 2.8 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
- ❑ Investigate multiple projects in Castroville done w/o review or permitting
- ❑ Purchase new Crane Truck
- ❑ Put 2006 Utility Truck and 2001 Crane Truck on Gov.Deal auction site

### ❖ **Completed Projects**

- ❑ Sold Chevy HHR thru Gov-Deals auction
- ❑ 2019-2023 Capital Improvement Plan
- ❑ Submitted application for Moss Landing Prop 1 grant for \$2,800,000
- ❑ Moss Landing Grease trap inspections 100% completed
- ❑ Castroville Grease trap inspections 85% completed
- ❑ Door hanged 99 residences asking for help on the Moss Landing MHI
- ❑ Income study for Moss Landing Sewer grant application 8/16/2018
- ❑ Replaced approximately 15 meter registers in September
- ❑ Painted or removed graffiti from 3 sites in Castroville
- ❑ Repaired/replaced 5 service lateral leaks

### ❖ **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
- ❑ Purchase new Crane Truck
- ❑ 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
- ❑ Investigated high sewer flows in Moss Landing @ Lift Station #4
- ❑ 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
- ❑ Salinas Basin and North Monterey County Drought contingency planning
- ❑ Neighborhood Watch
- ❑ Monterey County Sherriff's Citizens Advisory Group-Eric
- ❑ CSIP 20<sup>th</sup> anniversary event-
- ❑ Meeting with Moss Landing Chamber
- ❑ Attend CPUC hearing to support Cal Am's MPWSP desal project
- ❑ Water Special District Managers meeting
- ❑ Monterey One Water Board meeting – Ron
- ❑ Martin Feeny District Hydrologist re: response to Well#3 chlorides
- ❑ Meet with various entities to consider property acquisition for new water supply well
- ❑ MCWRA Salinas River LTMP- Ron & Eric



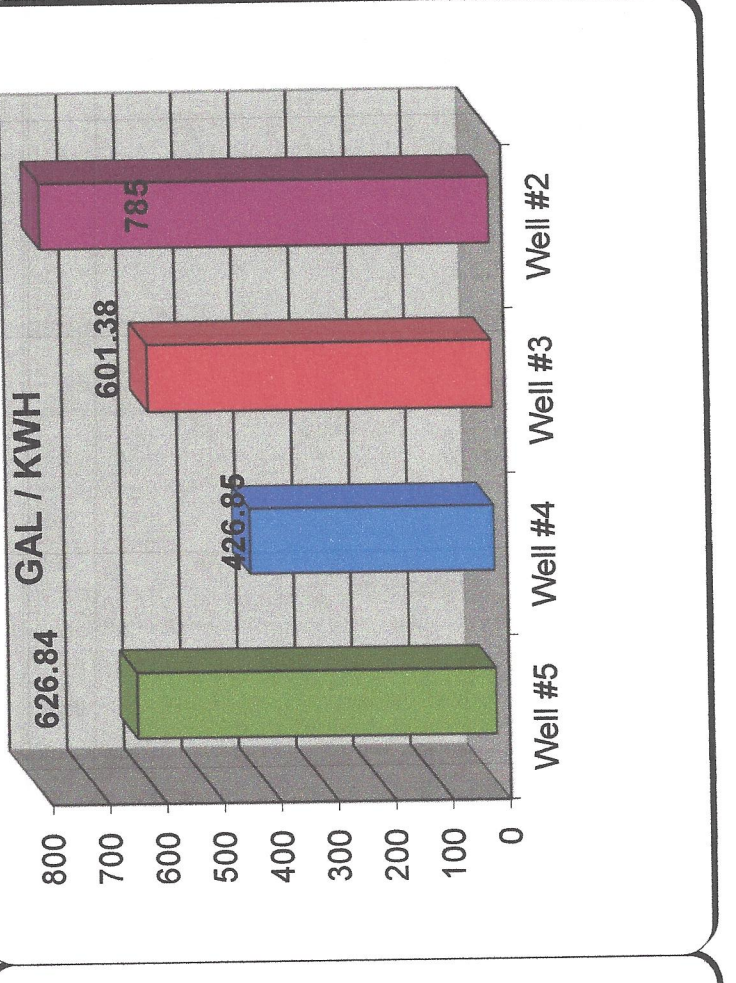
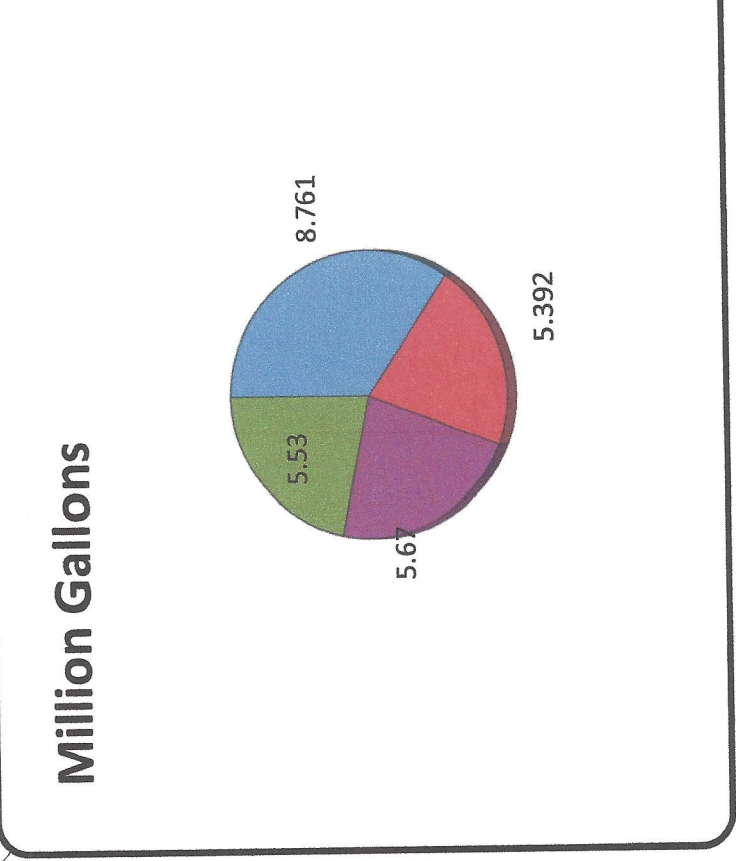
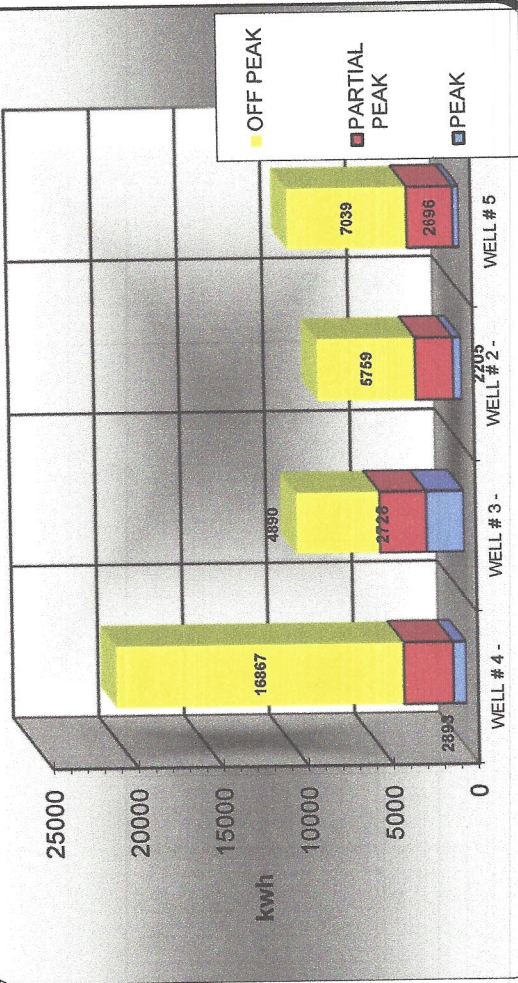
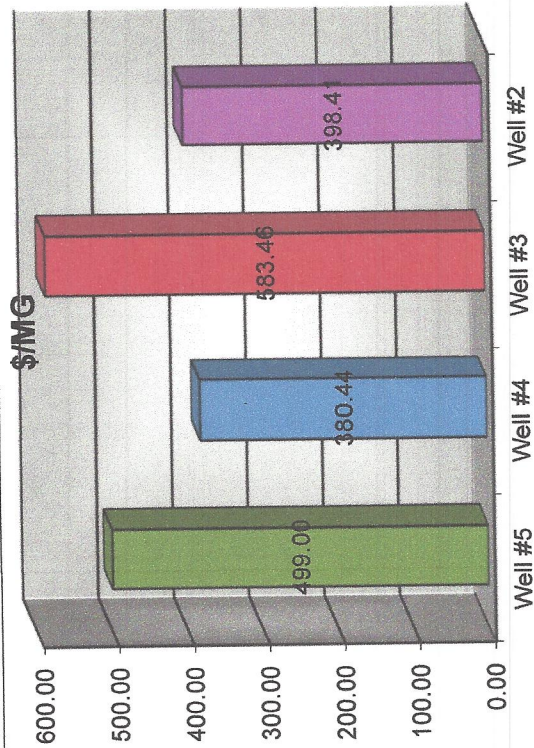
❖ **Meetings/Seminars (upcoming)**

- ❑ MPWSP Intervenors discussion
- ❑ Possible meeting with Harbor District to revisit Moss Landing Sewer Allocation Plan
- ❑ Moss Landing Community Plan update
- ❑ SVGWB GSA Board meetings Ron
- ❑ Neighborhood Watch
- ❑ MBWWA Training and Vendor Fair -September 20th
- ❑ Monterey County Sherriff's Citizens Advisory Group-Adriana & Eric
- ❑ Quarterly Special District Managers meeting
- ❑ Quarterly Water Managers meeting
- ❑ Meeting with Moss Landing Chamber
- ❑ Monterey 1 Water Board meetings – Ron & James

❖ **Improvements/Ideas/Suggestions**

- ❑ Consider installing backup generator for Office
- ❑ Recoat Castroville overhead sign
- ❑ Select areas for sewer main and clean out replacement program
- ❑ Paint valve covers Blue-Water, Yellow-Fire
- ❑ Select areas for Saddle main valves and lateral replacement program

# September-18

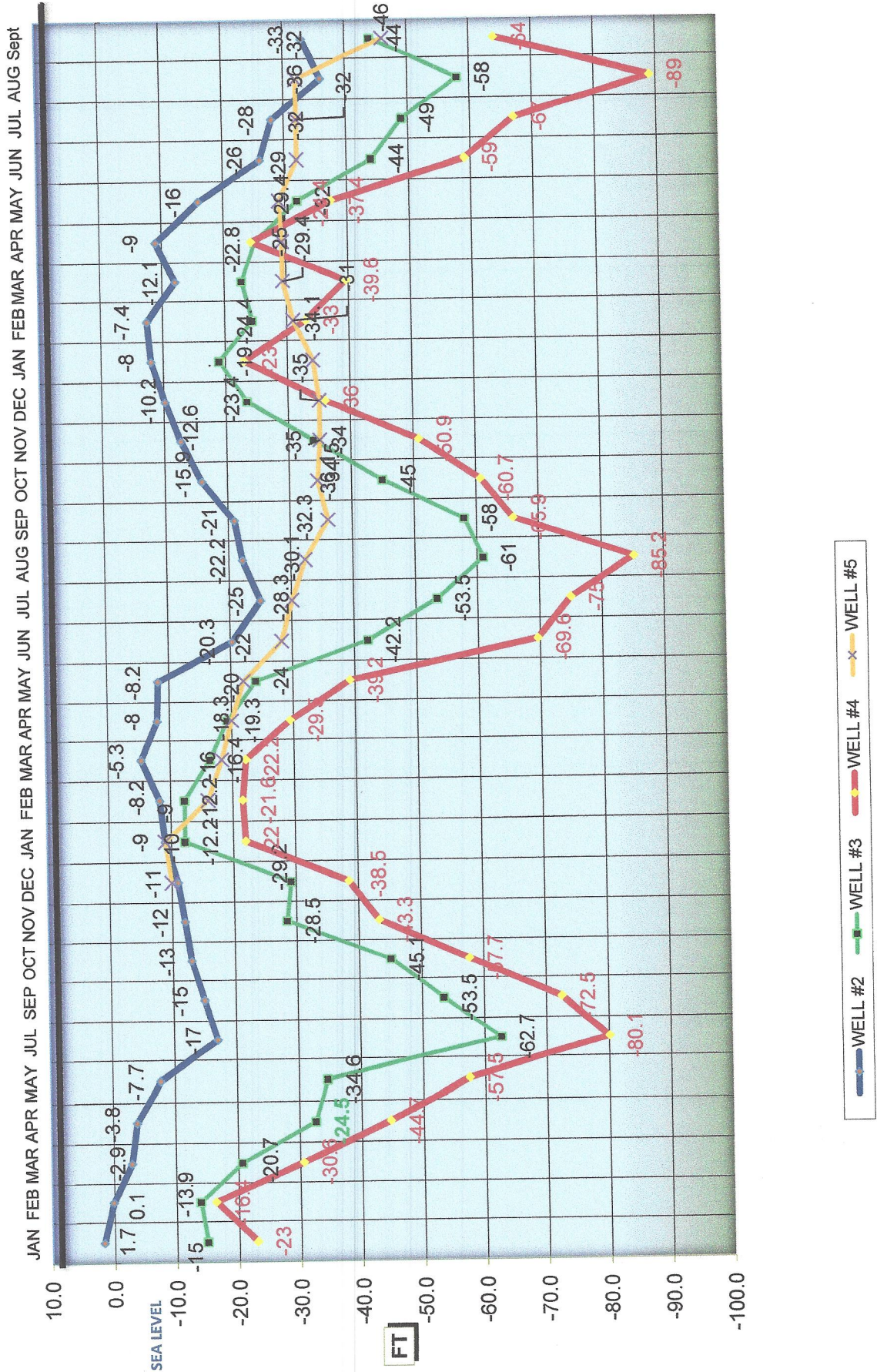








# CASTROVILLE WELL LEVELS 2016-2018





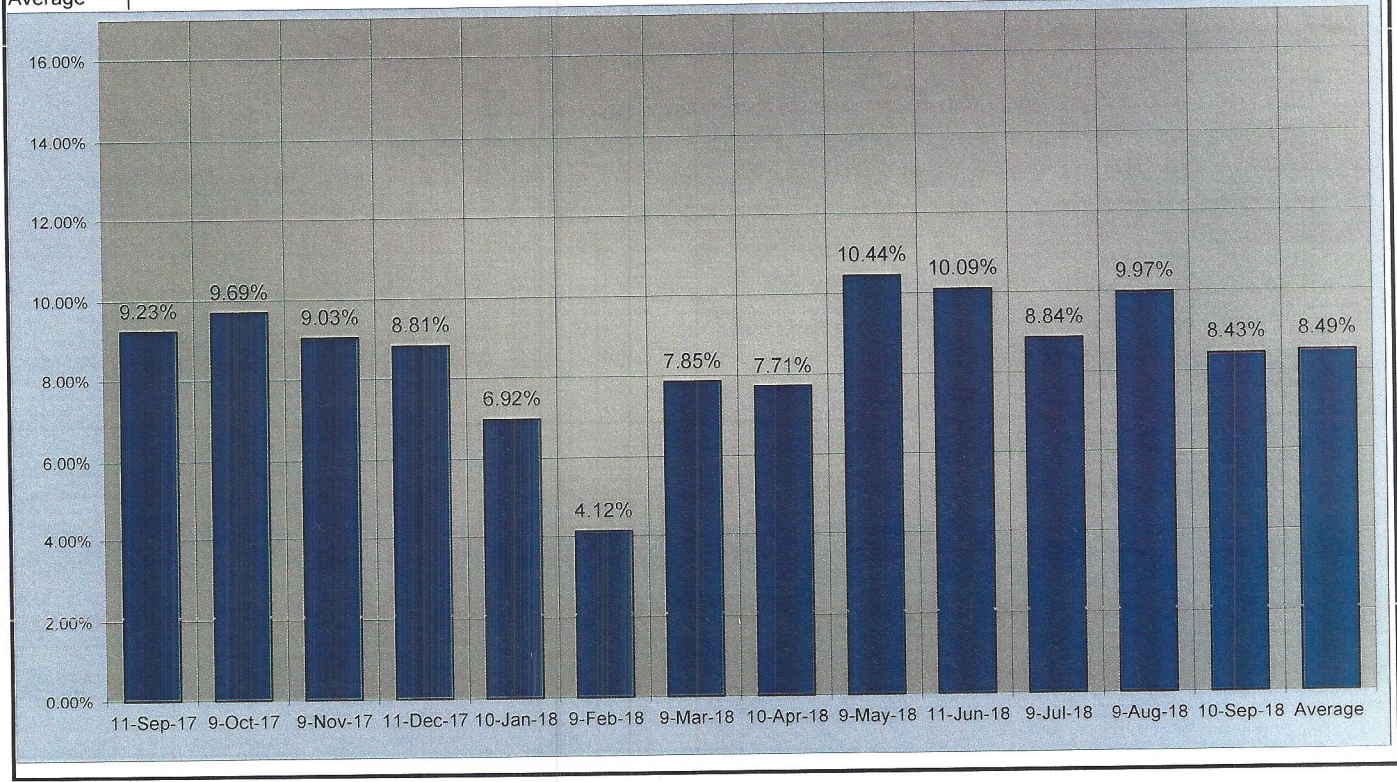


# Castroville Community Services District



## Percent Water Loss Monthly & Yearly

Month	Well #5 Gal.	Site 2 Well Gal.	Site 3 Well Gal.	Site 4 Well Gal.	Totals	Totals	miscellaneous	Unaccounted Water %
					Water Pumped	Water Sold		
11-Sep-17	4800661	6240000	6258000	10544000	27842661	24851522	Hydrant meters 359432 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 30372 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 11600 Jetting 10k. Flushing 4k. Leaks 150k. FD 4k. R.O. & Softner 4K	8.81%
10-Jan-18	3105035	2813000	3226000	5620000	14764035	13610099	Hydrant meters 68830 Jetting 10k. Flushing 5k. Leaks 40k. FD 4k. R.O. & Softner 4K	6.92%
9-Feb-18	3074878	2998000	3140000	7003000	16215878	15343313	Hydrant meters 100103 Jetting & Flushing 12k. Leaks 80k. FD 4k. R.O. & Softner 4K	4.12%
9-Mar-18	2077353	1828000	3004000	8439000	15348353	14018380	Hydrant meters 60273 Jetting soft flushing 10k. Leaks 50k. FD 4k. R.O. & Softner 4K	7.85%
10-Apr-18	3599641	3657000	3629000	7179000	18064641	16374535	Hydrant meters 214500 Jetting & Flushing 12k. Leaks 60k. FD 4k. R.O. & Softner 4K	7.71%
9-May-18	3795112	3908000	4580000	7964000	20247112	17307179	Hydrant meters 301743 Jetting & Flushing 12k. Leaks 500k. FD 4k. R.O. & Softner 4K	10.44%
11-Jun-18	4423961	5483000	1314000	14947000	26167961	23017995	Hydrant meters 471988 Jetting & Flushing 28k. Leaks 1k. FD 4k. R.O. & Softner 4K	10.09%
9-Jul-18	6210082	5652000	3354000	8576000	23792082	21343612	Hydrant meters 324333 Jetting & Flushing 12k. Leaks 0k. FD 4k. R.O. & Softner 4K	8.84%
9-Aug-18	1596286	6294000	7248000	11965000	27103286	23432625	Hydrant meters 344804 Jetting & Flushing 10k. Leaks 523k. FD 4k. R.O. & Softner 4K	9.97%
10-Sep-18	5244836	5796000	5806000	9793000	26639836	23927705	Hydrant meters 344804 Jetting & Flushing 14k. Leaks 100k. FD 4k. R.O. & Softner 4K	8.43%
<b>Average</b>								<b>8.49%</b>







# CASTROVILLE COMMUNITY SERVICES DISTRICT

## OPERATIONS REPORT September 2018

### Emergency calls

6<sup>th</sup> Leak on 11361 Main st. (Roberto on call) work started at 3:00 a.m.  
17<sup>th</sup> Leak on 11328 Del Monte Av.  
18<sup>th</sup> Water Laterals on 11299 and 11161 were abandoned.  
24<sup>th</sup> Leak on 11199 Poole st.

### Maintenance:

- a) Continue to test backflows.
- b) Continue to exercise valves in the distribution system.
- c) Continue to flush the fire hydrants.
- d) Run the stand-by engines at the water plant sites bi-weekly.
- e) Run the stand-by engines at the sewer lift station weekly.
- f) Cosmetic site/station maintenance.
- g) Jetted sewer mains.
- h) Moss Landing Flyers were delivered door by door.

### Work Orders:

- a) 48 Hour notices - 50
- b) Final bill – read meter – 6
- c) Investigate - 1
- d) Miscellaneous - 1
- e) Turn on service - 1
- f) Padlock svc, no tenant - 2
- g) Reconnection - 2
- h) Shut off – 3

**TOTAL WORK ORDERS - 66**



# CASTROVILLE COMMUNITY SERVICES DISTRICT



## CASTROVILLE - ZONE 1 MONTHLY O&M REPORT SEPTEMBER 2018

### ❖ LIFT STATION #5 Del Monte

- ❑ Did pump-down, alarm check, and general inspection
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

### ❖ LIFT STATION #6 @ Sea Garden

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

❖ **LIFT STATION #7 @ Via Linda**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

❖ **JETTING ACTIVITIES**

- ❑ Total jetted approx.4,850 feet

❖ **OTHER MATTERS**

- ❑ Responded to 21 Underground Alert marking requests
- ❑ Submitted no-spill report to SWRCB on 10-10-2018
- ❑ Clean storm drains in May and December 2018

❖ **Improvements/CIP/Suggestions**

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





**Castroville**  
SEPTEMBER 2018 JETTING

9/26/18



# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MORO COJO - ZONE 2 MONTHLY O&M REPORT SEPTEMBER 2018

### ❖ LIFT STATION @ CASTROVILLE BLVD

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018 and cleaned weeded the area

### ❖ LIFT STATION @ COMPO DE CASA

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018



❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #58 to-MH #58.1
- ❑ Jetted sewer lines btwn MH #57 to-MH #58
  
- ❑ Total jetted approx. 632 feet

❖ **OTHER MATTERS**

- ❑ Responded to 4 Underground Alert marking requests
- ❑ Scheduled Street sweeping for November 2018
- ❑ Cleaned and weed-whacked site
- ❑ SWRCB-Reported large spill on 10/10/2018 @ North Monterey High School
- ❑ Performed inspection of all storm drains in April 2018
- ❑ Mowing completed-May 2018

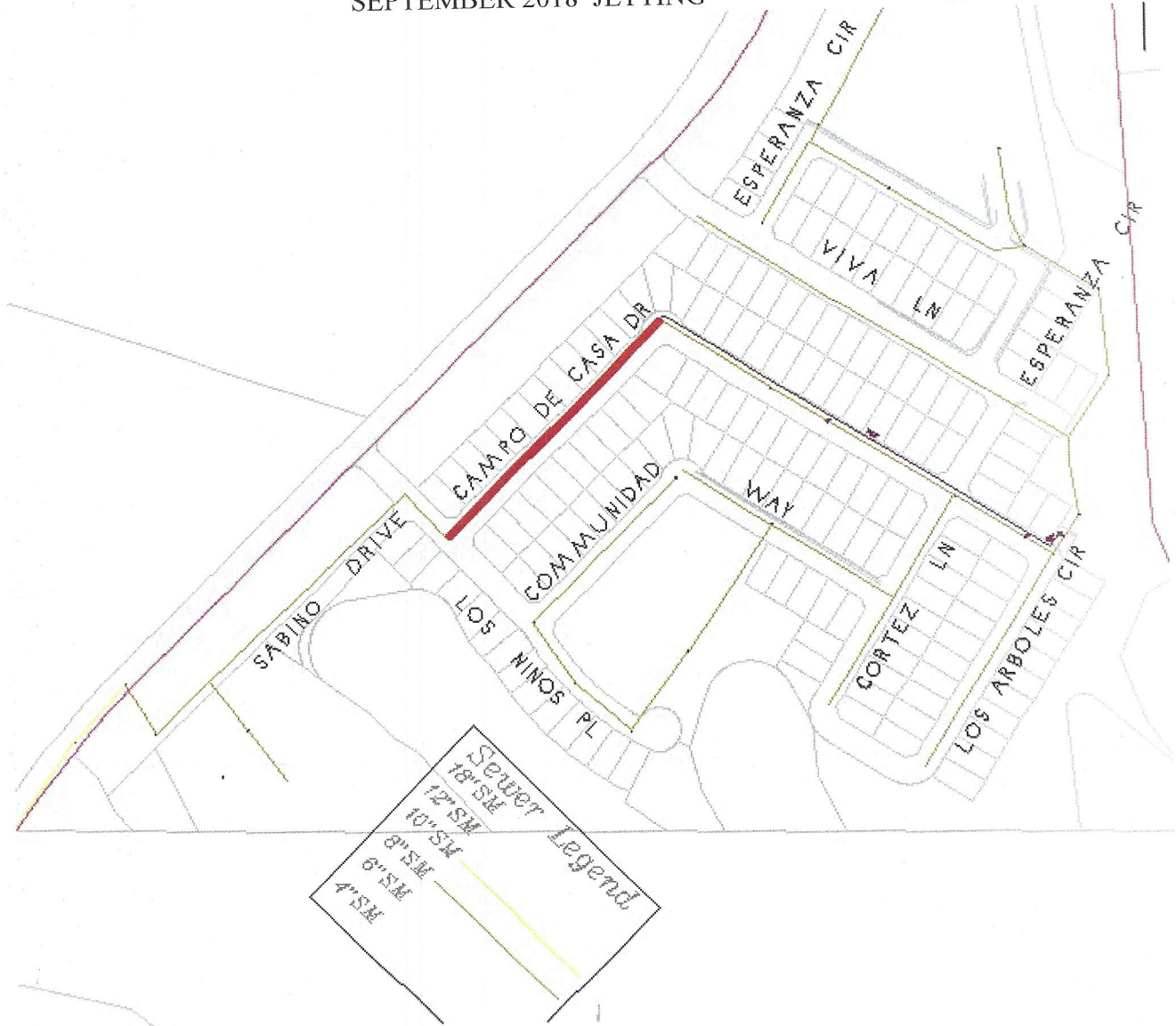
❖ **Improvements/CIP/Suggestions**

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



**Moro Cojo**  
 SEPTEMBER 2018 JETTING

9/26/2018



Activity	Asset	Date	MANHOLES	FEET
Jetted	Sewer Main Campo De Casa3	9/4/2018	MH58>MH58.1	319
Jetted	Sewer Main Campo De Casa4	9/4/2018	MH57>MH58	313
				<b>632</b>



# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MOSS LANDING (ZONE 3) MONTHLY O&M REPORT

**SEPTEMBER 2018**

### ❖ LIFT STATION # 1 (Struve Rd)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

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

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

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

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

❖ **LIFT STATION #4 (Potrero Rd)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/6/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/13/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/19/2018
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 9/27/2018

❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #35 to-MH #34
- ❑ Jetted sewer lines btwn MH #50 to-LT4
- ❑ Jetted sewer lines btwn MH #36 to-MH #35
- ❑ Jetted sewer lines btwn MH #51 to-MH #50
  
- ❑ Total jetted approx. 1173 feet

❖ **OTHER MATTERS**

- ❑ Responded to 7 Underground Alert marking requests
- ❑ Preparing bid documents to replace failing Motor Control Centers (4)
- ❑ Working on grant application for \$2.8 Million for upgrades, replacements and repair of sewer system
- ❑ Performing Bi-annual inspection of grease traps @ various facilities in March and November
- ❑ Emailed notice of "no spill" to CIWQS 10-10-2018
- ❑ Repaired Ballard knocked down @ station #3

❖ **Improvements/CIP/Suggestions**

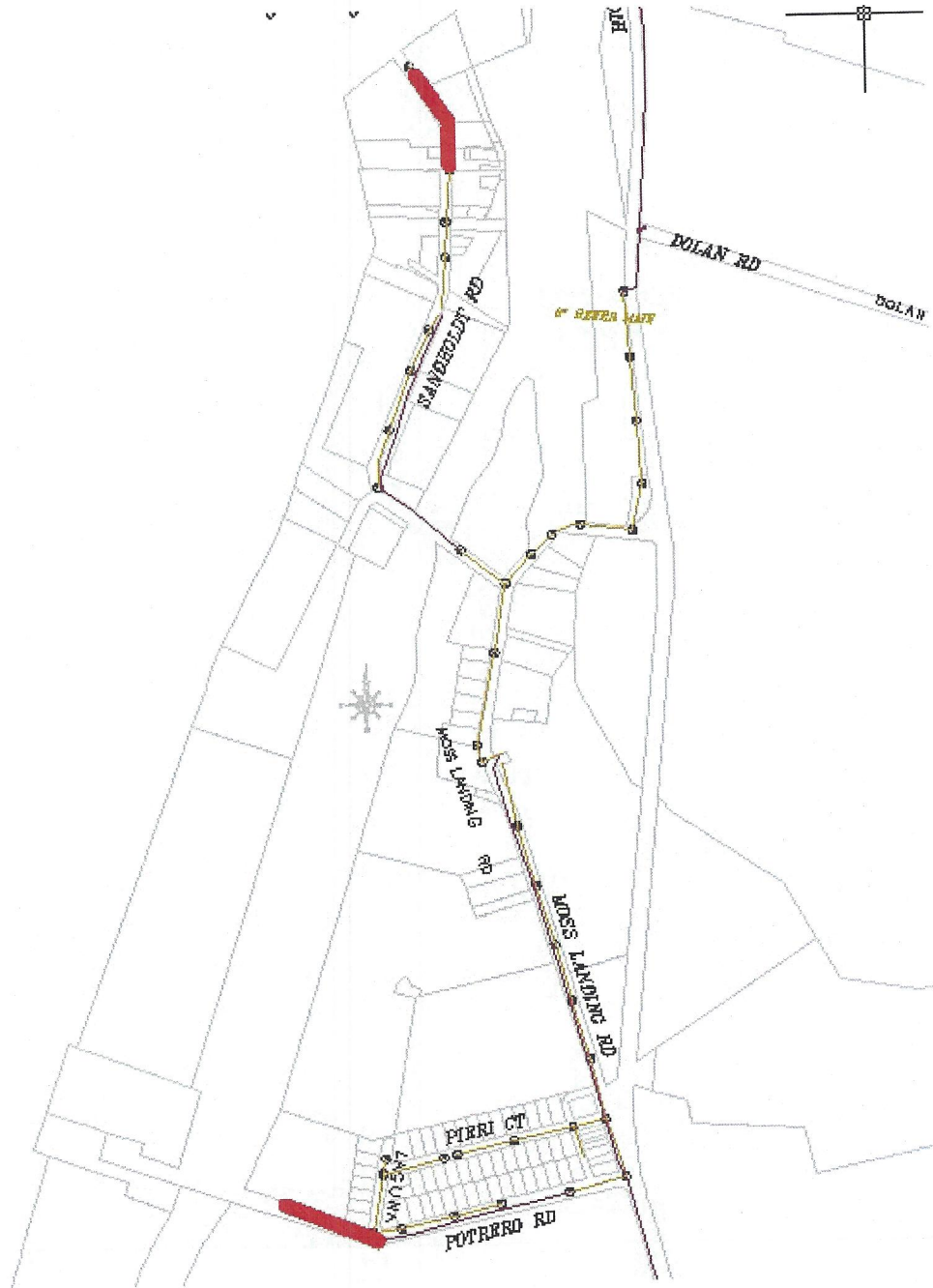
- ❑ Need to recoat or replace 12-15 manholes that internal walls are failing
- ❑ Consider options for Elkhorn Bridge Force Main replacement
- ❑ Schedule pigging of Station #1 & Station #2 force mains





# Moss Landing SEPTEMBER 2018 JETTING

9/26/2018



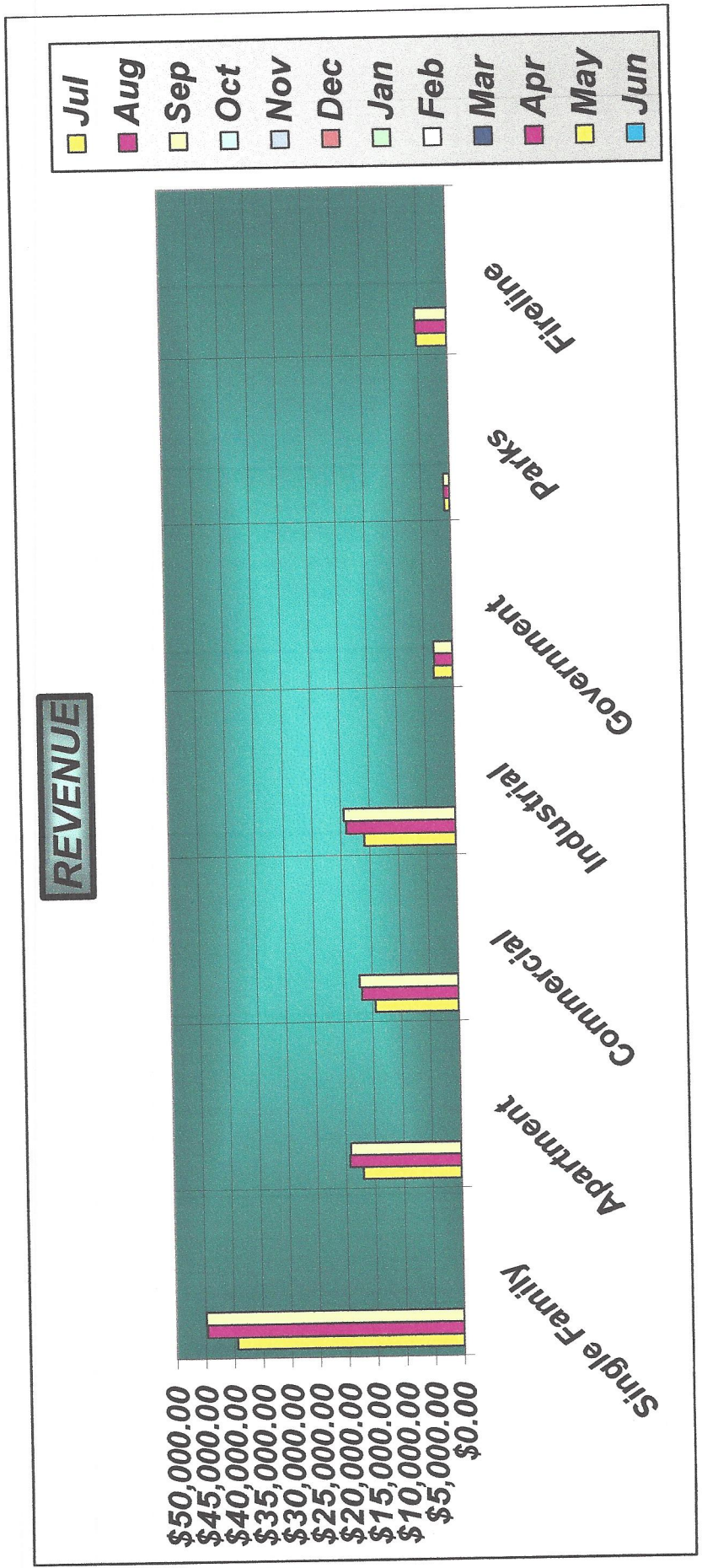
Activity	Asset	Date	MANHOLES	FEET
Jetted	Sewer Main MH35>MH34	9/4/2018	MH35>MH34	350
Jetted	Sewer Main MH36>MH35	9/4/2018	MH36>MH35	350
Jetted	Sewer Main MH50>LT4	9/4/2018	MH50>LT4	230
Jetted	Sewer Main MH51>MH50	9/4/2018	MH51>MH50	243
				<b>1173</b>





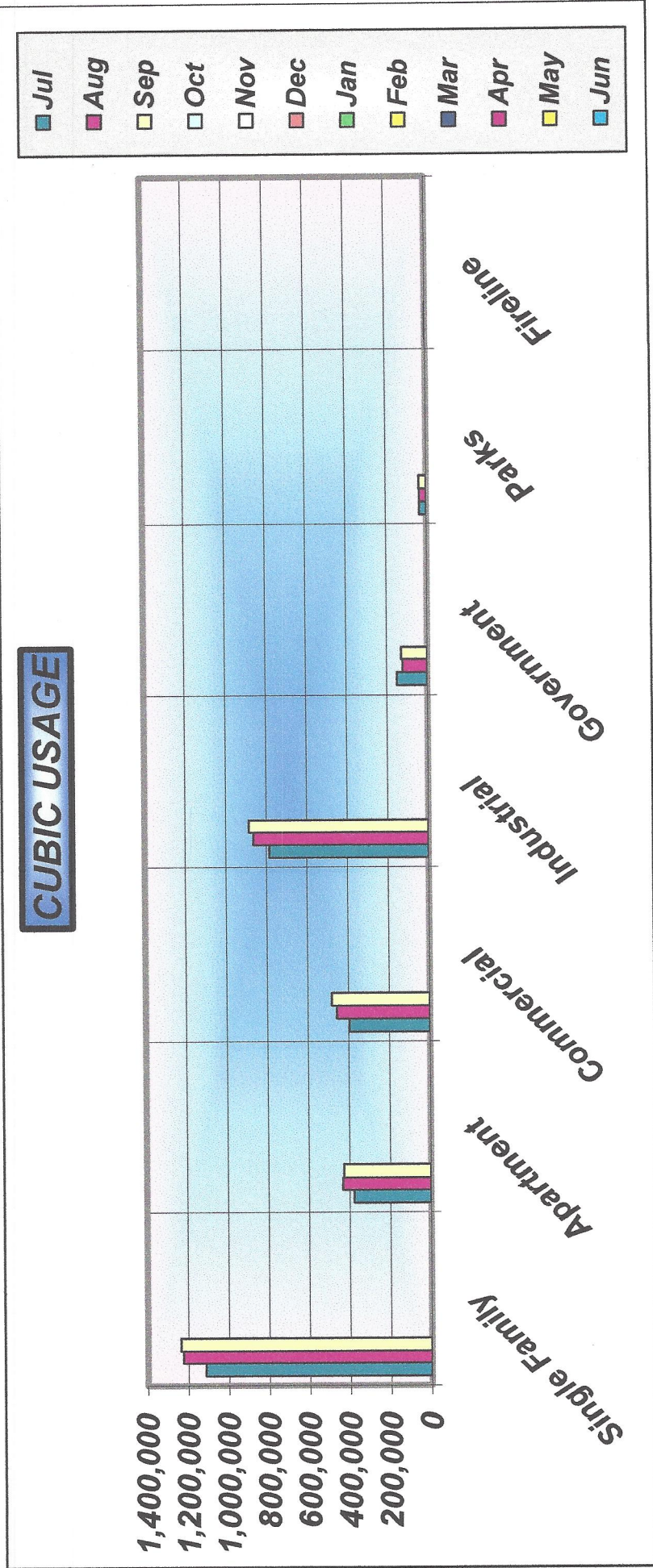
Annual Water Revenue By Classification 2018-2019

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	\$39,452.77	\$17,065.22	\$14,491.17	\$15,948.76	\$3,341.01	\$955.63	\$5,304.85	\$96,559.41
Aug	\$44,682.00	\$19,364.09	\$16,764.09	\$19,013.59	\$3,169.35	\$1,052.94	\$5,552.41	\$109,598.47
Sep	\$44,889.48	\$19,234.10	\$17,211.55	\$19,425.57	\$3,301.56	\$1,096.79	\$5,570.31	\$110,729.36
Oct								
Nov								
Dec								
Jan								
Feb								
Mar								
Apr								
May								
Jun								
<b>Totals</b>	<b>\$129,024.25</b>	<b>\$55,663.41</b>	<b>\$48,466.81</b>	<b>\$54,387.92</b>	<b>\$9,811.92</b>	<b>\$3,105.36</b>	<b>\$16,427.57</b>	<b>\$316,887.24</b>



Annual Water Usage By Classification 2018-2019

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	1,113,076	378,044	396,208	784,612	148,762	32,660	62	2,853,424
Aug	1,224,234	433,898	457,301	862,850	120,897	33,426	98	3,132,704
Sep	1,237,233	428,679	483,053	885,738	128,243	35,862	83	3,198,891
Oct								
Nov								
Dec								
Jan								
Feb								
Mar								
Apr								
May								
Jun								
<b>Totals</b>	<b>3,574,543</b>	<b>1,240,621</b>	<b>1,336,562</b>	<b>2,533,200</b>	<b>397,902</b>	<b>101,948</b>	<b>243</b>	<b>9,185,019</b>







**JOHN CHIANG  
TREASURER  
STATE OF CALIFORNIA**



**PMIA Performance Report**

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
08/30/18	2.02	1.97	186
08/31/18	2.04	1.97	191
09/01/18	2.04	1.97	191
09/02/18	2.04	1.97	191
09/03/18	2.04	1.97	191
09/04/18	2.04	1.97	191
09/05/18	2.04	1.98	189
09/06/18	2.04	1.98	189
09/07/18	2.04	1.98	190
09/08/18	2.04	1.98	190
09/09/18	2.04	1.98	190
09/10/18	2.05	1.98	189
09/11/18	2.05	1.98	189
09/12/18	2.05	1.98	189
09/13/18	2.06	1.98	190
09/14/18	2.07	1.98	190
09/15/18	2.07	1.99	190
09/16/18	2.07	1.99	190
09/17/18	2.07	1.99	187
09/18/18	2.07	1.99	188
09/19/18	2.08	1.99	188
09/20/18	2.08	1.99	188
09/21/18	2.08	1.99	187
09/22/18	2.08	1.99	187
09/23/18	2.08	1.99	187
09/24/18	2.08	2.00	189
09/25/18	2.08	2.00	188
09/26/18	2.09	2.00	190
09/27/18	2.09	2.00	192
09/28/18	2.09	2.00	193
09/29/18	2.09	2.00	193

\*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

**LAIF Performance Report**

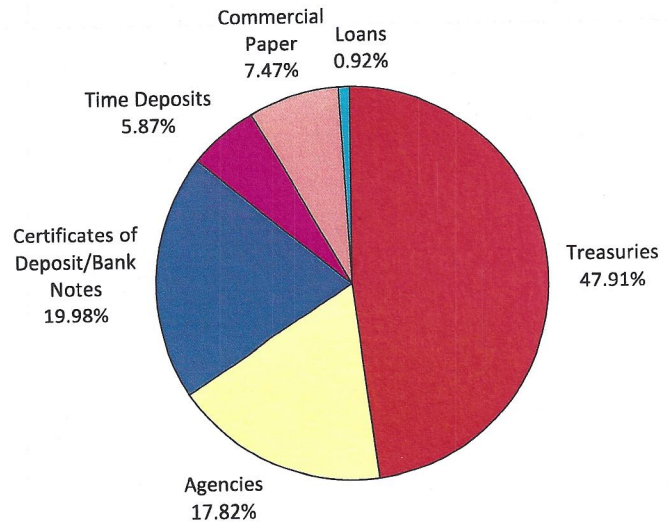
**Quarter Ending 06/30/18**

Apportionment Rate: 1.90%  
 Earnings Ratio: 0.00005216919081336  
 Fair Value Factor: 0.998126869  
 Daily: 1.92%  
 Quarter to Date: 1.76%  
 Average Life: 193

**PMIA Average Monthly Effective Yields**

**Aug 2018 1.998**  
 July 2018 1.944  
 June 2018 1.854

**Pooled Money Investment Account  
Portfolio Composition  
08/31/18  
\$86.2 billion**



Percentages may not total 100%, due to rounding.

**CASTROVILLE COMMUNITY SERVICES DISTRICT  
INTERNAL REPORT**

Receipts, Disbursements, and Bank Balances as of September 28, 2018

Ending balance as of August 31, 2018 \$11,509,002.89

<b>RABOBANK, GENERAL FUND - Revenue and Expenses</b>	
Beginning Balance	217,516.98
Water Receipts	90,830.04
Water-Sewer Miscellaneous Receipts	16,030.50
Interest Earned	3.71
Expenses (Checks Written)	(77,649.24)
Misc. Over-Short	0.08
Bank & NSF Fees	(134.00)
Credit Card Fees	(144.75)
Ending Balance for General Fund	<u>246,453.32</u>
 <b>RABOBANK, CUSTOMER DEPOSIT FUND</b>	
Beginning Balance	64,199.83
New Deposits (opened accounts)	300.00
Interest Earned	0.98
Deposits Returned or Applied to Accounts	(2,280.00)
Ending Balance for Customer Deposit Fund	<u>62,220.81</u>
 <b>LAIF FUND</b>	
Beginning Balance	8,534,120.64
Quarterly Interest Earned	0.00
Ending Balance for LAIF	<u>8,534,120.64</u>
 <b>CAMP FUND</b>	
Beginning Balance Sewer (Zone 1) Capital Improv Account	116,045.57
Monthly Interest Earned	204.27
Ending Balance Camp Federal Security Account	<u>116,249.84</u>
 Beginning Balance Sewer (Zone 1) Reserves Account	 229,577.81
Monthly Interest Earned	404.13
Ending Balance CAMP Federal Security Account	<u>229,981.94</u>
 <b>Cal TRUST-INVESTMENT</b>	
Beginning Balance Sewer (Zone 1) Medium-Term Account	2,347,542.06
Income Distribution	3,851.36
Unrealized GAIN (Loss)	(7,106.58)
Ending Balance Cal TRUST	<u>2,344,286.84</u>
 <b>New Balance as of September 28, 2018 <span style="float: right;"><u>11,533,313.39</u></span></b>	





# Castroville Community Services District

## List of Checks for September 2018

Date	Number	Name	Memo	Amount
<b>General Fund Checking</b>				
9/6/2018	5	CalPERS - Health Benefits	Employees Health Benefits	\$ 11,659.89
9/7/2018	25118	CalPERS - Financial Reporting	GASB 68 Reports	\$ 700.00
9/13/2018	25119	Exxon Mobile	Fuel for Vehicles	\$ 497.45
9/13/2018	25120	ACWA/JPIA	Employees Dental/Vision/EAP	\$ 1,007.07
9/13/2018	25121	All Safe Security Alarm	Replace Sensor	\$ 185.00
9/13/2018	25122	AT&T	Monthly Telephone Service	\$ 298.60
9/13/2018	25123	California Water Service Company	Water Meters in Zone 2 Lift Stations	\$ 34.00
9/13/2018	25124	Carmel Marina Corporation	Bi-Monthly Garbage Disposal Fees	\$ 31.36
9/13/2018	25125	Castroville Tire & Rim	New Tires for Yaris	\$ 287.15
9/13/2018	25126	Continental Utility Solutions, Inc.	Add New E-Bill Module to Software	\$ 1,000.00
9/13/2018	25127	Eudoxio Orozco Jr.	Monthly Cellular Phone Expense	\$ 40.00
9/13/2018	25128	GreatAmerica Financial Services	Monthly Billing Equipment Lease	\$ 688.10
9/13/2018	25129	Gutierrez Consultants	Grant Application Assistance	\$ 651.00
9/13/2018	25130	Jonathan Varela	Monthly Cellular Phone Expense	\$ 40.00
9/13/2018	25131	Praxair Distribution Inc.	Supplies for Well Sites	\$ 297.89
9/13/2018	25132	Principal Life Group	Employees Monthly Life Insurance	\$ 111.06
9/13/2018	25133	Redshift Internet Services	Monthly DSL Service	\$ 69.99
9/13/2018	25134	Ryan Herco Flow Solutions	Legal Fees	\$ 211.10
9/13/2018	25135	SDRMA	Workers Comp Annual Payroll Reco	\$ 546.33
9/13/2018	25136	Shape Inc.	Parts for all Lift Stations	\$ 1,293.00
9/13/2018	25137	U.S. Postal Service (CMRS-FP)	Quarterly Postage for Billing	\$ 2,100.00
9/13/2018	25138	Visa-Eric	Walkie Talkies for Operators	\$ 108.64
		continued	Postage for Shipping Well Site Equip.	\$ 7.90
		continued	Misc. Office Expense	\$ 53.52
9/13/2018	25139	Visa-Lidia	Monthly Web Page	\$ 124.95
		continued	Operators Cellular Phones	\$ 69.04
		continued	ACWA Fall Conference-Ron Stefani	\$ 699.00
9/13/2018	25140	Visa-Roberto	Small Tools	\$ 76.30
		continued	Water-Concrete & Iron Lids	\$ 794.00
	25141-			
9/13/2018	25146	District Employees'	Bi-Weekly Net Payroll	\$ 12,135.07
9/13/2018	25147	VALIC	Bi-Weekly Deferred Comp	\$ 1,415.00
9/13/2018	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 5,520.54
9/13/2018	2	EDD	Bi-Weekly Payroll Taxes	\$ 1,034.26
9/13/2018	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,281.30
9/13/2018	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 1,600.93
9/25/2018	25148	ACWA	Registration Fall Conference-Eric	\$ 699.00
9/25/2018	25149	Adriana Melgoza	9-18-2018 Board Meeting	\$ 100.00
9/25/2018	25150	Airgas NCN	Supplies for Well Sites	\$ 385.96
9/25/2018	25151	Aramark	Operators Uniforms & Mats	\$ 404.14
9/25/2018	25152	Castroville Hardware	Parts & Supplies	\$ 219.44
9/25/2018	25153	Glenn G. Oania	9-18-2018 Board Meeting	\$ 100.00
9/25/2018	25154	Manco	Power Board Kit- Pump Repair & Main	\$ 1,006.62
9/25/2018	25155	MNS Engineers, Inc.	Engineer Fees	\$ 1,110.00
9/25/2018	25156	Monterey Bay Analytical Services	Water Testing Fees	\$ 328.00
9/25/2018	25157	Pacific Gas & Electric	Steel Garage	\$ 19.23
		continued	Lift Stations Zone 1 & 2	\$ 1,059.60
		continued	Lift Stations Zone 3	\$ 912.34

Date	Number	Name	Memo	Amount
9/25/2018	25158	Pinnacle Healthcare	Operator's DMV Physical-CDL	\$ 115.00
9/25/2018	25159	Ronald J. Stefani	9-18-2018 Board Meeting	\$ 100.00
9/25/2018	25160	Silvestre Montejano	9-18-2018 Board Meeting	\$ 100.00
9/25/2018	25161	Thatcher Company	Well Site Supplies	\$ 693.33
	25162	West Valley Construction	Repair Water Service-10180 Merritt	\$ 1,500.00
	25163-			
	25167			
		&		
9/27/2018	25170	District Employees'	Bi-Weekly Net Payroll	\$ 11,548.48
9/27/2018	25168	VALIC	Bi-Weekly Deferred Comp	\$ 1,415.00
9/27/2018	25169	VALIC	Void	\$ -
9/27/2018	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 5,305.36
9/27/2018	2	EDD	Bi-Weekly Payroll Taxes	\$ 976.07
9/27/2018	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,281.30
9/27/2018	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 1,600.93
<b>Total General Fund - Checking</b>				<b>\$ 77,649.24</b>
<b>Customer Deposit Fund</b>				
9/7/2018	3825	Underground Construction	Deposit Refund	\$ 800.00
9/28/2018	3826	Mountain Cascade	Deposit Refund	\$ 36.57
9/28/2018	3827	Jose Luis Murillo	Deposit Refund	\$ 42.16
9/28/2018	3828	Julian Reyes Guzman	Deposit Refund	\$ 11.68
9/28/2018	3829	Vanessa Gonzalez	Deposit Refund	\$ 19.92
9/28/2018	3830	Martina M. Ruelas	Deposit Refund	\$ 12.12
9/28/2018	3831	Castroville CSD	September Closure's	\$ 357.55
<b>Total Customer Deposit Fund</b>				<b>\$ 1,280.00</b>





## Calendar for Year 2018 (United States)

<p><b>January</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> <tr><td>1:○</td><td>8:○</td><td>16:●</td><td>24:○</td><td>31:○</td><td></td><td></td></tr> </table>	Su	Mo	Tu	We	Th	Fr	Sa		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				1:○	8:○	16:●	24:○	31:○			<p><b>February</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td></td><td></td><td></td></tr> <tr><td>7:○</td><td>15:●</td><td>23:○</td><td></td><td></td><td></td><td></td></tr> </table>	Su	Mo	Tu	We	Th	Fr	Sa					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				7:○	15:●	23:○					<p><b>March</b></p> <table border="1"> <tr><th>Su</th><th>Mo</th><th>Tu</th><th>We</th><th>Th</th><th>Fr</th><th>Sa</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1:○</td><td>9:○</td><td>17:●</td><td>24:○</td><td>31:○</td><td></td><td></td></tr> </table>	Su	Mo	Tu	We	Th	Fr	Sa						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							1:○	9:○	17:●	24:○	31:○		
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Holidays:		
<b>Jan 1</b> New Year's Day	<b>Jul 4</b> Independence Day	<b>Nov 12</b> Veterans Day observed
<b>Jan 15</b> Martin Luther King Jr. Day	<b>Sep 3</b> Labor Day	<b>Nov 22</b> Thanksgiving Day
<b>Feb 19</b> Presidents' Day (Most regions)	<b>Oct 8</b> Columbus Day (Most regions)	<b>Dec 25</b> Christmas Day
<b>May 28</b> Memorial Day	<b>Nov 11</b> Veterans Day	



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