

**SOUTH SAN LUIS OBISPO COUNTY
SANITATION DISTRICT**

Post Office Box 339, Oceano, California 93475-0339
1600 Aloha, Oceano, California 93445-9735
Telephone (805) 489-6666 FAX (805) 489-2765
www.sslocsd.us

**AGENDA
BOARD OF DIRECTORS MEETING
Arroyo Grande Council Chambers,
215 East Branch Street,
Arroyo Grande, California 93420**

Wednesday, March 6, 2024, at 6:00 p.m.

Board Members

Linda Austin, Chair
Caren Ray Russom, Vice Chair
Karen Bright, Director

Agencies

Oceano Community Services District
City of Arroyo Grande
City of Grover Beach

Alternate Board Members

Charles Varni, Director
Lan George, Director
Clint Weirick, Director

Oceano Community Services District
City of Arroyo Grande
City of Grover Beach

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- 1. CALL TO ORDER AND ROLL CALL**
 - 2. PLEDGE OF ALLEGIANCE**
 - 3. AGENDA REVIEW**
 - 4. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON AGENDA**

This public comment period is an invitation to members of the community to present comments, thoughts or suggestions on matters not scheduled on this agenda. Comments should be limited to those matters which are within the jurisdiction of the District. The Brown Act restricts the Board from taking formal action on matters not published on the agenda. In response to your comments, the Chair or presiding Board Member may:

- Direct Staff to assist or coordinate with you.
- Direct Staff to place your issue or matter on a future Board meeting agenda.

Please adhere to the following procedures when addressing the Board:

- Comments should be limited to three (3) minutes or less.
- Your comments should be directed to the Board as a whole and not directed to individual Board members.
- Slanderous, profane or personal remarks against any Board Member, Staff or member of the audience shall not be permitted

Any writing or document pertaining to an open-session item on this agenda which is distributed to a majority of the Board after the posting of this agenda will be available for public inspection at the

time the subject writing or document is distributed. The writing or document will be available for public review in the offices of the Oceano CSD, a member agency located at 1655 Front Street, Oceano, California. Consistent with the Americans with Disabilities Act (ADA) and California Government Code §54954.2, requests for disability-related modification or accommodation, including auxiliary aids or services, may be made by a person with a disability who requires modification or accommodation in order to participate at the above referenced public meeting by contacting the District Administrator or Bookkeeper/Secretary at (805) 481-6903. So that the District may address your request in a timely manner, please contact the District two business days in advance of the meeting.

5. CONSENT AGENDA:

The following routine items listed below are scheduled for consideration as a group. Each item is recommended for approval unless noted. Any member of the public who wishes to comment on any Consent Agenda item may do so at this time. Any Board Member may request that any item be withdrawn from the Consent Agenda to permit discussion or to change the recommended course of action. The Board may approve the remainder of the Consent Agenda on one motion.

5A. Approval of Warrants

5B. Approval of Meeting Minutes of February 7, 2024

6. ACTION ITEMS:

6A. WWTP REDUNDANCY PROJECT UPDATE

Recommendation: Receive and File.

6B. AUTHORIZE EXECUTION OF CONTRACT AMENDMENT #9 FOR WWTP REDUNDANCY PROJECT CONSTRUCTION PHASE DESIGN ENGINEERING SERVICES WITH KENNEDY/JENKS CONSULTANTS, INC., PENDING USDA CONCURRENCE

Recommendation: Authorize the District Administrator to execute a contract amendment for Construction Phase Design Engineering Services for the Wastewater Treatment Plant Redundancy Project with Kennedy/Jenks Consultants, Inc. in the amount of \$50,974, pending USDA concurrence.

6C. DISTRICT ADMINISTRATOR AND PLANT OPERATIONS REPORT

Recommendation: Receive and File.

7. BOARD MEMBER COMMUNICATIONS:

8. CLOSED SESSION:

Conference with Legal Counsel—Anticipated Litigation • Significant Exposure to Litigation Pursuant to 54956.9(d)(4): 1 case.

9. ADJOURNMENT

The next regularly scheduled Board Meeting April 3, 2024, 6:00 pm at the
Arroyo Grande Council Chambers,
215 E. Branch Street, Arroyo Grande, California 93420

WARRANT REGISTER
3/6/2024
FISCAL YEAR 2023/24

VENDOR	BUDGET LINE ITEM	DETAIL	WARRANT NO	ACCT	ACCT BRKDN	TOTAL
AGP VIDEO	PROFESSIONAL SERVICE	JANUARY 17, 2024	012924-7416	7080	460.00	460.00
ALLIED ADMINISTRATORS	DENTAL	MARCH 2024	7417	6025	1,103.68	1,103.68
ALLSTAR INDUSTRIAL	SAFETY SUPPLY'S	3075	7418	8056	472.83	472.83
AMIAD USA	EQUIPMENT MAINTENANCE	7300122301	7419	8030	550.77	550.77
ARAMARK	EMPLOYEE UNIFORMS	01/22/24; 01/29/24	7420	7025	1,050.32	1,050.32
AT&T MOBILITY	COMMUNICATIONS	12/03/23-01/02/24	7421	7013	80.48	80.48
BRENNTAG	PLANT CHEMICALS	MULTIPLE	7422	8050	23,461.95	23,461.95
CARQUEST	AUTOMOTIVE	7314-1414546	7423	8032	22.08	22.08
CHARTER COMMUNICATIONS	COMMUNICATIONS	01/29/24-02/28/24	7424	7013	319.96	319.96
CITY OF ARROYO GRANDE	AGENCY BILLING	OCTOBER TO DECEMBER	7425	7073	5,555.00	5,555.00
CULLIGAN CCWT	RENTAL EQUIPMENT	85364	7426	7032	60.00	60.00
EVERYWHERE RIGHT NOW	COMPUTER SUPPORT	FEBRUARY 2024	7427	7082	100.00	100.00
FARM SUPPLY	EQUIPMENT MAINTENANCE	105834	7428	8030	274.73	274.73
GRAINGER	EQUIPMENT MAINTENANCE	MULTIPLE	7429	8030	2,158.09	2,158.09
GSOLUTIONZ	COMMUNICATIONS	238537	7430	7013	90.95	90.95
HELPING HAND HEALTH ED	SAFETY SUPPLY'S	FIRST AID CLASS	7431	8056	794.75	794.75
IDEXX DISTRIBUTION	LAB SUPPLY'S	3143818701	7432	8040	578.89	578.89
II SUPPLY	EQUIPMENT MAINTENANCE	96552; 96553	7433	8056	924.86	924.86
JB DEWAR	FUEL	292231	7434	8020	385.72	385.72
KAREN BRIGHT	BOARD SERVICE	JANUARY 17, 2024	7435	7075	100.00	100.00
KEMIRA WATER SOLUTIONS	PLANT CHEMICALS	9017820364	7436	8050	16,012.34	16,012.34
KENNEDY JENKS	REDUNDANCY	DECEMBER 2023	7437	20-7080	5,842.50	5,842.50
LARRY WALKER ASSOC	TRUNK SEWER	DECEMBER 2023	7438	8015	4,967.25	4,967.25
LINDA AUSTIN	BOARD SERVICE	JANUARY 17, 2024	7439	7075	100.00	100.00
LINDE GAS & EQUIP	EQUIPMENT RENTAL	12/20/23-01/20/24	7440	7032	46.16	46.16
MCMASTER CARR	EQUIPMENT MAINTENANCE	MULTIPLE	7441	8030	514.36	514.36
MINERS	EQUIPMENT MAINTENANCE	JANUARY 2024	7442	8030	1,182.40	1,182.40
MOTION INDUSTRIES	EQUIPMENT MAINTENANCE	CA62-00048682	7443	8030	1,138.93	1,138.93
NBS	AGENCY BILLING	JANUARY TO MARCH	7444	7074	1,654.00	1,654.00
OILFIELD ENVIRONMENTAL	CHEMICAL ANALYSIS	MULTIPLE	7445	7078	2,498.50	2,498.50
POLYDYNE	PLANT CHEMICALS	MULTIPLE	7446	8050	12,025.40	12,025.40
READY REFRESH	ADMIN BUILDING SUPPLY'S	12/25/23-01/24/24	7447	8045	496.75	496.75
ROYAL INDUSTRIAL	SCADA	MULTIPLE	7448	20-7060	11,786.34	11,786.34
SANTA MARIA FAMCON	EQUIPMENT MAINTENANCE	S100119490.001	7449	8030	2,604.03	2,604.03
SO CAL GAS	GAS	01/02/24-01/30/24	7450	7092	4,248.48	4,248.48
SSLOCSD	BENEFITS	JANUARY 2024	7451		178,478.15	178,478.15
T-MOBILE	CELL PHONES	12/16/23-01/15/24	7452	7014	60.02	60.02
UMPQUA BANK	CREDIT CARD	JANUARY 2024	7453		5,815.28	5,815.28
VWR INTERNATIONAL	LAB SUPPLY'S	2024-264; 271	7454	8040	1,285.55	1,285.55
AMERICAN BUSINESS MACHINES	OFFICE SUPPLY'S	727615	022324-7455	8045	77.65	77.65
ARAMARK	EMPLOYEE UNIFORMS	02/05; 02/12; 02/19	7456	7025	1,654.48	1,654.48
AT&T MOBILITY	COMMUNICATIONS	01/03/24-02/02/24	7457	7013	80.48	80.48
B & B STEEL	EQUIPMENT MAINTENANCE	726228	7458	8030	275.42	275.42
BRAGG CRANE	STRUCTURE MAINTENANCE	NEW CENTRIFUGE AUGER	7459	26-8065	7,975.00	7,975.00
BRENNTAG	PLANT CHEMICALS	MULTIPLE	7460	8050	41,978.87	41,978.87
BURKE & PACE	EQUIPMENT MAINTENANCE	MULTIPLE	7461	8030	134.91	134.91
COASTAL ROLL OFF	GARBAGE	JANUARY 2024	7462	7093	1,201.27	1,201.27
EDUCATION & OUTREACH	PUBLIC OUTREACH	24-145	7463	7065	1,125.12	1,125.12
ENDRESS + HAUSER	EQUIPMENT MAINTENANCE	MULTIPLE	7464	8030	1,765.87	1,765.87
ENGEL & GRAY	BIOSOLIDS HANDLING	41X00012	7465	7085	7,462.61	7,462.61
GENESIS ENVIRONMENTAL	EQUIPMENT MAINTENANCE	68851	7466	8030	5,086.00	5,086.00
GRAINGER	EQUIPMENT MAINTENANCE	MULTIPLE	7467	8030	1,235.93	1,235.93
GSOLUTIONZ	COMMUNICATIONS	02/15/24-03/14/24	7468	7013	352.96	352.96
JB DEWAR	FUEL	294770	7469	8020	288.51	288.51
MCMASTER CARR	EQUIPMENT MAINTENANCE	MULTIPLE	7470	8030	557.30	557.30
MICHAEL K NUNLEY	REDUNDANCY	10399918	7471	20-7080	7,531.88	12,929.08
	TRUNK SEWER	10399921		7077	5,397.20	
MOSS, LEVY, HARTZHEIM	AUDIT	FY 2023	7472	7072	4,000.00	4,000.00
NVIRO	SCADA	3575; 3599	7473	20-7060	8,184.50	8,184.50
OCSD	WATER	11/18/23-01/18/24	7474	7094	611.85	611.85
OECD	CHEMICAL ANALYSIS	2400548	7475	7078	2,067.00	2,067.00
PERC WATER	REDUNDANCY	6365	7476	20-7080	1,944.00	1,944.00
PG&E	ELECTRICITY	01/09/24-02/07/24	7477	7091	35,770.21	35,770.21
PG&E NEW REVENUE DEVP	COGEN PROJECT	0008258574-6	7478		17,441.00	17,441.00
PRECISE WEIGHING SYSTEMS	EQUIPMENT MAINTENANCE	4127	7479	8030	385.00	385.00
RINCON	COASTAL HAZARD MONITORING	54409	7480	7020	7,438.19	10,196.94
	BIOLOGICAL HAZARDS	54350		20-7080	2,758.75	
SECURITAS	ALARMS	MARCH 2024	7481	7011	80.08	80.08
SLO COUNTY APCD	PERMITS	23460	7482	7068	6,925.43	6,925.43
SO COUNTY SANITARY	TRASH	FEBRUARY 2024	7483	7093	376.46	376.46
UNITED RENTALS	TRAINING	CONFINED SPACE	7484	7076	2,035.00	2,035.00
VWR	LAB SUPPLY'S	2024-271	7485	8040	830.08	830.08
WHITE CAP LP	EQUIPMENT MAINTENANCE	MULTIPLE	7486	8030	515.19	515.19
SUBTOTAL					464,845.70	464,845.70

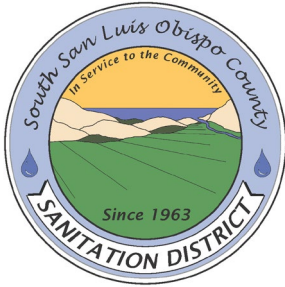
We hereby certify that the demands numbered serially from 012924-7416 to 022324-7486 together with the supporting evidence have been examined, and that they comply with the requirements of the SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT. The demands are hereby approved by motion of the SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT, together with warrants authorizing and ordering the issuance of checks numbered identically with the particular demands and warrants.

BOARD OF DIRECTORS:

DATE:

Chairman

Secretary



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SUMMARY ACTION MINUTES Meeting of Wednesday, February 7, 2024

1. CALL TO ORDER AND ROLL CALL

Chair Caren Ray Russom called the meeting to order and recognized a quorum.

Present: Caren Ray Russom, Chair, City of Arroyo Grande
Karen Bright, Vice Chair, City of Grover Beach
Linda Austin, Director, Oceano Community Services District

District Staff: Jeremy Ghent, District Administrator
Keith Collins, District Legal Counsel
Mychal Jones, District Superintendent
Amy Simpson, District Bookkeeper/Secretary

2. PLEDGE OF ALLEGIANCE

3. AGENDA REVIEW

Action: Approved as presented.

4. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON AGENDA

There was no public comment.

5. CONSENT AGENDA:

- 5A. Approval of Warrants
- 5B. Approval of Meeting Minutes of January 17, 2024
- 5C. Bylaws Annual Review

There was no public comment.

Director Ray Russom recused herself from the Minutes.

Motion: Director Austin motioned to approve Consent Agenda Items 5A and 5C.

Second: Director Bright

Action: Approved unanimously by roll call vote.

Motion: Director Austin motioned to approve Item 5B.
Second: Director Bright

Action: Approved by roll call vote with Director Ray Russom abstaining.

6. ACTION ITEMS:

6A. ANNOUNCEMENT OF ROTATION OF CHAIR AND VICE CHAIR FOR THE 2024 CALENDAR YEAR

Administrator Ghent presented this report.

There was no public comment.

Director Ray Russom announced the rotation of the Chair and Vice Chair. Director Austin assumed the responsibility of the Chair.

6B. WWTP REDUNDANCY PROJECT SECONDARY CLARIFIER DAMAGE UPDATE #7

Administrator Ghent presented this report.

There was no public comment.

Action: The Board received and filed this report.

6C. DISTRICT ADMINISTRATOR AND PLANT OPERATIONS REPORT

Administrator Ghent presented the Administrator report. Superintendent Mychal Jones presented the Plant Operations report. During the reporting period of January 1st – January 31st there were no violations of the District's National Pollutant Discharge Elimination System (NPDES) Permit to report. All process values were within Permit limitations.

There was no public comment.

The Board provided comments regarding the 2000-gallon diesel tank.

Action: The Board received and filed this report.

7. BOARD MEMBER COMMUNICATIONS

The Board sang Happy Birthday to Administrator Ghent.

8. ADJOURNMENT:

6:17 p.m.

THESE MINUTES ARE DRAFT AND NOT OFFICIAL UNTIL APPROVED BY THE BOARD OF DIRECTORS AT A SUBSEQUENT MEETING.



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Staff Report

To: Board of Directors

From: Jeremy Ghent, District Administrator

Date: March 6, 2024

Subject: **WWTP REDUNDANCY PROJECT UPDATE**

RECOMMENDATION:

Receive and file the Wastewater Treatment Plant Redundancy Project update.

BACKGROUND:

The District has been working to develop the Wastewater Treatment Plant (WWTP) Redundancy Project, the largest capital improvements project the District has undertaken since the 1986 WWTP Improvements. The project is intended to allow major process units to be removed from service for maintenance or repairs without risking violation of effluent permit limits. The project includes the following main components:

- Two activated sludge (AS) aeration basins
- One new secondary clarifier
- Fixed film reactor (FFR) effluent and primary effluent pump station
- Waste activated sludge (WAS) thickener with modifications to existing dewatering platform
- Blower, electrical, and motor control center (MCC) building
- Yard piping
- Site improvements
- Instrumentation and controls
- Electrical systems
- Floodproofing of critical plant systems
- Rehabilitation of existing secondary clarifier
- New generator to provide backup power for new facilities

The project construction documents were circulated for bid in September and bids were received in November 2020. After review and evaluation, the contract was awarded to J.R. Filanc Construction Company, Inc., (Filanc) in December 2020 and Notice to Proceed was issued January 25, 2021. MNS Engineers, Inc., (MNS) is serving as the Construction Manager,

Kennedy/Jenks Consultants, Inc., (Kennedy Jenks) is the Design Engineer, and MKN & Associates, Inc., (MKN) is supporting as the District's Project Manager.

DISCUSSION:

On July 10, 2023, damage to the new secondary clarifier (secondary clarifier 2, "SC2") floor slab was discovered. Through investigations over the next couple of months, multiple cracks were found in the structural slab. As reported to your Board last fall, the Project Team determined the primary contributor to the structural failures is the design of the floor slab. There appears to have been both calculation and assumption errors that led to a floor design that could not adequately withstand the hydrostatic pressure (upward force of groundwater).

This unanticipated issue at SC2 will have schedule and budget impacts, the full extent of which is still unknown at this time. The Project Team worked together to develop the best path forward. Kennedy Jenks developed the design for repair of the floor, and MKN worked with SSG Structural Engineers to perform a detailed review and provide comments. KJ addressed the comments and the final design was provided to Filanc on February 5, 2024. Filanc is currently working on a quote and schedule update. At that time, District staff will have a better understanding of the schedule impacts and cost. There is still no indication that the District will be responsible for the additional cost required to repair SC2 or the costs of delays to the Redundancy Project.

This quarterly Project update covers the months of October 2023 through January 2024. The schedule was impacted by delays in receipt of equipment critical to the startup and operation of the aeration basins (air flow control valves and dissolved oxygen probes) and is further delayed due to the damage at SC2.

Schedule Summary:

Notice to Proceed:	January 25, 2021	Contract Time Elapsed:	1127
Original Contract Duration:	900	Contract Time Remaining:	- 223
Current Contract Duration:	904	Change Order Days:	4
Current Contract Completion Date:	July 18, 2023	Weather Days:	5
Schedule Completion Date:	May 22, 2024		
Percent Complete by Time:	125%		
Notes: 1. Durations are in calendar days. 2. Schedule summary drafted on February 26, 2023.			

The Contractor's January 1, 2024 Schedule Update indicated completion on May 22, 2024, 309 days beyond the contract completion date. The schedule assumes the SC2 repair work would begin on December 28, 2023 with completion by late March. Filanc received the final design for the repair work and is working on a quote and updated schedule.

Budget Summary:

The budget summaries were drafted on February 26, 2024 and were based on the invoices received, costs incurred to date, and approved change orders.

Construction Contract:

Contract Award:	\$26,939,042.00	Contract Earnings to Date:	\$27,017,047.88
Contract Changes:	\$726,579.10		
Current Contract:	\$27,665,621.10		
Change Order Percent:	2.70%	Percent Complete by Cost:	97.7%

There were no change orders issued during the month of October 2023.

Change Order #18 was issued during the month of November to incorporate the cost to remove the SC2 grout. Work was conducted on a time and material basis with cost totaling \$101,539.42.

Change Order #19 was also issued during the month of November to cover costs associated with re-installing and removing the dewatering system. Total cost is \$156,507.60.

Change Order #20 was issued during the month of December to incorporate the cost to replace the centrifuge conductor per Work Change Directive (WCD) 24 and to add a liquid polymer speed control relay. Total cost of the change order is \$23,871.27. Work on the centrifuge conductor was conducted on a time and materials basis whereas the speed relay was issued as a lump sum, including an additional mobilization for the liquid polymer system manufacturer.

There were no change orders issued during the month of January 2024.

Overall Project Budget:

A summary of the overall project budget, including construction and professional services costs, is provided in the table below. Additional details are attached.

Description	Budget	Spent to Date	Balance to Finish
Construction (Bid Price)	\$26,939,042	-	-
Change Orders (#1 – 20)	\$726,579.10	-	-
Subtotal Current Construction Contract (Bid Price + Change Orders)	\$27,665,621.10	\$27,017,247.88	\$648,573.22
Construction Contingency	\$1,564,356	-	\$1,564,356.00

Description	Budget	Spent to Date	Balance to Finish
Other Construction Costs (1)	\$192,566	\$182,153.78	\$10,411.84
<i>Subtotal (Construction + Construction Contingency + Other Construction Costs)</i>	\$29,422,542	\$27,199,201.66	\$2,223,340.72
Professional Services Costs	\$7,977,380	\$7,022,478	\$954,902
Professional Services Contingency (2)	\$0	-	\$0
Total	\$37,400,000	\$34,120,141	\$3,178,242
Notes: (1) Other Construction Costs include PG&E Service costs, OCSD water fees, and project-related electrical and SCADA work required for existing processes. (2) Professional services contingency was utilized for increased Engineering and Project Administration costs, approved at Board Meetings in March 2021 and October 2023.			

The District and MKN are tracking costs and time impacts associated with the damage to SC2 separately. The extent of these costs and the time impact is currently unknown. Filanc is currently working to develop the quote and schedule for the repairs and completion of the project based on the final SC2 repair design provided by KJ. Once the costs are more fully understood, their will be addressed in the Project Budget.

Summary of Work:

October 2023

- Filanc continued site work, completing fine grading, installing aggregate base in preparation for pavement, completing irrigation installation and testing, sod placement, and concrete patchwork throughout the site
- Filanc completed the installation of the floodwall at the Generator Building and the handrail at the SC1 RAS Wet Well
- Taft Electric continued working on the punchlist items, including testing and preparation of redline as-builts
- On October 3, 2023, the variable frequency drive (VFD) and overload (OL) parameters were resubmitted as required by the specifications and requested since early 2023. MNS' team reviewed the parameters for consistency between groups of pumps and identified several inconsistencies. Filanc will coordinate with Taft/Eaton to provide response to the comments provided
- Jeffco was on-site during October to build a containment area in the laydown area and coat the new Primary Clarifier No.1 (PC1) components

- On October 24, 2023, Filanc requested to isolate PC1 and begin demolition of the existing mechanism. By October 31, 2023, the existing mechanism had been removed and erection of the new mechanism had begun
- On October 26, 2023, MNS, District and Filanc staff walked three structures to prepare a Semi-Final Punchlist. Punchlist items were identified for the Aeration Basin (excluding the DO/ORP Probes), Blower Building (excluding the MCC), and SC1 (excluding the TSS probe and RAS pumps)

November 2023

- Filanc continued site work, paving the site, and raising valve cans
- Filanc continued work on the punchlists
- Filanc completed installation of the new diesel particulate filter (dpf) on the existing generator per Air Pollution Control District's requirement
- Filanc continued with installation of the PC1 mechanism
- On November 7, 2023, it was discovered that the PC1 mechanism rake arms had not been manufactured correctly. Ovivo shipped the corrected components to the jobsite, which were welded on November 9, 2023. Filanc then completed the mechanism installation, with an Ovivo site representative on-site on November 21, 2023 to perform inspection of the installation and testing. Filanc then mobilized the painters into the PC1 to blast and coat the welds made to correct the mis-manufactured components
- On November 29, during maintenance being conducted on the existing Chlorine Contact Tank, the District inadvertently flooded PC1 with roughly 18 inches of WWTP effluent, damaging equipment and postponing completion of the PC1
- Taft Electric continued working on the punchlist items as well, including review of the Variable Frequency Drive (VFD)/Overload (OL) parameters

December 2023

- Filanc continued work on the punchlists
- Filanc began preparing for work at SC2
- Filanc completed installation of the Primary Clarifier No.1 (PC1) mechanism
- Apodaca Paving was on-site finishing up outstanding paving
- Taft Electric mobilized Eaton to replace the CTs in the active harmonic unit as incorrectly-sized CTs had been installed. The CTs were replaced on December 14, 2023, without incident, testing confirmed proper installation and the AHU was re-energized
- Taft Electric assisted Filanc on installation of the PC1 mechanism
- Aerzen was on-site on December 5, 2023, as the District lost control of the blowers at the Air Process Controller. The regional sales representative reset the HMI and the issue was resolved

January 2024

- Filanc continued work on the punchlists
- Filanc removed the Secondary Clarifier No.2 (SC2) mechanism
- Taft Electric was on-site January 31, 2024 to program the Variable Frequency Drives/Over Load (VFD/OL) parameters. The VFDs could not be completed and the OLs have yet to be addressed
- RKG was on-site to correct the door hardware at the Blower Building
- Veledyne was on-site on January 31, 2024 to install the speed control relay
- Aerzen was on-site on January 11, 2024 to conduct maintenance on the blowers

Anticipated Upcoming Work:

Anticipated upcoming work includes the following activities:

- Filanc intends to continue work on the punchlists
- Filanc intends to begin demolition of the SC2 slab
- Taft Electric will complete the VFD/OL parameter settings

Fiscal Consideration:

The WWTP Redundancy Project budget and financing plan were updated after bids were received in November 2020. The project is being financed through Certificates of Participation and a loan from USDA Rural Development. Project costs are consistent with the budget at this time.

Attachments:

1. MNS Monthly Report Executive Summaries – October 2023, November 2023, December 2023, January 2024
2. WWTP Redundancy Project Budget Status – February 26, 2024



10.3.23 Coating PC1 Mechanism Components



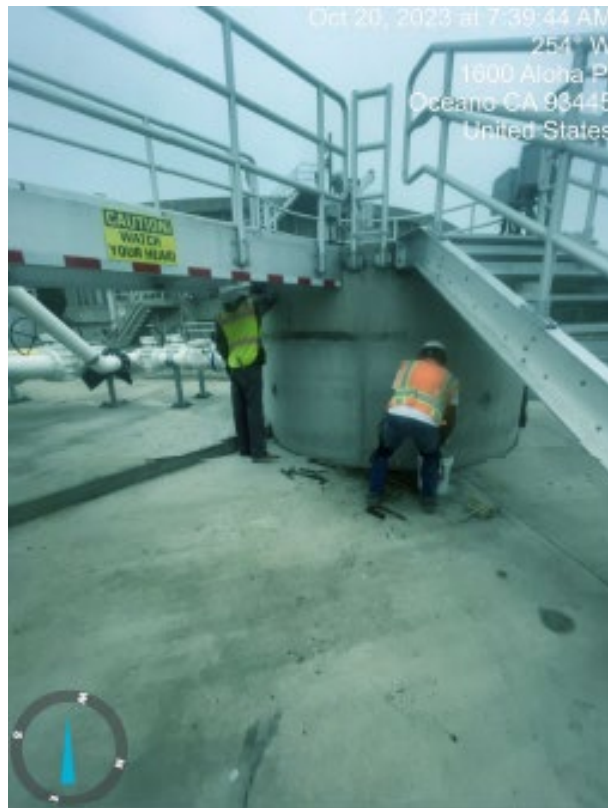
10.9.23 Installing Irrigation



10.10.23 Pavement Base.



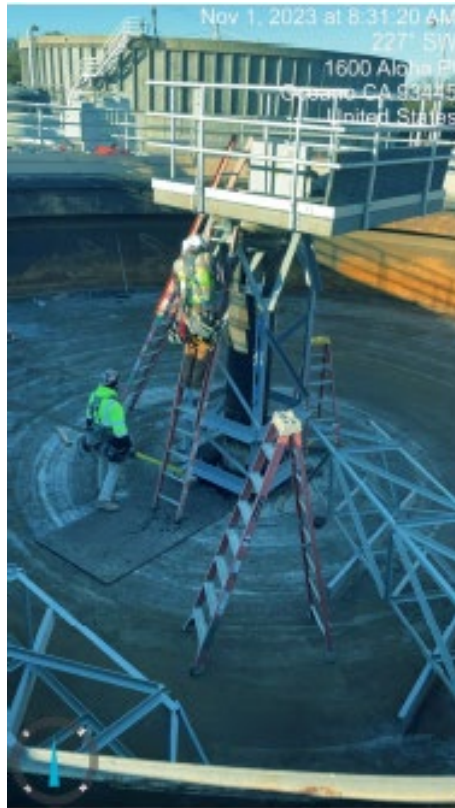
10.11.23 Generator Floodwall Frame



10.20.23 Concrete Patching



10.30.23 PC1 Mechanism Removal



11.1.23. Primary Clarifier No.1 Mechanism Installation



11.6.23 Preparation for Paving



11.7.23 Pipe Coating Touch-Up



11.15.23 Trench Paving



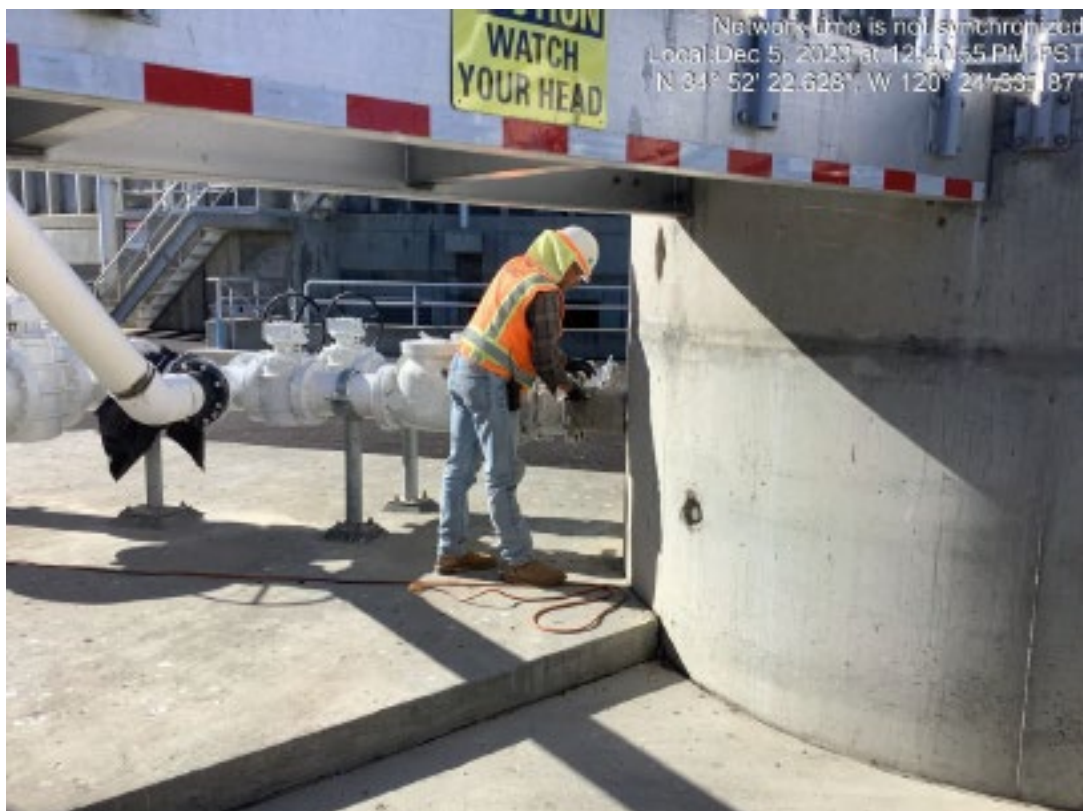
11.27.23 Primary Clarifier No.1 Mechanism Coating



11.28.23 Generator dpf Curbs



12.1.23. Completing Paving Work



12.5.23 Cleanup Piping at RAS Wet Well No.1. Punchlist Item



12.6.23 Restart Aerzen HMI

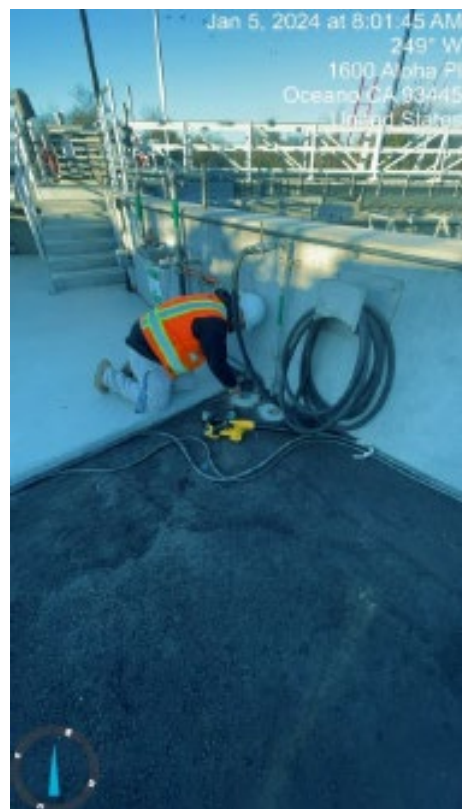


12.14.23 CT Replacement



Dec 15, 2023 at 11:40:27 AM
335° NW
1600 Aloha Pl
Oceano CA 93445
United States

12.15.23 PC1 Startup



Jan 5, 2024 at 8:01:45 AM
249° W
1600 Aloha Pl
Oceano CA 93445
United States

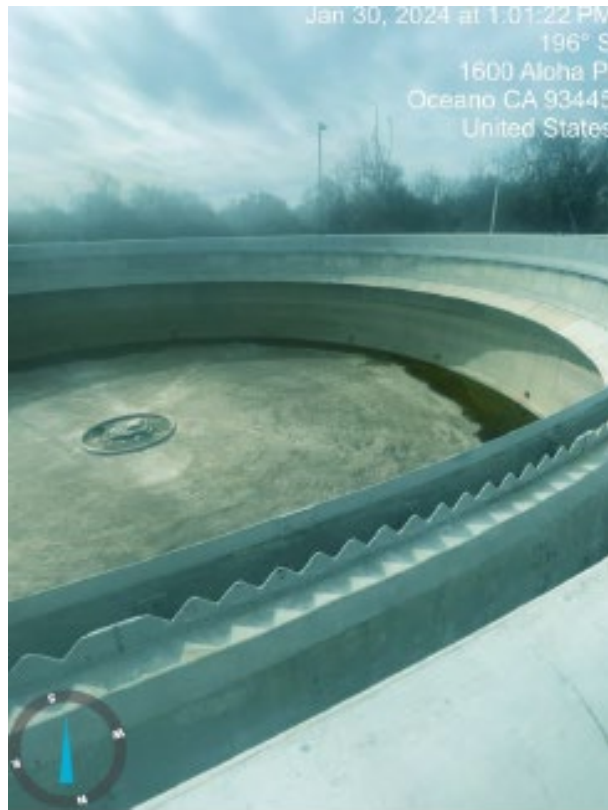
1.5.24. Securing Tracer Wire Box Lids. Punchlist Item



1.8.24. Dewatering Well Maintenance



1.22.24. SC2 Mechanism Removal



1.30.24. SC2 Dewatered. Mechanism Removed



1.26.24 Taft Electric On-Site



1.31.24. Veledyne On-Site. Speed Control Relay Installed

Executive Summary

Project-at-a-Glance

Award Price:	\$26,939,042.00	Change Orders:	\$444,660.81
Current Price:	\$27,383,702.81	Change Order Percent:	1.65%
Notice to Proceed:	25 January 2021	Change Orders Time:	4 day
Contract Time:	900 calendar days	Paid To Date*:	\$25,234,300.41
Current Contract Time:	904 calendar days	Paid This Period:	\$156,594.54
Contract Completion:	18 July 2023	Retention To Date:	\$1,336,362.89
Schedule Completion:	4 April 2024	Percent Complete:	97%
Liquidated Damages**:	\$913,500.00	% of Time Lapsed:	111.6% (1,009 calendar days)

* Accounts for progress payments approved prior to 31 October 2023.

** Liquidated Damages are realized upon actual Project Completion.

October: Filanc continued site work, installing irrigation, sod, and compacted aggregate base in preparation for pavement. Filanc completed installation of the floodwall at the generator building and completed concrete patching throughout the site. The new PC1 components were coated and the existing PC1 mechanism removal/replacement began. Taft Electric continued with punchlist items, testing and redlines.

November: Filanc plans to complete the PC1 installation and startup, the Pre-Commissioning list for Phase D, dpf installation on the existing generator, and site pavement. Filanc will install the dewatering system and KJ will provide engineering documents for the Secondary Clarifier No.2 (SC2) slab repair.

Meetings this Month: Weekly Construction Meetings. Weekly Startup Meetings. SC2 Keller Meetings, AHU Meeting, MCC-5 Shutdown Meeting

Critical Issues:

Secondary Clarifier No.2: A crack was found in the SC2 slab allowing infiltration of groundwater. Grout and manifold removal was completed by Filanc in September. KJ's structural engineer conducted an inspection of the slab and a design solution is in progress. Filanc was directed to allow the groundwater to equalize in the SC2 structure.

Primary Clarifiers: Primary Clarifiers were damaged during a power outage. PC2 has been repaired. The PC1 replacement mechanism was delivered on September 6, 2023 and coated during October. The existing mechanism was determined on October 24, 2023 and removal of the existing and installation of the new mechanism began. A claim is anticipated.

Community Workforce Agreement: The Project is in compliance with the Community Workforce Agreement (CWA). If additional subcontractors are required for work at the SC2, subcontractors will sign PLAs and additional pre-job meetings will be held as appropriate.

Biological: CA Red Legged Frog (CRLF) checks in open trenches and holes or standing water are performed and WEAP trainings of new on-site personnel are continued to being held. Rincon confirmed work inside the SC2 will not require CRLF monitoring.

American Iron & Steel: The Project is in compliance with AIS. A punchlist walk will be conducted with the USDA prior to project closeout.

Risk Management Log: Key Items at this stage of the Project include monitoring change orders, unintended consequences of construction, unknown underground utilities, and introduction of the new treatment process to existing plant.



Executive Summary

Project-at-a-Glance

Award Price:	\$26,939,042.00	Change Orders:	\$702,707.83
Current Price:	\$27,641,749.83	Change Order Percent:	2.61%
Notice to Proceed:	25 January 2021	Change Orders Time:	4 day
Contract Time:	900 calendar days	Paid To Date*:	\$25,522,232.45
Current Contract Time:	904 calendar days	Paid This Period:	\$131,337.50
Contract Completion:	18 July 2023	Retention To Date:	\$1,343,275.39
Schedule Completion:	9 May 2024	Percent Complete:	97%
Liquidated Damages**:	\$1,036,000.00	% of Time Lapsed:	114.93%
		(1,039 calendar days)	

* Accounts for progress payments approved by 30 November 2023.

** Liquidated Damages are realized upon actual Project Completion.

November: Filanc continued site work, paving the site and raising valve cans, and continued work on the punchlists provided. Filanc also completed installation of the dpf filter on the existing generator per Air Pollution Control District requirements and installation of the Primary Clarifier No.1 (PC1) mechanism. Taft Electric continued working on punchlist items.

December: Filanc plans to complete coating the PC1 and startup the facility as well as the Pre-Commissioning list for Phase D. Filanc will install the dewatering system and KJ will provide engineering documents for the Secondary Clarifier No.2 (SC2) slab repair. Taft Electric will replace the Current Transformers in the Active Harmonic Filter Unit.

Meetings this Month: Bi-Weekly Construction Meetings.

Critical Issues:

Secondary Clarifier No.2: A crack was found in the SC2 slab allowing infiltration of groundwater. Grout and manifold removal was completed by Filanc in September. KJ's structural engineer conducted an inspection of the slab and a design solution is in progress. Filanc was directed to allow the groundwater to equalize in the SC2 structure.

Primary Clarifiers: Primary Clarifiers were damaged during a power outage. PC2 has been repaired. The PC1 replacement mechanism was delivered on September 6, 2023 and coated during October. The new mechanism was installed; however, an issue occurred during coating touchup that has delayed completion and startup. A claim is anticipated.

Community Workforce Agreement: The Project is in compliance with the Community Workforce Agreement (CWA). If additional subcontractors are required for work at the SC2, subcontractors will sign PLAs and additional pre-job meetings will be held as appropriate.

Biological: CA Red Legged Frog (CRLF) checks in open trenches and holes or standing water are performed and WEAP trainings of new on-site personnel are continued to being held. Rincon confirmed work inside the SC2 will not require CRLF monitoring.

American Iron & Steel: The Project is in compliance with AIS. A punchlist walk will be conducted with the USDA prior to project closeout.

Risk Management Log: Key Items at this stage of the Project include monitoring change orders, unintended consequences of construction, unknown underground utilities, and introduction of the new treatment process to existing plant.



Executive Summary

Project-at-a-Glance

Award Price:	\$26,939,042.00	Change Orders:	\$726,579.10
Current Price:	\$27,641,749.83	Change Order Percent:	2.70%
Notice to Proceed:	25 January 2021	Change Orders Time:	4 day
Contract Time:	900 calendar days	Paid To Date*:	\$25,666,194.90
Current Contract Time:	904 calendar days	Paid This Period:	\$143,962.45
Contract Completion:	18 July 2023	Retention To Date:	\$1,350,852.36
Schedule Completion:	9 May 2024	Percent Complete:	97%
Liquidated Damages**:	\$1,036,000.00	% of Time Lapsed:	118.36% (1,070 calendar days)

* Accounts for progress payments approved by 31 December 2023.

** Liquidated Damages are realized upon actual Project Completion.

December: Filanc continued work on the punchlists provided and set up the dewatering system to begin dewatering the area for SC2 repairs. Filanc also completed installation of the Primary Clarifier No.1 (PC1) mechanism and started up the mechanism. Taft Electric replaced the current transformers (CTs) in the harmonic filter unit, and assisted with startups of the dewatering system and PC1.

January: Filanc plans to complete the outstanding electrical items with Eaton, continue with punchlist items, and proceed with removal of the SC2 mechanism as soon as the structure is sufficiently dewatered.

Meetings this Month: Bi-Weekly Construction Meetings.

Critical Issues:

Secondary Clarifier No.2: A crack was found in the SC2 slab allowing infiltration of groundwater. Grout and manifold removal was completed by Filanc in September. KJ's structural engineer conducted an inspection of the slab and a design solution is in progress. Filanc was directed to setup and re-start dewatering the area.

Primary Clarifiers: Primary Clarifiers were damaged during a power outage. PC2 has been repaired. The PC1 replacement mechanism was delivered on September 6, 2023 and coated during October. The new mechanism was installed; however, an issue occurred during coating touchup that has delayed completion and startup. A claim is anticipated.

Community Workforce Agreement: The Project is in compliance with the Community Workforce Agreement (CWA). If additional subcontractors are required for work at the SC2, subcontractors will sign PLAs and additional pre-job meetings will be held as appropriate.

Biological: CA Red Legged Frog (CRLF) checks in open trenches and holes or standing water are performed and WEAP trainings of new on-site personnel are continued to being held. Rincon confirmed work inside the SC2 will not require CRLF monitoring.

American Iron & Steel: The Project is in compliance with AIS. A punchlist walk will be conducted with the USDA prior to project closeout.

Risk Management Log: Key Items at this stage of the Project include monitoring change orders, unintended consequences of construction, unknown underground utilities, and introduction of the new treatment process to existing plant.



Executive Summary

Project-at-a-Glance

Award Price:	\$26,939,042.00	Change Orders:	\$726,579.10
Current Price:	\$27,641,749.83	Change Order Percent:	2.70%
Notice to Proceed:	25 January 2021	Change Orders Time:	4 day
Contract Time:	900 calendar days	Paid To Date*:	\$25,666,194.90
Current Contract Time:	904 calendar days	Paid This Period:	\$0
Contract Completion:	18 July 2023	Retention To Date:	\$1,350,852.36
Schedule Completion:	22 May 2024	Percent Complete:	97%
Liquidated Damages**:	\$1,081,500.00	% of Time Lapsed:	121.79%
		(1,101 calendar days)	

* Accounts for progress payments approved by 31 January 2023.

** Liquidated Damages are realized upon actual Project Completion.

January: Filanc continued work on the punchlists provided and completed removal of the SC2 mechanism. Filanc also continued demobilizing from the laydown area. Taft Electric completed some of the VFD/OL programming updates required.

February: Filanc plans to begin demolition of the SC2 slab and to continue to complete punchlist items. Taft Electric will complete the VFD/OL parameter programming.

Meetings this Month: Bi-Weekly Construction Meetings.

Critical Issues:

Secondary Clarifier No.2: SC2 was found to have a crack in the slab due to groundwater pressure. In January, Filanc completed removal of the SC2 mechanism and was provided with the demolition plans to prepare a quote to remove the SC2 slab. Preparation of the quote is on-going.

Primary Clarifiers: Primary Clarifiers were damaged during a power outage. PC2 has been repaired. The new mechanism was installed and started up; however, Filanc needs to repair the launder coating that was damaged when through bolts were installed to attached the scum beach. A claim is anticipated for the PC1 work.

Community Workforce Agreement: The Project is in compliance with the Community Workforce Agreement (CWA). Filanc will need to have Coastal Demolition and Keller attend a pre-job meeting for the SC2 scope of work.

Biological: CA Red Legged Frog (CRLF) checks in open trenches and holes or standing water are performed and WEAP trainings of new on-site personnel are continued to being held. Rincon confirmed work inside the SC2 will not require CRLF monitoring.

American Iron & Steel: The Project is in compliance with AIS. A punchlist walk will be conducted with the USDA prior to project closeout.

Risk Management Log: Key Items at this stage of the Project include monitoring dewatering, change orders, unintended consequences of construction, unknown underground utilities, and introduction of the new treatment process to existing plant.



SSLOCSO WWTP Redundancy Project Budget Status

Updated

26-Feb-24

Description	Original Budget	Notes	Revised Budget	Notes	Earned Previously	Notes	Oct-23	Nov-23	Dec-23	Jan-24	This Period (Oct'23 - Jan'24)	Total Spent to Date	Balance to Finish
Construction Costs													
<i>General Contractor</i>													
Construction (Bid Price)	\$ 26,939,042		\$ 26,939,042.00										
CCO#1 - Relocate existing water line	\$ -		\$ 16,037.86										
CCO#2 - Blind flange & air relief	\$ -		\$ 8,867.49										
CCO#3 - Deduct for utilities	\$ -		\$ (21,751.81)										
CCO#4 - Fire Water Invert, I/O Modules, Duckbank obstruction	\$ -		\$ 74,744.73										
CCO#5 - Waterline reroute @ Generator wall, HDPE concrete penetrations	\$ -		\$ 13,893.92										
CCO#6 - PE Pump Starters, WAS potholing, unknown slab	\$ -		\$ 13,863.55										
CCO#7 - AB Conduit Bridge, Utility & Misc. credits, Floodwall Mods	\$ -		\$ 139,503.91										
CCO#8 - Misc. Credits, electric davit crane winches, SST header	\$ -		\$ 42,583.01										
CCO#9 - Revise phasing of startup/commissioning	\$ -		\$ 10,900.00										
CCO#10 - Floodwall Subgrade & Dewatering Well Finish	\$ -		\$ 27,808.96										
CCO#11 - Diesel Particulate Filter & Water leak assist	\$ -		\$ 58,111.55										
CCO#12 - SC1 Rehab, Infill, Various Credits	\$ -		\$ (8,012.40)										
CCO#13 - Generator Floodwall Footing, catch basin at SC1 RAS well, misc	\$ -		\$ 31,349.64										
CCO#14 - Bird deterrent, add'tl hoses, temp piping mods	\$ -		\$ 12,209.72										
CCO#15 - Valve finishes, deduct for gate valve design change	\$ -		\$ 2,579.92										
CCO#16 - Controls Mod for Pumps in Hand OP, Concrete swale	\$ -		\$ 13,898.42										
CCO#17 - Floodwall conflict, concrete infill, SC1 scum box repair	\$ -		\$ 8,072.34										
CCO#18 - SC2 Grout Removal	\$ -		\$ 101,539.42	16									
CCO#19 - SC2 Dewatering	\$ -		\$ 156,507.60	16									
CCO#20 - Centrifuge Speed Relay	\$ -		\$ 23,871.27										
<i>Change Order Total</i>	\$ -		\$ 726,579.10										
Updated Construction Contract	\$ 26,939,042		\$ 27,665,621.10		\$ 26,562,422.11	7	\$ 164,836.36	\$ 138,250.00	\$ 151,539.42	\$ -	\$ 454,625.78	\$ 27,017,047.88	\$ 648,573.22
<i>Other Construction Costs</i>													
PG&E Service Cost	\$ -		\$ 161,866	4	\$ 161,865.62		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161,865.62	\$ -
OCSD water fees	\$ -		\$ 700		\$ 700.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700.00	\$ -
Supporting Electrical & SCADA work	\$ -		\$ 30,000	14	\$ 19,588.16		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,588.16	\$ 10,411.84
Construction Contingency	\$ 3,353,911	1	\$ 1,564,356	4	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,564,356
Subtotal Construction + Construction Contingency	\$ 30,292,953		\$ 29,422,542		\$ 26,744,575.89		\$ 164,836.36	\$ 138,250.00	\$ 151,539.42	\$ -	\$ 454,625.78	\$ 27,199,201.66	\$ 2,223,340.72

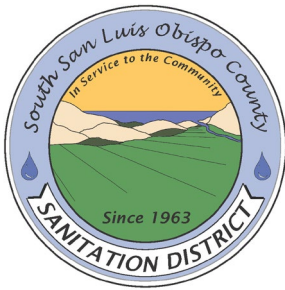
SSLOCSO WWTP Redundancy Project Budget Status

Updated 26-Feb-24

Description	Original Budget	Notes	Revised Budget	Notes	Earned Previously	Notes	Oct-23	Nov-23	Dec-23	Jan-24	This Period (Oct'23 - Jan'24)	Total Spent to Date	Balance to Finish
Professional Services Costs													
Engineering Design + Bid Support + Engr Service During Construction (KJ)	\$ 2,781,737		\$ 3,142,790		\$ 3,032,417.05		\$ 21,973.75	\$ 14,728.90	\$ 10,603.75	\$ -	\$ 47,306.40	\$ 3,079,723.45	\$ 63,067
Engineering Design + Bid Phase Support	\$ 1,931,613		\$ 1,931,613										
Engineering Services During Construction	\$ 850,124		\$ 850,124										
Amendment 4 Engineering Services during Construction	\$ -		\$ 136,330	3									
Amendment 5 Engineering Services during Construction	\$ -		\$ 79,425										
Amendment 6 Engineering Services during Construction	\$ -		\$ 95,749										
Amendment 7 Engineering Services during Construction	\$ -		\$ 49,549										
Amendment 8 Engineering Services - Time Extension	\$ -		\$ -										
Operations Services - Startup, Training, O&M	\$ 300,000		\$ 299,672	10	\$ 86,558.87		\$ -	\$ 756.00	\$ 3,740.00	\$ -	\$ 4,496.00	\$ 91,054.87	\$ 208,617
Construction Management (MNS)	\$ 2,616,043	13	\$ 3,378,104	13	\$ 2,717,496.12		\$ 58,906.91	\$ 49,351.98	\$ 82,691.69	\$ 27,282.23	\$ 218,232.81	\$ 2,935,728.93	\$ 442,375
Construction Management (MNS)	\$ 2,616,043		\$ 2,616,043										
Construction Management Amendment #1 (MNS)	\$ -		\$ 285,828										
Construction Management Amendment #2 (MNS)	\$ -		\$ 476,234										
Legal/Admin Costs (Estimated)	\$ 669,921		\$ 779,613	3, 11, 15	\$ 503,922.08		\$ 10,088.87	\$ 4,936.28	\$ 37,654.69	\$ 7,531.88	\$ 60,211.72	\$ 564,133.80	\$ 215,480
Legal (Estimated)	\$ 50,000		\$ 50,000		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Admin (MKN)	\$ 500,093		\$ 609,785	3, 11, 15	\$ 440,637.09		\$ 10,088.87	\$ 4,936.28	\$ 37,654.69	\$ 7,531.88	\$ 60,211.72	\$ 500,848.81	\$ 108,936.19
Community Workforce Administration (Pacific Resources)	\$ 79,828		\$ 79,828		\$ 23,284.99		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,284.99	\$ 56,543
Development of Community Workforce Agreement	\$ 40,000		\$ 40,000		\$ 40,000.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000.00	\$ -
Prequalification of Contractors	\$ 22,000		\$ 21,506	9	\$ 21,506.39		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,506.39	\$ -
County Permits, Inspections, and Related Fees (Estimated)	\$ 314,878		\$ 352,094		\$ 323,052.20		\$ 668.75	\$ 1,076.26	\$ -	\$ 2,758.75	\$ 4,503.76	\$ 327,555.96	\$ 24,538
CEQA	\$ 191,504		\$ 191,504		\$ 191,504.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 191,504.00	\$ -
NEPA documentation for USDA application	\$ 29,815		\$ 30,849		\$ 30,849.35		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,849.35	\$ -
Permits, inspections, other fees (estimated)	\$ 7,800		\$ 6,766		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,766
Biological Monitoring (Rincon)	\$ 85,759		\$ 104,975		\$ 82,733.85		\$ 668.75	\$ 1,076.26	\$ -	\$ 2,758.75	\$ 4,503.76	\$ 87,237.61	\$ 17,737
Biological Monitoring (Rincon)	\$ 85,759		\$ 85,759										
Amendment 2 Biological Monitoring	\$ -		\$ 19,216										
Hydrogeological Study	\$ -		\$ 18,000	12	\$ 17,965.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,965.00	\$ 35
Construction photography	\$ -		\$ 3,600	6	\$ 2,775.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,775.00	\$ 825
Subtotal of Soft Project Costs	\$ 6,704,579		\$ 7,977,380		\$ 6,687,728		\$ 91,638	\$ 70,849	\$ 134,690	\$ 37,573	\$ 334,751	\$ 7,022,478	\$ 954,902
Professional services contingency	\$ 397,000	2	\$ -	3, 11, 15	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Professional Services + contingency	\$ 7,101,579		\$ 7,977,380		\$ 6,687,728		\$ 91,638	\$ 70,849	\$ 134,690	\$ 37,573	\$ 334,751	\$ 7,022,478	\$ 954,902
Total (Budgets rounded up to the nearest \$10,000)	\$ 37,400,000		\$ 37,400,000		\$ 33,432,304		\$ 256,475	\$ 209,099	\$ 286,230	\$ 37,573	\$ 789,376	\$ 34,221,680	\$ 3,178,242

Notes:

- Construction contingency is recommended at 12.45% based on 15% for estimated higher risk items and 10% for estimated lower risk items.
- Professional services contingency is recommended at 10% for future non-construction expenditures based on uncertainty in construction schedule and level of effort for professional services, including engineering, construction management, biological monitoring, and administrative services
- Estimated total cost for Administrative Services has increased based on project duration, and cost for Engineering Services During Construction was increased at the Nov 3, 2021 Board meeting (KJ contract amendment 4). The professional services contingency was reduced accordingly. (March 2021)
- PG&E Service costs were realized in February 2021. The construction contingency was reduced accordingly.
- Correction to Construction Management (MNS) invoice (August 21, 2021): The March 2021 invoice was incorrectly reported in the June 2021 Budget Update as \$42,207.20 and has been updated to \$45,207.20 to match the actual invoice amount.
- A budget for professional construction photography (anticipated to be quarterly or semi-annual drone flights) was added in Summer 2021.
- Construction costs include the 5% contract retainage.
- Correction to Construction Management (MNS) invoices (September 20, 2021): The January 2021 invoices was incorrectly reported twice, once with February invoices and also with earned previously amount. The Earned Previously Amount has been reduced by \$56,472.46 to account for the previous duplication in reporting.
- The Contractor Prequalification was completed for less than budgeted. The budget was reduced accordingly and the \$494 remainder was added to the Professional Services Contingency budget.
- The District Board authorized execution of a contract with Perc Water for Operations Consulting Services in the amount of \$299,672 on 5/18/2022. The budget for Operations Services was updated accordingly.
- The estimated total cost for Administrative Services was updated based on proposed Year 4 services, which considered level of effort to date, project duration and anticipated tasks. The professional services contingency was increased accordingly. (Sept 2022)
- Hydrogeological Study was performed Sept-Dec 2023 at the request of USDA Rural Development. The professional services contingency was reduced to cover the cost.
- Budget for Construction Management (MNS) was corrected from \$2,616,120 to match contract amount in June 2023.
- Electrical and SCADA work required to support the Redundancy Project, including installation of instruments at existing processes (not included in the WWTP Redundancy Project contract), was realized and completed separately by the District. Costs were allocated to the Project in June 2023 and the construction contingency was reduced to account for it.
- Project administrative costs increased due to extended construction schedule and unanticipated damage at Secondary Clarifier #2. Amendment 1 to contract for MKN was approved at 10/3/23 Board Meeting for \$140,506. Professional Services contingency was reduced by \$100,922 and remainder of budget was taken from the construction contingency (\$39,584). Additional professional services costs beyond this date were taken from construction contingency budget.
- The District is tracking costs associated with the SC2 damage separately. These costs will be billed to Kennedy Jenks. KJ delivered payment #1 in the amount of \$101, 539.42 towards SC2 costs on January 17, 2023.



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

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www.sslocsd.org

Staff Report

To: Board of Directors

From: Jeremy Ghent, District Administrator

Date: March 6, 2024

Subject: AUTHORIZE EXECUTION OF CONTRACT AMENDMENT #9 FOR WWTP REDUNDANCY PROJECT CONSTRUCTION PHASE DESIGN ENGINEERING SERVICES WITH KENNEDY/JENKS CONSULTANTS, INC., PENDING USDA CONCURRENCE

RECOMMENDATION:

Authorize the District Administrator to execute a contract amendment for Construction Phase Design Engineering Services for the Wastewater Treatment Plant Redundancy Project with Kennedy/Jenks Consultants, Inc. in the amount of \$50,974, pending USDA concurrence.

BACKGROUND AND DISCUSSION:

Kennedy Jenks Consultants, Inc., (KJ) was selected as the Project Design Engineer for the Wastewater Treatment Plant (WWTP) Redundancy Project in April 2016. KJ was instrumental in developing the Project, assisted through the bid phase, and has performed engineering services during construction to date. Notice to Proceed for construction was issued to J.R. Filanc Construction Company in January 2021. As the project moves through construction, continued design engineering services are required to ensure the project is constructed successfully and in accordance with the design. The existing contract with KJ currently includes \$1,211,178 for engineering services during construction (ESDC).

In the spring of 2023, as the project was surpassing the 30-month construction schedule, and is moving towards substantial completion of in-scope work, District staff and Kennedy Jenks reviewed the remaining budget and anticipated work to complete, with the anticipation that construction would be completed in May 2024. In July 2023, damage to Secondary Clarifier 2 was uncovered (as described in the Project Update, Agenda Item 6A). This issue has impacted the project schedule and is requiring additional services from KJ. However, this proposed amendment does not account for any additional time and effort required resulting from repair of Secondary Clarifier 2. The startup and commissioning, which may not be able to be initiated until after the clarifier repair is completed, is still required under the original scope of work.

As of October 31, 2023, approximately 94% of the ESDC budget had been expended (\$1,137,508). Four tasks have required additional effort beyond the contract budget. KJ last requested a budget amendment in June 2023 at the 29-month milestone with Amendment 7, which the Board approved. Amendment 8 did not increase the budget but extended the contract term by 12 months to December 31, 2024. This proposed amendment addresses design engineering services through the anticipated end of construction, estimated in Fall 2024. The request is based on increased efforts required to participate in meetings, to review and respond to Requests for Information (RFIs) and construction submittals, and to fulfill other as-needed services.

The following summarizes the changes proposed in Amendment 9 (attached).

1. Task 7.2 – Responding to RFIs and Preparing Clarifications (INCREASE): The current budget for this task is based on responding to as many as 339 Requests for Information (RFIs). Through the end of October, Kennedy Jenks has responded to 338 RFIs at a total cost of \$381,906. The cost per RFI remains low at \$1,129 per RFI vs \$1,535 per RFI initially budgeted in the original agreement. In addition to the \$4,177 of current overage, Kennedy Jenks is requesting \$6,779 to respond to an additional 6 RFIs, for a proposed task total budget increase of \$10,956. We continue to receive occasional RFIs and expect some late RFIs as the project continues through commissioning, startup, and operations. KJ will not bill the District for any RFIs relating to the upgrades of Secondary Clarifier 2.

2. Task 7.4 – Submittal Reviews (INCREASE): The current budget for this task is based on reviewing as many as 346 submittals and resubmittals. Through the end of October, Kennedy Jenks has reviewed 345 submittals at a total cost of \$399,960. The cost per submittal remains low at \$1,159 per submittal vs \$1,326 per submittal initially budgeted in the original agreement. In addition to the \$639 of current overage, Kennedy Jenks is requesting \$6,956 to respond to an additional 6 submittals (352 total submittals), for a proposed task total budget increase of \$7,595. KJ will not bill the District for any submittals relating to the upgrades of Secondary Clarifier 2.

3. Task 7.5 – Construction Meetings, Coordination Meetings, and Photo Review (INCREASE): The \$103,522 budget for this task was based on a construction completion around the end of October. Through the end of October, the budget was exceeded by \$1,698 to attend ongoing bi-weekly construction related meetings. In addition to the \$1,698 of current overage, Kennedy Jenks is requesting \$7,531 which represents one half of the estimated meeting time to support the original construction, for a proposed task total budget increase of \$9,229. The remaining time to coordinate Secondary Clarifier 2 upgrades will not be billed by KJ.

4. Task 7.8 – Other As-Needed Services (INCREASE): Kennedy Jenks demonstrated our commitment to “right size” task budgets based on project status in Amendment 6 when we agreed to reduce this task budget by \$32,005 down to \$19,245 based on the project status at that time. There has been unanticipated work resulting in \$13,195 of additional cost. These efforts were related to electrical coordination with the contractor that were not captured in the RFI log (meeting requests) and related support through July to address surface slab settlement under the Secondary Clarifier 2 RAS pumps and thickened sludge pumps. This request includes \$10,000 for future as-needed services that are directed by the District staff for support during startup and initial operation of the new Wastewater Treatment Plant facilities.

Table 1 summarizes the Amendment 9 request of \$50,974 consisting of additional budgets for Tasks 7.2, 7.4, 7.5, and 7.8.

Table 1: Summary of Existing Budget Status and Proposed Amendment 9

Task/Subtask	Budget	Spent thru Oct 2023	Est Cost to Complete	Amd 9 Revisions	Budget with Amd 9
Phase 4 - Workshops, PM, QC					
Task 4.3 - Project Management	\$65,177	\$55,391	\$9,600	\$0	\$65,177
Phase 4 - Subtotal	\$65,177	\$55,391	\$9,600	\$0	\$65,177.13
Phase 7 - Office Engineering During Construction					
Task 7.1 - Conformed Drawings	\$17,719	\$17,719	\$0	\$0	\$17,719
Task 7.2 - RFIs and Preparing Clarifications (b)	\$377,730	\$381,906		\$4,177	\$388,686
6 Add't RFIs (total 345)			\$6,779	\$6,779	
Task 7.3 - Preparing RFQs and Responding to COs	\$37,099	\$25,801	\$11,298	\$0	\$37,099
Task 7.4 - Submittal Reviews (c)	\$399,322	\$399,960		\$639	\$406,916
6 Add't Submittals (total 352)			\$6,956	\$6,956	
Task 7.5 - Construction, Coord Meetings, Photo Review	\$103,522	\$105,220	\$12,082	\$1,698	\$112,751
6 additional months			\$7,531	\$7,531	
Task 7.6 - Site Visits	\$25,468	\$16,349	\$9,119	\$0	\$25,468
Task 7.7 - Record Drawings	\$53,246	\$0	\$53,246	\$0	\$53,246
Task 7.8 - Other As-Needed Services	\$19,245	\$32,440	\$0	\$13,195	\$42,440
District directed support				\$10,000	
Task 7.9 - Clarifier Condition Assessment	\$7,915	\$8,851	\$0	\$0	\$7,915
Task 7.10 - Ground Improvements - Observation/Testing	\$104,736	\$93,871	\$10,865	\$0	\$104,736
Phase 7 - Subtotal	\$1,146,001	\$1,082,117	\$117,876	\$50,974	\$1,196,975
Total	\$1,211,178	\$1,137,508	\$127,476	\$50,974	\$1,262,152

The District is funding a portion of the construction with a low-interest loan from the United States Department of Agriculture (USDA) Rural Development infrastructure program. In accordance with direction from USDA staff and the District's contract with KJ, USDA concurrence with the amendment is required for funding. Staff will work with USDA staff for review of the proposed amendment. From previous coordination, staff assumes USDA staff will want to see Board approval before reviewing contract amendments. Therefore, we request the Board's review of this proposed amendment and conditional approval for the District Administrator to execute the amendment once USDA staff has concurred. Should any comments be received from USDA that would adjust the amendment contents, staff will return to the Board with the update for review.

FISCAL CONSIDERATION:

The recommended contract amendment amount is \$50,974, for a total construction phase services budget of \$1,262,152. This is approximately four percent of the current construction contract amount, consistent with industry standard for ESDC for public works projects. The construction contingency budget currently has over \$1.5M remaining. Staff recommends reallocating a portion of the construction contingency to cover this proposed amendment to maintain adequate design engineering services during construction.

The agreement with Filanc contains provisions for liquidated damages for delay in the amount of \$3,500 per day for every day beyond the contract term until the work is fully complete. Liquidated damages are typically assessed at the end of the Project. The District's Construction Manager is working with District staff to organize and outline the District's position on liquidated damages.

Attachment: Kennedy Jenks Consultants Contract Amendment 9 Request – February 14, 2024

February 14, 2024

Jeremy Ghent P.E.
District Administrator
South San Luis Obispo County Sanitation District
1600 Aloha Place
Oceano, CA 93445

Subject: Kennedy Jenks ESDC Services Budget Status Update and Amendment 9 Request
South San Luis Obispo County Sanitation District Redundancy Project
South San Luis Obispo County Sanitation District

Dear Jeremy,

This letter summarizes the status of the engineering ESDC through the end of October 2023 and request for budget adjustments to complete the in-scope work for the project. The in-scope work includes RFIs, submittal review and responses, continued regular meetings/management and project technical support. This amendment request does not include Kennedy Jenks (KJ) engineering effort related to Secondary Clarifier 2 improvement work.

Kennedy Jenks Engineering Services during Construction (ESDC)

The project has surpassed the 30-month construction schedule. Table 1 summarizes the current ESDC budget and overall status through the end of October 2023. Four tasks have required additional effort beyond the contract budgets, primarily to address RFIs, submittals, coordination meetings and unanticipated as needed services.

- Task 7.2 RFI (338 RFI responses vs 339 in contract)
- Task 7.4 Submittal Reviews (345 submittal reviews vs 346 in contract)
- Task 7.5 Coordination Meetings (\$105,220 vs \$103,522 budget)
- Task 7.8 Other As-Needed Services (\$32,440 spent vs \$19,425 budget)

Table 1. Project Management and ESDC Budget Summary through October 2023

Task/Subtask	Budget	Spent thru Oct 2023	Remaining
Phase 4 - Workshops, PM, QC			
Task 4.3 - Project Management	\$65,177	\$55,391	\$9,786
Phase 4 - Subtotal	\$65,177	\$55,391	\$9,786
Phase 7 - Office Engineering During Construction			
Task 7.1 - Conformed Drawings	\$17,719	\$17,719	
Task 7.2 - RFIs and Preparing Clarifications (b)	\$377,730	\$381,906	(\$4,177)
Task 7.3 - Preparing RFQs and Responding to COs	\$37,099	\$25,801	\$11,298
Task 7.4 - Submittal Reviews (c)	\$399,322	\$399,960	(\$639)
Task 7.5 - Construction, Coord Meetings, Photo Review	\$103,522	\$105,220	(\$1,698)
Task 7.6 - Site Visits	\$25,468	\$16,349	\$9,119
Task 7.7 - Record Drawings	\$53,246	\$0	\$53,246
Task 7.8 - Other As-Needed Services	\$19,245	\$32,440	(\$13,195)
Task 7.9 - Clarifier Condition Assessment	\$7,915	\$8,851	(\$936)
Task 7.10 - Ground Improvements - Observation/Testing	\$104,736	\$93,871	\$10,865
Phase 7 - Subtotal	\$1,146,001	\$1,082,117	\$63,883
Total	\$1,211,178	\$1,137,508	\$73,669

Estimated Cost to Complete

As we have done throughout the construction phase, we are reporting on the status of ESDC task budgets to make sure the budget continues to be “right sized” for the effort required and provide credits for under-spent tasks that are completed or near completion. Table 2 summarizes the Amendment 9 request of \$50,974. Estimated effort is based on May 2024 construction completion.

Table 2. Cost to Complete Estimate and Amendment 9 Request for ESDC Budget Effort

Task/Subtask	Budget	Spent thru Oct 2023	Est Cost to Complete	Amd 9 Revisions	Budget with Amd 9
Phase 4 - Workshops, PM, QC					
Task 4.3 - Project Management	\$65,177	\$55,391	\$9,600	\$0	\$65,177
Phase 4 - Subtotal	\$65,177	\$55,391	\$9,600	\$0	\$65,177.13
Phase 7 - Office Engineering During Construction					
Task 7.1 - Conformed Drawings	\$17,719	\$17,719	\$0	\$0	\$17,719
Task 7.2 - RFIs and Preparing Clarifications (b)	\$377,730	\$381,906		\$4,177	\$388,686
6 Add't RFIs (total 345)			\$6,779	\$6,779	
Task 7.3 - Preparing RFQs and Responding to COs	\$37,099	\$25,801	\$11,298	\$0	\$37,099
Task 7.4 - Submittal Reviews (c)	\$399,322	\$399,960		\$639	\$406,916
6 Add't Submittals (total 352)			\$6,956	\$6,956	
Task 7.5 - Construction, Coord Meetings, Photo Review	\$103,522	\$105,220	\$12,082	\$1,698	\$112,751
6 additional months			\$7,531	\$7,531	
Task 7.6 - Site Visits	\$25,468	\$16,349	\$9,119	\$0	\$25,468
Task 7.7 - Record Drawings	\$53,246	\$0	\$53,246	\$0	\$53,246
Task 7.8 - Other As-Needed Services	\$19,245	\$32,440	\$0	\$13,195	\$42,440
District directed support				\$10,000	
Task 7.9 - Clarifier Condition Assessment	\$7,915	\$8,851	\$0	\$0	\$7,915
Task 7.10 - Ground Improvements - Observation/Testing	\$104,736	\$93,871	\$10,865	\$0	\$104,736
Phase 7 - Subtotal	\$1,146,001	\$1,082,117	\$117,876	\$50,974	\$1,196,975
Total	\$1,211,178	\$1,137,508	\$127,476	\$50,974	\$1,262,152

Task 7.2 RFIs, 7.4 Submittals, Task 7.5 Meeting, and 7.8 As-needed Services are over budget with some anticipated additional costs to complete.

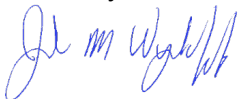
- Task 7.2 – Responding to RFIs and Preparing Clarifications:** The current budget for this task is based on responding to as many as 339 RFIs. Through the end of October, Kennedy Jenks has responded to 338 RFIs at a total cost of \$381,906. The cost per RFI remains low at \$1,129 per RFI vs \$1,535 per RFI initially budgeted in the original agreement. In addition to the \$4,177 of current overage, Kennedy Jenks is requesting \$6,779 to respond to an additional 6 RFIs added to the contract. We continue to receive occasional RFIs and expect some late RFIs as the project continues through commissioning, startup, and operations. KJ will not bill the district for any RFIs relating to the upgrades of Secondary Clarifier 2.
- Task 7.4 Submittal Reviews:** The current budget for this task is based on reviewing as many as 346 submittals and resubmittals. Through the end of October, Kennedy Jenks has reviewed 345 submittals at a total cost of \$399,960. The cost per submittal remains low at \$1,159 per submittal vs \$1,326 per submittal initially budgeted in the original agreement. In addition to the \$639 of current overage, Kennedy Jenks is requesting \$6,956 to respond to an additional 6 submittals (352 total submittals). KJ will not bill the district for any submittals relating to the upgrades of Secondary Clarifier 2.

3. **Task 7.5 Construction Meetings, Coordination Meetings, and Photo Review:** The \$103,522 budget for this task was based on an end of October construction completion date. Through the end of October, the budget was exceeded by \$1,698 to attend ongoing bi-weekly construction related meetings. In addition to the \$1,698 of current overage, Kennedy Jenks is requesting \$7,531 which represents one half of the estimated meeting time to support the original construction. The remaining time to coordinate Secondary Clarifier 2 upgrades will not be billed by KJ.
4. **Task 7.8 Other As-needed Services.** Kennedy Jenks demonstrated our commitment to “right size” task budgets based on project status in Amendment 6 when we agreed to reduce this task budget by \$32,005 down to \$19,245 based on the project status at that time. There has been unanticipated work resulting in \$13,195 of additional cost.

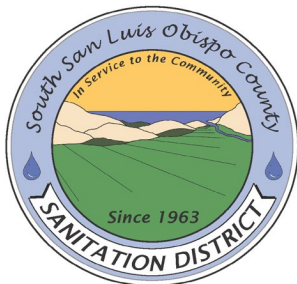
These efforts were related to electrical coordination with the contractor that was not captured in the RFI log (meeting requests) and related support through July to address surface slab settlement under the Secondary Clarifier 2 RAS pumps and thickened sludge pumps. As requested by District staff this request includes \$10,000 of budget effort for future as-needed services that are directed by the District staff for support during startup and initial operation of the new Wastewater Treatment Plant facilities.

Kennedy Jenks appreciates our relationship with the South San Luis Obispo County Sanitation District and looks forward to continuing to support the completion of the WWTP Redundancy Project.

Sincerely,



John Wyckoff
Vice President



SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT

Post Office Box 339 Oceano, California 93475-0339
1600 Aloha Oceano, California 93445-9735
Telephone (805) 489-6666 FAX (805) 489-2765
www.sslocsd.org

Staff Report

To: Board of Directors

From: Jeremy Ghent, District Administrator; Mychal Jones, Plant Superintendent

Date: March 6, 2024

Subject: **DISTRICT ADMINISTRATOR AND PLANT OPERATIONS REPORT**

This report represents ongoing information on the latest District staff activities on major capital projects and studies, programmatic initiatives, regional collaboration, miscellaneous activities, and Plant Operations. *Updates since the last report are provided in italics below:*

Capital Projects:

Redundancy Project:

- *Update Provided*

Cogeneration Project:

- *Staff hosted a design field meeting with Southland and MKN.*
- *Design work is in the early stages.*

Misc:

- *The WWTP Continues to handle heavy winter rains without issue.*
- *Lopez Lake continues to spill adding additional flows to Arroyo Grande Creek*

Plant Tours:

- *None*

Tentative Items:

- *Midyear Budget Review (April 3rd)*

Plant Operations Report

During the reporting period of February 1st – February 29th there were no violations of the District's National Pollutant Discharge Elimination System (NPDES) Permit to report. All process values were within Permit limitations.

Monthly Plant Data for February 2024

February 2024	INF Flow MGD	INF Peak Flow MGD	INF BOD mg/L	EFF BOD mg/L	BOD % Removal	INF TSS mg/L	EFF TSS mg/L	TSS % Removal	Fecal Coliform MPN/100 mL	Chlorine Usage lbs/day
Low	2.23	3.2	424	17.9		430	17.0		<1.8	281
High	2.96	6.7	416	39.9		545	25.8		33	710
Feb 2024 AVG	2.43	3.5	478	27.6	94.2	478	20.7	95.7	13	434
Feb 2023 AVG	2.29	3.49	515	17.4	96.6	526	12.6	97.6	1213	259
Limit	5.0			40/60/90	>80		40/60/90	>80	2000	

Operation and Maintenance Tasks

- Replaced hot water boiler intake filter
- Quaglino Roofing performed a temporary leak repair to the emergency generator roofing
- Installed new exit signs in maintenance and shop building
- Continued installation of new plant lighting throughout treatment facility
- Bragg Crane performed the removal and installation of the new centrifuge auger
- Troubleshoot and cleared mechanical bar screen blockage
- Checked and marked Underground Service Alerts
- Removed and installed new shop furnace
- Began paint restoration and rehabilitation project throughout treatment facility
- Electricraft removed and installed new power conductors for Primary Clarifier No. 2 sludge pump
- Gold Coast Environmental installed 2 additional flow meters in the District's collection system for the ongoing Flow Monitoring Study
- Installed new temporary irrigation pump and electrical wiring
- Lowered irrigation boxes in landscaping area
- Poured concrete slab for new Primary Clarifier No. 2 sludge pump
- Added high grit paint on Digester No. 2 to assist with non-slip
- Removed old auger motor/drive unit in preparation for rehabilitation
- Inspected District manholes following completion of the HWY 1 rehabilitation project
- Installed new Primary Clarifier No. 2 sludge pump and piping

Work Orders Completed

- Performed Loader preventative maintenance
- Replaced heating and air conditioning air filter
- Performed algae control on all clarifiers
- Inspected digester vacuum/pressure relief valves
- De-ragged primary sludge pumps

- Performed water pump preventative maintenance
- Performed junction box preventative maintenance
- Test ran emergency generators and emergency bypass pump
- Performed 6-inch trash pump preventative maintenance
- Performed Forklift preventative maintenance
- Performed Fixed Film Reactor distributor drive preventative maintenance

Training

No staff training this reporting period.

Call Outs

- February 1st at 10:21 PM, February 2nd at 2:00 AM, 3:03 AM, and 5:17 AM – High Inlet ORP alarm. Operations staff responded to all call outs. Call outs were due to installation of a new ORP and the probe being extremely sensitive to change from injection of chlorine. Operations staff switched out the new probe to allow more time for the new probe to acclimate to existing wastewater conditions.
- February 5th at 1:09 AM – Motion Alarm. Operations staff responded and inspected the maintenance building. There were no signs of entry. Motion alarm may have been from a rodent or insect.
- February 9th at 6:19 PM and February 10th at 4:30 PM – Power Failure. Operations staff responded to both outages and verified plant operation on emergency generator. Both utility power failures were due to ongoing repairs being made to PG&E infrastructure due to extensive damage from a severe storm event. All plant operations returned to normal following the restoration of power to the treatment facility.

Staff



Bragg Crane Centrifuge Auger Installation.



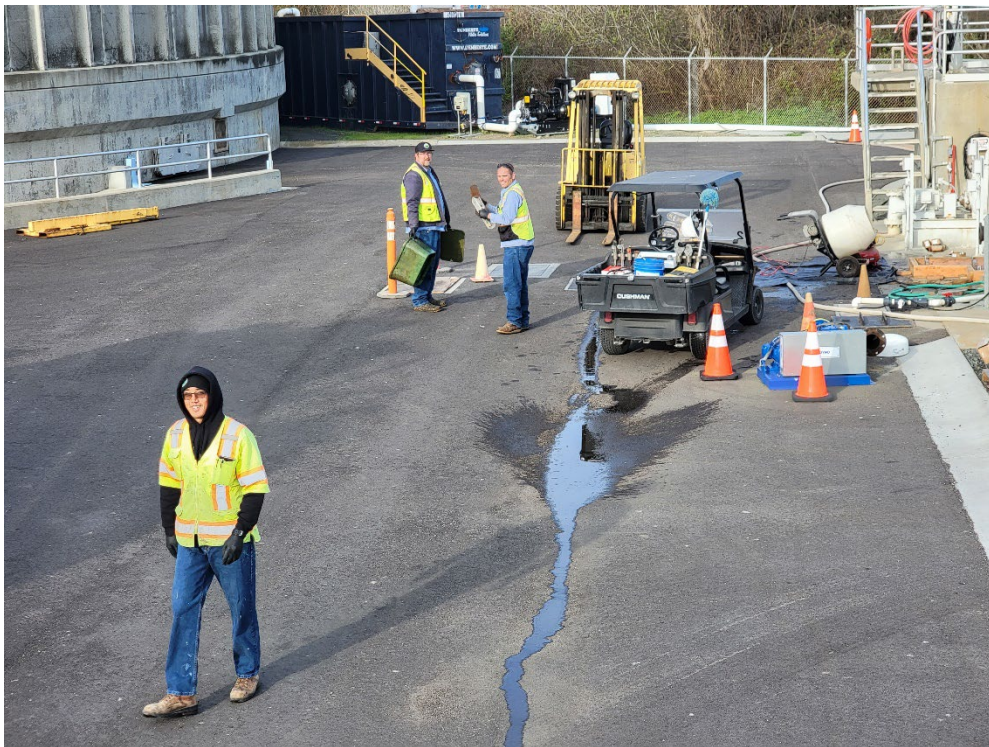
Operator Justin Musick and Operator in Training Nick Kurokawa installing electrical on new centrifuge auger motor.



Operator Chris Rigoni providing some overwatch of Operator in Training Robert Grajeda while he is clearing a blockage in the District's mechanical bar screens.



Operator Chris Rigoni lowering utility boxes to clean up landscaping.



Operator in Training Nick Kurokawa with Operators Chris Rigoni and Justin Musick in the background.