Manager's Report

To the SC-OR Commissioners by Glen Sturdevant on March 16, 2022

Operations & Maintenance

There were no major operational or maintenance related issues this month. Duke Sherwood Contracting finished the repair of our trunk line on Hwy 162; all went great and came in under the quoted cost of \$40,000.00.

We pulled our quarterly samples, and are now switching gears into dewatering our storage ponds, then drying and removing our solids for disposal at the landfill.

Election of Chairman

With the appointment of Commissioner Scott Thomson replacing former Commissioner Dave Pittman, there needs to be an election to select a Chairman of our Board. It is still the City of Oroville's rotation to hold the Chair, so the board will elect either Commissioner Reynolds or new Commissioner Thomson to assume the City's term as Chair.

JPA Meeting

We held a JPA managers' meeting at the SC-OR plant on Thursday March 17, 2022. We discussed current issues involving the JPA and its member entities, as well sharing what projects are coming up in the future for all JPA members.

2022/23 Proposed Budget

If there are no issues with the proposed 22/23 budget that was handed out at the last meeting, then I will ask the Board to approve and adopt it.

Update to the Risk Management Plan (RMP)

During an audit performed by the County, we found that our Risk Management Plan was out-of-date and needed updates to maintain compliance. We asked for and received a quote from Coleman Engineering to update the RMP at a cost not to exceed \$10,000.00. I am now asking the board to approve the contract to have Coleman update the RMP.

MINUTES OF THE REGULAR MEETING OF THE SEWERAGE COMMISSION - OROVILLE REGION

(Held at the Commission office on February 23, 2022 at 5:00 p.m.)

Call to Order ❖

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

2. Roll Call ❖

Commissioners present were Commissioners Fairbanks and Mastelotto from the Lake Oroville Area Public Utility District, Reynolds from the City of Oroville, Hatley and Wristen from the Thermalito Water and Sewer District. Staff present was Manager Glen Sturdevant, Plant Supervisor Mikah Salsi, and Attorney Scott Huber. We are short one Commissioner, as the newly appointed Commissioner has not been sworn in yet because he was unavailable.

3. Salute to the Flag ❖

Manager Glen Sturdevant led the commissioners and staff in the salute to the flag.

4. Acknowledgment of Visitors �

Ted Couch from Jacobs Engineering was in attendance.

5. Board Meeting Minutes of the Regular Meeting held on January 26, 2022

Upon motion by Commissioner Hatley to approve the minutes of the meeting, and seconded by Commissioner Reynolds, the minutes of the January 26, 2022 regular meeting were unanimously approved.

Authorization of Warrants ❖

Chairman Wristen 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 27255-27299 in the total amount of \$954,327.35 from January 27, 2022 to February 23, 2022, including Commissioner fees and electronic fund transfers, were unanimously approved and ordered paid.

7. Fiscal Reports ❖

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

8. Meeting Schedule Options for calendar Year 2022 for Consideration and Approval �

Manager Sturdevant said that at last month's meeting there was discussion regarding changing the regular meeting schedule from the 4th Wednesday of each month to the 4th Tuesday of each month. This would also change the November and December dates from November 16th to the 15th, and December 21 to the 20th to avoid conflict with the holidays. Commissioner Hatley said they discussed this at the TWSD board meeting and it will work for him and the board member scheduled to replace him in July. Commissioner Mastelotto said it will work for LOAPUD also.

Commissioner Reynolds made a motion to adopt the new meeting schedule for 2022, moving the monthly meetings to the 4th Tuesday of each month with the exception of November and December which will be moved to November 15 and December 20, 2022. The motion was seconded by Commissioner Hatley, and passed by unanimous consensus.

9. Consider Awarding contract for Integration of the Control System for the New Influent Pump Station to Jacobs Engineering ❖

Manager Sturdevant reported that we are getting to the end stages of the influent pump station construction, so it is time to determine who will integrate the control strategy and control system. After staff reviewed the proposals submitted, their recommendation is to award Jacobs Engineering the contract. The main reason they chose Jacobs is that they have designed the entire upgrade, and with the upgrade we will get Supervisory Control and Data Acquisition (SCADA) software. We would like a seamless transition once the upgrade is completed. If we have the same company that designed it do the integration it should be as seamless as it can be.

A motion was made by Commissioner Hatley to award the contract for Integration of the Control System for the New Influent Pump Station to Jacobs Engineering for an amount not to exceed \$156,500. The motion was seconded by Commissioner Reynolds, and passed by unanimous consensus.

10. Repayment of Funds Expended from the Capital Outlay Reserve for the Construction of the Solar Array ❖

Manager Sturdevant stated that in 2003 SC-OR borrowed from itself \$2,000,000 to build our solar array, and every year we pay ourselves back with the savings from the solar array. This year is the final payment of \$108,791, and SC-OR will have paid itself back with the investment that manager Ray Sousa made in 2003. The system saves us about 70% of what the PG&E bill would be if we didn't have it.

Commissioner Reynolds made a motion to approve the transfer of solar funds to the Capital Outlay Reserve for the Construction of the Solar Array in the amount of \$108,791, the final payment. The motion was seconded by Commissioner Wristen and passed by unanimous consensus.

11. Attorney's Report 4

Attorney Huber stated he will say what he has to report in the closed session.

12. Manager's Report •

Manager Sturdevant reported that he has given each Commissioner the proposed budget for the next fiscal year. He would like them to review it and call with any questions. If they are fine with it, he will agendize it at the next meeting for adoption. He alerted them to certain line items for their consideration.

13. Visitor Comments �

Ted Couch thanked the Commissioners for awarding Jacobs Engineering the contract for the Integration of the Control System for the New Influent Pump Station.

14. Commissioner and Staff Comments *

None

15. Closed Session ❖

Adjourned to closed session at 5:26 pm and reconvened to open session at 5:46. Vice-Chair Fairbanks reported that there was no reportable action taken.

17. Adjournment �

There being no further business, the meeting was adjourned at 5:47 p.m. to the regular meeting scheduled for March 23, 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 March 11, 2022)

On Friday, March 11, 2022, safety training was held. In attendance were: Manager Glen Sturdevant, Lead Operator Mitch Maxwell, Plant Operators Josh Sorenson and Chris Wright, OIT's Joe Battaglia, Mike Klemm and Mark Roach, and Administrative Assistant Lauri Pittman.

Lead Operator, Mitch Maxwell, called the meeting to order at 2:57. He distributed Procedure instructions for part of the IIPP (Injury & Illness Prevention Program). The procedures to review were:

- o Chemical Delivery
- o Chemical hookup SO₂
- o Chemical hookup CL2
- Self-Contained Breathing Apparatus Donning/Doffing (SCBA)

He reviewed the forms that needed to be completed during the monthly inspection.

Mitch asked if there were any safety concerns or needs. Chris Wright asked for new pigtail tags. Mitch said he would order them.

The meeting was adjourned at 3:11 p.m.

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

DESCRIPTION	Adopted Budget 2021/22	Expended This Month	Expended Through 02.28.2022	Balance of Funds Remaining	Time Left 33%
DECOM: HON	LUL IILL	MOIILI	VL.LU.LULL	rtemaning	33 70
SALARIES & WAGES	770,800	60,056.38	493,855.35	276,944.65	36%
EMPLOYEE BENEFITS	639,473	12,413.03	464,760.02	174,712.98	27%
COMMISSIONERS' FEES	43,200	3,600.00	28,800.00	14,400.00	33%
CMSNRS FICA & MEDICARE	3,305	275.40	2,203.20	1,101.80	33%
GAS, OIL & FUEL	30,000	967.87	13,327.20	16,672.80	56%
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	4,625.12	9,909.06	(1,409.06)	-17%
OPERATING SUPPLIES	164,250	1,630.12	63,070.09	101,179.91	62%
PROFESSIONAL SERVICES	134,200	0.00	71,263.52	62,936.48	47%
PRINTING & PUBLICATIONS	3,000	0.00	0.00	3,000.00	100%
REPAIRS & MAINTENANCE	115,000	2,849.57	77,162.69	37,837.31	33%
BIOSOLIDS DISPOSAL	35,000	0.00	6,087.50	28,912.50	83%
MONITORING & COMPLIANCE	70,000	6,618.64	47,493.09	22,506.91	32%
TRAINING & MEETINGS	16,000	261.84	7,118.93	8,881.07	56%
UTILITIES	404,650	392,465.28	414,319.11	(9,669.11)	-2%
TOTAL OPERATING	2,527,228	485,763.25	1,785,326.58	741,901.42	29%
Engineering Fees Legal Fees Auditing Fees Permits Miscellaneous	0.00 0.00 0.00 0.00 0.00				

SEWERAGE COMMISSION - OROVILLE REGION

REVENUE SUMMARY - FISCAL YEAR 2021/2022

	Received	Received		Restricted	Regulatory &	Restricted	Restricted	Restricted
DESCRIPTION	I nis Month	1 nrougn 02.28.22	Unrestricted Funds	W.C.K.F. Funds	Capital Acct. Funds	Cap. Outlay Funds	Anni. M&O Funds	Funds
SERVICE CHARGES	107.10	107.10 1,039,879.75	931,088.75			108,791.00		
SEPTAGE DUMPERS	14,510.16	55,569.97	55,569.97					
EX. PEAK FLOWS	00.00	00.00				0.00		
EX. MO. FLOWS	00:00	0.00	00.00					
OTHER AGENCIES	00.00	19,129.70	19,129.70					
RFC CHARGES	00:00	713,983.28				713,983.28		
INTEREST	0.00	17,512.66	1,609.44	1,059.19	2,212.80	12,620.02	0.00	11.21
RCA (Regulatory & capital ac	00.00	587,149.50			587,149.50			
WCRF	0.00	39,143.30		39,143.30				
TOTALS	14,617.26	14,617.26 2,472,368.16	1,007,397.86	40,202.49	589,362.30	835,394.30	0.00	11.21

Updated 3/10/2022 by Lauri Pittman

ACTIVE & IMACTIVE CASH - MONTHLY RECAP

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANDARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
Cash - Unrestricted Cash - Restricted WCRF R&CA Cap. Outlay Annl. M & O	3,393,318.95 785,169.15 1,611,695.10 9,785,784.73 300,000.00 8,470.32	3,180,641.16 785,169.15 1,609,185.40 9,785,784.73 300,000.00 8,470.32	3,048,225.09 785,708.48 1,526,150.70 9,740,812.59 300,000.00 8,476.10	3,604,012.45 805,275.23 1,809,513.71 8,586,646.84 300,000.00 8,476.10	3,467,828.76 805,275.23 1,809,513.71 9,052,473.14 300,000.00 8,476.10	3,339,133.74 805,795.09 1,805,822.85 8,577,003.17 300,000.00 8,481.53	3,520,731.37 825,371.64 2,096,793.70 8,561,897.32 300,000.00 8,481.53	2,941,611.86 825,371.64 2,087,550.82 8,210,357.13 300,000.00 8,481.53				
TOTAL CASH	15,884,438.25	15,669,250.76	15,409,372.96	15,113,924.33	15,113,924.33 15,443,566.94	14,836,236.38	15,313,275.56 14,373,372.98	14,373,372.98				
INTEREST ALLOCATED: Unrestricted Reserve/CO Reserve/A&O Reserve/F&P Reserve/F&P		k	542.49 539.33 6,892.69 0.00 5.78 1,047.68			1,066.94 519.86 5,727.35 0.00 5.43 1,165.11						
CONSISTING OF: Checking Account L.A.I.F. Account	1,806,282.75	21,095.26 15,648,155.50	70,189.49	1,061,740.86	552,383.47	70,052.91	773,607.40	33,704.82				
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	14,373,372.98				
% of Funds Invested	88.63%	99.87%	99.54%	92.98%	96.42%	99.53%	94.95%	99.77%				

Sewerage Commission - Oroville Region

Bank Reconciliation - Bank of America

Fiscal Year Ended 30 June 2022

BALANCE PER BANK

Ending Balance on Bank Statement 28-Feb-22 840,204.74

Less Outstanding Warrants (469,779.72)

Equals Adjusted Bank Balance at 28-Feb-22 370,425.02

BALANCE PER BOOKS

Beginning Prior Checkbook Balance 1-Feb-22 773,607.40

Deposits 1,251,449.18

Less Warrants Written (1,612,146.63)

Less Net Payroll Warrants (42,484.93)

Equals Adjusted Checkbook Balance 28-Feb-22 370,425.02



City of Oroville
CITY ADMINISTRATOR
1735 Montgomery Street
Oroville, CA 95965-4897
(530) 538-2433 FAX (530) 538-2468
www.cityoforoville.org

February 17, 2022

Sewerage Commission Oroville Region Glen Sturdevant Manager / Plant Superintendent 2880 South 5th Avenue Oroville Ca 95966

Manager Sturdevant,

At the February 1, 2022, meeting of the Oroville City Council, the Mayor appointed the Vice Mayor Scott Thomson to the SCOR board. The Council accepted the appointed and voted to approve the appointment.

Mayor Reynolds will be the voting member for the City of Oroville. Vice Mayor Thomson will be the non-voting member for the City of Oroville.

Thank you for your help with this matter

Bill LaGrone

City Administrator

City of Oroville



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

To: Glen Sturdevant – SC-OR

Cc: Mikah Salsi – SC-OR

From: | Simon Gray – Coleman Engineering

Cody Tom – Coleman Engineering
Jess Bonham – Coleman Engineering

Date: | March 3, 2022

Project: | Sewerage Commission of Oroville Region – Primary Influent Pump Station #2

Subject: | Construction Phase Monthly Progress Report - February 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

- <u>Contract Title</u>: 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
- Substantial Completion and Ready For Final Payment: Thursday August 18, 2022.

2. Construction Activity and Progress Against Schedule During the Month

The table below shows tasks from the Contractor's Construction Schedule during February 2022. Milestones shown below are now based on a construction schedule prepared on January 31, 2022 by Gateway Pacific. The updated construction schedule was not received by the Engineer until February 11, 2022. The schedule shows that the civil work is projected to finish by October 21, 2022, and the electrical work by October 19, 2022, approximately two months



after the contractual date for Substantial Completion. Gateway has indicated about a month in rain and associated delays but has not formally claimed a delay for rain days. Coleman Engineering responded to Gateway on February 24, 2022 noting that it had rained for 14 days and that 5 days were lost due to a flooded excavation and has asked if they intend to claim for rain days. The schedule also shows some significant slippage in Submittals and Fabrication, though no explanation has been given. Coleman Engineering has also requested an explanation for this slippage, suspecting it may be due to supply chain issues. The updated schedule has not been approved and, subject to Gateway's response, no extension of time is warranted at this time.

Task	Scheduled	Completed	Notes
Install 6" Drain Piping @	Feb-7		Not completed.
Primary Clarifier #2	through		
	Feb-18		
Excavate Pond Flow Meter	Feb-16		Not completed.
Vault	through		
	Feb-18		
Form/Reinforce/Pour Pond	Feb-21		Not completed.
Vault SOG	through		
	Feb-25		
Form/Reinforce/Pour Pump	Feb-22	Feb-25	Completed 3.5 weeks ahead of
Station Walls	through		schedule.
	Mar-22		

Green = Completed on time Red = Completed behind schedule

Further time has been lost due to delayed Contractor submittals for precast structure fabrications. With the pump station wall pour being completed almost four weeks ahead of schedule, and with three incomplete tasks that were scheduled for the month of February, it is estimated that the Contractor is approximately three weeks behind schedule for the overall project. Coleman Engineering believes that the Contractor can make up the slippage, subject to current supply chain delays being promptly resolved.

3. Construction Issues Resolved During the Month

After the Contractor removed the formwork from the influent screening structure walls, significant honeycombing was visible at the base of the structure around pipe penetrations. Discussions with the Contractor revealed that problems had occurred during the pour with inadequate vibration at the base of the wall and around the penetrations: the vibrator became stuck at one point. The Contractor also did not use a tremie tube, meaning that there was significant free fall of fresh concrete and likely concrete segregation. Coleman Engineering believes that the Contractor was too ambitious trying to pour a thin wall of



significant height with substantial reinforcement in one lift and rushed the placement and compaction of concrete.

The Contractor has mitigated the honeycombing by removing it back to sound concrete and by pouring non-shrink grout into the voids. After the grout finished setting, the Contractor coated the patched areas with Xypex to prevent water penetration. A hydrostatic test will be performed on the screening structure per the Project Specifications to determine whether the structure is watertight.

The Contractor has acknowledged the problems and has advised that they would not reoccur with the pump station wet well wall pour. This pour took place on February 25, 2022 and went smoothly. The Contractor proceeded much more slowly with concrete placement and vibration and used a tremie tube. The cast walls will be inspected when the forms are struck on March 4, 2022.

4. Construction Expenditures vs. Current Contract Price

The Contractor submitted its Application and Certificate for Payment No. 3 on January 31, 2022 in the sum of \$356, 250.00. Payment was claimed for dewatering setup, maintain dewatering system, excavating inside shoring pit, subgrade/base understructures, form/reinforce/pour bar screen structure and pump station vault. The Application was sent to SC-OR on February 9, 2022 for approval. All applications for payment represent payment of 25% of the current contract price. Application and Certificate for Payment No. 4 has yet to be received.

5. Contractor's Lookahead Schedule

Per the construction schedule prepared on January 31, 2022 by Gateway Pacific, the Contractor plans to complete the following construction activities over the next two months:

Task	Scheduled Completion	Notes
Form/Reinforce/Pour Pump Station Walls	Mar-11	Completed on February 25.
Set Diversion Precast	Mar-16	
Setup/Run Bypass	Mar-21	
Water Test Diversion Box	Mar-23	-
Cut 42" DIP	Mar-23	Piping has been uncovered to show 42" RCP
Install Meter Vault Piping	Mar-25	
Form/Reinforce/Pour Pump Station Top Deck	Mar-25	



Install Piping Between	Mar-25	
Pump Station and		
Screening Structure		
Set Meter Vault Precast	Mar-30	-
Water Test Meter Vault	Apr-6	
Install Meter Vault Sump	Apr-11	
Pump		
Backfill @ Pump Station	Apr-15	
Backfill in the Shoring	May-4	Scheduled to begin Apr-18

6. Engineering Expenditure vs. Budget

Coleman Engineering has expended \$203,123 to date for construction contract administration, construction management, project management and construction observation and resident engineer inspection. This represents 27.8 % of the Engineering Services During Construction budget of \$731,051.



7. Construction Photos



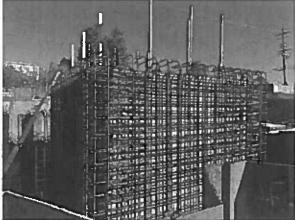
Outer formwork was removed from the bar screen structure and revealed honeycombing at its base.



Inner formwork was removed from the bar screen structure and revealed significant honeycombing at penetrations. There was inadequate vibration around and below the penetrations: the Contractor advised that the vibrator became stuck at one point.



Honeycombing was patched with Sikacrete grout.

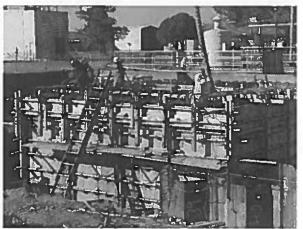


Pump station inner formwork and rebar was completed.





Pump station outer formwork was completed.



Pump station concrete pour was completed.



JACOBS

Mr. Glen Sturdevant, Manager/Superintendent Sewerage Commission – Oroville Region P.O. Box 1350 Oroville, California 95965

March 16th, 2022

Subject: Progress Report - General Consulting, and Influent Pump Station Design

Dear Glen,

This progress report for engineering services related to General Consulting and Influent Pump Station Design covers work performed from November 27th, 2021 through February 25th, 2022. Our invoices for services performed during this period are provided in the associated email.

Work performed during this period includes the following:

- TO 29 Auxiliary Influent Pump Station
 - o Meetings and discussion on programming, commissioning and integration
- TO 20 General Consulting
 - o Bi-weekly check-in calls
- On-going project management and administrative tasks

If you have any questions regarding this progress report, please call me at 650-644-5948.

Regards,

Ted Couch

Ted Couch, P.E. Project Manager





Mr. Glen Sturdevant, Manager/Superintendent Sewerage Commission – Oroville Region P.O. Box 1350 Oroville, California 95965

March 14th, 2022

Subject: Progress Report #7- Engineering Services for Task Order No. 36 - Ruddy Creek Lift Station

Design

Project No.: D3538600

Dear Glen,

This progress report for engineering services related to the Ruddy Creek Lift Station Design.

Design covers work performed from January 29, 2022, through March 04, 2022. Our invoices for services performed during this period are provided in the associated email.

Work performed during this period includes the following:

- Development and QC of 90% design (Drawings and Specs)
- Submission of 90% design (Drawings and Specs) scheduled for 03/18/22.
- On-going project management and administrative tasks.

Schedule Impacts

None at this time.

Cost Impacts

Additional PM works for the site survey conducted on December 7th and 8th, and for the design of magmeter and vault.

LABOR:						
Employee Name		Hours		Rate	Amount	
CAVE, DAVID J	Magmeter Installation Vault	10.00	5	215.36	5	2,153.60
HORNBY, JULIA E	Magmeter Installation Vault	16.00	5	235.06	5	3,760.96
SPANVI, KASRA	Site Survey	16.00	s	292.47	S	4,679.52
Total Labor		42.00			5	10,594.08

Scope Impacts

None at this time.

If you have any questions regarding this report, please feel free to contact us.

Sincerely,

Kasra Spanvi Project Manager Jacobs

K-Spull

Environmental Compliance Report

To the SC-OR Commissioners and Staff from Kendra Morgan

March 22, 2022

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTIONS

The dischargers submitted their monthly flow reports for February 2022. RCBS has continued suspending discharge from their Tumbling Line until they can maintain the BOD under their limit. They are continuously testing the line to check for consistent compliance, and looking into their system for possible causes of increased BOD.

Once we have determined that their results are satisfactory and remain in compliance, we will issue a newspaper announcement for this violation (per the Code of Federal Regulations).

All other dischargers and lines appear to be in compliance with their permits.

ENFORCEMENT

There are no enforcement items to report.

ACTIVITIES

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

Sewerage Commission - Oroville Region Monthly Flows Report - February 2022

Name of Agency	Total Monthly Flow (MG)	Average Daily Flow (MG)	Total Peak Flow (MG)	Date of Peak Flow
SC-OR Plant Total	64.798	2.314	5.00	2/1/2022
Lake Oroville Area P.U.D.	21.267	0.760	1.30	2/13/2022
Thermalito Water and Sewer	11.893	0.425	1.15	2/3/2022
City of Oroville	31.638	1.130	2.80	2/1/2022

Septage Pumpers	0.1218_N	Million Gallons/Month
Monthly Rainfall	.2	Total Inches/Month