



Montara Water and Sanitary District

Serving the Community of Montara and Moss Beach

P.O. Box 370131
8888 Cabrillo Hwy
Montara, CA 94037-0131
t: 650.728.3545 • f: 650.728.8556

To sensitively manage the natural resources entrusted to our care, to provide the people of Montara - Moss Beach with reliable, high – quality water, wastewater, and trash disposal at an equitable price, and to ensure the fiscal and environmental vitality of the district for future generations. Be open to providing other services desired by our community.

NOTICE OF SPECIAL MEETING

AGENDA

District Board of Directors

8888 Cabrillo Highway
Montara, California 94037

September 29, 2016 at 7:30 p.m.

CALL TO ORDER

ROLL CALL

PRESIDENT'S STATEMENT

ORAL COMMENTS (Items other than those on the agenda)

PUBLIC HEARING

CONSENT AGENDA

1. [Approve Minutes for Special Meeting on August 4, 2016, and Minutes for Regular Scheduled Meeting on August 4, 2016.](#)
2. [Approve Financial Statements for August 2016.](#)
3. Approve Warrants for October 1, 2016.
4. [SAM Flow Report for August 2016.](#)
5. [Monthly Review of Current Investment Portfolio.](#)
6. [Connection Permit Applications Received.](#)
7. [Monthly Water Production Report for August 2016.](#)
8. [Rain Report.](#)

9. [Solar Energy Report.](#)
10. [Monthly Public Agency Retirement Service Report for July 2016](#)

OLD BUSINESS

NEW BUSINESS

1. [Review and Possible Action Concerning Adoption of Appropriations Limit for FY 2016-2017](#)
2. [Receive Update on 4th Street Water Main Replacement Project.](#)
3. [Review of InPipe Power Generation – Potential Use of New Technology](#)
4. [Review and Possible Action Concerning Cancellation of Next Regular Scheduled Meetings October 6, and October 20, 2016.](#)

REPORTS

1. Sewer Authority Mid-Coastside Meetings (Boyd)
2. MidCoast Community Council Meeting (Slater-Carter)
3. CSDA Report (Slater-Carter)
4. CCWD, NCCWD Committee Report (Harvey, Huber)
5. Attorney's Report (Schricker)
6. Directors' Reports
7. General Manager's Report (Heldmaier)

FUTURE AGENDAS

CONVENE IN CLOSED SESSION

PUBLIC EMPLOYEE EVALUATION (Gov't. Code §54957)

ADJOURNMENT

The District has a curfew of 11:00 p.m. for all meetings. The meeting may be extended for one hour by vote of the Board.

NOTE: In accordance with the Government Code, members of the public may address the Board on specific agenda items when that matter is discussed by the Board. Any other items of interest that is within the subject matter jurisdiction of the District may be addressed during the Oral Comments portion of the meeting. Upon request, this agenda will be made available in appropriate alternative formats to persons with a disability. Request for a disability-related modification or an accommodation in order to participate in the public meeting should be made at (650) 728-3545. Materials related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available in the District Clerk's office during normal business hours. Such documents may also be available on the District's web site (www.mwsd.montara.org) subject to staff's ability to post the documents before the meeting.



MONTARA WATER & SANITARY
DISTRICT

BOARD OF DIRECTORS SPECIAL MEETING
August 4, 2016

MINUTES

SPECIAL MEETING BEGAN AT 7:04 p.m.

CALL TO ORDER

ROLL CALL

Directors Present: Boyd, Harvey, Wilson and Huber
Director Slater-Carter by teleconference
Directors Absent: None
Staff Present: General Manager, Clemens Heldmaier,
Others Present: District Counsel, Dave Schricker

PRESIDENT'S STATEMENT — None

President Harvey announced that there has been a request to speak on Open Session Item 1.

ORAL COMMENTS ON OPEN SESSION AGENDA ITEM 1

Mr. and Ms. Jeffrey Cockrell, Montara residents at 345 9th Street, addressed the Board regarding open session agenda item 1. Ms. Cockrell stated that on June 1, 2016 she noticed that their sewer system had overflowed into their backyard, noting that, as the result of a prior sewage back-up, their plumber installed a plug in the sewer line "upside down" so that if there were any further back-ups, the sewage would be diverted to the backyard.

She stated that Rescue Rooter responded to their call the next day and estimated that repairs would cost approximately \$250. After observing the

situation, Rescue Rooter quoted the cost at approximately \$1200 due to the need for a larger "snake." That equipment did not solve the problem. At 6 p.m. that night (June 3, 2016), the Cockrells called Montara Water and Sanitary District (MWSD) whose personnel said that the main sewer line was fine, the problem was in the Cockrells' line, and that the District had no responsibility.

In response to President Harvey's question, Ms. Cockrell stated that that discussion occurred on the 3rd of June.

General Manager Heldmaier noted that it was SAM's (Sewer Authority Mid-Coastside) personnel who spoke to the Cockrells.

Mrs. Cockrell continued, stating that the sewage continued to flow and ran into their neighbor's (Bremers') back yard and "bubbled up" onto 8th Street. Eventually Rescue Rooter determined that the Cockrell's sewer lateral was not connected to the main in the street.

Mr. Cockrell distributed a written statement of the facts of their case (copy attached).

Director Slater-Carter requested a brief explanation of the contents of the statement.

Mr. Cockrell introduced himself and reported he spoke with a Board member yesterday about their claim. He stated he understood that their claim will be discussed in closed session and was concerned that it might be denied.

Mr. Cockrell stated that he authorized Rescue Rooter to make the necessary repairs because the sewage continued to flow and that he had been told he had the responsibility to fix the problem. He acknowledged that he had discussed the situation with Mr. Heldmaier who told him that MWSD had a contractor working in the area who might be able to perform the repair work at a lower cost than that quoted to Mr. Cockrell, but the situation needed immediate correction and he could not wait for a cheaper bid.

Mr. Cockrell stated he understood that his claim would be discussed in closed session and that there will be a recommendation to deny it. He expressed concern with that because ultimately it will put him at the mercy of an insurance company. He viewed the problem as MWSD's and that he should be paid immediately for the costs he incurred, since it was MWSD's fault.

Director Wilson stated that he believed the denial of the claim will be a procedural issue and the Board is quite amenable to resolving it, noting that the way the laws of the State work, the District has to comply with the claims procedure and pursue the appropriate insurance company for the repair costs.

Mr. Cockrell noted that the costs exceed \$35,000. He further noted that he doesn't have a problem with the insurance company, but he wants action by the District to make him whole and have the District deal with the insurance company.

Director Slater-Carter requested District Counsel to give his opinion regarding procedural issues.

Director Boyd noted that we have insurance to make sure things like this get paid. Mr. Cockrell stated he understand how the claims procedure works.

Director Huber stated that the Board's intent is for the Cockrells to be made whole but that the District has to work through the claims process and that at the end of the day the goal is to make sure the Cockrells are made whole.

President Harvey requested District Counsel Schricker to respond.

Mr. Cockrell stated that he was not concerned about process, but about the amount that he had to pay for the repairs.

Mr. Schricker noted the District requires payment by the appropriate insurance companies.

Mr. Cockrell interrupted to say that an insurance company had already contacted him and requested documentation of the claim.

Mr. Schricker explained the company will want a statement from the Cockrells and inquired which company had contacted them.

Mr. Cockrell reported "Travelers."

Mr. Schricker stated that he anticipated that there will be more than one insurance company involved, noting that the District's insurer is CSRMA, California Sanitation Risk Management Authority; that the District sent the claim to CSRMA, which in turn tendered it to Travelers Insurance Company, the insurer for the District's contractor, Pacific Trenchless, which has been identified as the responsible party.

Mr. Schricker stated that, from a practical standpoint, if the investigation is as far along as it appears, that is favorable for the Cockrells because the claim is already in the hands of the adjuster for the contractor's insurer.

Mr. Cockrell confirmed that it was the adjuster who called him.

Mr. Schricker noted that processing the claim is moving forward.

President Harvey stated that it appears the process is on its way so that the Cockrell's should not need a lawyer and that the claim should be handled to the Cockrell's satisfaction. He repeated that the District wants to make the Cockrells

whole, but that technically, procedurally, the Board has to say "no." He stated that the process seems to be moving along very quickly.

Mr. Cockrell reported Rescue Rooter has been paid in full.

President Harvey stated he understood that.

Mr. Cockrell added that the insurance adjuster wanted some documents which he faxed immediately, but that when he contacted her later she stated that she had to contact the contractor who worked on the District's project. He further added that when he contacted the contractor (Pacific Trenchless), that company informed him that they had not yet been contacted by the adjuster. Mr. Cockrell stated that he pays his bills and expects others to do the same.

President Harvey noted – "point taken," and thanked the Cockrells for attending the Board's meeting and providing information.

Mr. Cockrell thanked the Board for listening.

President Harvey promised Mr. Cockrell that the District would be in touch with him and requested that the Cockrells confer with the General Manager on this issue.

Mr. Cockrell stated that the General Manager has been very responsive; that he has friends on the Board and intentionally did not speak with them and dealt only with the General Manager until he understood his claim was going to be on the Board's Agenda, at which time he did call a Board Member. Mr. Cockrell thanked the Board for letting him and Mrs. Cockrell speak.

Mrs. Cockrell questioned the Board if they have another issue, "can we address the Board again?"

President Harvey stated that they can always address the Board.

President Harvey called a recess and announced that the Board would convene in closed session following the recess.

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Government Code §54956.9(d))

Name of case: Claim of J. Cockrell

At 7:25 PM the Board convened in closed session for conference with legal counsel regarding existing litigation.

RECONVENE IN OPEN SESSION

At 7:30 PM the Board reconvened in open session.

President Harvey called for consideration of Item 1.

1. Consideration of, and possible action on, claim of Jeffrey Cockrell
(Sewer backup)
Recommended Action: Reject claim

General Manager Heldmaier stated that the staff recommendation is to reject the claim.

Director Boyd noted that there had been a mishap in a resident's sewer line that involved a District project and the Board would like to refer it to the District's insurance company to be able to move quickly on the claim. He stated that it is necessary for the District to take the formal step to reject the claim in order to expedite resolution of the claim.

Director Boyd then moved to reject the claim. Director Wilson seconded the motion.

Roll call – Ayes: Harvey, Boyd, Wilson, Huber, Slater-Carter
Nays: None

ADJOURN

At 7:34 PM President Harvey declared the Special Meeting adjourned.

SPECIAL MEETING ENDED at 7:34 P.M.

Respectfully Submitted,

Signed _____
Secretary

Approved on the 29th day of September 2016

Signed _____
President



Ed Faman
825 Mahter Road
Burlingame, CA 94010
Office: (650)652-1050
Cell: (650) 826-1614
Fax: (650) 652-1051

July 5, 2016

Mr. Jeffrey Cockrell
345 9th St
Montara, CA 94037

Re: Sewer Repair Project

Dear Mr. Cockrell:

On Saturday, 6/4/16 you had a mainline back up leaking raw sewage in your yard, flowing into your neighbor's yard. Our tech could not clear it by conventional means, so we brought in our hie} pressure scour jet in an attempt to clear your line.

After spending most of the day onsite using the'seour jet and camera location equipment, it was determined your sewer line was compromised under the city street, as was evidenced by raw sewage coming up through the street itself.

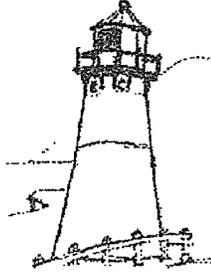
The local sewer district came by and determined they had no responsibility to make any repairs and informed you the responsibility to perform any repairs was yours.

On an emergency basis we proceeded to make the necessary excavations under the county road right of way and your neighbor's property. During this process we discovered your sewer lateral had never been hooked in to the main sewer.

Sincerely

Ed Faman

RESCUE
A R S R O O T E R
S E R V I C E — N E T W O R K U N I T E D B Y E X C E P T I O N A L



MONTARA WATER & SANITARY
DISTRICT

BOARD OF DIRECTORS MEETING
August 4, 2016

MINUTES

REGULAR SESSION BEGAN AT 7:42 p.m.

CALL TO ORDER

Directors Present: Boyd, Harvey, Wilson and Huber
Director Slater-Carter by teleconference
Directors Absent: None
Staff Present: General Manager, Clemens Heldmaier
Others Present: District Counsel, Dave Schricker

PRESIDENT'S STATEMENT — None

ORAL COMMENTS - None

PUBLIC HEARING - None

CONSENT AGENDA

1. Approve Minutes for June 2nd, 2016.
2. Approve Financial Statements for June 2016.
3. Approve Warrants for August 1, 2016.
4. SAM flow Report for June, 2016.
5. Monthly Review of Current Investment Portfolio.
6. Connection Permit Applications Received.
7. Monthly Water Production Report for June 2016.
8. Rain Report.
9. Solar Energy Report.
10. Monthly Public Agency Retirement Service Report for May 2016.

Director Huber noted the SAM Flows seem to be back to where it has been before. Director Huber then asked the SAM Representatives not to lose sight of getting this resolved.

MWSD Minutes
4th August, 2016

Director Wilson moved to approve the Consent Agenda. Director Boyd seconded the motion.

A roll call vote was called for and the motion passed unanimously 5-0.

OLD BUSINESS

1. Review and Possible Action Concerning Grand Jury Report about Sanitary Districts.

General Manager Heldmaier reported on June 29th the San Mateo County Grand Jury (GJ) published a report titled: "San Mateo's Cottage Industry of Sanitary District"

Declared goal of the report is to determine if the 45 County agencies providing sewer service provide efficient and beneficial service. Citing lack of time and resources the GJ focused solely on the 6 special districts in the County.

Following an interesting mix of facts and opinions the GJ recommendations focused on consolidation, transition of property taxes to cities and associated rate increases for the current district beneficiaries (customers of special districts) and some recommendations in regards to Board elections and compensation.

Staff is in the process of preparing a suggested response at this time. The established committee has met and provided additional direction. A draft response is expected to be presented to the Board at the September 1 meeting.

At this time, we are asking each Board member to submit comments or areas of concerns to the Committee (Directors Boyd and Huber) and the General Manager.

Director Boyd noted the committee is going to hit all the points and frame as constructively as possible.

Director Huber noted a lot of the points they made after clarification and corrected for some errors in many instances those points made us look pretty good. For example Directors compensation, we are significantly lower than the other districts are. This sort of trend repeats itself on quite a few points.

NEW BUSINESS

1. Review and Possible Action Concerning Questions Received from Resist Density in Regards to Sierra 1.

General Manager Heldmaier reported at the past two meetings, members of Resist Density posed questions to the Board in Regards to the suggested Sierra 1 project. The Board instructed staff to address the questions in a separate agenda item.

Resist Density Questions are in *italic*.

1. *Is there enough sewer capacity to manage all this?*

Yes for both water and sewer. Per Local Coastal Program LCP policies, MWSD is required to set aside sewer and water capacity for priority uses before serving non priority connections. Table 2.31 of the LCP designates 32,708 gallons for specific developments on designated sites containing affordable housing. Current dry weather flows for MWSD are below 0.25 mgd. Combined flows of 0.28 mgd would be significantly below MWSD's treatment capacity of roughly 0.55 mgd. (Table 2.31 is attached to the minutes.)

MWSD was required to reserve water capacity through the Districts Publics Work Plan process, monitored by the California Coastal Commission and San Mateo County.

2. *Can the existing infrastructure handle a large number of units coming online at once? Who pays for any expansion of infrastructure should it be needed? How will the required sewer service for the new development effect potential blockages and SSO's for existing downhill customers?*

This question will be addressed by the District's sewer engineer once an application has been received. Any needed upgrades will have to be paid in full by the developer. The location of sewer and water connections will also be assessed through the sewer and water engineer. High Capacity sewer and water mains are located in the vicinity of the project.

3. *How will the required water service for the new development effect water pressure, water quality and frequency of outages for existing downhill customers?*

As MWSD system is a gravity fed water system, there will be no effect to water pressure in the relevant zone. While water flows through MWSD mains would slightly increase and potentially benefit water quality, the effects are minimal. No change in water quality is expected. Temporarily shutting off water service to neighboring residents might be a necessity during construction.

4. *How will these risks, if any, be mitigated?*

Risks will be assessed by the District. Mitigation measures, if any, will be implemented and paid for by the developer.

5. *Will sewer and water rates for current customers be effected by the new development?*

Additional water sales and sewer service charges collected from the project could positively affect the rates for other customers in the District.

J.Q. Oeswein, resident of Moss Beach, questioned the treatment capacity of 550,000 gallons per day. When was this number established?

General Manager Heldmaier reported this was when the treatment plant expansion was done about 1998 — 1999.

Lou Wall reported there was 400,000 in the original plan. When we expanded we bought an additional 100,000 gallons.

Director Slater-Carter reported in looking at the LCP, chapter 1, section 1.23 does talk about 40 units and exception for affordable housing. This needs to be read very carefully.

Director Slater-Carter further reported in terms of sewer and water there is no problem. In terms of the number of building permits, this needs to be looked at.

2. Review and Possible Action Concerning 4th Street Water Main Replacement Bid Approval.

General Manager Heldmaier reported the Montara Water and Sanitary District's water main on 4th Street in Montara has experienced many leaks and needed repairs in the recent years. Based on the water main condition and the District's Capital Improvements Program prioritization criteria, the water main needs to be replaced to further promote leak reduction and preserve the District's resources.

Stoloski & Gonzalez of Half Moon Bay, Ca is the lowest responsive and responsible bidder for this Project that was included in the FY 2016/2017 Budget.

Director Wilson moved to adopt the next resolution in order, A Resolution of the Montara Water and Sanitary District Accepting Bid for the 4th Street Water Main Replacement Project; Declaring Lowest Responsible Bidder for Said Work, Rejecting All Other Bids Approving and Authorizing Execution of Agreement For Said Work, and Directing Return of Security Deposits. Director Boyd seconded the motion.

A roll call vote was called for, all were in favor and the motion passed 5 — 0.

3. Review of Planned Montara Creek Diversion Structure Improvements.

General Manager Heldmaier reported the District's surface water source accounts for almost 1/3 of the community water supply. The water intake structure is located in a remote and difficult to reach location. To maintain the structure a climb up a narrow passage through Montara Creek is required. To avoid risks, District staff did not access the site in recent years. Minimal maintenance has been provided by Balance Hydrologic staff during the monthly stream gauging. District staff worked diligently with the District's Safety advisor, ACWA JPIA, and the property owner

GGNRA. Due to the location being an environmental sensitive area significant planning and coordination were required to satisfy both GGNRA process and OSHA safety requirements. Safety ropes will now be replaced with fixed climbing ladders. General Manager Heldmaier thanked Julian Martinez, District Superintendent, for all his hard work on this project.

This if for Board information only.

4. Review and Possible Action Concerning California Special Districts Association 2016 Board Elections.

General Manager Heldmaier reported the annual elections to the California Special Districts Association (CSDA) are being held by mail. The ballot has been provided by CSDA and must be submitted by August 5, 2016. There are six regional divisions each with three Board members elected by those in their division. The position up for election is Seat B in Region 3 which serves the San Francisco Bay Area.

Director Slater-Carter was asked for a recommendation for Seat B in Region 3.

Director Slater-Carter suggested to have someone who is familiar with water and sewer.

The Board will submit the ballot for John Carapiet for Seat A in Region 3.

5. Review and Possible Action Concerning Cancellation of Next Regular Scheduled Meeting, August 18, 2016.

General Manager Heldmaier reports there are no urgent items that require holding the second meeting in August.

REPORTS

1. Sewer Authority Mid-Coastside Meeting (Boyd) — reported Recycled Water Project is moving forward. HMB is needing more information but I think that we are close to something workable.

There will be a meeting with Ocean Colony Partners to see what they are willing to work with. The 3 members of SAM will find a way to move ahead on this.

2. MidCoast Community Council Meeting (Slater-Carter) — reported The Council has been discussing the new ordinance the Board of Supervisors

is considering regarding Air B&B in the unincorporated Coastside.

3. CSDA Report (Slater-Carter) — None

4. CCWD, NCCWD Committee Report — (Harvey, Huber) None

5. Attorney's Report (Schricker) — None

6. Directors Report — None

7. General Manager's Report (Heldmaier) — None

FUTURE AGENDAS-

REGULAR MEETING ENDED at 8:37P.M.

Respectfully Submitted,

Signed _____
Secretary

Approved on the 29th, September 2016

Signed _____
President

TABLE 17
SEWAGE TREATMENT CAPACITY TO BE RESERVED FOR PRIORITY LAND

ALLOCATION OF RESERVED CAPACITY AT PRIORITY LAND USES	MONTARA		SAIMITARY		BUILDOUT	
	Units	Gallons/Day	Units	Gallons/Day	Units	Gallons/Day
Commercial Recreation	.56 acres	840	.82 acres	1,230		
Public Recreation	282 persons	2,820	408 persons	4,080		

Coastal Act Priorities

Marine-Related Industrial

Commercial Recreation

Public Recreation

Local Coastal Program Priorities

Specific Developments on Designated Sites Containing Affordable Housing

(1) North Moss Beach Site (11 acres)

(2) South Moss Beach Site (12.5 acres)

Total Sewage Treatment Capacity for Priority Land Uses

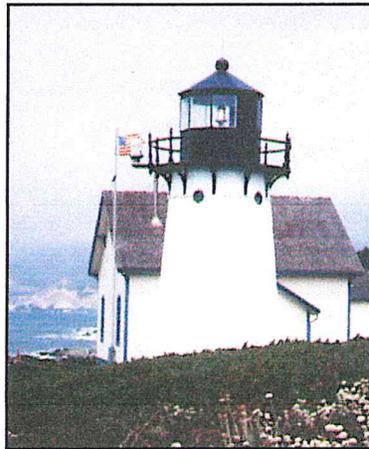
Percent of Total Sewage Treatment Capacity for Priority Land Uses

Percent of Buildout Allowed by Phase

Total Sewage Capacity

36,368
71,740 to 100,210
9.1%
50 to 69%
404,000" 580,000 to 795,000

MONTARA WATER AND SANITARY DISTRICT



**Unaudited Financial Statements for
August
2016**



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: September 29, 2016

TO: BOARD OF DIRECTORS

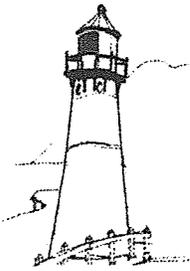
FROM: Clemens H. Heldmaier, General Manager

Budget vs. Actual – Water August, 2016 Variances over \$2,000:

- **Overall Total Operating Income for the period ending August 31, 2016 was \$681 above budget. Total revenue received to date is \$155,176.**
- 5610 Accounting, \$2,500 below Budget - No activity to-date. Budget is spread evenly between twelve months.
- 5620 Audit, \$10,250 below Budget – No activity to-date. Budget is spread evenly between twelve months.
- 6200 Engineering, \$5,357 above Budget – Payment for Water Quality engineering services as well as Program Management expenses.
- 6400 Pumping, \$4,193 below Budget – PG&E expenses were higher than anticipated through August.
- 6600 Collection/Transmission, \$7,267 below Budget – Minimal activity to-date. Budget is spread evenly between twelve months.
- 6700 Treatment, \$3,901 below Budget – Minimal activity to-date. Budget is spread evenly between twelve months.
- **Overall Total Operating Expenses for the period ending August 31, 2016 were \$10,854 below budget.**
- **Total overall Expenses for the period ending August 31, 2016 were \$30,585 below budget. For a net ordinary income of \$31,266, budgeted vs. actual. Actual net ordinary income is \$55,976.**
- 7100 Connection Fees, \$16,333 below Budget – No new connections issued in August.
- 7600 Bond Revenues, G.O. \$95,870 below Budget – County typically remits the first payment in October or November.
- 8000 CIP, \$39,861 below Budget – Minimal activity to-date. Most work has been concentrated on the 4th street project.

RECOMMENDATION:

This is for Board information only



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: September 29, 2016

TO: BOARD OF DIRECTORS

FROM: Clemens H. Heldmaier, General Manager

**SUBJECT: Unaudited Financial Statements – Executive
Summary**

Budget vs. Actual – Sewer August, 2016 Variances over \$2,000:

- **Overall Total Operating Income for the period ending August 31, 2016 was \$2,342 above budget. Total revenue received to date is \$8,008.**
- 5400 Legal, \$2,499 above Budget- Payment for general sewer legal issues paid in August.
- 5610 Accounting, \$2,500 below Budget – No activity to-date. Budget is spread evenly between twelve months.
- 5620 Audit, \$6,500 below Budget – No activity to date. Budget is spread evenly between twelve months.
- 6200 Engineering, \$4,333 below Budget – No activity to-date. Budget is spread evenly between twelve months.
- 6940 & 6950 SAM Maintenance, Collection Sys, \$3,333 below Budget & 6950 SAM Maintenance, Pumping, \$4,167 below Budget (respectively) – No activity to-date. Budget is spread evenly between twelve months.
- **Overall Total Operating Expenses for the period ending August 31, 2016 were \$13,597 below Budget.**
- **Total overall Expenses for the period ending August 31, 2016 were \$24,681 below budget. For a net ordinary income of \$27,023, budgeted vs. actual. Actual net ordinary loss is (\$113,674).**
- 7100 Connection Fees, \$15,324 below Budget – One Remodel connection sold in August, One New Construction connections refund issued in August.
- 8000 CIP, \$145,451 below Budget – Minimal activity to-date.

RECOMMENDATION:

This is for Board information only

Montara Water & Sanitary District Revenue & Expenditures Budget vs. Actual - Water August 2016

	Aug 16	Water Budget		\$ Over Budget
Ordinary Income/Expense				
Income				
4220 · Cell Tower Lease		2,857.29	2,791.67	65.62
4400 · Fees				
4410 · Administrative Fee (New Constr)	974.00	375.00		599.00
4420 · Administrative Fee (Remodel)	0.00	75.00		-75.00
4430 · Inspection Fee (New Constr)	920.00	354.17		565.83
4440 · Inspection Fee (Remodel)	0.00	66.67		-66.67
Total 4400 · Fees	1,894.00		870.84	1,023.16
4740 · Testing, Backflow	0.00		1,083.33	-1,083.33
4810 · Water Sales, Domestic	150,772.37		150,000.00	772.37
4850 · Water Sales Refunds, Customer	-489.56		-250.00	-249.56
4990 · Other Revenue	152.50			
Total Income	155,176.60	154,495.84		680.76
Gross Profit	155,176.60	154,495.84		680.76
Expense				
5000 · Administrative				
5190 · Bank Fees		502.91	833.33	-330.42
5200 · Board of Directors				
5210 · Board Meetings	166.99	250.00		-83.01
5220 · Director Fees	112.50	275.00		-162.50
5230 · Election Expenses	0.00	333.33		-333.33
Total 5200 · Board of Directors	279.49	858.33		-578.84
5240 · CDPH Fees	0.00		1,291.67	-1,291.67
5250 · Conference Attendance	0.00		333.33	-333.33
5270 · Information Systems	126.87		125.00	1.87
5300 · Insurance				
5310 · Fidelity Bond	0.00	41.67		-41.67
5320 · Property & Liability Insurance	0.00	225.00		-225.00
Total 5300 · Insurance		266.67		-266.67
5350 · LAFCO Assessment			208.33	-208.33
5400 · Legal				
5420 · Meeting Attendance, Legal	500.00	708.33		-208.33
5430 · General Legal	4,017.50	5,000.00		-982.50
Total 5400 · Legal	4,517.50	5,708.33		-1,190.83
5510 · Maintenance, Office	391.98	666.67		-274.69
5530 · Memberships	255.00	1,500.00		-1,245.00
5540 · Office Supplies	1,488.06	666.67		821.39
5550 · Postage	570.00	500.00		70.00
5560 · Printing & Publishing	111.36	166.67		-55.31
5600 · Professional Services				
5610 · Accounting	0.00	2,500.00		-2,500.00
5620 · Audit	0.00	10,250.00		-10,250.00
5630 · Consulting	375.00	2,083.33		-1,708.33
5650 · Labor & HR Support	0.00	166.67		-166.67
5660 · Payroll Services	74.94	70.83		4.11
Total 5600 · Professional Services	449.94	15,070.83		-14,620.89

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
August 2016

	Aug 16	Water		\$ Over Budget
		Budget		
5720 · Telephone & Internet	1,732.10	1,416.67		315.43
5730 · Mileage Reimbursement	45.05	166.67		-121.62
5740 · Reference Materials	0.00	66.67		-66.67
5800 · Labor				
5810 · CalPERS 457 Deferred Plan	2,863.96	2,830.83		53.13
5820 · Employee Benefits	5,780.71	5,780.67		0.04
5830 · Disability Insurance	280.45	243.42		37.03
5840 · Payroll Taxes	3,208.58	3,381.17		-172.59
5850 · PARS	2,315.19	2,250.42		64.77
5900 · Wages				
5910 · Management	7,391.76	7,781.08		-389.32
5920 · Staff	31,295.80	29,232.58		2,063.22
5930 · Staff Certification	750.00	750.00		0.00
5940 · Staff Overtime	4,020.68	4,362.75		-342.07
5950 · Staff Standby	2,010.97	2,071.42		-60.45
Total 5900 · Wages	45,469.21	44,197.83		1,271.38
5960 · Worker's Comp Insurance	0.00	1,609.33		-1,609.33
Total 5800 · Labor	59,938.10	60,293.67		-355.57
Total 5000 · Administrative			90,139.51	-19,731.15
6000 · Operations				
6160 · Backflow Prevention	0.00	83.33		-83.33
6170 · Claims, Property Damage	0.00	833.33		-833.33
6180 · Communications				
6185 · SCADA Maintenance	0.00	1,250.00		-1,250.00
6180 · Communications - Other	222.12			
Total 6180 · Communications	222.12		1,250.00	-1,027.88
6195 · Education & Training	1,184.68		500.00	684.68
6200 · Engineering				
6210 · Meeting Attendance, Engineering	0.00	166.67		-166.67
6220 · General Engineering	165.00	1,666.67		-1,501.67
6230 · Water Quality Engineering	12,442.37	5,416.67		7,025.70
Total 6200 · Engineering	12,607.37		7,250.01	5,357.36
6320 · Equipment & Tools, Expensed	16.99		416.67	-399.68
6330 · Facilities				
6335 · Alarm Services	127.02	62.50		64.52
6337 · Landscaping	420.00	500.00		-80.00
Total 6330 · Facilities	547.02		562.50	-15.48
6370 · Lab Supplies & Equipment			83.33	-83.33
6400 · Pumping				
6410 · Pumping Fuel & Electricity	5,182.01	8,333.33		-3,151.32
6420 · Pumping Maintenance, Generators	0.00	666.67		-666.67
6430 · Pumping Maintenance, General	0.00	208.33		-208.33
6440 · Pumping Equipment, Expensed	0.00	166.67		-166.67
Total 6400 · Pumping	5,182.01		9,375.00	-4,192.99

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
August 2016

	Aug 16	Water Budget	\$ Over Budget
6500 · Supply			
6510 · Maintenance, Raw Water Mains	6,028.60		
6520 · Maintenance, Wells	89.73	833.33	-743.60
6530 · Water Purchases	0.00	3,333.33	-3,333.33
Total 6500 · Supply	6,118.33	4,166.66	1,951.67
6600 · Collection/Transmission			
6610 · Hydrants	0.00	83.33	-83.33
6620 · Maintenance, Water Mains	255.19	4,583.33	-4,328.14
6630 · Maintenance, Water Svc Lines	0.00	2,083.33	-2,083.33
6640 · Maintenance, Tanks	2.78	83.33	-80.55
6650 · Maint., Distribution General	349.24	833.33	-484.09
6670 · Meters	0.00	208.33	-208.33
Total 6600 · Collection/Transmission	607.21	7,874.98	-7,267.77
6700 · Treatment			
6710 · Chemicals & Filtering	388.92	2,500.00	-2,111.08
6720 · Maintenance, Treatment Equip.	0.00	333.33	-333.33
6730 · Treatment Analysis	1,043.42	2,500.00	-1,456.58
Total 6700 · Treatment	1,432.34	5,333.33	-3,900.99
6770 · Uniforms	65.39	750.00	-684.61
6800 · Vehicles			
6810 · Fuel	598.21	666.67	-68.46
6820 · Truck Equipment, Expensed	104.06	83.33	20.73
6830 · Truck Repairs	0.00	416.67	-416.67
Total 6800 · Vehicles	702.27	1,166.67	-464.40
6890 · Other Operations	105.94		
Total 6000 · Operations	28,791.67	39,645.81	-10,854.14
Total Expense	99,200.03	129,785.32	-30,585.29
Net Ordinary Income	55,976.57	24,710.52	31,266.05
Other Income/Expense			
7000 · Capital Account Revenues			
7100 · Connection Fees			
7110 · Connection Fees (New Constr)	0.00	10,666.67	-10,666.67
7120 · Connection Fees (Remodal)	0.00	250.00	-250.00
7130 · Conn. Fees, PFP (New Constr)	0.00	5,416.67	-5,416.67
Total 7100 · Connection Fees	0.00	16,333.34	-16,333.34
7600 · Bond Revenues, G.O.	0.00	95,869.67	-95,869.67
Total 7000 · Capital Account Revenues	0.00	112,203.01	-112,203.01
Total Other Income	0.00	112,203.01	-112,203.01
Other Expense			
8000 · Capital Improvement Program			
8100 · Water	11,722.12	51,583.33	-39,861.21
Total 8000 · Capital Improvement Program	11,722.12	51,583.33	-39,861.21

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
 August 2016

	Aug 16	Water Budget	\$ Over Budget
9000 - Capital Account Expenses			
9075 - PFP Connection Expenses	25,111.00		
9100 - Interest Expense - GO Bonds	149,655.02		
9125 - PNC Equipment Lease Interest	1,672.69	1,672.69	0.00
Total 9000 - Capital Account Expenses	176,438.71	1,672.69	174,766.02
Total Other Expense	188,160.83	53,256.02	134,904.81
Net Other Income	-188,160.83	58,946.99	-247,107.82
Net Income	-132,184.26	83,657.51	-215,841.77

Montara Water & Sanitary District Revenue & Expenditures Budget vs. Actual - Sewer August 2016

	Aug 16	Sewer Budget	\$ Over Budget	
Ordinary Income/Expense				
Income				
4220 · Cell Tower Lease	2,857.30			
4400 · Fees		2,791.67		65.63
4410 · Administrative Fee (New Constr)	487.00	250.00	237.00	
4420 · Administrative Fee (Remodel)	487.00	125.00	362.00	
4430 · Inspection Fee (New Constr)	460.00	208.33	251.67	
4440 · Inspection Fee (Remodel)	460.00	291.67	168.33	
4460 · Remodel Fees	682.00	583.33	98.67	
Total 4400 · Fees	2,576.00	1,458.33		1,117.67
4720 · Sewer Service Refunds, Customer	0.00	-333.33		333.33
4760 · Waste Collection Revenues	2,571.11	1,750.00		821.11
4990 · Other Revenue	4.01			
Total Income	8,008.42	5,666.67		2,341.75
Gross Profit	8,008.42	5,666.67		2,341.75
Expense				
5000 · Administrative				
5190 · Bank Fees	350.36	458.33	-107.97	
5200 · Board of Directors				
5210 · Board Meetings	167.00	250.00	-83.00	
5220 · Director Fees	112.50	275.00	-162.50	
5230 · Election Expenses	0.00	333.33	-333.33	
Total 5200 · Board of Directors	279.50	858.33	-578.83	
5250 · Conference Attendance	0.00	166.67	-166.67	
5270 · Information Systems	126.87	500.00	-373.13	
5300 · Insurance				
5310 · Fidelity Bond	0.00	41.67	-41.67	
5320 · Property & Liability Insurance	0.00	141.67	-141.67	
Total 5300 · Insurance	0.00	183.34	-183.34	
5350 · LAFCO Assessment	0.00	166.67	-166.67	
5400 · Legal				
5420 · Meeting Attendance, Legal	500.00	791.67	-291.67	
5430 · General Legal	4,457.50	1,666.67	2,790.83	
Total 5400 · Legal	4,957.50	2,458.34	2,499.16	
5510 · Maintenance, Office	391.98	666.67	-274.69	
5540 · Office Supplies	1,488.07	666.67	821.40	
5550 · Postage	100.00	208.33	-108.33	
5560 · Printing & Publishing	37.91	250.00	-212.09	
5600 · Professional Services				
5610 · Accounting	0.00	2,500.00	-2,500.00	
5620 · Audit	0.00	6,500.00	-6,500.00	
5630 · Consulting	375.00	2,333.33	-1,958.33	
5640 · Data Services	0.00	500.00	-500.00	
5650 · Labor & HR Support	0.00	187.50	-187.50	
5660 · Payroll Services	74.95	66.67	8.28	
Total 5600 · Professional Services	449.95	12,087.50	-11,637.55	

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
August 2016

	Aug 16	Sewer Budget	\$ Over Budget
5710 · San Mateo Co. Tax Roll Charges	0.00	208.33	-208.33
5720 · Telephone & Internet	1,347.12	916.67	430.45
5730 · Mileage Reimbursement	0.00	125.00	-125.00
5740 · Reference Materials	0.00	16.67	-16.67
5800 · Labor			
5810 · CalPERS 457 Deferred Plan	1,254.27	1,259.75	-5.48
5820 · Employee Benefits	2,865.14	2,865.17	-0.03
5830 · Disability Insurance	113.37	123.25	-9.88
5840 · Payroll Taxes	1,101.00	1,376.75	-275.75
5850 · PARS	1,144.84	1,147.33	-2.49
5900 · Wages			
5910 · Management	7,391.78	7,781.08	-389.30
5920 · Staff	10,221.20	9,870.33	350.87
5930 · Staff Certification	150.00	150.00	0.00
5940 · Staff Overtime	155.35	194.92	-39.57
5950 · Staff Standby	0.00		
Total 5900 · Wages	17,918.33	17,996.33	-78.00
5960 · Worker's Comp Insurance	0.00	304.08	-304.08
Total 5800 · Labor	24,396.95	25,072.66	-675.71
Total 5000 · Administrative	33,926.21	45,010.18	-11,083.97
6000 · Operations			
6170 · Claims, Property Damage	0.00	833.33	-833.33
6195 · Education & Training	0.00	83.33	-83.33
6200 · Engineering			
6210 · Meeting Attendance, Engineering	0.00	166.67	-166.67
6220 · General Engineering	0.00	4,166.67	-4,166.67
Total 6200 · Engineering	0.00	4,333.34	-4,333.34
6320 · Equipment & Tools, Expensed			
6330 · Facilities	0.00	83.33	-83.33
6335 · Alarm Services	518.82	445.00	73.82
6337 · Landscaping	190.00	200.00	-10.00
Total 6330 · Facilities	708.82	645.00	63.82
6400 · Pumping			
6410 · Pumping Fuel & Electricity	2,368.80	2,250.00	118.80
Total 6400 · Pumping	2,368.80	2,250.00	118.80
6600 · Collection/Transmission			
6660 · Maintenance, Collection System	0.00	833.33	-833.33
Total 6600 · Collection/Transmission	0.00	833.33	-833.33
6800 · Vehicles			
6810 · Fuel	0.00	66.67	-66.67
6820 · Truck Equipment, Expensed	0.00	13.33	-13.33
6830 · Truck Repairs	0.00	33.33	-33.33
Total 6800 · Vehicles	0.00	113.33	-113.33

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
August 2016

	Aug 16	Sewer Budget	\$ Over Budget
6900 · Sewer Authority Midcoastside			
6910 · SAM Collections	26,800.67	26,800.67	0.00
6920 · SAM Operations	57,877.58	57,877.58	0.00
6940 · SAM Maintenance, Collection Sys	0.00	3,333.33	-3,333.33
6950 · SAM Maintenance, Pumping	0.00	4,166.67	-4,166.67
Total 6900 · Sewer Authority Midcoastside	84,678.25	92,178.25	-7,500.00
Total 6000 · Operations	87,755.87	101,353.24	-13,597.37
Total Expense	121,682.08	146,363.42	-24,681.34
Net Ordinary Income	-113,673.66	-140,696.75	27,023.09
Other Income/Expense			
Other Income			
7000 · Capital Account Revenues			
7100 · Connection Fees			
7110 · Connection Fees (New Constr)	-433.57	11,688.00	-12,121.57
7120 · Connection Fees (Remodel)	963.80	4,166.67	-3,202.87
Total 7100 · Connection Fees	530.23	15,854.67	-15,324.44
Total 7000 · Capital Account Revenues	530.23	15,854.67	-15,324.44
Total Other Income	530.23	15,854.67	-15,324.44
Other Expense			
8000 · Capital Improvement Program			
8075 · Sewer	28.01	145,479.17	-145,451.16
Total 8000 · Capital Improvement Program	28.01	145,479.17	-145,451.16
9000 · Capital Account Expenses			
9125 · PNC Equipment Lease Interest	1,672.69	1,672.69	0.00
9175 · Capital Assessment - SAM	12,809.17	12,809.17	0.00
Total 9000 · Capital Account Expenses	14,481.86	14,481.86	0.00
Total Other Expense	14,509.87	159,961.03	-145,451.16
Net Other Income	-13,979.64	-144,106.36	130,126.72
Net Income	-127,653.30	-284,803.11	157,149.81

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 Accrual Basis

Montara Water & Sanitary District
Funds Balance Sheet
 As of August 31, 2016

	Sewer	Water	TOTAL
ASSETS			
Current Assets			
Checking/Savings			
Sewer - Bank Accounts			
Wells Fargo Operating - Sewer	3,075,524.30	0.00	3,075,524.30
LAIF Investment Fund			
Capital Reserve	3,853,967.15	0.00	3,853,967.15
Connection Fees Reserve	152,756.00	0.00	152,756.00
Operating Reserve	281,893.00	0.00	281,893.00
Total LAIF Investment Fund	4,288,616.15	0.00	4,288,616.15
Total Sewer - Bank Accounts	7,364,140.45	0.00	7,364,140.45
Water - Bank Accounts			
Wells Fargo Operating - Water	0.00	618,197.47	618,197.47
Capital Reserve	0.00	398,249.00	398,249.00
Operating Reserve	0.00	190,251.00	190,251.00
Restricted Cash			
Acq & Improv Fund	0.00	436.13	436.13
Connection Fees Reserve	0.00	157,000.00	157,000.00
Cost of Issuance	0.00	122.94	122.94
GO Bonds Fund	0.00	796,526.91	796,526.91
Total Restricted Cash	0.00	954,085.98	954,085.98
Total Water - Bank Accounts	0.00	2,160,783.45	2,160,783.45
Total Checking/Savings	7,364,140.45	2,160,783.45	9,524,923.90
Accounts Receivable			
Sewer - Accounts Receivable			
Accounts Receivable	10,550.72	0.00	10,550.72
Total Sewer - Accounts Receivable	10,550.72	0.00	10,550.72
Water - Accounts Receivable			
Accounts Receivable	0.00	569.74	569.74
Accounts Rec. - Backflow	0.00	8,969.19	8,969.19
Accounts Rec. - Water Residents	0.00	88,645.61	88,645.61
Unbilled Water Receivables	0.00	222,714.27	222,714.27
Total Water - Accounts Receivable	0.00	320,898.81	320,898.81
Total Accounts Receivable	10,550.72	320,898.81	331,449.53
Other Current Assets			
Maint/Parts Inventory	0.00	42,656.32	42,656.32
Total Other Current Assets	0.00	42,656.32	42,656.32
Total Current Assets	7,374,691.17	2,524,338.58	9,899,029.75
Fixed Assets			
Sewer - Fixed Assets			
General Plant	2,335,210.98	0.00	2,335,210.98
Land	5,000.00	0.00	5,000.00
Other Capital Improv.			
Sewer-Original Cost	685,599.18	0.00	685,599.18
Other Cap. Improv.	2,564,810.39	0.00	2,564,810.39
Total Other Capital Improv.	3,250,409.57	0.00	3,250,409.57
Seal Cove Collection System	995,505.00	0.00	995,505.00
Sewage Collection Facility			
Collection Facility - Org. Cost	1,349,064.00	0.00	1,349,064.00
Collection Facility - Other	3,991,243.33	0.00	3,991,243.33
Total Sewage Collection Facility	5,340,307.33	0.00	5,340,307.33

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Accrual Basis

Montara Water & Sanitary District Funds Balance Sheet As of August 31, 2016

Treatment Facility	244,539.84	0.00	244,539.84
Accumulated Depreciation	-7,394,155.00	0.00	-7,394,155.00
Total Sewer - Fixed Assets	4,776,817.72	0.00	4,776,817.72
Water - Fixed Assets			
General Plant	0.00	25,889,935.10	25,889,935.10
Land & Easements	0.00	734,500.00	734,500.00
Surface Water Rights	0.00	300,000.00	300,000.00
Water Meters	0.00	1,058,985.00	1,058,985.00
Fixed Assets - Other	0.00	48,171.78	48,171.78
Accumulated Depreciation	0.00	-8,896,821.00	-8,896,821.00
Total Water - Fixed Assets	0.00	19,134,770.88	19,134,770.88
Total Fixed Assets	4,776,817.72	19,134,770.88	23,911,588.60
Other Assets			
Sewer - Other Assets			
Joint Power Authority			
SAM - Orig Collection Facility	981,592.00	0.00	981,592.00
SAM - Expansion	1,705,955.08	0.00	1,705,955.08
Total Joint Power Authority	2,687,547.08	0.00	2,687,547.08
Total Sewer - Other Assets	2,687,547.08	0.00	2,687,547.08
Water - Other Assets			
Due from Sewer	0.00	146,418.50	146,418.50
Bond Acquisition Cost OID	0.00	57,636.40	57,636.40
Bond Issue Cost	0.00	61,691.45	61,691.45
Total Water - Other Assets	0.00	265,746.35	265,746.35
Total Other Assets	2,687,547.08	265,746.35	2,953,293.43
TOTAL ASSETS	<u>14,839,055.97</u>	<u>21,924,855.81</u>	<u>36,763,911.78</u>
LIABILITIES & EQUITY			
Liabilities			
Current Liabilities			
Accounts Payable			
Accounts Payable - Sewer	8,366.50	0.00	8,366.50
Accounts Payable - Water	0.00	12,849.49	12,849.49
Total Accounts Payable	8,366.50	12,849.49	21,215.99
Other Current Liabilities			
Sewer - Current Liabilities			
Accrued Payables - Sewer	-75.00	0.00	-75.00
Accrued Vacations	6,911.83	0.00	6,911.83
Deposits Payable	12,692.00	0.00	12,692.00
Interest Payable	11,514.40	0.00	11,514.40
PNC Equip. Loan - S/T	35,905.60	0.00	35,905.60
Total Sewer - Current Liabilities	66,948.83	0.00	66,948.83
Water - Current Liabilities			
Accrued Payables - Water	0.00	978.90	978.90
Accrued Vacations	0.00	10,719.62	10,719.62
Deposits Payable	0.00	9,687.35	9,687.35
GO Bonds - S/T	0.00	429,138.70	429,138.70
Interest Payable	0.00	125,552.90	125,552.90
PFP Water Deposits	0.00	4,302.50	4,302.50
PNC Equip. Loan - S/T	0.00	35,905.59	35,905.59
SRF Loan Payable X102 - Current	0.00	81,026.93	81,026.93
SRF Loan Payable X109 - Current	0.00	158,287.99	158,287.99
Total Water - Current Liabilities	0.00	855,600.48	855,600.48

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 Accrual Basis

Montara Water & Sanitary District
Funds Balance Sheet
 As of August 31, 2016

Payroll Liabilities			
Employee Benefits Payable	3,514.99	8,573.91	12,088.90
Total Payroll Liabilities	<u>3,514.99</u>	<u>8,573.91</u>	<u>12,088.90</u>
Total Other Current Liabilities	<u>70,463.82</u>	<u>864,174.39</u>	<u>934,638.21</u>
Total Current Liabilities	78,830.32	877,023.88	955,854.20
Long Term Liabilities			
Sewer - Long Term Liabilities			
Due to Water Fund	146,418.50	0.00	146,418.50
Accrued Vacations	9,853.51	0.00	9,853.51
I-Bank Loan	812,574.49	0.00	812,574.49
PNC Equip. Loan - L/T	640,930.10	0.00	640,930.10
Total Sewer - Long Term Liabilities	<u>1,609,776.60</u>	<u>0.00</u>	<u>1,609,776.60</u>
Water - Long Term Liabilities			
Accrued Vacations	0.00	9,969.14	9,969.14
Deferred on Refunding	0.00	-224,756.00	-224,756.00
GO Bonds - L/T	0.00	11,479,503.08	11,479,503.08
PNC Equip. Loan - L/T	0.00	640,930.13	640,930.13
SRF Loan Payable - X102	0.00	210,105.41	210,105.41
SRF Loan Payable - X109	0.00	3,541,174.66	3,541,174.66
Total Water - Long Term Liabilities	<u>0.00</u>	<u>15,656,926.42</u>	<u>15,656,926.42</u>
Total Long Term Liabilities	<u>1,609,776.60</u>	<u>15,656,926.42</u>	<u>17,266,703.02</u>
Total Liabilities	1,688,606.92	16,533,950.30	18,222,557.22
Equity			
Sewer - Equity Accounts			
Capital Assets Net	3,408,252.20	0.00	3,408,252.20
Fund Balance - Unrestricted	8,646,292.87	0.00	8,646,292.87
Retained Earnings	25,577.76	0.00	25,577.76
Total Sewer - Equity Accounts	<u>12,080,122.83</u>	<u>0.00</u>	<u>12,080,122.83</u>
Water - Equity Accounts			
Capital Assets Net	0.00	2,868,858.70	2,868,858.70
Restricted Debt Service	0.00	1,384,997.90	1,384,997.90
Unrestricted	0.00	-1,562,801.59	-1,562,801.59
Retained Earnings	0.00	-25,577.76	-25,577.76
Total Water - Equity Accounts	<u>0.00</u>	<u>2,665,477.25</u>	<u>2,665,477.25</u>
Equity Adjustment Account	1,339,756.28	2,767,036.13	4,106,792.41
Net Income	<u>-269,430.06</u>	<u>-41,607.87</u>	<u>-311,037.93</u>
Total Equity	13,150,449.05	5,390,905.51	18,541,354.56
TOTAL LIABILITIES & EQUITY	<u><u>14,839,055.97</u></u>	<u><u>21,924,855.81</u></u>	<u><u>36,763,911.78</u></u>

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
														TOTAL		
Ordinary Income/Expense	2,857.30	2,857.30											5,714.60	33,500.00	-27,785.40	17.06%
Income																
4220 · Cell Tower Lease																
4400 · Fees																
4410 · Administrative Fee (New Constr)		487.00											487.00	3,000.00	-2,513.00	16.23%
4420 · Administrative Fee (Remodel)	487.00	487.00											974.00	1,500.00	-526.00	64.93%
4430 · Inspection Fee (New Constr)		460.00											460.00	2,500.00	-2,040.00	18.4%
4440 · Inspection Fee (Remodel)	566.00	460.00											1,026.00	3,500.00	-2,474.00	29.31%
4460 · Remodel Fees	341.00	682.00											1,023.00	7,000.00	-5,977.00	14.61%
Total 4400 · Fees	1,394.00	2,576.00											3,970.00	17,500.00	-13,530.00	22.69%
4610 · Property Tax Receipts														235,000.00	-235,000.00	
4710 · Sewer Service Charges														1,969,726.00	-1,969,726.00	
4720 · Sewer Service Refunds, Customer														-4,000.00	4,000.00	
4760 · Waste Collection Revenues	1,344.31	2,571.11											3,915.42	21,000.00	-17,084.58	18.65%
4990 · Other Revenue		4.01											4.01			
Total Income	5,595.61	8,008.42											13,604.03	2,272,726.00	-2,259,121.97	0.6%
Gross Profit	5,595.61	8,008.42											13,604.03	2,272,726.00	-2,259,121.97	0.6%
Expense																
5000 · Administrative																
5190 · Bank Fees																
5200 · Board of Directors	2,803.19	350.36											3,153.55	5,500.00	-2,346.45	57.34%
5210 · Board Meetings		167.00											167.00	3,000.00	-2,833.00	5.57%
5220 · Director Fees		112.50											112.50	3,300.00	-3,187.50	3.41%
5230 · Election Expenses														4,000.00	-4,000.00	
Total 5200 · Board of Directors		279.50											279.50	10,300.00	-10,020.50	2.71%
5250 · Conference Attendance														2,000.00	-2,000.00	
5270 · Information Systems		126.87											126.87	6,000.00	-5,873.13	2.12%
5300 · Insurance														500.00	-500.00	
5310 · Fidelity Bond														1,700.00	-1,700.00	
5320 · Property & Liability Insurance	1,918.47												1,918.47	2,200.00	-281.53	87.2%
Total 5300 · Insurance	1,918.47												1,918.47	2,200.00	-281.53	87.2%

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	TOTAL		% of Budget
	Budget												Budget	\$ Over Budget		
5560 - LAFCO Assessment																
5400 - Legal																
5420 - Meeting Attendance, Legal		500.00										500.00		2,000.00	-2,000.00	5.26%
5430 - General Legal		4,457.50										4,457.50		9,500.00	-9,000.00	22.29%
Total 5400 - Legal		4,957.50										4,957.50		29,500.00	-24,542.50	16.81%
5510 - Maintenance, Office		391.98										391.98		8,000.00	-7,608.02	4.9%
5540 - Office Supplies		1,488.07										1,488.07		8,000.00	-6,511.93	18.6%
5550 - Postage		100.00										100.00		2,500.00	-2,400.00	4.0%
5560 - Printing & Publishing		37.91										37.91		3,000.00	-2,962.09	1.26%
5600 - Professional Services																
5610 - Accounting														30,000.00	-30,000.00	
5620 - Audit														13,000.00	-13,000.00	
5630 - Consulting		375.00										375.00		28,000.00	-27,625.00	1.34%
5640 - Data Services														6,000.00	-6,000.00	
5650 - Labor & HR Support	187.50											187.50		2,250.00	-2,062.50	8.33%
5660 - Payroll Services	73.94	74.95										148.89		800.00	-651.11	18.61%
Total 5600 - Professional Services	261.44	449.95										711.39		80,050.00	-79,338.61	0.89%
5710 - San Mateo Co. Tax Roll Charges														2,500.00	-2,500.00	
5720 - Telephone & Internet	29.98	1,347.12										1,377.10		11,000.00	-9,622.90	12.52%
5730 - Mileage Reimbursement														1,500.00	-1,500.00	
5740 - Reference Materials														200.00	-200.00	
5800 - Labor																
5810 - CalPERS 457 Deferred Plan	1,134.69	1,254.27										2,388.96		15,117.00	-12,728.04	15.8%
5820 - Employee Benefits	2,865.14	2,865.14										5,730.28		34,382.00	-28,651.72	16.67%
5830 - Disability Insurance		113.37										113.37		1,479.00	-1,365.63	7.67%
5840 - Payroll Taxes	1,327.53	1,101.00										2,428.53		16,521.00	-14,092.47	14.7%
5850 - PARS	1,087.07	1,144.84										2,231.91		13,768.00	-11,536.09	16.21%
5900 - Wages																
5910 - Management	7,391.78	7,391.78										14,783.56		93,373.00	-78,589.44	15.83%
5920 - Staff	9,332.41	10,221.20										19,553.61		118,444.00	-98,890.39	16.51%
5930 - Staff Certification	150.00	150.00										300.00		1,800.00	-1,500.00	16.67%
5940 - Staff Overtime	478.96	155.35										634.31		2,339.00	-1,704.69	27.12%
5950 - Staff Standby																

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	TOTAL	Budget	\$ Over Budget	% of Budget
Total 5900 - Wages	17,353.15	17,918.33											35,271.48	215,956.00	-180,684.52	16.33%	
5960 - Worker's Comp Insurance														3,649.00	-3,649.00		
Total 5800 - Labor	23,767.58	24,386.95											48,164.53	300,872.00	-252,707.47	16.01%	
Total 5000 - Administrative	28,780.66	33,926.21											62,706.87	475,122.00	-412,415.13	13.2%	
6000 - Operations																	
6170 - Claims, Property Damage														10,000.00	-10,000.00		
6195 - Education & Training														1,000.00	-1,000.00		
6200 - Engineering														2,000.00	-2,000.00		
6210 - Meeting Attendance, Engineering														50,000.00	-48,747.00	2.51%	
6220 - General Engineering	1,253.00												1,253.00	50,000.00	-48,747.00	2.51%	
Total 6200 - Engineering	1,253.00												1,253.00	52,000.00	-50,747.00	2.41%	
6320 - Equipment & Tools, Expensed														1,000.00	-1,000.00		
6330 - Facilities																	
6335 - Alarm Services	444.30	518.82											963.12	5,340.00	-4,376.88	18.04%	
6337 - Landscaping		190.00											190.00	2,400.00	-2,210.00	7.92%	
6330 - Facilities - Other																	
Total 6330 - Facilities	444.30	708.82											1,153.12	7,740.00	-6,586.88	14.9%	
6400 - Pumping																	
6410 - Pumping Fuel & Electricity		2,368.80											2,368.80	27,000.00	-24,631.20	8.77%	
Total 6400 - Pumping		2,368.80											2,368.80	27,000.00	-24,631.20	8.77%	
6600 - Collection/Transmission																	
6660 - Maintenance, Collection System														10,000.00	-10,000.00		
Total 6600 - Collection/Transmission														10,000.00	-10,000.00		
6800 - Vehicles																	
6810 - Fuel														800.00	-800.00		
6820 - Truck Equipment, Expensed														160.00	-160.00		
6830 - Truck Repairs														400.00	-400.00		
Total 6800 - Vehicles														1,360.00	-1,360.00		

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
														TOTAL		
6900 - Sewer Authority Midcoastside																
6910 - SAM Collections	26,800.67	26,800.67											53,601.34	321,608.00	-268,006.66	16.67%
6920 - SAM Operations	57,877.58	57,877.58											115,755.16	694,531.00	-578,775.84	16.67%
6940 - SAM Maintenance, Collection Sys													40,000.00	-40,000.00		
6950 - SAM Maintenance, Pumping													50,000.00	-50,000.00		
Total 6900 - Sewer Authority Midcoastside	84,678.25	84,678.25											169,356.50	1,106,139.00	-936,782.50	15.31%
Total 6000 - Operations	86,375.55	87,755.87											174,131.42	1,216,239.00	-1,042,107.58	14.32%
Total Expense	115,156.21	121,682.08											236,838.29	1,691,361.00	-1,454,522.71	14.0%
Net Ordinary Income	-109,560.60	-113,673.66											-223,234.26	581,365.00	-804,599.26	-38.4%
Other Income/Expense																
Other Income																
7000 - Capital Account Revenues																
7100 - Connection Fees																
7110 - Connection Fees (New Constr)													-433.57	140,256.00	-140,689.57	-0.31%
7120 - Connection Fees (Remodel)	1,927.60	963.80											2,891.40	50,000.00	-47,108.60	5.78%
Total 7100 - Connection Fees	1,927.60	963.80											2,457.83	190,256.00	-187,798.17	1.28%
Total 7000 - Capital Account Revenues	1,927.60	963.80											2,457.83	10,000.00	-10,000.00	
Total Other Income	1,927.60	963.80											2,457.83	200,256.00	-197,798.17	1.23%
Other Expense																
8000 - Capital Improvement Program																
8075 - Sewer	6,845.00	28.01											6,873.01	1,745,750.00	-1,738,876.99	0.39%
Total 8000 - Capital Improvement Program	6,845.00	28.01											6,873.01	1,745,750.00	-1,738,876.99	0.39%
9000 - Capital Account Expenses																
9125 - PNC Equipment Lease Interest	1,680.75	1,672.69											3,353.44	19,598.00	-16,244.56	17.11%
9175 - Capital Assessment - SAM	12,809.17	12,809.17											25,618.34	153,710.00	-128,091.66	16.67%

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Sewer
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
9200 - I-Bank Loan	12,808.84												12,808.84	25,201.00	-12,392.16	50.83%
Total 9000 - Capital Account Expenses	27,298.76	14,481.86											41,780.62	198,509.00	-156,728.38	21.05%
Total Other Expense	34,143.76	14,509.87											48,653.63	1,944,259.00	-1,895,605.37	2.5%
Net Other Income	-32,216.16	-13,979.64											-46,195.80	-1,744,003.00	1,697,807.20	2.65%
Net Income	-141,776.76	-127,653.30											-269,430.06	-1,162,638.00	893,207.94	23.17%

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
July 2016 through June 2017

Ordinary Income/Expense	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	TOTAL			
														Budget	\$ Over Budget	% of Budget	
Income																	
4220 · Cell Tower Lease		2,857.29											5,714.58	33,500.00	-27,785.42	17.08%	
4400 · Fees																	
4410 · Administrative Fee (New Constr)		974.00											974.00	4,500.00	-3,526.00	21.64%	
4420 · Administrative Fee (Remodel)														900.00	-900.00		
4430 · Inspection Fee (New Constr)		920.00											920.00	4,250.00	-3,330.00	21.65%	
4440 · Inspection Fee (Remodel)														800.00	-800.00		
Total 4400 · Fees		1,894.00											1,894.00	10,450.00	-8,556.00	18.12%	
4610 · Property Tax Receipts														235,000.00	-235,000.00		
4740 · Testing, Backflow														13,000.00	-13,000.00		
4810 · Water Sales, Domestic	148,457.14	150,772.37											299,229.51	1,800,000.00	-1,500,770.49	16.62%	
4850 · Water Sales Refunds, Customer		-499.56											-499.56	-3,000.00	2,500.44	16.65%	
4990 · Other Revenue		152.50											152.50				
Total Income	151,314.43	155,176.60											306,491.03	2,088,950.00	-1,782,458.97	14.67%	
Gross Profit	151,314.43	155,176.60											306,491.03	2,088,950.00	-1,782,458.97	14.67%	
Expense																	
5000 · Administrative																	
5190 · Bank Fees		502.91											1,759.15	10,000.00	-8,240.85	17.59%	
5200 · Board of Directors																	
5210 · Board Meetings		166.99											166.99	3,000.00	-2,833.01	5.57%	
5220 · Director Fees		112.50											112.50	3,300.00	-3,187.50	3.41%	
5230 · Election Expenses														4,000.00	-4,000.00		
Total 5200 · Board of Directors		279.49											279.49	10,300.00	-10,020.51	2.71%	
5240 · CDPH Fees														15,500.00	-15,500.00		
5250 · Conference Attendance														4,000.00	-4,000.00		
5270 · Information Systems														1,500.00	-1,373.13	8.46%	
5300 · Insurance														500.00	-500.00		
5310 · Fidelity Bond														2,700.00	-761.54	71.05%	
5320 · Property & Liability Insurance														3,200.00	-1,261.54	59.95%	
Total 5300 · Insurance	1,918.46												1,918.46	3,200.00	-1,281.54		

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
	TOTAL															
5350 · LAFCO Assessment														2,500.00	-2,500.00	
5400 · Legal																
5420 · Meeting Attendance, Legal		500.00											500.00	8,500.00	-8,000.00	5.88%
5430 · General Legal		4,017.50											4,017.50	60,000.00	-55,982.50	6.7%
Total 5400 · Legal		4,517.50											4,517.50	68,500.00	-63,982.50	6.6%
5510 · Maintenance, Office		391.98											391.98	8,000.00	-7,608.02	4.9%
5530 · Memberships		255.00											255.00	18,000.00	-17,745.00	1.42%
5540 · Office Supplies		1,488.06											1,488.06	8,000.00	-6,511.94	18.6%
5550 · Postage		570.00											570.00	6,000.00	-5,430.00	9.5%
5560 · Printing & Publishing		111.36											111.36	2,000.00	-1,888.64	5.57%
5600 · Professional Services																
5610 · Accounting														30,000.00	-30,000.00	
5620 · Audit														20,500.00	-20,500.00	
5630 · Consulting													375.00	25,000.00	-24,625.00	1.5%
5640 · Data Services																
5650 · Labor & HR Support	187.50												187.50	2,000.00	-1,812.50	9.38%
5660 · Payroll Services	73.95	74.94											148.89	850.00	-701.11	17.52%
Total 5600 · Professional Services	261.45	449.94											711.39	78,350.00	-77,638.61	0.91%
5720 · Telephone & Internet	29.97	1,732.10											1,762.07	17,000.00	-15,237.93	10.37%
5730 · Mileage Reimbursement		45.05											45.05	2,000.00	-1,954.95	2.25%
5740 · Reference Materials														800.00	-800.00	
5750 · Other Administrative	1,112.00												1,112.00			
5800 · Labor																
5810 · CalPERS 457 Deferred Plan	2,525.45	2,883.96											5,413.41	33,970.00	-28,556.59	15.94%
5820 · Employee Benefits	5,780.71	5,780.71											11,561.42	68,388.00	-57,806.58	16.67%
5830 · Disability Insurance		280.45											280.45	2,921.00	-2,640.55	9.6%
5840 · Payroll Taxes	3,131.43	3,208.58											6,340.01	40,574.00	-34,233.99	15.63%
5850 · PARS	2,052.14	2,315.19											4,367.33	27,005.00	-22,637.67	16.17%
5900 · Wages																
5910 · Management	7,391.76	7,391.76											14,783.52	93,373.00	-78,589.48	15.83%
5920 · Staff	26,704.42	31,295.80											58,000.22	350,791.00	-292,790.78	16.53%
5930 · Staff Certification	750.00	750.00											1,500.00	9,000.00	-7,500.00	16.67%
5940 · Staff Overtime	4,082.98	4,020.68											8,103.66	52,353.00	-44,249.34	15.48%

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
5950 · Staff Standby	2,003.78	2,010.97											4,014.75	24,857.00	-20,842.25	16.15%
Total 5900 · Wages	40,932.94	45,469.21											86,402.15	530,374.00	-443,971.85	16.23%
5960 · Worker's Comp Insurance														19,312.00	-19,312.00	
Total 5800 · Labor	54,426.67	59,938.10											114,364.77	723,524.00	-609,159.23	15.81%
Total 5000 · Administrative	59,004.79	70,408.36											129,413.15	979,174.00	-849,760.85	13.22%
6000 · Operations																
6160 · Backflow Prevention														1,000.00	-1,000.00	
6170 · Claims, Property Damage														10,000.00	-10,000.00	
6180 · Communications														15,000.00	-15,000.00	
6185 · SCADA Maintenance																
6180 · Communications - Other													222.12			
Total 6180 · Communications													222.12	15,000.00	-14,777.88	1.48%
6195 · Education & Training																
6200 · Engineering		1,184.68											1,184.68	6,000.00	-4,815.32	19.75%
6210 · Meeting Attendance, Engineering														2,000.00	-2,000.00	
6220 · General Engineering		165.00											165.00	20,000.00	-19,835.00	0.83%
6230 · Water Quality Engineering		12,442.37											12,442.37	65,000.00	-52,557.63	19.14%
Total 6200 · Engineering		12,607.37											12,607.37	87,000.00	-74,392.63	14.49%
6320 · Equipment & Tools, Expensed																
6330 · Facilities		16.99											16.99	5,000.00	-4,983.01	0.34%
6335 · Alarm Services														750.00	-750.00	
6337 · Landscaping	52.50	127.02											179.52	750.00	-570.48	23.94%
6330 · Facilities - Other		420.00											420.00	6,000.00	-5,580.00	7.0%
Total 6330 · Facilities	52.50	547.02											599.52	6,750.00	-6,150.48	8.88%
6370 · Lab Supplies & Equipment																
6400 · Pumping														1,000.00	-1,000.00	
6410 · Pumping Fuel & Electricity														100,000.00	-94,817.99	5.18%
6420 · Pumping Maintenance, Generators		5,182.01											5,182.01	8,000.00	-2,817.99	
6430 · Pumping Maintenance, General														2,500.00	-2,500.00	
6440 · Pumping Equipment, Expensed														2,000.00	-2,000.00	

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget
		5,182.01											5,182.01	112,500.00	-107,317.99	4.61%
														TOTAL		
Total 6400 · Pumping																
6500 · Supply																
6510 · Maintenance, Raw Water Mains		6,028.60											6,028.60	10,000.00	-9,910.27	0.9%
6520 · Maintenance, Wells		89.73											89.73	40,000.00	-40,000.00	
6530 · Water Purchases																
Total 6500 · Supply		6,118.33											6,118.33	50,000.00	-43,881.67	12.24%
6600 · Collection/Transmission																
6610 · Hydrants														1,000.00	-1,000.00	
6620 · Maintenance, Water Mains		255.19											255.19	55,000.00	-54,744.81	0.46%
6630 · Maintenance, Water Svc Lines														25,000.00	-25,000.00	
6640 · Maintenance, Tanks		2.78											2.78	1,000.00	-997.22	0.28%
6650 · Maint., Distribution General		349.24											349.24	10,000.00	-9,650.76	3.49%
6670 · Meters														2,500.00	-2,500.00	
Total 6600 · Collection/Transmission		607.21											607.21	94,500.00	-93,892.79	0.64%
6700 · Treatment																
6710 · Chemicals & Filtration		388.92											388.92	30,000.00	-29,611.08	1.3%
6720 · Maintenance, Treatment Equip.														4,000.00	-4,000.00	
6730 · Treatment Analysis		1,043.42											1,043.42	30,000.00	-28,956.58	3.48%
Total 6700 · Treatment		1,432.34											1,432.34	64,000.00	-62,567.66	2.24%
6770 · Uniforms		65.39											65.39	9,000.00	-8,934.61	0.73%
6800 · Vehicles																
6810 · Fuel		598.21											598.21	8,000.00	-7,401.79	7.48%
6820 · Truck Equipment, Expensed		104.06											104.06	1,000.00	-895.94	10.41%
6830 · Truck Repairs														5,000.00	-5,000.00	
Total 6800 · Vehicles		702.27											702.27	14,000.00	-13,297.73	5.02%
6890 · Other Operations		105.94											105.94			
Total 6000 · Operations		52.50	28,791.67										28,844.17	475,750.00	-446,905.83	6.06%
Total Expense	59,057.29	99,200.03											158,257.32	1,454,924.00	-1,296,666.68	10.86%
Net Ordinary Income	92,257.14	55,976.57											148,233.71	634,026.00	-485,792.29	23.38%

10:30 AM
09/16/16
Accrual Basis

Montara Water & Sanitary District
Revenue & Expenditures Budget vs. Actual - Water
July 2016 through June 2017

	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul '16 - Jun 17	Budget	\$ Over Budget	% of Budget	
														TOTAL			
Other Income/Expense																	
Other Income																	
7000 · Capital Account Revenues																	
7100 · Connection Fees														128,000.00		-128,000.00	
7110 · Connection Fees (New Constr)														3,000.00		-3,000.00	
7120 · Connection Fees (Remodel)														65,000.00		-65,000.00	
7130 · Conn. Fees, PFP (New Constr)														196,000.00		-196,000.00	
Total 7100 · Connection Fees														1,150,436.00		-1,150,436.00	
7600 · Bond Revenues, G.O.														1,346,436.00		-1,346,436.00	
Total 7000 · Capital Account Revenues														1,346,436.00		-1,346,436.00	
Total Other Income														1,346,436.00		-1,346,436.00	
Other Expense																	
8000 · Capital Improvement Program																	
8075 · Sewer																	
8100 · Water																	
Total 8000 · Capital Improvement Program														11,722.12		-11,722.12	1.89%
9000 · Capital Account Expenses																	
9075 · PFP Connection Expenses														25,111.00		-25,111.00	
9100 · Interest Expense - GO Bonds														149,655.02		-149,655.02	50.61%
9125 · PNC Equipment Lease Interest														3,353.44		-3,353.44	17.11%
9150 · SRF Loan														37,247.00		-37,247.00	
Total 9000 · Capital Account Expenses														178,119.46		-178,119.46	50.52%
Total Other Expense														189,841.58		-189,841.58	19.54%
Net Other Income														-189,841.58		189,841.58	-50.64%
Net Income														-41,607.87		41,607.87	-4.12%



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

SUBJECT: SAM Flow Report for August 2016

The Sewer Authority Mid-Coastside (SAM) has prepared the following attached reports for the SAM Board of Directors and the California Regional Water Quality Control Board:

- Flow Report for August 2016.
- Collection System Monthly Overflow Report – August 2016.

The Average Daily Flow for Montara was 0.218 MGD in August 2016. There was one reportable overflow due to roots in August in the Montara System. SAM indicates there were 0.12 inches of rain in August 2016.

RECOMMENDATION:

Review and file.

Attachments

Attachment A

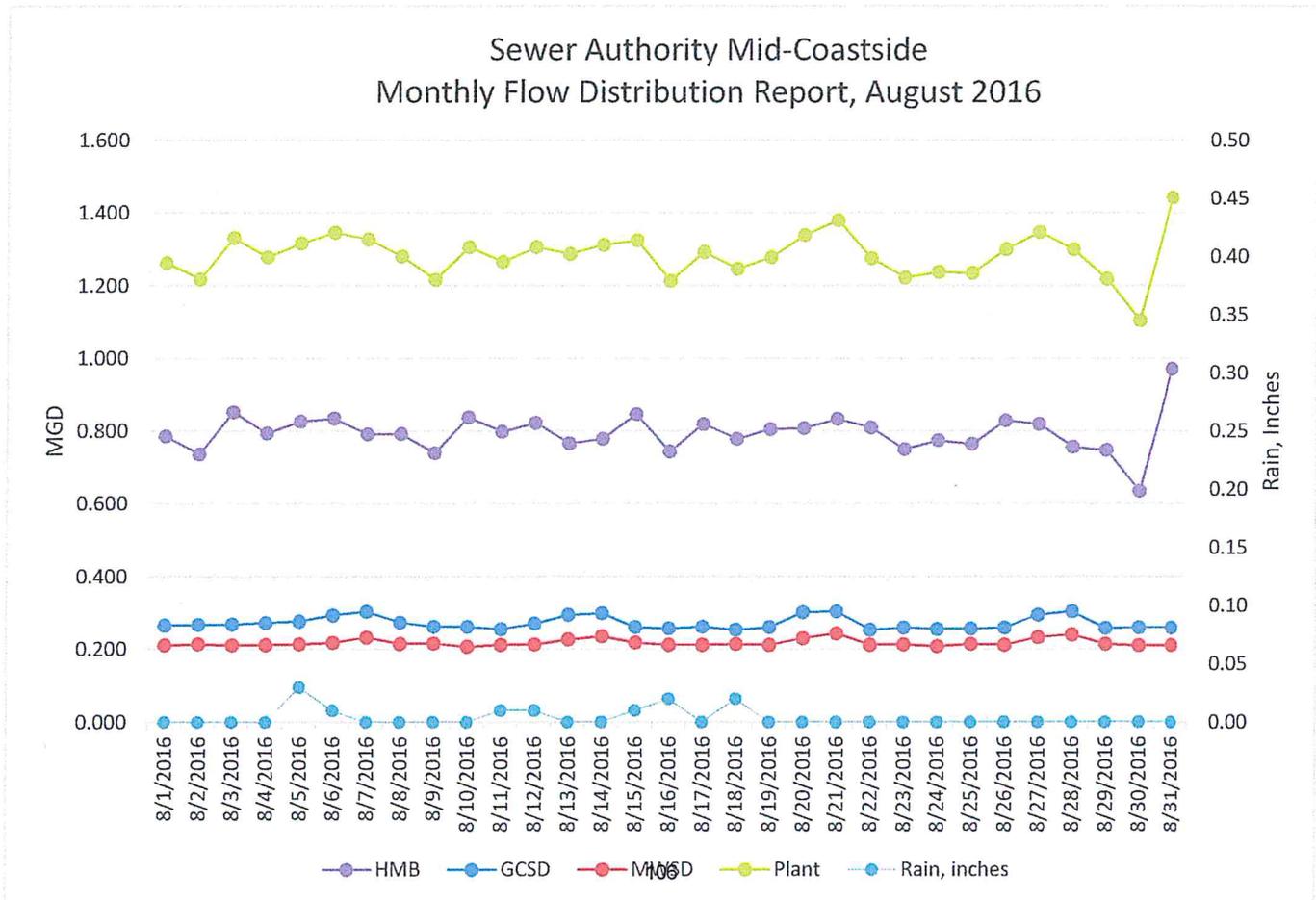
Flow Distribution Report Summary For August 2016

The daily flow report figures for the month of August 2016 have been converted to an Average Daily Flow (ADF) for each Member Agency. The results are attached for your review.

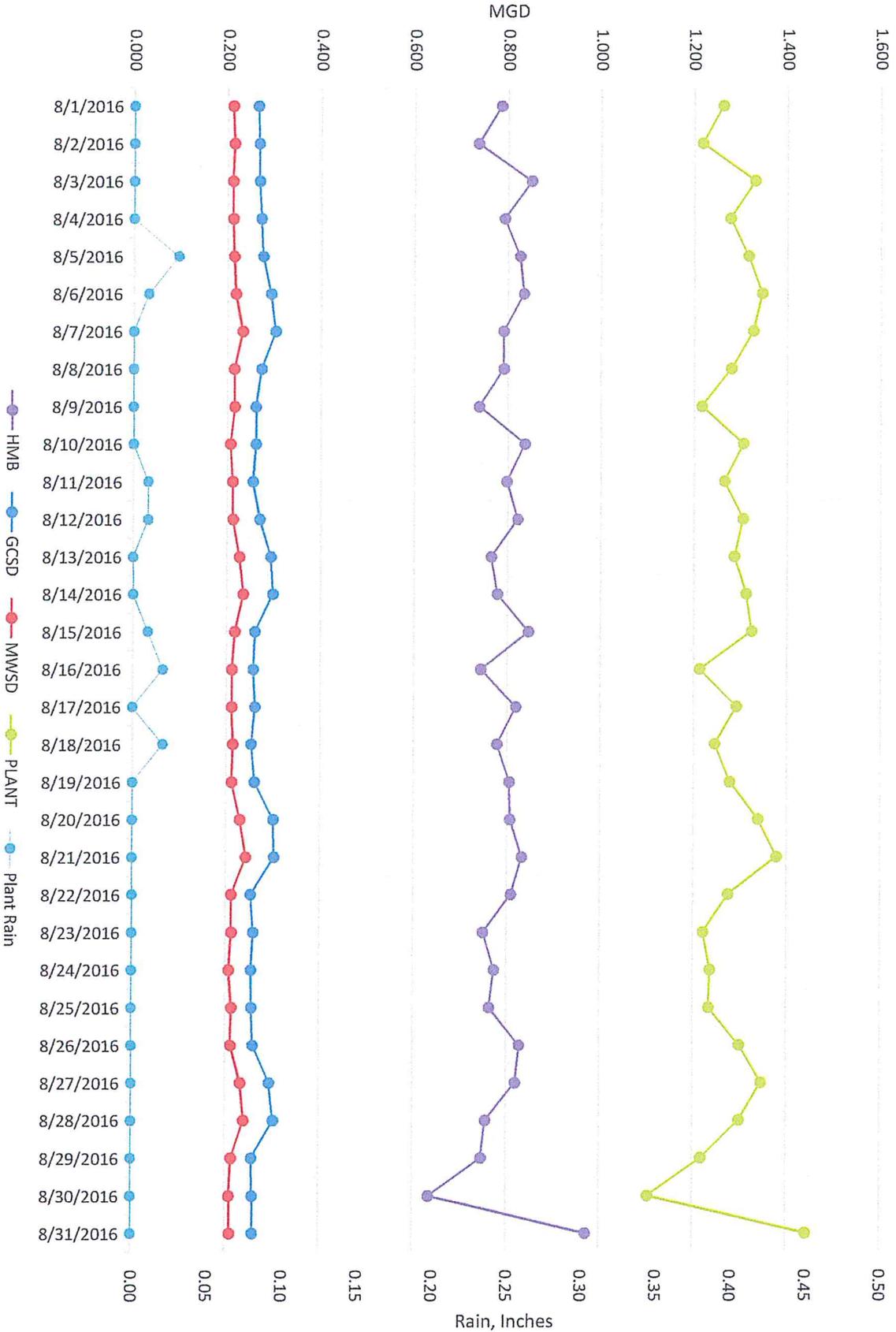
*Influent flow is calculated using the mid-plant flow meter less process water and trucked in waste

The summary of the ADF information is as follows:

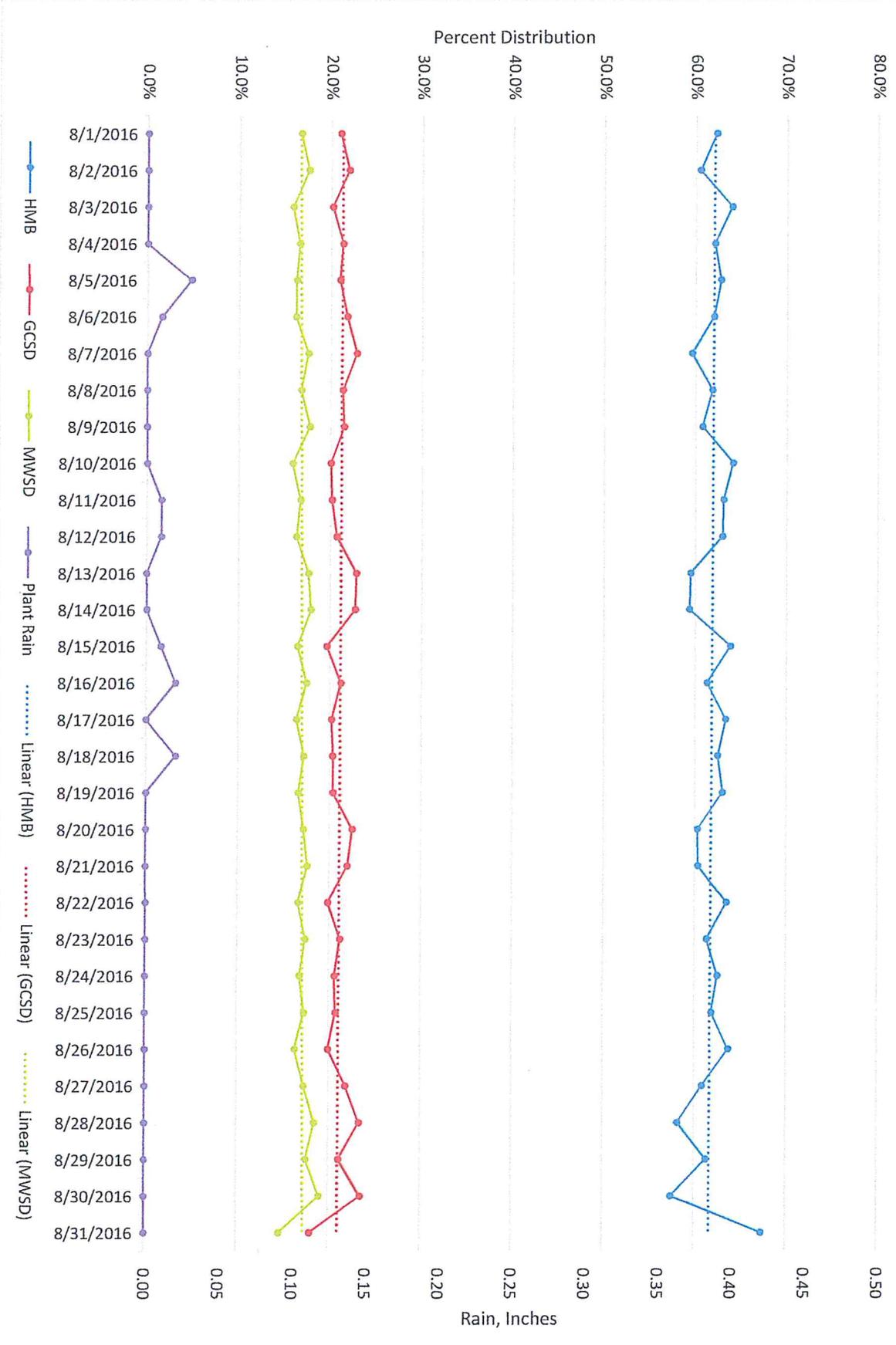
	<u>MGD</u>	<u>%</u>
The City of Half Moon Bay	0.795	61.9%
Granada Community Services District	0.272	21.1%
Montara Water and Sanitary District	<u>0.218</u>	<u>16.9%</u>
Total	1.284	100.0%



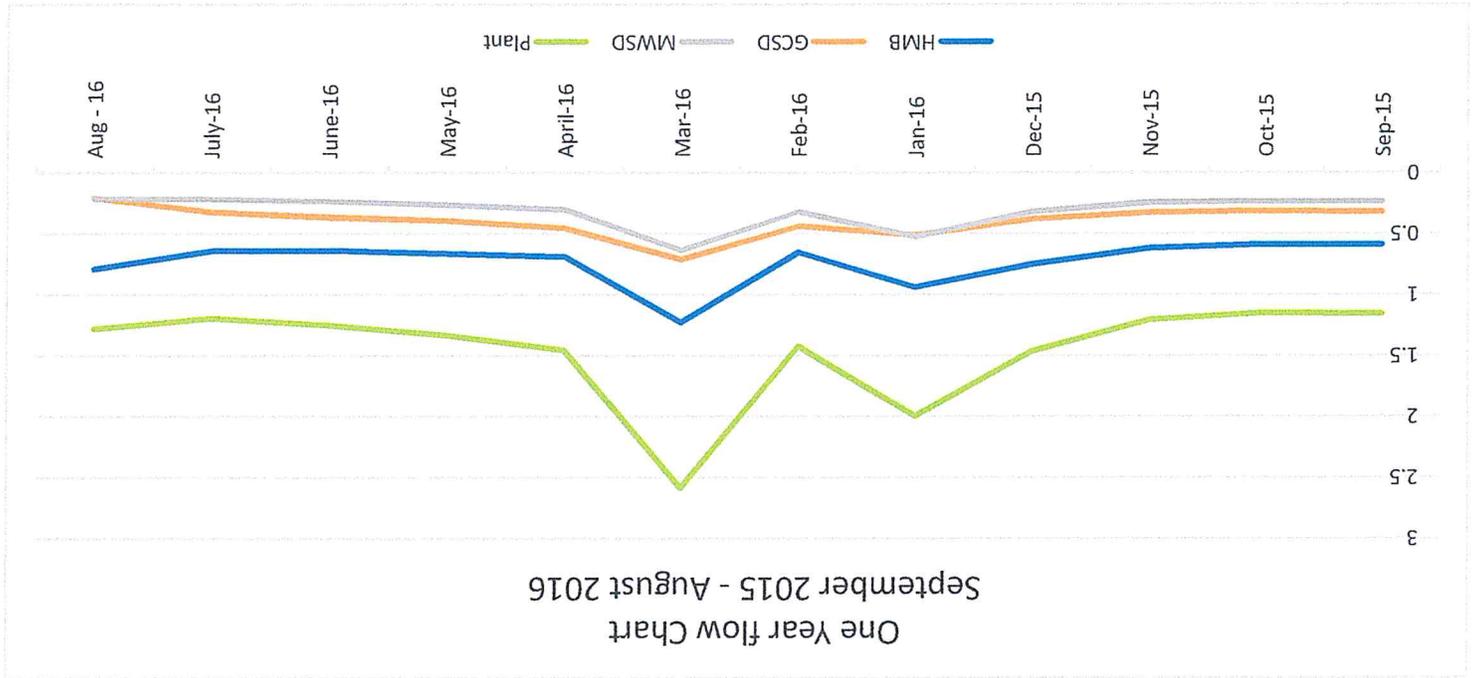
Sewer Authority Mid-Coastside Monthly Flow Distribution Report, August 2016



Percent Distribution August 2016



Most recent flow calibration June 2016



Sewer Authority Mid-Coastside

Monthly Collection System Activity/SSO Distribution Report, August 2016

August 2016

	Number of S.S.O.'s			
	HMB	GCSD	MWSD	SAM
Total	1	0	1	0
Roots	0	0	0	0
Grease	0	0	0	0
Mechanical	0	0	0	0
Wet Weather	0	0	0	0
Other	0	0	0	0
Total	0	0	0	0
	50%		50%	

12 Month Moving Total

	12 month rolling Number			
	HMB	GCSD	MWSD	SAM
Total	2	5	6	0
Roots	0	0	1	0
Grease	0	0	0	0
Mechanical	0	0	0	1
Wet Weather	0	0	0	0
Other	0	2	1	0
Total	2	7	8	1
	11%	39%	44%	6%

Reportable SSOs

	Reportable Number of S.S.O.'s			
	HMB	GCSD	MWSD	SAM
Total	1	0	1	0
August 2016	2	0	1	0
12 Month Moving Total	2	7	8	1

SSOs / Year / 100 Miles

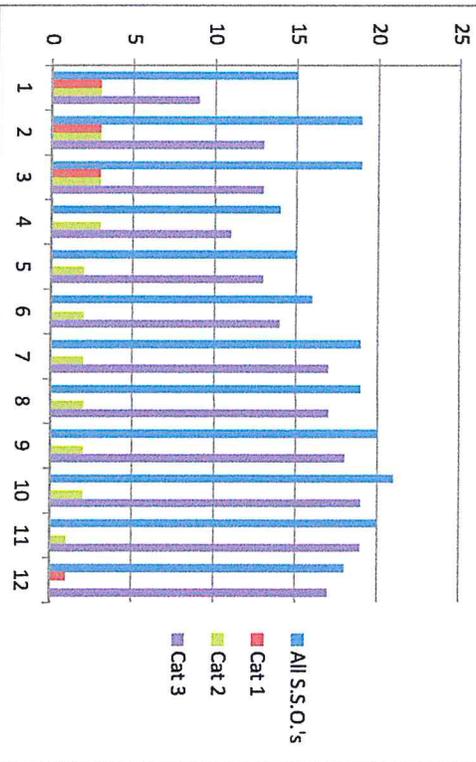
	Number of S.S.O.'s /Year/100 Miles			
	HMB	GCSD	MWSD	SAM
Total	2.7	0.0	3.7	0.0
August 2016	1.9	0.0	3.7	0.0
12 Month Moving Total	17.2	21.1	29.6	13.7
Category 1	0.0	0.0	3.7	0.0
Category 2	0.0	0.0	0.0	0.0
Category 3	16.3	21.1	25.9	13.7
Miles of Sewers	104.5	37.0	33.2	27.0
	35.4%	31.8%	25.8%	7.0%

12 Month Rolling Total Sewer Cleaning Summary

Month	HMB	GCSD	MWSD	Total Feet	Total Miles
Sep-15	17,470	31,071	1,955	50,496	9.6
Oct-15	33,863	11,254	1,679	46,796	8.9
Nov-15	24,921	1,834	2,031	28,786	5.5
Dec-15	24,177	2,740	2,029	28,946	5.5
Jan-16	6,806	16,774	10,598	34,178	6.5
Feb-16	8,952	7,014	10,830	26,796	5.1
Mar-16	12,396	17,919	11,725	42,040	8.0
Apr-16	8,468	10,816	12,705	31,989	6.1
May-16	11,530	15,123	11,652	38,305	7.3
June-16	9,762	2,161	7,367	19,290	3.7
July-16	34,037	28,984	8,192	71,213	13.5
Aug-16	31,070	5,694	16,714	53,478	10.1
Annual ft	223,452	151,384	97,477	472,313	
Annual Mi.	42.3	28.7	18.5		89.5

Attachment C

12 Month Moving SSO Totals Through August 2016





MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: September 29, 2016

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

SUBJECT: Review of Current Investment Portfolio

The District's Investment Policy and Guidelines requires that the Board review the status of the current investment portfolio. The following summarizes the status of these accounts:

- The District has most of its idle sewer funds deposited in the State of California's Local Agency Investment Fund (LAIF). The Monthly Average interest rate for February was 0.614 for August 2016.
- The District has one checking account with Wells Fargo Bank for Water and Sewer Funds that is largely backed by Federal securities.

RECOMMENDATION:

District staff attempts to cash manage idle funds in LAIF as long as possible before transferring to the Wells Fargo checking accounts for disbursements.



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

SUBJECT: Connection Permit Applications Received

As of September 29, 2016 the following new Sewer Connection Permit applications were received since the last report:

Date of Application	Property Owner	Site Address	Home Size

As of September 29, 2016 the following new Water (Private Fire Sprinkler) Connection Permit applications were received since the last report:

Date of Application	Property Owner	Site Address	Home Size

September 29, 2016 the following new Water Connection Permit applications were received since the last report:

Date of App.	Property Owner	Site Address	Home Size	Type of Connection

RECOMMENDATION:

No action is required. This is for Board information only.



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: September 29th, 2016

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

A handwritten signature in black ink, appearing to be 'C. Heldmaier', written in a cursive style.

SUBJECT: Monthly Water Production Report

The attached two charts summarize the monthly water production for the District.

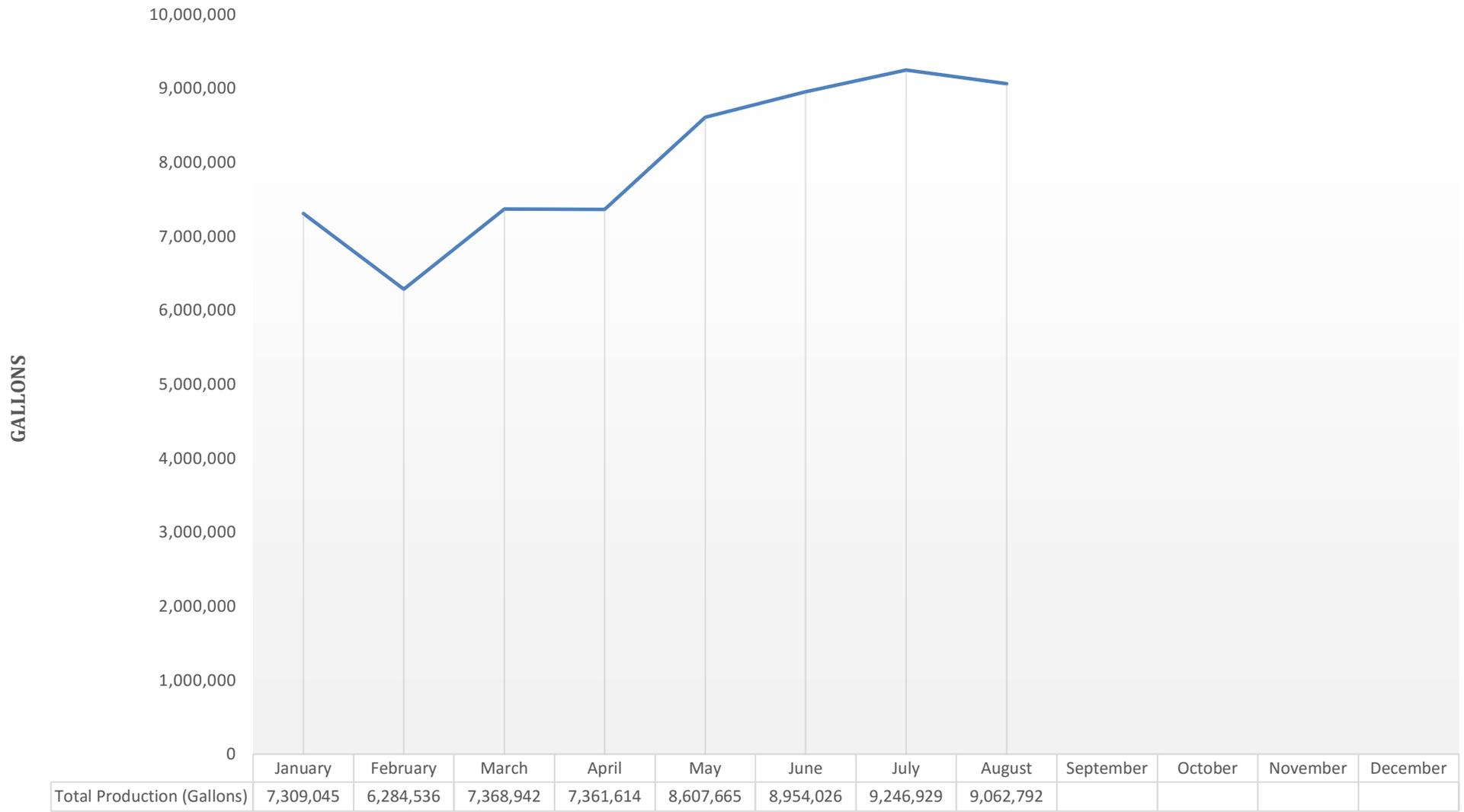
The first shows a consolidated from all sources by month. The second shows each water source the District uses, both wells and surface water. The production is shown in gallons of water produced.

RECOMMENDATION:

No action is required. These reports are provided for the Board's information only.

Attachments: 2

TOTAL PRODUCTION 2016 (Gallons)



MONTH



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting of: September 29th, 2016

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

A handwritten signature in black ink, appearing to be 'C. Heldmaier', located to the right of the 'FROM' line.

SUBJECT: Rain Report

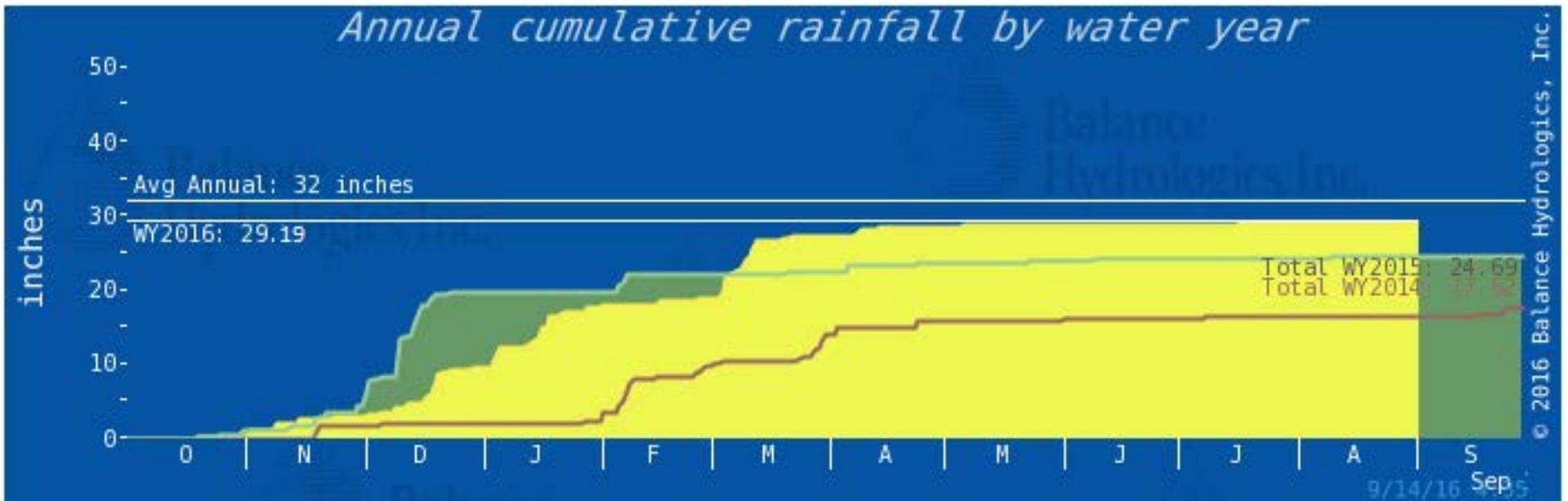
The attached chart shows the monthly rainfall at Alta Vista Treatment Plant for the current and prior water years along with seven-year average rain fall.

RECOMMENDATION:

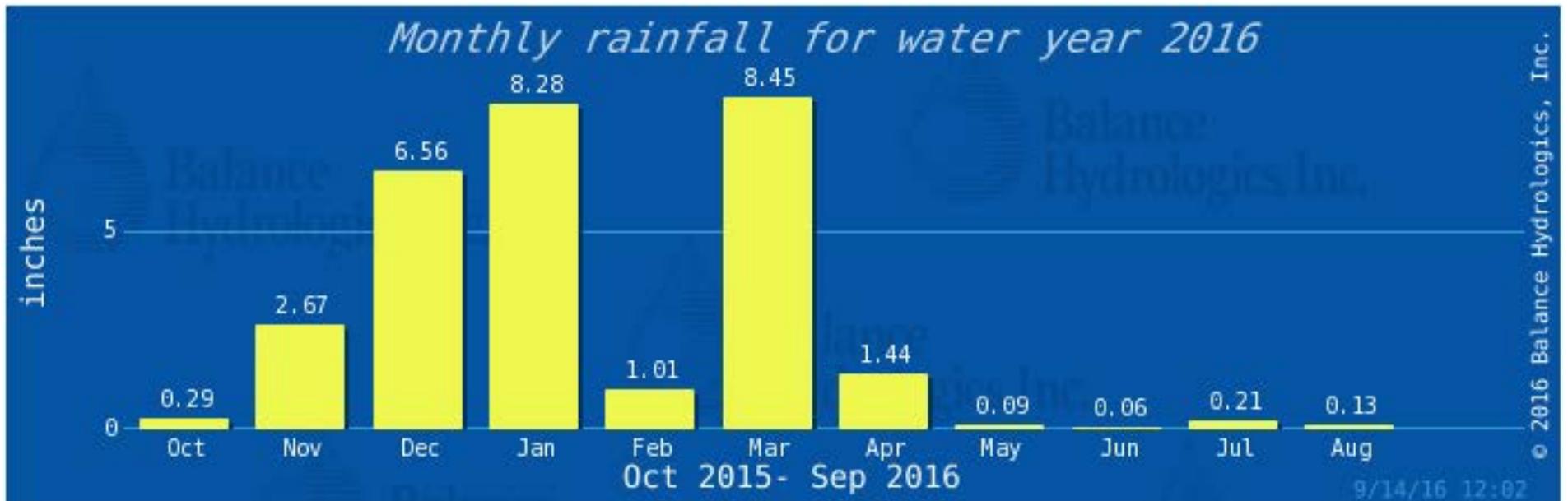
No action is required. These reports are provided for the Board's information only.

Attachments: 2

Annual Cumulative Rainfall



Monthly Rainfall Report Oct 2015 – Sept 2016





MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: September 29th, 2016

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

SUBJECT: Monthly Solar Energy Report

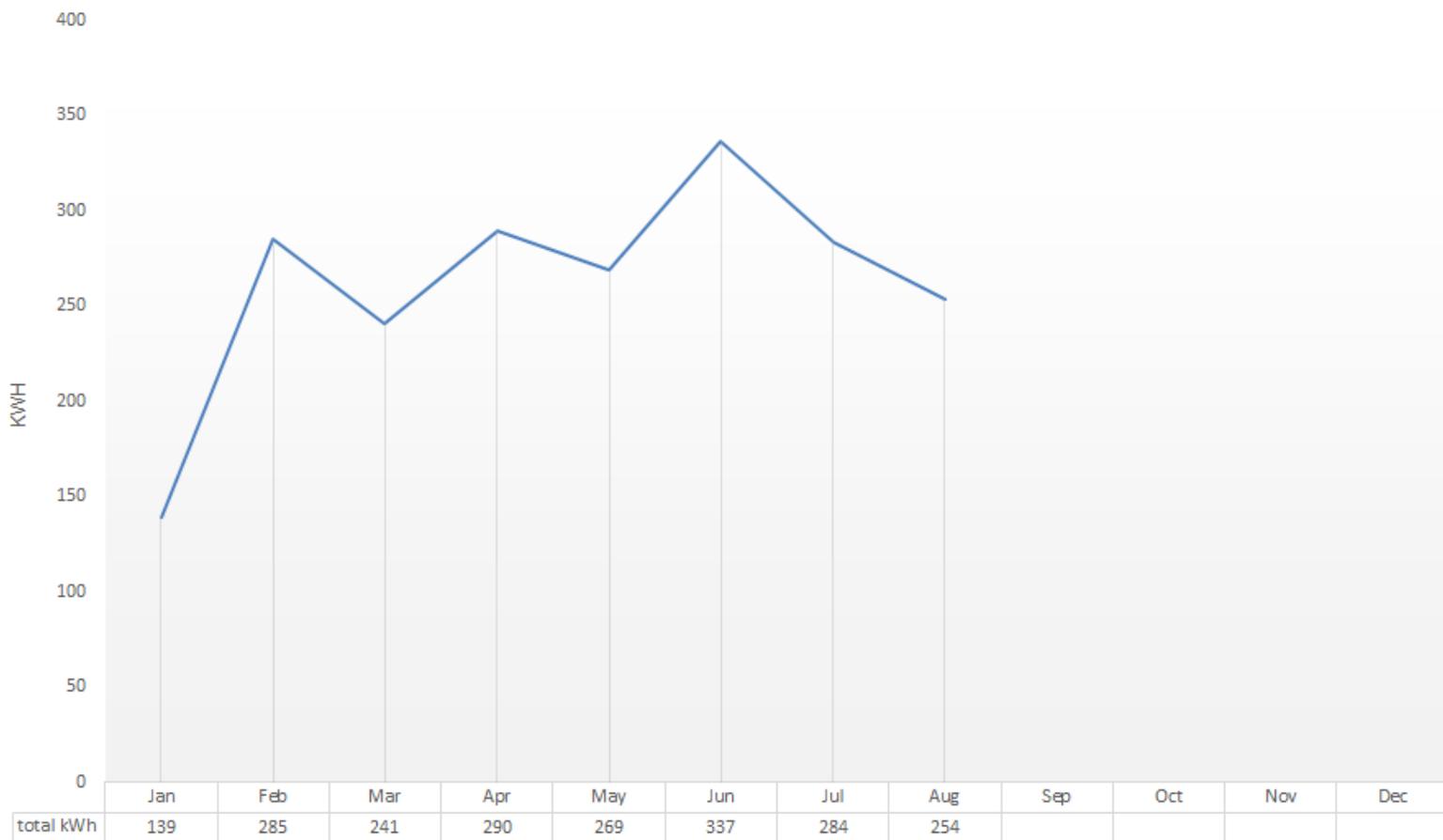
The attached chart summarizes the monthly solar production at the Alta Vista Array. Since the installation of the solar panels the District produced 38228 kWh and saved 64987 lbs of CO₂.

RECOMMENDATION:

No action is required. This information is provided for the Board's information only.

Attachments: 1

SOLAR ENERGY PRODUCED IN 2016 (kWh)





MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

**SUBJECT: Monthly Public Agency Retirement Service
Report for July 2016.**

The District has received the monthly PARS report for July 2016.

Contributions are calculated on a bi-weekly basis, and contributions are made on a monthly basis.

The following monthly reports are submitted as consent agenda items on a monthly basis.

RECOMMENDATION:

This is for Board information only.

Attachment

MONTARA WATER & SANITARY DISCTRICT
PARS REP Program

Monthly Account Report for the Period
7/1/2016 to 7/31/2016

Clemens Heldmaier
General Manager
Montara Water & Sanitary District
8888 Cabrillo Highway
Montara, CA 94037

Account Summary

Source	Beginning Balance as of 7/1/2016	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 7/31/2016
Employer Contribution	\$387,672.22	\$7,463.37	\$11,952.45	\$152.83	\$0.00	\$0.00	\$406,935.21
Totals	\$387,672.22	\$7,463.37	\$11,952.45	\$152.83	\$0.00	\$0.00	\$406,935.21

Investment Selection

Capital Appreciation Index PLUS

Investment Objective

The primary goal of the Capital Appreciation objective is growth of principal. The major portion of the assets are invested in equity securities and market fluctuations are expected.

Investment Return

1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
			3-Years	5-Years	10-Years	
3.05%	4.13%	-	-	-	-	3/8/2016

Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.

Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.

Account balances are inclusive of Trust Administration (unless invoiced), Trustee and Investment Management fees



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager 

**SUBJECT: Review and Possible Action Concerning
Adoption of Appropriations Limit for FY 2016-
2017**

Article XIII B of the California State Constitution, commonly referred to as the Gann Initiative or Gann Appropriations Limit, was adopted by California voters in 1980 and placed limits on the amount of proceeds of taxes that State and local agencies can appropriate and spend each year.

The limit is different for every agency and changes each year. The annual limit is based on the amount of tax proceeds that were authorized to be spent in FY 1978-79, modified for changes in inflation and population. Inflationary adjustments are based on increases in the California per capita income and changes in County population.

The appropriation limit for the prior FY year was \$1,984,496. Factoring in the County's change in population for the unincorporated area (0.91%), and the change in the California per capita personal income (5.37%) provides the appropriation limit for the new fiscal year. This information is found in the State Department of Finance report received in May 2016. Based on these adjustments the appropriation limit for Fiscal Year 2016-2017 is \$2,110,093. This is the maximum amount of tax proceeds the District is able to spend in FY 2016-2017. As the attached worksheet shows, the District is \$1,058,445 below its Gann Limit.

Section 7910 of the State Government Code requires a governing body to annually adopt, by resolution, an Appropriations Limit for the upcoming fiscal year.

RECOMMENDATION:

Adopt Resolution No. _____, Resolution of the Montara Water and Sanitary District Determining the 2016-2017 Appropriation Limit.

Attachment

MONTARA WATER AND SANITARY DISTRICT

Appropriation Limit FY 2016/2017

USER FEES	SUB-TOTAL	TOTAL	
SEWER			ASSUMPTIONS: FY 15/16 Appropriations Limit: \$1,984,496 May 1, 2016 State Department of Finance Report: Per Capita Personal Income Increase: 5.37% San Mateo County Population Change = 0.91% Unincorporated Population change = 0.60% Calculations: $1.0537 \times 1.0091 = 1.063289$ $1.063289 \times \$1,984,496 = 2,110,093$ \$2,110,093 APPROPRIATIONS LIMIT FOR FY 16/17 $\$2,110,093$ $-\$1,051,648$ $\$1,058,445$ BELOW GANN LIMIT
Sewer Service Charges	\$ 1,969,726.00		
Sewer Connection Fees	\$ 190,256.00		
Application and Inspection Fees	\$ 17,500.00		
WATER			
Water Sales and Charges	\$ 1,800,000.00		
Water Connection Fees	\$ 196,000.00		
Water Application Fees	\$ 10,450.00		
TOTAL		\$ 4,183,932.00	
LESS:			
Total Operating Expenses-Sewer	\$ 1,691,360.00		
Total Operating Expenses-Water	\$ 1,454,922.00		
Debt Instruments:			
Water Loan Costs	\$ 235,819.08		
Sewer Loan Costs	\$ 114,875.31		
TOTAL		\$ 3,496,976.39	
USER FEES IN EXCESS OF COSTS:		\$ 686,955.61	
ADD:			
User Fees in Excess of Costs:	\$ 686,955.61		
Taxes	\$ 470,000.00		
Franchise Fee	\$ 21,000.00		
Interest Income	\$ 10,000.00		
Operating Income or loss (From Audit)	\$ (136,308.00)		
TOTAL		\$ 1,051,647.61	
TOTAL APPROPRIATIONS SUBJECT TO LIMIT FOR FY 2016/17:		\$ 1,051,647.61	



May 2016

Dear Fiscal Officer:

Subject: Price Factor and Population Information

Appropriations Limit

The California Revenue and Taxation Code, section 2227, requires the Department of Finance (Finance) to transmit an estimate of the percentage change in population to local governments. Each local jurisdiction must use their percentage change in population factor for January 1, 2016, in conjunction with a change in the cost of living, or price factor, to calculate their appropriations limit for fiscal year 2016-17. Attachment A provides the change in California's per capita personal income and an example for utilizing the price factor and population percentage change factor to calculate the 2016-17 appropriations limit. Attachment B provides the city and unincorporated county population percentage change. Attachment C provides the population percentage change for counties and their summed incorporated areas. The population percentage change data excludes federal and state institutionalized populations and military populations.

Population Percent Change for Special Districts

Some special districts must establish an annual appropriations limit. The Revenue and Taxation Code, section 2228 provides additional information regarding the appropriations limit. Article XIII B, section 9(C) of the California Constitution exempts certain special districts from the appropriations limit calculation mandate. The Code and the California Constitution can be accessed at the following website: <http://leginfo.legislature.ca.gov/faces/codes.xhtml>.

Special districts required by law to calculate their appropriations limit must present the calculation as part of their annual audit. Any questions special districts have on this requirement should be directed to their county, district legal counsel, or the law itself. No state agency reviews the local appropriations limits.

Population Certification

The population certification program applies only to cities and counties. Revenue and Taxation Code section 11005.6 mandates Finance to automatically certify any population estimate that exceeds the current certified population with the State Controller's Office. **Finance will certify the higher estimate to the State Controller by June 1, 2016.**

Please Note: Prior year's city population estimates may be revised.

If you have any questions regarding this data, please contact the Demographic Research Unit at (916) 323-4086.

MICHAEL COHEN
Director
By:

AMY COSTA
Chief Deputy Director

Attachment

- A. **Price Factor:** Article XIII B specifies that local jurisdictions select their cost of living factor to compute their appropriation limit by a vote of their governing body. The cost of living factor provided here is per capita personal income. If the percentage change in per capita personal income is selected, the percentage change to be used in setting the fiscal year 2016-17 appropriation limit is:

Per Capita Personal Income	
Fiscal Year (FY)	Percentage change over prior year
2016-17	5.37

- B. Following is an example using sample population change and the change in California per capita personal income as growth factors in computing a 2016-17 appropriation limit.

2016-17:

Per Capita Cost of Living Change = 5.37 percent
 Population Change = 0.90 percent

Per Capita Cost of Living converted to a ratio: $\frac{5.37 + 100}{100} = 1.0537$

Population converted to a ratio: $\frac{0.90 + 100}{100} = 1.0090$

Calculation of factor for FY 2016-17: $1.0537 \times 1.0090 = 1.0632$

Fiscal Year 2016-17

Attachment B
Annual Percent Change in Population Minus Exclusions*
January 1, 2015 to January 1, 2016 and Total Population, January 1, 2016

County City	<u>Percent Change</u>	<u>--- Population Minus Exclusions ---</u>		<u>Total</u>
	2015-2016	1-1-15	1-1-16	1-1-2016
San Mateo				
Atherton	0.48	7,116	7,150	7,150
Belmont	0.75	27,627	27,834	27,834
Brisbane	2.09	4,603	4,699	4,699
Burlingame	0.62	29,542	29,724	29,724
Colma	0.47	1,502	1,509	1,509
Daly City	0.68	108,402	109,139	109,139
East Palo Alto	0.76	30,316	30,545	30,545
Foster City	0.51	33,033	33,201	33,201
Half Moon Bay	3.23	12,136	12,528	12,528
Hillsborough	0.96	11,576	11,687	11,687
Menlo Park	0.50	33,548	33,716	33,863
Millbrae	0.46	23,029	23,136	23,136
Pacifica	0.32	37,685	37,806	37,806
Portola Valley	1.02	4,703	4,751	4,751
Redwood City	2.15	84,179	85,992	85,992
San Bruno	0.50	45,134	45,360	45,360
San Carlos	0.34	28,910	29,008	29,008
San Mateo	1.41	101,228	102,659	102,659
South San Francisco	0.43	64,311	64,585	64,585
Woodside	0.85	5,616	5,664	5,664
Unincorporated	0.60	64,814	65,201	65,201
County Total	0.91	759,010	765,894	766,041

*Exclusions include residents on federal military installations and group quarters residents in state mental institutions, state and federal correctional institutions and veteran homes.

RESOLUTION NO. _____

**RESOLUTION OF THE MONTARA WATER AND
SANITARY DISTRICT DETERMINING THE 2016-2017
APPROPRIATION LIMIT**

BE IT RESOLVED BY THE BOARD OF THE MONTARA WATER AND
SANITARY DISTRICT, A PUBLIC AGENCY IN THE COUNTY OF SAN MATEO,
CALIFORNIA, AS FOLLOWS:

1. The District, on the basis of appropriations limit calculations, which have been on file and available for public review in the office of the Secretary of the District, has calculated the maximum limit applicable to the appropriations of tax proceeds for the Fiscal Year 2016-2017 to be the sum of Two Million One Hundred and Ten Four Thousand and Ninety Three Dollars (\$2,110,093).
2. The basis for said calculations are available and on file in the office of the Secretary of said District.
3. The Secretary shall post this Resolution at the official places of posting.

COUNTERSIGNED:

President, Montara Water and Sanitary District

Secretary, Montara Water and Sanitary District

* * *

I HEREBY CERTIFY that the foregoing Resolution No. _____ was duly and regularly adopted and passed by the Board of the Montara Water and Sanitary District, San Mateo County, California, at a meeting thereof on the 29th day of September 2016, by the following vote:

AYES, Directors:

NOES, Directors:

ABSENT, Directors:

Secretary, Montara Water and Sanitary District

MONTARA WATER AND SANITARY DISTRICT

NOTICE OF INTENTION TO ADOPT APPROPRIATIONS LIMIT FOR FISCAL YEAR 2016-2017

NOTICE IS HEREBY GIVEN that the Board of the Montara Water and Sanitary District proposes to adopt a resolution establishing the District's appropriations limit for the fiscal year July 1, 2016 - June 30, 2017, pursuant to the provisions of California Constitution Article XIIB upon the date, and at the time and place, hereinafter specified. Documentation used in the necessary determinations is available in the District Administrative office at the address hereinafter specified.

The Board shall consider adoption of the foregoing resolution at a meeting of the Board as follows:

DATE: September 29, 2016

TIME: 7:30 p.m., or as soon thereafter as the matter may be considered.

PLACE: District Board Chambers
8888 Cabrillo Highway
Montara, CA 94037
(www.mwsd.montara.org)



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

A handwritten signature in black ink, appearing to be 'C Heldmaier'.

SUBJECT: Receive Update on 4TH Street Water Main Replacement Project

Construction of the 4th Street Water Main Replacement Project is proceeding well and is on schedule. During the month of September 2016, the General Contractor, Stoloski & Gonzalez (S&G), installed the new 6-inch-diameter C900 PVC water main from East Avenue to Audubon Avenue (approximately 1,300 feet), including new isolation valves and one hydrant. S&G also installed 41 new services to the homes on 4th Street. The water main and services were successfully pressure-tested and disinfected. During the last week of September the old services will be disconnected at the meter and connected to the new services/water main. Once all residences are switched over to the new main the existing 2-inch-diameter main will be decommissioned and abandoned in place.

RECOMMENDATION:

This report is presented to the Board for information only; no action is requested at this time.



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

SUBJECT: Review of InPipe Power Generation – Potential Use of New Technology

The District's water distribution system experiences high pressures due to the terrain and location of the storage and production facilities. These high pressures must be alleviated to protect the distribution system and prevent water main breaks and leaks. This is currently accomplished with the Pressure Regulating Stations, however, for some time now, staff has been considering various options of utilizing the energy in the water mains to generate electricity while reducing the pressure, thus putting the energy in the distribution system to beneficial use.

The industry for in-pipe power generation is rapidly evolving and staff was able to consider various alternatives, however, nothing to date proved promising, mostly due to the fact that various products becoming available on the market are targeted for installation in very large pipelines (48-inch-diameter and larger).

Recently, however, staff identified a new product that might have a good potential for small diameter mains. Staff met and toured the District's facilities with a representative of InPipe Energy, a company that specializes in energy generation in pipelines of 24-inch-diameter and smaller.

Staff will continue working with InPipe Energy to determine the feasibility of an installation in the District's distribution system and will report the results of these discussions to the Board at a future date. The InPipe Energy literature is attached for the Board's information.

RECOMMENDATION:

This report is presented to the Board for information only; no action is requested at this time.

INPIPE

ENERGY

Executive Summary

InPipe Energy is a renewable energy generation and smart water technology company focused on improving the economics of water operations by recapturing many megawatts of energy embedded in the flow of water pipelines and improving the intelligence and costs for water infrastructure management.

Water pipeline systems throughout the world contain enormous amounts of potential base load, clean energy that is being burned off through valves that control water flow and pressure. The InPipe Power System (IPS) is able to efficiently capture this potential energy and convert it into a predictable, consistent source of renewable, predictable electricity, enabling water agencies to run operations on clean energy, reduce carbon emissions and monetize their largest assets, water pipelines.

InPipe Energy's Solution. InPipe Energy's initial product, the InPipe Power System, is a renewable energy generating technology that allows water-intensive industries and entities to generate clean, reliable, dispatchable electricity using existing infrastructure, without building power plants or changing the way they do things. The IPS includes a patent pending, generation solution that harnesses the energy of fast-moving water inside gravity-fed pipelines, converting it into a continuous source of low-cost electricity (2 - 6 cents per KWH). The product targets pipelines 24 inches and smaller.



The IPS works by harvesting a pipeline's excess head pressure without disrupting or adversely impacting the effectiveness of water transmission operations. The IPS has a proprietary control system that allows it to easily adapt an existing pipeline to be able to manage pressure and produce energy without sacrificing operational control or safety. The IPS can also be used as part of smart grid strategies that call for stored renewable energy that can be dispatched at critical or peak times. In addition,, the IPS collects real-time water quality data for integration in smart grid information systems. The IPS can be deployed during

new, rehab and retrofit pipeline projects. Once installed, InPipe provides advanced monitoring and protection of the overall system. This is water that is already flowing through pipelines all over the world.

Competitive Advantage. Unlike renewable energy sources such as wind and solar energy, IPS' power production is predictable and consistent. Its location in parallel to existing pipelines means IPS is inherently more secure and has no environmental impact. This results in low regulatory hurdles and high returns per dollar invested for renewable energy developers. The sensors that manage turbine performance simultaneously measure water characteristics including pressure (flow) and temperature

and can readily be customized to measure other parameters. This data can allow for near real-time detection of line failures, contamination and water security breaches.

In an existing pipeline, the IPS can be installed in a day without any disruption of flowing water and commence energy generation shortly after. Permitting requirements are minimal and installation costs are low. Electricity produced from the IPS can be used “behind the meter” to power on-site pumps and other devices or to charge storage systems. It can also be connected to the grid for net metering and the data it collects can be fully integrated into SCADA and microgrid systems. In addition to avoiding issues with intermittency present with many renewable energy sources, the high capacity factors of IPS relative to system cost means that electricity from IPS is less expensive than other forms of renewable energy and competitive with grid-sourced electricity.

Competitive Landscape:

	InPipe Energy	Small Wind	Small Solar	Hydro	Hydro-kinetics
Capacity Factor	High	Low	Low	High	Unpredictable
Electricity Price	Low	High	High	Low	Low
Energy Quality	High	Low	Low	High	Medium
Environmental Issues	None	Yes	Yes	Yes	Yes

Comparison of InPipe Energy to the current market leader:

	InPipe Energy	Lucid Energy
Target market	Retrofit	New Installations
Pipe Sizes	24 inches and smaller	42 inches and larger
Installation	Bypassed	Inline
Efficiency	82%	40%
Energy extracted	Up to 90%	5%
Cost of Energy	.02 cents per kwh	.08 cents per kwh

Business Model. InPipe Energy is a systems integrator and in some cases operate as a WESCO, (Water Energy Services Company), reducing risk for water agencies and cities interested in producing renewable energy to take advantage of this technology. We do energy assessments, identify the best places to locate our systems,, install, operate and maintain the system in exchange for a long term commitment to purchase the energy, or we can also rent the space from a water agency. We estimate the average project will take 4 months from the time of signing of an Agreement to commence energy production.

The Company earns revenues through the following primary sources: (1) sales of equipment, (2) as project sponsor or as project developer; (3) as equity participant; and (4) as O&M provider. In

addition, InPipe Energy will package and sell monthly subscriptions to the data collected about pipeline operations and analysis conducted on that data that bears on water quality and security. In the second year of our Plan, we will create a special purpose vehicle to finance projects.

Our goal is to be able to work with water agencies in multiple projects, aggregate and finance them so that there is no investment for water agencies to adopt this smart capability. As we expand to overseas markets, we expect to partner with major engineering firms and entrepreneurs in the renewable energy and water sectors to grow rapidly, taking advantage of the very large, untapped opportunity in markets outside the US.

Early Traction. InPipe Energy has 13 municipalities in Brazil committed to purchasing the InPipe Energy Power System. InPipe Energy in collaboration with a very large, prestigious Brazilian infrastructure firm worked together with a financial partner to make this happen and has plans to commercialize its product throughout Brazil starting in 2017. The financial partner is committed to financing the projects in Brazil and is in discussions regarding other Latin American and Caribbean countries for expansion.

Several U.S. cities, including New York, Riverside, Denver, San Jose and San Diego are exploring conduit hydro and its potential to bring many megawatts of green, dispatchable power to their residents and improve resiliency. InPipe Energy is cultivating relationships with progressive water agencies that are evaluating deployments in 2017. The Company has been concurrently assembling a capital-efficient, outsourced manufacturing and supply approach that enables us to keep our product costs low.

The Team. Gregg Semler, InPipe Energy's founder, president, is uniquely qualified to bring InPipe's products to market. Gregg is a veteran of the clean energy market who brings more than two decades' of executive leadership skills to InPipe Energy. Immediately prior to founding InPipe Energy, Gregg served as founder, president and CEO of Lucid Energy. Prior to that, he served for four years as Managing Director at Pivotal Investments, an early stage venture fund focused on Northwest based companies aiming to deliver superior financial returns in the sustainable economy. As his professional track record demonstrates, clean energy technology is Gregg's passion. Gregg earned his BA from Columbia and his MBA from Dartmouth's Tuck School. In addition to Gregg, the Company has recruited an experienced multi-disciplinary team ready to join the company and dedicate their careers to making InPipe Energy into a global leader in the in-pipe hydro market. These individuals include significant technical water and energy infrastructure backgrounds.

Summary. InPipe Energy offers an opportunity for clean, reliable electricity generation from the already existing but untapped pipeline systems that currently exist all over the world. InPipe also gives pipeline operators a head-start on monitoring the characteristics of their water supply. It is based on partnering with the major market leaders in water and energy infrastructure development and deployment.

Contact. For more information contact Gregg Semler, President and Founder – 503-341-0004 or email – Gregg@inpipeenergy.com



MONTARA WATER AND SANITARY DISTRICT AGENDA

For Meeting Of: **September 29, 2016**

TO: BOARD OF DIRECTORS

FROM: Clemens Heldmaier, General Manager

**SUBJECT: Review and Possible Action Concerning
Cancellation of Next Regular Scheduled
Meetings, October 6, and October 20 2016.**

At this time no urgent items require holding the meetings in October.

RECOMMENDATION:

Cancel the regular scheduled meeting, October 6, and October 20, 2016.