

**NOTICE OF REGULAR MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
  
ENGINEERING COMMITTEE  
TELECONFERENCE MEETING**

**February 10, 2022  
8:30 a.m.**

**Join Zoom Meeting by clicking on the link below:**

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<https://socwa.zoom.us/>

Meeting ID: 881 2661 3771  
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NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held by Teleconference on **February 10, 2022, at 8:30 a.m.** SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

*MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA THE WEB-SITE [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.*

*AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH*

WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

### **AGENDA**

1. **Call Meeting to Order**

2. **Public Comments**

THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. **Approval of Minutes**

- Engineering Committee Meeting of January 13, 2022

**Recommended Action:** Staff recommends the Engineering Committee to approve subject Minutes as submitted.

4. **Operations Report**

**Recommended Action:** Information Item.

5. **Capital Improvement Construction Projects Report**

**Recommended Action:** Information Item.

6. **J.B. Latham Package B Project Construction and Offsite Impacts Update [Project Committee 2]**

**Recommended Action:** Information Item

7. **Sludge Export Construction and Mitigation & Monitoring Plan Update [Project Committee 15]**

**Recommended Action:** Information Item

8. **RTP AWT #2 Rehabilitation Project Restart Update [Project Committee 17]**

**Recommended Action:** Information Item

9. **FY2023-24 Budget through 2026-27 Budget Flows and Solids Projections Update**

**Recommended Action:** Information Item

**Adjournment**

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 3rd day of February 2022.



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Betty Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**MINUTES OF REGULAR MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
Engineering Committee**

**DRAFT**

**January 13, 2022**

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on January 13, 2022, at 8:30 a.m. via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present via Zoom Meeting:

DAVID SHISSLER	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
DENNIS CAFFERTY	El Toro Water District [arrived @ 9:03 a.m.]
KEVIN BURTON	Irvine Ranch Water District
ROD WOODS	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
MARC SERNA	South Coast Water District
LORRIE LAUSTEN	Trabuco Canyon Water District

**Absent:**

VACANT	City of San Juan Capistrano
DAVE REBENSORF	City of San Clemente

**Staff Present:**

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
DAVID BARANOWSKI	Senior Engineer
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement/Contracts Administrator
MATT CLARKE	IT Administrator
ANNA SUTHERLAND	Accounts Payable
DINA ASH	H.R. Administrator
DANIEL VASQUEZ	Chief Mechanic
DANITA HIRSH	Executive Assistant

**Also Present:**

MARK BUTIER	Butier Engineering
BOB OHLUND	Dudek
TARYN KJOLSING	South Coast Water District
SHERRY WANNINGER	Moulton Niguel Water District

**1. Call Meeting to Order**

Mr. Burror, Director of Operations, called the meeting to order at 8:30 a.m.

**2. Public Comments**

None.

**3. Approval of Minutes**

a. Engineering Committee Meeting of October 14, 2021

ACTION TAKEN

Motion was made by Mr. Bunts seconded by Mr. Woods to approve the Engineering Committee Minutes of October 14, 2021, as submitted.

Motion Carried: Aye 4, Nay 0, Abstained 3, Absent 3

David Shissler (CLB)	Abstain
Dave Rebensdorf (CSC)	Absent
City of San Juan Capistrano	Absent
Mike Dunbar (EBSD)	Abstain
Dennis Cafferty (ETWD)	Absent
Kevin Burton (IRWD)	Abstain
Rod Woods (MNWD)	Aye
Marc Serna (SCWD)	Aye
Don Bunts (SMWD)	Aye
Lorrie Lausten (TCWD)	Aye

b. Engineering Committee Meeting of November 18, 2021

ACTION TAKEN

Motion was made by Mr. Bunts seconded by Mr. Shissler to approve the Engineering Committee Minutes of November 18, 2021, as submitted.

Motion Carried: Aye 6, Nay 0, Abstained 1, Absent 3

David Shissler (CLB)	Aye
Dave Rebensdorf (CSC)	Absent
City of San Juan Capistrano	Absent
Mike Dunbar (EBSD)	Aye
Dennis Cafferty (ETWD)	Absent
Kevin Burton (IRWD)	Aye
Rod Woods (MNWD)	Abstain
Marc Serna (SCWD)	Aye
Don Bunts (SMWD)	Aye
Lorrie Lausten (TCWD)	Aye

**4. Operations Report**

Mr. Burror, Director of Operations, reported on receiving a request from Santa Margarita Water Districts regarding the shutdown of the Oso Creek Treatment Plant starting on February 21<sup>st</sup>. He stated that a request from Moulton Niguel Water District was also received regarding flows at the Plant 3A but will hold comments until agenda item 6. Mr. Burror also reported on the recent storm's events stating there was some minor damage at the J.B. Latham Treatment Plant to the exterior fence located between SOCWA and the County yard. He noted staff was in the process of making the repairs. A flowmeter was lost at the Regional Treatment Plant due to some rainwater getting into one of the old influent meters for the AWT, prompting an emergency repair. Fortunately, there was an extra meter in the inventory to replace it. Lastly, a tree fell onto the Digester gas line at the Regional Treatment Plant, missing the flare, but damaging the pipe. Staff had several parts available onsite to do just the repairs. An open discussion ensued.

This was an information item; no action was taken.

**5. Capital improvement Construction Projects Report**

Ms. Young, Associate Engineer, reported on the J.B. Latham Package B Project status stating we are currently performing field testing and start up on Primary tank numbers 5 and 6 on the Plant 1 side. The next phase is to move to the improvements on the influent channel. She also noted the DAFT No. 2 electrical work is currently being performed.

Mr. Baranowski, Senior Engineer, reported on the Export Sludge Force Main Replacement Project. He stated that the construction of the pipeline was complete, and staff was in the process of tightening up the site. We hope to have the contractor fully moved out by early next month. He commented that the project is in the last stages and reported on change orders 5 through 11 totaling \$70,438.68. An open discussion ensued.

**ACTION TAKEN**

Motion was made by Mr. Shissler and seconded by Mr. Serna to recommend to the PC-15 Board of Directors to approve JR Filanc Change Order 5 for \$19,000.00, Change Order 6 for \$4,833.91, Change Order 7 for \$6,198.46, Change Order 8 for \$3,515.83, Change Order 9 for \$3,525.37, Change Order 10 for \$5,461.87, and Change Order 11 for \$27,903.24 for a total of \$70,438.68 and a revised contract value of \$3,208,123.48 for the Coastal Treatment Plant Export Sludge Force Main Replacement project.

Motion Carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Dave Shissler (CLB) Aye
	Mike Dunbar (EBSB) Aye
	Rod Woods (MNWD) Abstain
	Marc Serna (SCWD) Aye

**6. J. B. Latham Treatment Plant FY 22-23 and FY 23-24 Increased Flows and Solids [Project Committee 2]**

Mr. Burror reported he is in the beginning stages of the budget process to determine what flows and solids will be budgeted at the treatment plants. Starting early is important this year because SOCWA is anticipating flow increases in the 15% range at one or two treatment plants. He stated the request is to the Engineering Committee members to provide input and comment on the flows and loads estimates for the budget process by February 1<sup>st</sup>. This will allow Ms. Baylor time to formalize her draft Budget presentation on the flows and solids information and to be as accurate as possible. The goal is for the draft Budget flows and solids information to be presented at the next Engineering Committee meeting. An open discussion ensued.

There was discussion and concurrence of the Engineering Committee to provide the information on flows and solids by February 1<sup>st</sup> as requested and have further discussion at the next meeting once data from the member agencies is provided. No action was taken.

**7. Addendum No. 2 Award to Tetra Tech for Engineering Design Services for Effluent Transmission Main Trail Bridge Crossing Project Update [Project Committee 21, Reach D]**

Mr. Baranowski presented a contract amendment for the permitting and design of the Effluent Transmission Main Trail Bridge Crossing project. The amendment was previously presented at the November 2021 meeting, but the members requested Tetra Tech revise the cost. The revised amendment and cost were presented.

ACTION TAKEN

Motion was made by Mr. Cafferty and seconded by Mr. Burton to recommend to the PC-21, Reach D Board to approve the Tetra Tech Amendment No. 2 in the amount of \$136,439 for a total revised contract amount of \$503,567 for the final design of the Effluent Transmission Main Trail Bridge Crossing Project.

Motion Carried: Aye 2, Nay 0, Abstained 0, Absent 0  
Dennis Cafferty (ETWD) Aye  
Kevin Burton (IRWD) Aye

**8. J. B. Latham Treatment Plant Package B – [PC-2], including 1) Verbal Update and 2) Approval to Pay Change Orders #18 through 34, Olsson Construction**

Mr. Butier of Butier Engineering, consulting engineer to the Package B Project, provided an update on the project Change Orders. He presented a detailed breakdown of the project Change Orders and information regarding costs and time impacts on the project. He discussed approved Change Orders that have not been paid by SOCWA, noting the request of Olsson Construction to submit overhead on time-related information. He also requested that the Engineering Committee move forward with paying these outstanding Change Orders, which represent labor and materials for work completed. If Olsson does make additional submittals, those will be given review and response.

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to recommend to the Board of Directors to approve issuing payment on Package B Change Orders 18-34 as billed by Olsson (shown on the attached spreadsheet) with the understanding that additional 6 submissions may be forthcoming from Olsson Construction related to time impact for the same work.

Motion Carried: Aye 3, Nay 0, Abstained 0, Absent 1  
City of San Juan Capistrano Absent  
Rod Woods (MNWD) Aye  
Don Bunts (SMWD) Aye  
Marc Serna (SCWD) Aye

**Adjournment**

There being no further business, Mr. Burror adjourned the meeting at 9.36 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of January 13, 2022, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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Betty Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

# Agenda Item

5

**Engineering Committee Meeting**

**Meeting Date:** February 10, 2022

**TO:** Engineering Committee  
**FROM:** David Baranowski, Senior Engineer  
**SUBJECT:** Capital Improvement Construction Projects Report

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## **Overview**

### *Active Construction Project Updates:*

Attached are the updated CIP reports. There are no new change orders this month.

**Recommended Action:** Information Item Only.

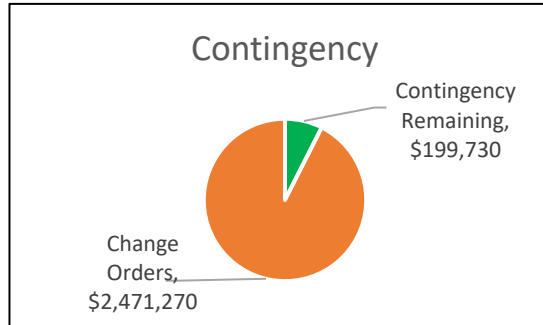
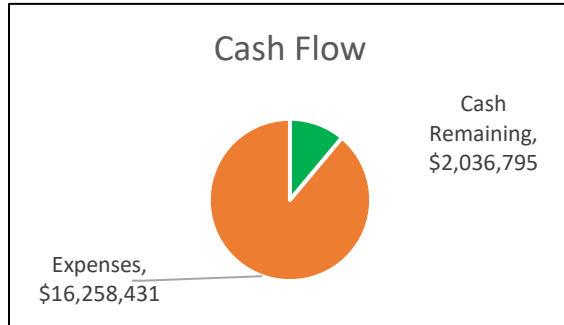


**Project Financial Status**

**Data Last Updated**

Project Committee	2
Project Name	Package B
Project Description	Plant 1 basin repairs, DAF rehabilitation, Energy Building seismic retrofit and minor rehabilitation, Digester 4 rehabilitation

February 2, 2022
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**Cash Flow**

Collected	\$18,295,226
Expenses	\$16,258,431

**Project Completion**

Schedule	83%
Budget	68%

**Contracts**

Company	PO No.	Original	Change Orders	Total	Invoiced
Olsson	13497	\$ 17,325,000	\$ 1,212,518	\$ 18,537,518	\$ 12,624,093
Butier	13647	\$ 895,727	\$ 612,715	\$ 1,508,442	\$ 1,228,127
Carollo	13616	\$ 846,528	\$ 616,037	\$ 1,462,565	\$ 1,073,436
TetraTech	13605	\$ 94,000	\$ -	\$ 94,000	\$ 83,602
Ninyo & Moore	14279	\$ 49,399	\$ 30,000	\$ 79,399	\$ 39,827
ADS Environmental	16452	\$ 24,875	\$ -	\$ 24,875	\$ 24,875
Hallsten	16578	\$ 251,422	\$ -	\$ 251,422	\$ -
Dudek	17401	\$ 48,360	\$ -	\$ 48,360	\$ -
		<b>\$ 19,535,311</b>	<b>\$ 2,471,270</b>	<b>\$ 22,006,581</b>	<b>\$ 15,073,960</b>

**Contingency**

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3220-000	\$ 916,800	\$ 798,559	\$ 118,241	87.1%
Common	3231-000	\$ 96,800	\$ 83,680	\$ 13,120	86.4%
Solids	3287-000	\$ 1,657,400	\$ 1,589,030	\$ 68,370	95.9%
		<b>\$ 2,671,000</b>	<b>\$ 2,471,270</b>	<b>\$ 199,730</b>	<b>92.5%</b>

**Summary of New Change Orders**

Change Order No	CSJC	MNWD	SCWD	SMWD	\$ Amount
<b>Grand Total</b>					

**Change Orders**

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	Approved by Board of Directors	12/12/2019	0	\$4,725
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	Approved by Board of Directors	6/4/2020	0	\$6,343
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	Approved by Board of Directors	6/4/2020	11	\$37,970
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	Approved by Board of Directors	6/4/2020	3	\$24,002
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	Approved by Board of Directors	8/6/2020	28	\$16,370
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	Approved by Board of Directors	8/6/2020	90	\$41,994
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	Approved by Board of Directors	8/6/2020	3	\$7,413

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	Approved by Board of Directors	8/6/2020	0	-\$1,829
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	Approved by Board of Directors	8/6/2020	0	\$18,678
10	Olsson	3287-000	Duct bank J Interferences	Approved by Board of Directors	12/17/2020	18	\$73,639
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	Approved by Board of Directors	12/17/2020	5	\$20,869
12	Olsson	3220-000	Duct bank K Interferences	Approved by Board of Directors	12/17/2020	0	\$15,567
13	Olsson	3287-000	Digester 3/4 PLC Relocation	Approved by Board of Directors	12/17/2020	14	\$41,368
14	Olsson	3287-000	Digester 4 Additional Tank Repair	Approved by Board of Directors	12/17/2020	18	\$33,643
15	Olsson	3220-000	Duct bank O Interferences	Approved by Board of Directors	12/17/2020	0	\$1,687
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	Approved by Board of Directors	2/4/2021	0	\$42,780
17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	Approved by Board of Directors	5/6/2021	0	\$34,392
18	Olsson	3287-000	Integrator Additional Site Visits	Approved by Board of Directors	5/6/2021	0	\$7,572

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	Approved by Board of Directors	6/3/2021	0	\$29,417
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	Approved by Board of Directors	6/3/2021	0	\$62,114
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	Approved by Board of Directors	6/3/2021	0	\$42,923
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	Approved by Board of Directors	9/2/2021	0	\$28,965
23	Olsson	3287-000	MCC-F1 Design Change	Approved by Board of Directors	9/2/2021		\$481,290
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	Approved by Board of Directors	10/7/2021		\$67,839
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	Approved by Board of Directors	10/7/2021		\$4,958
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	Approved by Board of Directors	10/7/2021		\$8,444

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	Approved by Board of Directors	10/7/2021		\$15,470
28	Olsson	3287-000	MCC-F1 Lighting Changes	Approved by Board of Directors	10/7/2021		\$7,843
29	Olsson	3287-000	Digester 3 Ground Rod	Approved by Board of Directors	10/14/2021		\$7,269
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	Approved by Board of Directors	10/14/2021		\$8,045
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	Approved by Board of Directors	12/9/2021		-\$15,903
32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	Approved by Board of Directors	12/9/2021		\$6,132
33	Olsson	3287-000	4" Gas Line Routing Modifications	Approved by Board of Directors	12/9/2021		\$18,146
34	Olsson	3287-000	Gas Mixer Conduit Conflict	Approved by Board of Directors	12/9/2021		\$12,384
1CM Common	Butier	3231-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$48,995
1CM Liquids	Butier	3220-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$294,125

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1CM Solids	Butier	3287-000	CM Change Order No. 1	Approved by Board of Directors	7/13/2021		\$269,595
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$18,210
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$109,256
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	Approved by Board of Directors	6/3/2021		\$100,151
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$5,400
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$12,300
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	Within Contingency, reviewed by Engineering Committee	11/18/2021		\$12,300
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	Approved by Board of Directors	12/9/2021		\$11,075
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	Approved by Board of Directors	12/9/2021		\$196,440
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	Approved by Board of Directors	12/9/2021		\$180,905

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 002	Olsson	3287-000	Digester 4 Rail Coating. The coating is not needed and resulting in a credit but some rehabilitation work will be needed.	Potential Change	(blank)		-\$1,000
PCO 004	Olsson	3287-000	Digester 4 Control Narrative needed	Potential Change	(blank)		\$5,000
PCO 005	Olsson	3287-000	TWAS Slab Modifications	Potential Change	(blank)		\$50,000
PCO 009	Olsson	3287-000	PLC East Headworks Integration	Potential Change	(blank)		\$10,000
PCO 014	Olsson	3287-000	Digester 4 Compressor Supply Line	Potential Change	(blank)		\$18,146
PCO 018	Olsson	3287-000	Duct bank L Interferences	Potential Change	(blank)		\$10,000
PCO 026	Olsson	3287-000	Gas Hatch Lids Mating Connection	Potential Change	(blank)		\$7,771
PCO 037	Olsson	3231-000	Energy Building Monorail and Other Conflicts	Potential Change	12/10/2020		\$10,000
PCO 039	Olsson	3220-000	Diversion Structure Gate Actuator Power Feed Replacement	Potential Change	8/13/2020		\$5,000

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 045	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	Potential Change	12/23/2021		-\$2,309
PCO 050	Olsson	3220-000	Telescoping Valves Rework	Potential Change	12/23/2020		\$27,884
PCO 066	Olsson	3287-000	DAFT 1 and 2 Repairs	Potential Change	(blank)		\$232,161
PCO 083	Olsson	3220-000	Plant 1 Primary Basins Additional Repairs and Replacement	Potential Change	(blank)		\$126,000
PCO 088	Olsson	3220-000	Plant 1 Primary Existing Coating Removal	Potential Change	(blank)		\$36,000
PCO 092	Olsson	3287-000	Hot Water System Expansion Tank	Potential Change	8/31/2021		\$5,000
PCO 093	Olsson	3287-000	DAFT Light Change	Potential Change	8/31/2021		\$10,000
PCO 094	Olsson	3287-000	Additional Red Coloring Agent to Concrete	Potential Change	9/1/2021		\$5,000
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	Potential Change	9/2/2021		\$5,000
PCO 097	Olsson	3287-000	Digester Hot Water Temperature Gauge Setting	Potential Change	9/15/2021		\$5,000



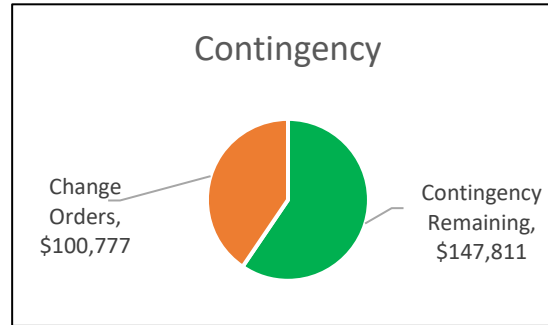
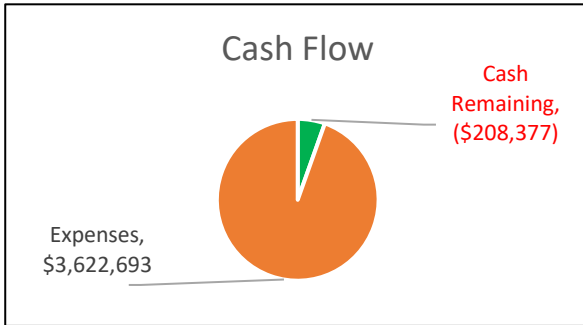
Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
PCO 100	Olsson	3220-000	P1 Primary Tanks Skimmers Starter Modification	Potential Change	12/13/2021		\$52,630
PCO 101	Olsson	3220-000	P1 Primary Tanks Hopper Wall Coating	Potential Change	12/3/2021		\$34,505
PCO 102	Olsson	3220-000	P1 Effluent Channel Conduit Conflict	Potential Change	12/23/2021		\$9,275
PCO 103	Olsson	3220-000	P1 Primary Tanks Torque Limit Switch	Potential Change	12/20/2021		\$7,150
PCO 998	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	Potential Change	(blank)		-\$800,000
PCO 999	Olsson	3223-000	Energy Building Modifications Descope (F1-F4, G1-G2, & H1-H2)	Potential Change	(blank)		-\$600,000
Grand Total						190	\$1,739,483

**Project Financial Status**

Project Committee	15
Project Name	Export Sludge Force Main Replacement
Project Description	New 6-inch HDPE force main replacing ageing 4-inch (x2) lines from the Coastal Treatment Plant to the Regional Treatment Plant through Aliso Canyon

**Data Last Updated**

February 2, 2022



**Cash Flow**

Collected	\$3,414,316
Expenses	\$3,622,693

**Project Completion**

Schedule	100%
Budget	75%

**Contracts**

Company	PO No.	Original	Change Orders	Total	Invoiced
Filanc	15949	\$ 3,107,346	\$ 100,777	\$ 3,208,123	\$ 2,356,331
Butier	16164	\$ 226,100	\$ -	\$ 226,100	\$ 210,343
PSOMAS	15961	\$ 277,368	\$ -	\$ 277,368	\$ 158,565
Dudek	15947	\$ 387,750	\$ -	\$ 387,750	\$ 316,017
Ninyo & Moore	16268	\$ 65,790	\$ 43,166	\$ 108,956	\$ 108,951
		<b>\$ 4,064,354</b>	<b>\$ 143,943</b>	<b>\$ 4,208,297</b>	<b>\$3,150,207</b>

**Filanc Contingency**

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3541-000	\$ 248,588	\$ 100,777	\$ 147,811	40.5%
		<b>\$ 248,588</b>	<b>\$ 100,777</b>	<b>\$ 147,811</b>	<b>40.5%</b>

**Summary of New Change Orders**

Change Order No	CLB	EBSD	MNWD	SCWD	Amount
<b>Grand Total</b>					

**Change Orders**

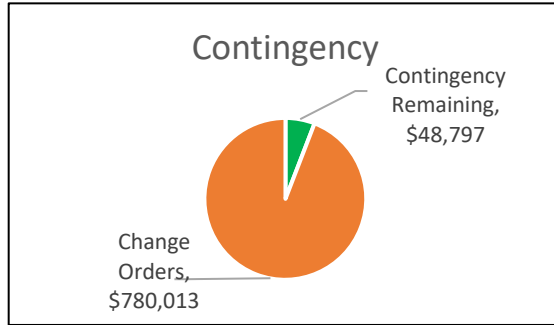
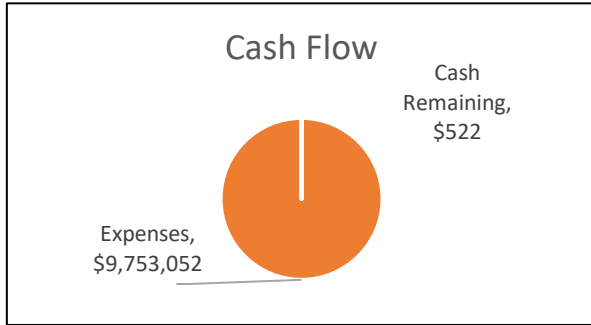
Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	Filanc	3541-000	Alternative Fiber Optic Conduit Installation at Jack and Bore	Approved by Board of Directors	6/3/2021	0	\$ 5,690
2	Filanc	3541-000	HDPE Pipe Price Adjustment	Approved by Board of Directors	9/2/2021	0	\$ 15,615
3	Filanc	3541-000	Existing 6-Inch Sludge Line Fix for Pressure Test	Approved by Board of Directors	9/2/2021	0	\$ 6,666
4	Filanc	3541-000	18-Inch VCP Sewer Line Conflicts	Approved by Board of Directors	9/2/2021	0	\$ 2,368
5	Filanc	3541-000	Lost Production with Equipment Movement	Approved by Board of Directors	2/3/2022	2	\$ 19,000
6	Filanc	3541-000	Abandoned 4" PVC Water Line Interference	Approved by Board of Directors	2/3/2022	1	\$ 4,834
7	Filanc	3541-000	18-Inch VCP Sewer Line Conflict at Sta. 96+55	Approved by Board of Directors	2/3/2022	1	\$ 6,198
8	Filanc	3541-000	Encasement at Sta. 88+90 to 89+90	Approved by Board of Directors	2/3/2022	0	\$ 3,516
9	Filanc	3541-000	Concrete Demo and Potholing	Approved by Board of Directors	2/3/2022	1	\$ 3,525

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
10	Filanc	3541-000	Abandoned 12" PVC Interference	Approved by Board of Directors	2/3/2022	1	\$ 5,462
11	Filanc	3541-000	ACWHEP Unknown Buried Concrete	Approved by Board of Directors	2/3/2022	3	\$ 27,903
PCO 009	Filanc	3541-000	Wider Trench in Low Cover	Potential Change	(blank)		\$ 36,000
PCO 012	Filanc	3541-000	Jack and Bore Conflict	Potential Change	(blank)		\$ 110,000
PCO 013	Filanc	3541-000	Nesting Bird Restrictions	Potential Change	(blank)		\$ -
PCO 018	Filanc	3541-000	Test Pit for Jack and Bore	Potential Change	(blank)		\$ 9,639
PCO 019	Filanc	3541-000	CTP and RTP Connection Modifications	Potential Change	(blank)		\$ -
PCO 021	Filanc	3541-000	Turtle Protection	Potential Change	(blank)		\$ -
PCO 023	Filanc	3541-000	Piping Interference at RTP Connection	Potential Change	(blank)		\$ 15,000
PCO 024	Filanc	3541-000	DG Access Road	Potential Change	(blank)		\$ -
PCO 025	Filanc	3541-000	Slope Repairs	Potential Change	(blank)		\$ -
PCO 026	Filanc	3541-000	Creek Bank Protection Scope Change	Potential Change	(blank)		\$ (150,000)
PCO 027	Filanc	3541-000	Additional Field Survey	Potential Change	(blank)		\$ 5,000
Grand Total						9	\$ 126,416

**Project Financial Status**

**Data Last Updated**  
February 2, 2022

Project Committee	15
Project Name	Facility Improvements
Project Description	New ferric chloride system, new collection equipment in East Sedimentation basins, concrete repair, structural improvements, new switchgear and numerous electrical upgrades



**Cash Flow**

Collected	\$9,753,574
Expenses	\$9,753,052

**Project Completion**

Schedule	100%
Budget	93%

**Contracts**

Company	PO No.	Original	Change Orders	Total	Invoiced
PCL	13751	\$ 9,209,000	\$ (428,978)	\$ 8,780,022	\$ 8,274,648
Butier	13647	\$ 812,288	\$ -	\$ 812,288	\$ 812,228
Hazen & Sawyer	13648	\$ 490,484	\$ -	\$ 490,484	\$ 294,711
		<b>\$ 10,511,772</b>	<b>\$ (428,978)</b>	<b>\$ 10,082,794</b>	<b>\$9,381,587</b>

**Contingency**

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3539-000	\$ 828,810	\$ 780,013	\$ 48,797	94.1%
		<b>\$ 828,810</b>	<b>\$ 780,013</b>	<b>\$ 48,797</b>	<b>94.1%</b>

**Summary of New Change Orders**

Change Order No	CLB	EBSD	MNWD	SCWD	\$ Amount
<b>Grand Total</b>					

**Change Orders**

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
1	PCL	3539-000	Additional Potholing	Approved by Board of Directors	8/6/2020	0	\$ 22,936
2	PCL	3539-000	Gas Line Replacement	Approved by Board of Directors	8/6/2020	0	\$ 41,006
3	PCL	3539-000	Main Switchgear Building Underground Conflicts	Approved by Board of Directors	8/6/2020	0	\$ 8,683
4	PCL	3539-000	Mud Valve Bolt Removal	Approved by Board of Directors	8/6/2020	0	\$ 6,577
5	PCL	3539-000	Additional Anchor Bolt Removal	Approved by Board of Directors	8/6/2020	0	\$ 15,271
6	PCL	3539-000	Slide Gate Concrete Repair	Approved by Board of Directors	8/6/2020	0	\$ 3,396
7	PCL	3539-000	Sludge Collector Wear Strips	Approved by Board of Directors	8/6/2020	0	\$ 5,304
8	PCL	3539-000	SCE Transformer Slab Box	Approved by Board of Directors	9/3/2020	0	\$ 4,378
9	PCL	3539-000	Duct Bank 5 Buried Utility Conflicts	Approved by Board of Directors	10/1/2020	0	\$ 32,224
10	PCL	3539-000	Telescoping Valve Modifications	Approved by Board of Directors	10/1/2020	0	\$ 36,067
11	PCL	3539-000	Secondary Effluent Channel Improvements	Approved by Board of Directors	12/17/2020	0	\$ 5,153

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
12	PCL	3539-000	Portable Generator Tap Enclosures in Buildings 2 & 15	Approved by Board of Directors	12/10/2020	0	\$ 18,356
13	PCL	3539-000	Conduit, wiring, and mounting of LL1 fixtures	Approved by Board of Directors	12/10/2020	0	\$ 5,001
14	PCL	3539-000	MCC Feeder Credit	Approved by Board of Directors	2/4/2021	0	\$ (8,803)
15	PCL	3539-000	Switchgear Building Concrete Repair	Approved by Board of Directors	3/11/2021	0	\$ 40,144
16	PCL	3539-000	Sludge Collector Mounting Plate Replacement	Approved by Board of Directors	3/11/2021	0	\$ 10,623
17	PCL	3539-000	Basin Leaking Crack Repair in East Secondaries	Approved by Board of Directors	3/11/2021	0	\$ 1,863
18	PCL	3539-000	Additional Spall Repair - Grit Channels	Approved by Board of Directors	3/11/2021	0	\$ 26,405
19	PCL	3539-000	Mixed Liquor Channel Remobilization	Approved by Board of Directors	3/11/2021	0	\$ 5,323
20	PCL	3539-000	Building 10 Roof Repairs	Approved by Board of Directors	3/11/2021	0	\$ 2,245
21	PCL	3539-000	Building 8 Gas Line Rerouting	Approved by Board of Directors	3/11/2021	0	\$ 717
22	PCL	3539-000	Additional Spall Repair - East Secondary Basins	Approved by Board of Directors	6/3/2021	0	\$ 9,722
23	PCL	3539-000	Grit Chamber Conflicts	Approved by Board of Directors	6/3/2021	0	\$ 3,888

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
24	PCL	3539-000	1/2" Ferric Line Conflicts	Approved by Board of Directors	6/3/2021	0	\$ 784
25	PCL	3539-000	Helical Skimmer Wiring	Approved by Board of Directors	8/5/2021	0	\$ 1,072
26	PCL	3539-000	MCC 15 Unmarked Wire Chasing	Approved by Board of Directors	8/5/2021	0	\$ 6,138
27	PCL	3539-000	Unilateral Descope of Drainage Pump Station, East Basin RAS Channel, and West Secondary Sludge Collection Equipment	Approved	6/11/2021	0	\$ (1,200,188)
28	PCL	3539-000	Unilateral for 21 calendar days for weather and COVID-19 delays	Approved	6/16/2021	21	\$ -
29	PCL	3539-000	Building 10 Wall Repair	Approved by Board of Directors	10/14/2021	0	\$ 2,638
30	PCL	3539-000	West Telescoping Valve Improvements	Approved by Board of Directors	10/14/2021	0	\$ 12,168
31	PCL	3539-000	RAS Box Leaks	Approved by Board of Directors	10/14/2021	0	\$ 1,907
32	PCL	3539-000	West Grit Channel Unforeseen Conflicts	Approved by Board of Directors	10/14/2021	0	\$ 10,294



Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
33	PCL	3539-000	Extra Work in Generator Building	Approved by Board of Directors	10/14/2021	0	\$ 3,714
34	PCL	3539-000	Power for Bldg 15 HVAC	Approved by Board of Directors	10/14/2021	0	\$ 2,301
35	PCL	3539-000	Additional Ferric Area Work	Approved by Board of Directors	10/14/2021	0	\$ 1,094
36	PCL	3539-000	Ferric Tank LIT	Approved by Board of Directors	10/14/2021	0	\$ 2,547
37	PCL	3539-000	PLC-TC1 Upgrades	Approved by Board of Directors	10/14/2021	0	\$ 9,699
38	PCL	3539-000	Aeration Channel Conflicts	Approved by Board of Directors	10/14/2021	0	\$ 10,314
39	PCL	3539-000	Telescoping Valve Stand Modifications	Approved by Board of Directors	11/15/2021	0	\$ 2,817
40	PCL	3539-000	Wiring for West Secondary Basins	Approved by Board of Directors	11/15/2021	0	\$ 2,962
41	PCL	3539-000	Ferric Containment Foundation	Approved by Board of Directors	11/15/2021	0	\$ 53,876
42	PCL	3539-000	West Secondary Effluent Channel Concrete Repair	Approved by Board of Directors	11/15/2021	0	\$ 26,000
43	PCL	3539-000	Headworks bypass	Approved by Board of Directors	11/15/2021	0	\$ 11,371
44	PCL	3539-000	SCE XFMR Slab Box	Approved by Board of Directors	11/15/2021	0	\$ 18,029
45	PCL	3539-000	Comprehensive Project Time Extension	Approved by Board of Directors	11/15/2021	77	\$ 100,000

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Days	Amount
46	PCL	3539-000	BEI Estimate addition to Unilateral CO #27	Approved by Board of Directors	11/15/2021	0	\$ 195,006
Grand Total						98	\$ (428,978)