

Manager's Report

To the SC-OR Commissioners by Glen Sturdevant
on July 22, 2022

Operations & Maintenance

We were notified on June 28, 2022 that our chemical supplier for Sulfur Dioxide Gas (SO₂), Thatcher Company, was in regulatory non-compliance, and would no longer be able to supply SC-OR with SO₂. At that point we were forced to research our options, the first being where to find SO₂ to purchase, and the second was how can we get it transported to us. We found there is only one other supplier west of the Rockies, and that is Jones Chemical located in Torrance, CA. The issue we face with Jones Chemical is that they were sued in the 90's over having a monopoly, and therefore cannot deliver to Northern California. We were able to convince them to let us purchase SO₂ gas, but we will be responsible for transport. We have since been in contact with a couple trucking companies to arrange delivery, and it appears we will be able to continue with our gaseous system for now. However, the supply chain with SO₂ gas is shaky, at best. That being said, I believe it would be irresponsible for SC-OR not to investigate another more reliable process for de-chlorination. We have been researching and compiling costs on what it would take to switch to a liquid de-chlorination system. We believe most of the equipment could be repurposed and integrated into the sodium hypo-chlorite system that will be used for process control once the plant is upgraded. Currently, we are looking at securing enough SO₂ gas from Jones Chemical to bridge the gap to a liquid system.

CalPERS Payment

This was approved last month, but the figures reported were not accurate so we are bringing it back again. The correct amount of the unfunded liability due to CalPERS is \$204,573.00. We will save \$7,038.96 by paying it in a lump sum rather than monthly.

**MINUTES OF THE REGULAR MEETING
OF THE SEWERAGE COMMISSION - OROVILLE REGION**
(Held at the Commission office on June 28, 2022 at 5:00 p.m.)

1. Call to Order ❖

Vice-Chairman Fairbanks called the meeting to order at 5:00 p.m.

2. Roll Call ❖

Commissioners present were Commissioners Mastelotto and Fairbanks from the Lake Oroville Area Public Utility District, Reynolds from the City of Oroville, Wristen from the Thermalito Water and Sewer District. Staff present was Manager Glen Sturdevant, Plant Supervisor Mikah Salsi, and Attorney Scott Huber. Commissioner Thomson attended via Zoom, and Commissioner Hatley was absent.

3. Salute to the Flag ❖

Commissioner Reynolds led the Commissioners and staff in the salute to the flag.

4. Acknowledgment of Visitors ❖

None

5. Board Meeting Minutes of the Regular Meeting held on May 24, 2022 ❖

Upon motion by Commissioner Reynolds to approve the minutes of the meeting, and seconded by Commissioner Wristen, the minutes of the May 24, 2022 regular meeting were unanimously approved.

6. Employee Safety Meeting Minutes of June 13, 2022 ❖

Upon motion by Commissioner Reynolds to approve the minutes of the meeting, and seconded by Commissioner Mastelotto, the minutes of the June 13, 2022 employee safety meeting were unanimously approved.

7. Authorization of Warrants ❖

Commissioner Fairbanks met with Manager Sturdevant and reviewed the warrants, and having found everything to be in order made a motion for their approval. The motion was seconded by Commissioner Reynolds. Warrants 27497-27562 in the total amount of \$1,234,092.03 from May 24 to June 28, 2022, including Commissioner fees and electronic fund transfers, were unanimously approved and ordered paid.

8. Fiscal Reports ❖

Manager Sturdevant reported that fiscal reports for May 2022 were in the packets for review. There were no questions and nothing further to report.

9. Election of Officers ❖

Clerk Sturdevant opened the nominations for Chairperson for fiscal year 2022/2023. Commissioner Mastelotto was nominated by Commissioner Reynolds for the position of Chairperson, which was seconded by Commissioner Wristen; the nominations were closed by Commissioner Reynolds. There being no other nominations, Commissioner Mastelotto was elected Chairperson in fiscal year 2022/2023 by acclamation.

Vice-Chairman Fairbanks opened the nominations for Vice-Chair. Commissioner Wristen nominated himself for the position of Vice-Chair for fiscal year 2022/2023, which was seconded by Commissioner Mastelotto, and nominations were closed by Commissioner Wristen. Commissioner Wristen, was elected Vice-Chair in fiscal year 2022/2023 by acclamation.

10. CalPERS contribution ❖

Fiscal Officer Sturdevant stated that each year we must pay our CalPERS annual unfunded accrued liability. If we pay it in a lump sum now for the fiscal year it will cost \$185,409.00, which will save SC-OR \$6,380.00, rather than as a monthly payment.

A motion was made by Chairman Reynolds to authorize the manager to pay the CalPERS annual unfunded accrued liability in the sum of \$185,409.00. The motion was seconded by Commissioner Wristen, and passed by the following vote: Fairbanks – Yes, Reynolds – Yes, Wristen – Yes.

11. Board Approval to Recognize Environmental Documents ❖

Manager Sturdevant reported that Provost & Pritchard has finally completed the application for the State Revolving Funds Loan. The publication of the Draft Notice of Intent of the Initial Mitigated Negative Declaration Study for the Plant Upgrade Project must be authorized by the Commission to publicly post it to allow for a 30-day public comment period. Once the public comment period is over, then we will bring it back to the Commission, along with any comments received from the public, for adoption. We can then post it to the State Clearing House and actually apply for the funding. After the document is adopted, there is then a 45-day period for protests.

Commissioner Reynolds made a motion to authorize the publication of the Draft Notice of Intent to adopt the Initial Mitigated Negative Declaration Study for the Plant Upgrade Project, and post the document at the State Clearing House for public comment. The motion was seconded by Commissioner Wristen, and passed by the following vote: Fairbanks – Yes, Reynolds – Yes, Wristen – Yes.

12. Closed Session ❖

Adjourned to closed session at 5:13 pm and reconvened to open session at 5:20. Vice-Chairman Fairbanks reported that there was no reportable action taken.

13. Attorney's Report ◆

Reported under closed session.

14. Manager's Report ◆

Manager Sturdevant reported there were no problems in operations and maintenance.

He reported on the following items:

- The engineers are working on costs and a plan for a change order if we cannot get the electric building for the influent pump station. They are fairly sure that they can get a building constructed within the budget. We are waiting on their determined costs.
- The East Interceptor Repair Project that serves LOAPUD is moving along nicely. He wanted to inform and thank the LOAPUD board members, as the LOAPUD crew came and video surveyed the line for us and did a great job. It was a huge help for SC-OR and very much appreciated.
- The Ruddy Creek Pump Station: Staff is working with Commissioner Mastelotto to get all of the documents needed to move forward with an appraisal on the purchase of the property. Commissioner Mastelotto used her expertise in getting us the documents that we were unable to find.
- We held another JPA Managers meeting at SC-OR, and discussed a potential district-wide F.O.G. program. We are laying the groundwork to bring the proposal to the Commission for consideration in the future. We also reviewed the introduction of SC-OR's ADU policy for input with the other entities. We will send it to Attorney Huber once it is finalized so he can make it legal. These JPA meetings seem to be viewed as very beneficial by all of the member entities.
- Manager Sturdevant and Plant Supervisor Salsi met with Rath Moseley, the manager of South Feather Water & Power (SFWP), about potentially partnering with them on a recycle water project. Since SC-OR is not a water purveyor, we must partner with a water purveyor to consider selling our water. Rath was very open to the idea of keeping our water in the North State. It was a very good meeting. Manager Sturdevant and Plant Supervisor Salsi are just doing homework before presenting these concepts to the Commission for consideration and/or direction in the near future. We have other option to consider on water sales, but will have to meet with Attorney Huber regarding these options. Commissioner Mastelotto asked if California Water Services sells the water, do they have anything to do with the recycle water, and can they file a suit if we recycle our own water? Manager Sturdevant said no. Our water is ours until it goes

into the Feather River, and then the State owns it and they sell it. This doesn't seem fair to our community. The people of Oroville pay to pump the water out of the ground, drink it, pay to pump it to SC-OR, pay to clean it, and pay to pump it to the river; then the State sells it and makes money from it. We need a middleman, someone who when we are done treating the water it becomes their water before it is pumped to the Feather River. They then can sell it, but SC-OR cannot. He believes that since the State is trying to buy water rights from farmers, there is an opportunity for SC-OR to sell our water through a middleman. We should be able to keep the water in the North State while recouping some money for the rate payers. Commissioner Wristen asked if the middleman would pay us for the water. Manager Sturdevant replied yes. Water is like gold in California. Commissioner Wristen asked if the rate payers would get any benefit from this, to which Manager Sturdevant said it would keep the sewer service charges stable or even lower them. Attorney Huber stated once a user puts their waste water in the sewer line it is SC-OR's, just like once SC-OR puts the cleaned water into the river it is the States. We can use the income to stabilize rates or lower them, but not to refund monies to the rate payers.

Manager Sturdevant presented Vice-Chairman Fairbanks with a plaque of appreciation in recognition of his service to the SC-OR Board of Commissioners, and thanked him for all of his time and effort put into serving on the Commission.

15. Visitor Comments ❖

None

16. Commissioner and Staff Comments ❖

None

15. Adjournment ❖

There being no further business, the meeting was adjourned at 5:33 p.m. to the regular meeting scheduled for July 26, 2022 at 5:00 p.m.

Respectfully submitted,



GLEN E. STURDEVANT, CLERK

MINUTES OF THE EMPLOYEE SAFETY MEETINGS FOR THE SEWERAGE COMMISSION – OROVILLE REGION

(Held at the Plant on July 22, 2022)

On Friday, July 22, 2022, safety training was held. In attendance were: Manager Glen Sturdevant, Plant Supervisor Mikah Salsi, Lead Operator Mitch Maxwell, Plant Operators Josh Sorenson, Chris Wright, Joe Battaglia, OIT's Mike Klemm, Environmental Compliance Supervisor Kendra Morgan, and Administrative Assistant Lauri Pittman.

Manager Sturdevant called the meeting to order at 10:37 a.m. He started by showing a video entitled, "Service Training Heat Stress". He also handed out a pamphlet entitled, "What is Heat Stress", which was reviewed by all present. He then gave an oral quiz to each employee, asking pertinent questions regarding the information in the pamphlet.

Manager Sturdevant asked if there were any safety concerns or safety equipment needs. Mike Klemm said that there is a broken rail by the filter pumps that needs to be repaired. No other concerns or needs were expressed.

The meeting was adjourned at 11:06 a.m.

SEWERAGE COMMISSION - OROVILLE REGION
BUDGETARY SUMMARY - FISCAL YEAR 2021/2022

DESCRIPTION	Adopted Budget 2021/22	Expended This Month	Expended Through 06.30.2022	Balance of Funds Remaining	Time Left 0%
SALARIES & WAGES	770,800	91,199.00	767,609.74	3,190.26	0%
EMPLOYEE BENEFITS	639,473	54,450.73	619,597.33	19,875.67	3%
COMMISSIONERS' FEES	43,200	3,600.00	42,600.00	600.00	1%
CMSNRS FICA & MEDICARE	3,305	275.40	3,304.80	0.20	0%
GAS, OIL & FUEL	30,000	1,186.30	29,990.68	9.32	0%
INSURANCE	81,000	0.00	77,616.82	3,383.18	4%
MEMBERSHIPS	8,850	0.00	8,340.00	510.00	6%
OFFICE EXPENSES	8,500	364.00	11,031.79	(2,531.79)	-30%
OPERATING SUPPLIES	164,250	33,476.81	125,579.99	38,670.01	24%
PROFESSIONAL SERVICES	134,200	585.93	85,476.04	48,723.96	36%
PRINTING & PUBLICATIONS	3,000	0.00	0.00	3,000.00	100%
REPAIRS & MAINTENANCE	115,000	32,151.87	125,873.15	(10,873.15)	-9%
BIOSOLIDS DISPOSAL	35,000	0.00	6,087.50	28,912.50	83%
MONITORING & COMPLIANCE	70,000	2,985.99	61,748.65	8,251.35	12%
TRAINING & MEETINGS	16,000	208.95	8,216.13	7,783.87	49%
UTILITIES	404,650	3,276.77	428,565.37	(23,915.37)	-6%
TOTAL OPERATING	2,527,228	223,761.75	2,401,637.99	125,590.01	5%
Engineering Fees	585.93				
Legal Fees	0.00				
Accounting Fees	0.00				
Permits	0.00				
Miscellaneous	0.00				
	<u>585.93</u>				

SEWERAGE COMMISSION - OROVILLE REGION

REVENUE SUMMARY - FISCAL YEAR 2021/2022

DESCRIPTION	Received	Received	Restricted	Regulatory &	Restricted	Restricted	Restricted	Restricted
	This Month	Through 06.30.22	Unrestricted Funds	W.C.R.F. Funds	Capital Acct. Funds	Cap. Outlay Funds	Annl. M&O Funds	Fines&Pen. Funds
SERVICE CHARGES	157,758.30	1,870,646.75	1,761,855.75			108,791.00		
SEPTAGE DUMPERS	18,390.24	107,843.52	107,843.52					
EX. PEAK FLOWS	0.00	0.00				0.00		
EX. MO. FLOWS	0.00	0.00	0.00					
OTHER AGENCIES	160.65	19,451.00	19,451.00					
RFC CHARGES	39,828.00	2,599,175.28				2,599,175.28		
INTEREST	27,849.33	56,890.42	9,680.93	3,267.50	8,497.54	35,410.02	0.00	34.43
R&CA (Reg. & capital acct)		879,506.25			879,506.25			
WCRF		58,633.75		58,633.75				
TOTALS	243,986.52	5,592,146.97	1,898,831.20	61,901.25	888,003.79	2,743,376.30	0.00	34.43

**SEWERAGE COMMISSION - OROVILLE REGION
ACTIVE & INACTIVE CASH - MONTHLY RECAP
FISCAL YEAR 2021/2022**

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
Cash - Unrestricted	3,393,318.95	3,180,641.16	3,048,225.09	3,604,012.45	3,467,828.76	3,339,133.74	3,520,731.37	2,941,611.86	3,118,058.89	4,534,496.56	4,431,653.43	4,396,957.60
Cash - Restricted												
WCRF	785,169.15	785,169.15	785,708.48	805,275.23	805,275.23	805,795.09	825,371.64	825,371.64	790,621.74	810,112.19	810,112.19	811,685.40
R&CA	1,611,695.10	1,609,185.40	1,526,150.70	1,809,513.71	1,809,513.71	1,805,822.85	2,066,793.70	2,087,550.82	2,088,334.44	2,378,738.69	2,372,148.29	2,374,452.00
Cap. Outlay	9,785,784.73	9,785,784.73	9,740,812.59	8,586,646.84	9,052,473.14	8,577,003.17	8,561,897.32	8,210,357.13	8,129,311.41	7,175,739.61	7,947,989.35	7,815,696.35
Annl. M & O	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00
Fines&Pen	8,470.32	8,470.32	8,476.10	8,476.10	8,476.10	8,481.53	8,481.53	8,481.53	8,488.33	8,488.33	8,488.33	8,504.76
TOTAL CASH	15,884,438.25	15,669,250.76	15,409,372.96	15,113,924.33	15,443,566.94	14,836,236.38	15,313,275.56	14,373,372.98	14,434,814.81	15,207,575.38	15,870,391.59	15,707,296.11
INTEREST ALLOCATED:												
Unrestricted			542.49			1,066.94			2,437.57			5,633.92
Reserve/WCRF			539.33			519.86			635.10			1,573.21
Reserve/CO			6,892.69			5,727.35			6,771.34			16,018.66
Reserve/M&O			0.00			0.00			0.00			0.00
Reserve/F&P			5.78			5.43			6.80			16.43
Reserve/RCA			1,047.68			1,165.11			1,677.62			4,607.12
CONSISTING OF:												
Checking Account	1,806,282.75	21,095.26	70,189.49	1,061,740.86	552,383.47	70,052.91	773,607.40	33,704.82	95,146.65	556,378.80	986,195.01	263,099.53
L.A.I.F. Account	14,078,155.50	15,648,155.50	15,339,183.47	14,052,183.47	14,891,183.47	14,766,183.47	14,539,668.16	14,339,668.16	14,339,668.16	14,651,196.58	14,884,196.58	15,444,196.58
TOTAL CASH	15,884,438.25	15,669,250.76	15,409,372.96	15,113,924.33	15,443,566.94	14,836,236.38	15,313,275.56	14,373,372.98	14,434,814.81	15,207,575.38	15,870,391.59	15,707,296.11
% of Funds Invested	88.63%	99.87%	99.54%	92.98%	96.42%	99.53%	94.95%	99.77%	99.34%	96.34%	93.79%	98.32%

Sewerage Commission - Oroville Region

Bank Reconciliation - Bank of America

Fiscal Year Ended 30 June 2022

BALANCE PER BANK

Ending Balance on Bank Statement	30-Jun-22	315,218.94
Less Outstanding Warrants		(237,727.04)
Equals Adjusted Bank Balance at	30-Jun-22	<u>77,491.90</u>

BALANCE PER BOOKS

Beginning Prior Checkbook Balance	31-May-22	<u>986,195.01</u>
Deposits		342,443.24
Less Warrants Written		(1,188,865.34)
Less Net Payroll Warrants		(62,281.01)
Equals Adjusted Checkbook Balance	30-Jun-22	<u>77,491.90</u>



BETTY T. YEE

California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name

SEWERAGE COMM OROVILLE REGION

Account Number

70-04-001

As of 07/15/2022, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 06/30/2022.

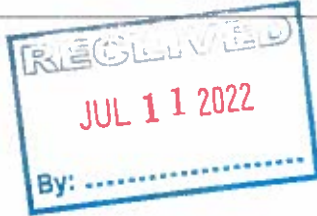
Earnings Ratio		.00002057622201151
Interest Rate		0.75%
Dollar Day Total	\$	1,353,471,490.90
Quarter End Principal Balance	\$	15,444,196.58
Quarterly Interest Earned	\$	27,849.33



P.O. Box 942715, Sacramento, CA 94229-2715
 888 CalPERS (or 888-225-7377) | Fax: (800) 959-6545
 TTY: (877) 249-7442
www.calpers.ca.gov

California Public Employees' Retirement System

July 01, 2022



Lauri J Pittman
 Sewerage Commission-Oroville Region
 P.O. BOX 1350
 OROVILLE, CA 95965

Business Unit: 1900
 CalPERS ID: 5964218828
 Invoice Number: 100000016852227
 Invoice Date: July 01, 2022
 Payment Due Date: July 31, 2022

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2020 Actuarial Valuation for Rate Plan Identifier 1121.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table border="0"> <tr> <td>Amount</td> <td>Due Date</td> </tr> <tr> <td>\$17,591.75</td> <td>July 31, 2022</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of \$204,079.00 to the invoice number above by July 31, 2022 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2020 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting www.mycalpers.ca.gov</p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</p>	Amount	Due Date	\$17,591.75	July 31, 2022	
Amount	Due Date				
\$17,591.75	July 31, 2022				
Total Due	\$17,591.75				





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California Public Employees' Retirement System

July 01, 2022

Lauri J Pittman
 Sewerage Commission-Oroville Region
 P.O. BOX 1350
 OROVILLE, CA 95965

Business Unit: 1900
 CalPERS ID: 5964218828
 Invoice Number: 100000016852237
 Invoice Date: July 01, 2022
 Payment Due Date: July 31, 2022

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2020 Actuarial Valuation for Rate Plan Identifier 26718.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table border="0"> <tr> <td>Amount</td> <td>Due Date</td> </tr> <tr> <td>\$42.58</td> <td>July 31, 2022</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of \$494.00 to the invoice number above by July 31, 2022 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2020 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting www.mycalpers.ca.gov</p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</p>	Amount	Due Date	\$42.58	July 31, 2022	
Amount	Due Date				
\$42.58	July 31, 2022				
Total Due	\$42.58				





Primary Influent Pump Station No. 2 Monthly Progress Report – June 2022

To: Glen Sturdevant – SC-OR
Cc: Mikah Salsi – SC-OR
From: Simon Gray – Coleman Engineering
Cody Tom – Coleman Engineering
Jess Bonham – Coleman Engineering
Alexander Yalong – Coleman Engineering
Date: July 20, 2022
Project: Sewerage Commission of Oroville Region – Primary Influent Pump Station #2
Subject: Construction Phase Monthly Progress Report - June 2022

This monthly progress report summarizes construction activity and progress for the Primary Influent Pump Station No. 2 Contract during the month.

1. Construction Contract Details

- Contract Title: Sewerage Commission – Oroville Region: Primary Influent Pump Station No.2
- Contractor: Gateway Pacific Contractors, Inc.
- Original Contract Price: \$7,171,451.00
- Executed Change Orders to Date: \$0.00
- Current Contract Price: \$7,171,451.00
- Notice-to Proceed: Monday August 23, 2021
- Original Substantial Completion and Ready For Final Payment: Thursday August 18, 2022.
- Contractor Proposed Substantial Completion and Ready For Final Payment: Friday November 25, 2022.

2. Construction Activity and Progress Against Schedule During the Month

The table below shows tasks from the Contractor's Construction Schedule during May and June 2022. Milestones shown below are now based on a construction schedule prepared on April 18,

2022 by Gateway Pacific. The updated construction schedule was received by the Engineer on April 14, 2022 and remains unapproved. The updated schedule shows that the civil and electrical work are projected to finish by November 25, 2022, approximately three months after the contractual date for Substantial Completion.

The previous schedule showed the completion of non-electrical elements (civil, structural, mechanical) by the contractual Substantial Completion date of August 18, 2022. However, the updated schedule no longer shows this: it extends the civil and mechanical tasks to suit the electrical delivery dates. Schedule delays are detailed as follows.

- Multiple leak tests were performed on the two diversion boxes and bar screen structure during the month. The leak tests have all resulted in non-compliance and this issue has affected the schedule as many items are red in the chart below. However, after the many efforts made by Gateway Pacific, the leaks have now been resolved.

The updated schedule has not been approved and, subject to Gateway's response, no extension of time is warranted at this time.

Following a meeting in May that addressed replacing the prefabricated electrical building with a traditional CMU building (given potentially significant savings in both schedule and cost), we prepared an electrical CMU building layout based on the site and electrical plans included in the Contract Plans. We modified the main access door to be 6 feet wide and 8 feet tall to allow for equipment entry and exit. Gateway, Central Sierra Electric and Tesco worked on costing and schedule justifications during the month.

Task	Scheduled	Completed	Notes
Install Piping between Pump Station and Screening Structure	Mar-14 through May-06	June-23	
Install 6" Drain Piping @ Primary Clarifier #2	Apr-18 through Apr-29		Not completed.
Backfill in the Shoring	Apr-18 through Jun-08		Partially complete. On June-27, slurry was poured to cover all piping and penetrations. June-28, dirt backfilling process began.
Water Test Diversion Box	May-02 through May-06		Partially complete. Multiple leaks still visible at concrete joints between precast concrete structures.
Set-Up/Run Bypass	May-02 through		Not completed.

	May-04		
Water Test Meter Vault	May-02 through May-06		Not completed.
F/R/P Pump Station Top Deck	May-02 through May-13		Partially complete. On June-27, the Contractor installed the forms over the pump station top and sidewalls.
Cut 42" DIP	May-05 through May-06		Not completed.
Install Meter Vault Sump Pump	May-09 through May-11		Not completed.
Backfill @ Pump Station	May-16 through May-27		Partially complete. On June-27, slurry was poured to cover all piping and penetrations. June-28, dirt backfilling process began.
Remove Shoring	May-30 through June-14		Not completed.
Install Slide Gates	June-13 through June-15		Not completed.
Excavate Pond Meter Flow Vault	June-15 through June-17	June-9	Completed.
Water Test Screening Vault	June-16 through June-22	June-10	Completed.
F/R/P Pond Vault SOG	June-20 through June-24		Not completed.
Install Screening Metals	June-23 through June-29		Not completed.

Green = Completed on time

Red = Completed behind schedule

According to the unapproved updated construction schedule, the Contractor has failed to complete many of the task items that were projected to be finished this month. It is difficult to say whether the Contractor is still on schedule for a November 25th project completion,

though this is subject to potential schedule savings through use of a CMU Building to house the electrical equipment.

3. Construction Issues Resolved During the Month

- The Contractor discovered during watertightness testing that diversion box #2 leaked significantly between the precast concrete sections. We believe this was caused by inadequate or inefficient sealant or Ram-Nek being placed between precast concrete sections. To mitigate this issue, the Contractor first decided to inject water activated epoxy. When this was unsuccessful, the Contractor tried drilling into the upper precast structure to inject epoxy into possible cracks in the structure. This proved to be unsuccessful as well, so the Contractor decided to lift the upper precast concrete section to investigate the area of concern more closely. After using the crane to lift the precast, it was found that there was no Ram-Nek present where the leaking was occurring. To resolve this issue, two lines of Ram-Nek were laid, and the precast section was lowered back into place. The Diversion Boxes were both refilled with water and the area of leaking was sealed between the precast sections.

4. Construction Expenditures vs. Current Contract Price

The Contractor submitted its Application and Certificate for Payment No. 5 on May 31, 2022 in the sum of \$123,500.00. Payment was claimed for form/reinforce/pour pump station vault, excavate/subgrade pond vault, HRS metering vault piping, and flow control vault piping. The Application was sent to SC-OR on June 20, 2022 for approval. All applications for payment represent payment of 39% of the current contract price.

5. Contractor’s Lookahead Schedule

Per the construction schedule prepared on April 18, 2022 by Gateway Pacific, the Contractor plans to complete the following construction activities over the next two months:

Task	Scheduled Completion	Notes
Install Pond Flow Meter Piping	July-01	June-16, Pond Flow Meter Piping installed, except for meter. Spool is installed temporarily.
Set Pond Vault Precast Walls	July-06	June-24, Precast Walls were set
F/R/P Pump Station Top SOG	July-11	To be updated
F/R/P Pond Vault Top Deck	July-13	To be updated
Water Test Pond Vault	July-18	To be updated
Backfill Pond Vault	July-21	To be updated
Excavate Flow Control Vault	July-26	To be updated

Install Pump Station Piping	August-01	To be updated
F/R/P Flow Control SOG	August-02	To be updated
Install Flow Control Piping	August-09	To be updated
Set Flow Control Precast Walls	August-11	To be updated
F/R/P Flow Control Vault Top Deck	August-18	To be updated
Install Monorail System	August-22	To be updated
Water Test Flow Control Vault	August-23	To be updated
Install Monorail Crane	August-25	To be updated
Backfill Flow Control Vault	August-26	To be updated
Install Yard Piping	August-29	To be updated
Excavate HRS Vault	August-31	To be updated

6. Engineering Expenditure vs. Budget

Coleman Engineering has expended \$334,078 to date for construction contract administration, construction management, project management and construction observation and resident engineer inspection, including subconsultant expenses. This represents 45.7% of the Engineering Services During Construction budget of \$731,051.

7. Construction Photos



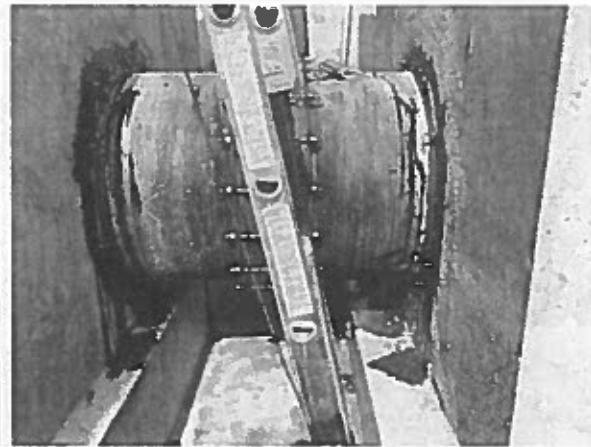
The Contractor finishes installment of rebar for concrete pad in Flowmeter Vault.



The Contractor smooths out concrete pad after concrete pour is performed.



The Contractor assembles formwork for Wet Well SOG.



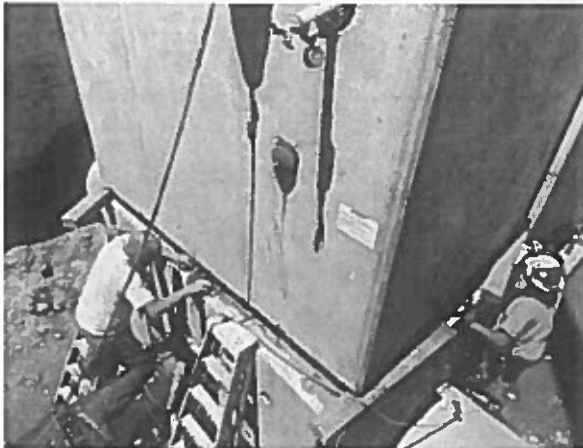
The Contractor injects epoxy at all pipe penetrations going into Diversion Boxes and Bar Screen Structures.



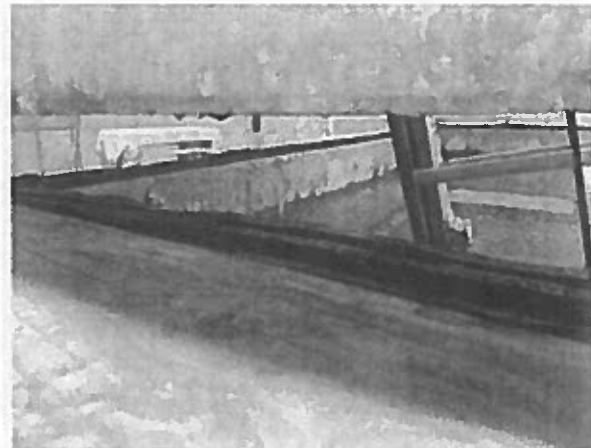
Large leak coming from Northeast corner of Diversion Box #2.



The Contractor expands Pond Meter Vault Excavation.



The Contractor lifts upper precast concrete section of Diversion Box #2 to investigate large leaking area.



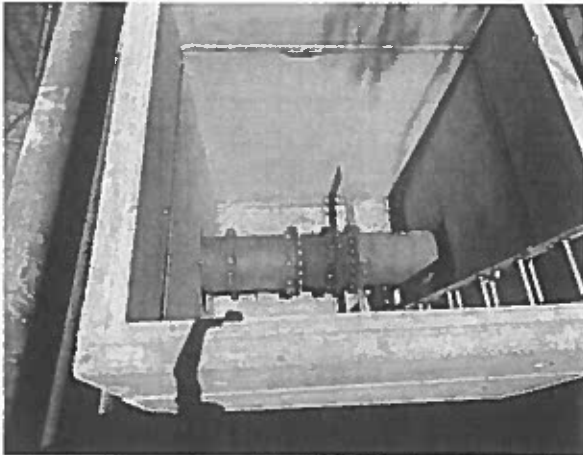
Two lines of Ram-Nek laid out to seal Diversion Box #2 between the two precast concrete sections.



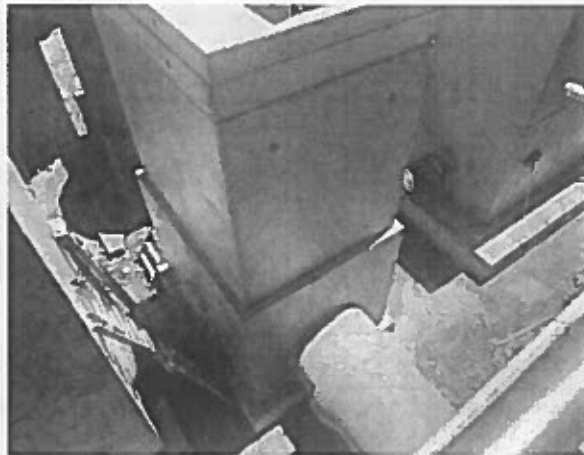
The Contractor installs precast concrete sections for the Pond Meter Vault



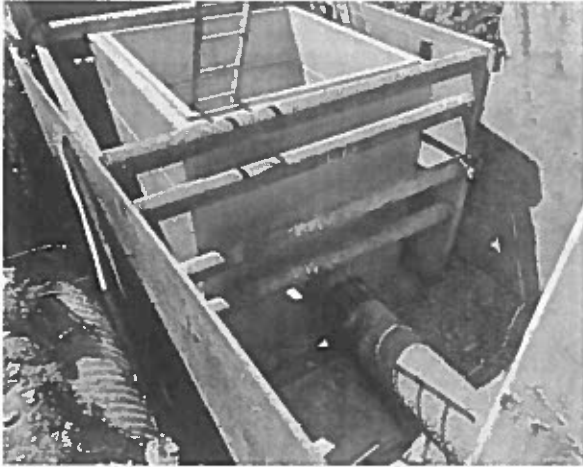
Precast Concrete lids are temporarily placed over both Diversion Boxes.



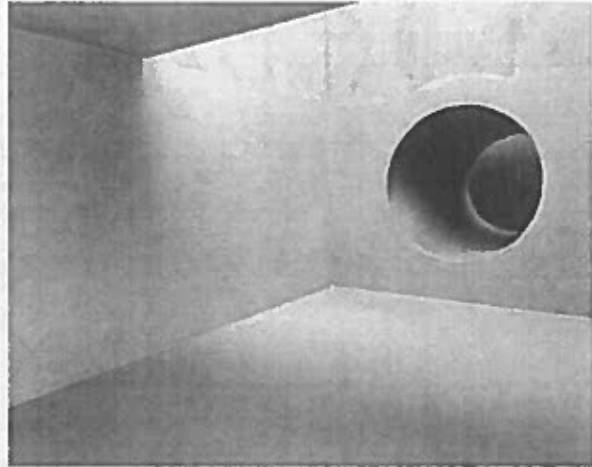
The Contractor installed 20" DIP inside Pond Meter Vault.



Exterior walls of Metering Vault and Diversion Boxes are coated with elastomeric waterproof membrane.



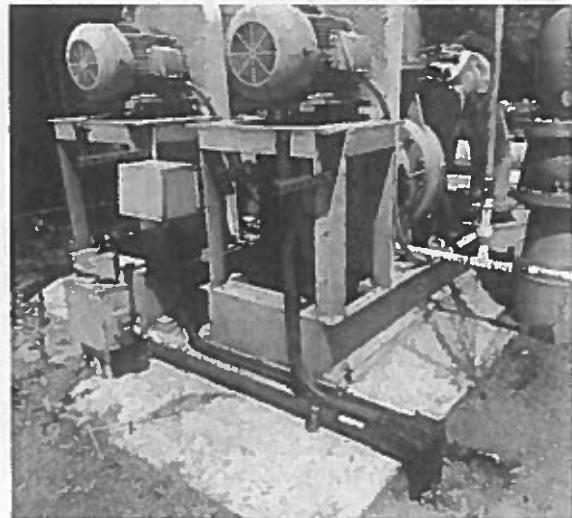
Exterior walls of Pond Meter Vault are coated with elastomeric waterproof membrane.



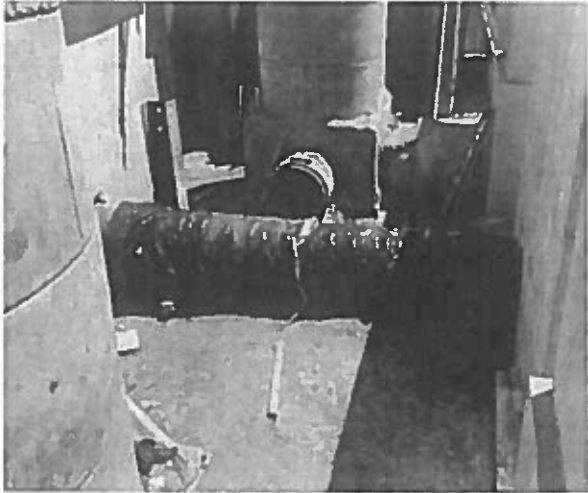
Interior walls of Bar Screen Structure are coated with elastomeric waterproof membrane below deck.



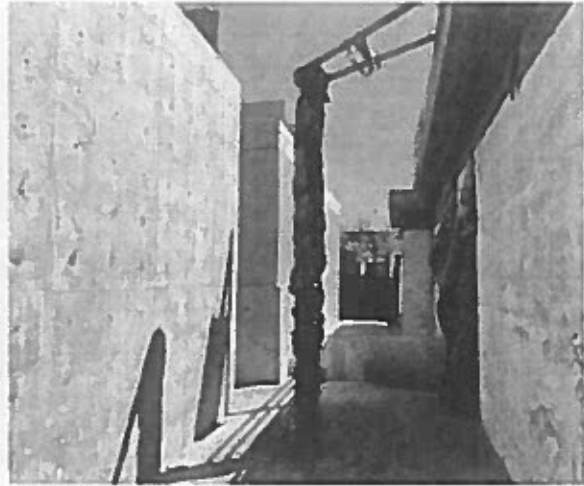
Slurry is poured into the excavation up to the bottom of the pipe penetrations.



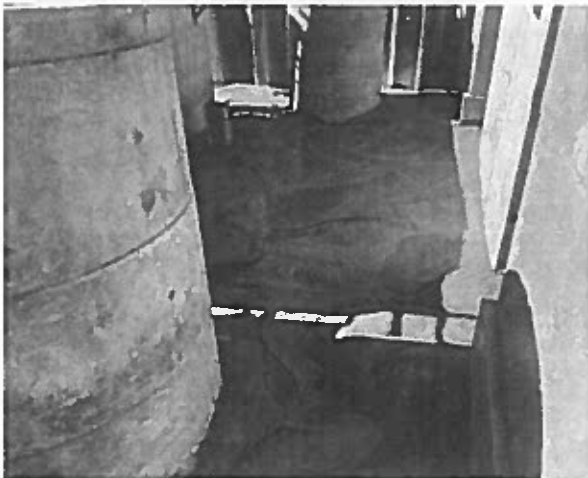
Central Sierra works on conduit routing at Auxiliary Pump Stations.



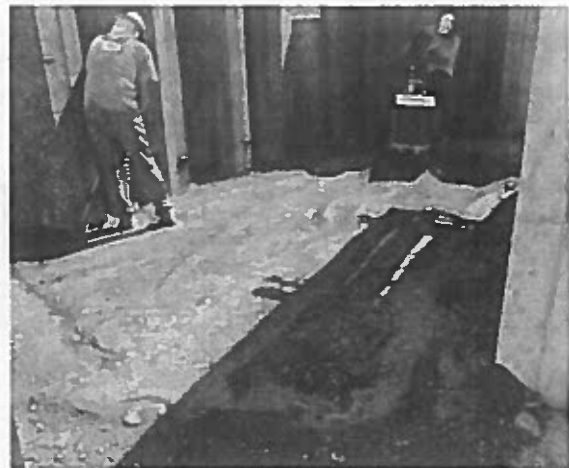
The Contractor installs 36" DIP between Bar Screen and Wet Well Structures.



The Contractor constructs 8" DIP Sampling Access Pipe west of Bar Screen Structure.



Slurry is poured in the excavation to cover all piping.



The Contractor begins the dirt backfilling and compaction process around the Wet Well Structure.

Environmental Compliance Report

To the SC-OR Commissioners and Staff from Kendra Morgan

July 21, 2022

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTIONS

The dischargers submitted their monthly flow reports for June 2022. RCBS has continued suspending discharge from their tumbling line until they can maintain the BOD under their limit. All other dischargers and lines appear to be in compliance with their permits.

We also received the first 2022 semi-annual report from Chico Metals, and the second quarter (Q2) report from GPI. Everything appears to be in order.

ENFORCEMENT

There are no enforcement items to report.

ACTIVITIES

A meeting was held with LOAPUD, State Parks and the Bidwell Marina on July 20, 2022 at SC-OR. They are both in the process of submitting applications for P2 permits. Jared Rael, the General Manager of Bidwell Marina, is working on constructing a site map and will submit this with his application permit. Chelsea is working on applications for State Parks. In order to keep track of what is at each location, we've asked her to submit a separate application for each site: Loafer Creek, North Forebay, and Bidwell Canyon. Both entities are also going to submit a copy of the Best Management Practices that are posted or advised to consumers when they use each facility/location.

All other operations continued as normal in the laboratory and environmental areas.

Sewerage Commission - Oroville Region

Monthly Flows Report - June 2022

Name of Agency	Total Monthly Flow (MG)	Average Daily Flow (MG)	Total Peak Flow (MG)	Date of Peak Flow
SC-OR Plant Total	70.728	2.358	6.60	6/5/2022
Lake Oroville Area P.U.D.	20.936	0.698	1.30	6/5/2022
Thermalito Water and Sewer	9.441	0.315	1.00	6/5/2022
City of Oroville	40.351	1.345	4.47	6/21/2022

Septage Pumpers 0.1236 Million Gallons/Month

Monthly Rainfall .5 Total Inches/Month