

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

**August 10, 2023
8:30 a.m.**

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held on **August 10, 2023, at 8:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. 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 SUCH 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. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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 FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

**THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE
THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.**

Join Zoom Meeting
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Meeting ID: 872 2827 1349
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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.

PAGE NO.

3. Approval of Minutes..... 1
 - a. Engineering Committee Minutes of April 13, 2023
 - b. Engineering Committee Minutes of May 11, 2023
 - c. Engineering Committee Minutes of June 8, 2023

Recommended Action: Staff requests that the Engineering Committee approve subject Minutes as submitted.

4. Operations Report..... 12

Recommended Action: Information Item.

5. Capital Improvement Construction Projects Progress and Change Orders Report [Project Committees 2, 15, & 17]..... 13

Recommended Action: Information Item.

6. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Revised Proposal [Project Committee 15]..... 28

Recommended Action: Information Item.

7. Contract Award for As-Needed Project Management Support Services 34

Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.

PAGE NO.

8. Contract Amendment for Export Sludge Force Main Temporary Impact Area Restoration Monitoring and Maintenance [Project Committee 15] 38

Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.

9. Contract Award for Generator Pre-Purchasing [Project Committee 2] 43

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board of Directors to approve the contract to Cummins for a total of \$567,000 for the JBL MCC M and G Replacement Project.

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.

Dated this 4th day of August 2023.



Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

3

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee
FROM: David Baranowski, Director of Engineering
SUBJECT: Approval of Minutes

Overview

Minutes from the following meetings are included for review and approval by the Engineering Committee:

- April 13, 2023
- May 11, 2023
- June 8, 2023

Recommended Action: Staff recommends that the Engineering Committee approve Minutes as submitted.

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

Engineering Committee

April 13, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on April 13, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

DAVID SHISSLER	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
DENNIS CAFFERTY	El Toro Water District
ROD WOODS	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
MARC SERNA	South Coast Water District
DAVE REBENS DORF	City of San Clemente [arrived @ 8:44 a.m.]
LORRIE LAUSTEN	Trabuco Canyon Water District

Absent:

KEVIN BURTON	Irvine Ranch Water District
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Staff Present:

DAVID BARANOWSKI	Director of Engineering
JIM BURROR	Acting General Manager/Director of Operations
AMBER BAYLOR	Director of Environmental Compliance
MARY CAREY	Finance Controller
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement / Contracts Manager
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator

Also Present:

ADRIANA OCHOA	Procopio Law
MARK McAVOY	City of Laguna Beach
SHERRY WANNINGER	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District
DAVE LARSEN	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District
ERICA CASTILLO	Santa Margarita Water District
ROGER BUTOW	Clean Water Now (CWN)
BILL MOORHEAD	Moulton Niguel Water District
JESUS GARIBAY	Moulton Niguel Water District

1. Call Meeting to Order

Mr. David Baranowski, Director of Engineering, called the meeting to order at 8:32 a.m.

1a. Approval of Committee Member Request for Remote Participation

ACTION Board Discussion/Direction and Action.

ACTION TAKEN

Motion was made by Mr. Dunbar and seconded by Mr. Serna to approve Mr. David Shissler to participate by virtual means.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
	Director Shissler Abstain
	Director Rebensdorf Absent
	Director Dunbar Aye
	Director Cafferty Aye
	Director Burton Absent
	Director Woods Aye
	Director Serna Aye
	Director Bunts Aye
	Director Lausten Aye

2. Public Comments

None.

3. Approval of Minutes

a. Engineering Committee Minutes of November 10, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried:	Aye 6, Nay 0, Abstained 1, Absent 2
	Director Shissler Aye
	Director Rebensdorf Absent
	Director Dunbar Aye
	Director Cafferty Abstain
	Director Burton Absent
	Director Woods Aye
	Director Serna Aye
	Director Bunts Aye
	Director Lausten Aye

b. Engineering Committee Minutes of January 12, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried: Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler Aye
Director Rebensdorf Absent
Director Dunbar Aye
Director Cafferty Aye
Director Burton Absent
Director Woods Aye
Director Serna Aye
Director Bunts Aye
Director Lausten Abstain

c. Engineering Committee Minutes of February 9, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as corrected.

Motion carried: Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler Aye
Director Rebensdorf Absent
Director Dunbar Aye
Director Cafferty Aye
Director Burton Absent
Director Woods Aye
Director Serna Aye
Director Bunts Aye
Director Lausten Abstain

d. Engineering Committee Minutes of March 9, 2023

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Woods to approve the Minutes as submitted.

Motion carried: Aye 6, Nay 0, Abstained 1, Absent 2
Director Shissler Aye
Director Rebensdorf Absent
Director Dunbar Aye
Director Cafferty Aye
Director Burton Absent
Director Woods Aye
Director Serna Aye
Director Bunts Aye
Director Lausten Abstain

4. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, gave an update on the power issues at the Coastal Treatment Plant.

Ms. Amber Baylor, Director of Environmental Compliance, gave an update on her attendance at the San Diego Regional Water Quality Control Board meeting that was hosted by the City of Laguna Beach. She reported on the Board's direction of her work on the Southern California Coastal Water Research Project. An open discussion ensued.

This was an information item; no action was taken.

5. Dana Point Harbor Project Update [Project Committee 2]

Ms. Amber Baylor provided a brief update to the committee on PC 2's direction on following through on SOCWA as the lead for evaluating the study for the facility. She stated she had communicated with Carollo Engineering on developing their model with additional detail from a bench-scale bioreactor. Carollo has been consulting with Professor Matt Higgins, the expert in the dynamics of separating liquids from solids and what that means from a cost perspective for these facilities. She also noted that Carollo would create a model using Dr. Higgin's results to make the model more accurate on a \$1 per gallon or \$1 per pound basis. The Harbor Project personnel has been notified that the scope of work is forthcoming from Carollo and will be distributed to the Engineering Committee once received. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

This was an information item; no action was taken.

6. Ranch Filtration Plant NPDES Permitting Update [Project Committee 5]

Ms. Baylor reported that staff was requested to assist with permitting discharge to the San Juan Creek Ocean Outfall within a twelve (12) to eighteen (18) month timeframe. An open discussion ensued.

ACTION TAKEN

Motion was made by Mr. Bunts and seconded by Mr. Serna directing staff to initiate and sign a letter of intent amending the San Juan Creek Ocean Outfall NPDES Permit to include the Ranch Filtration Plant as a permitted discharge with shared capacity from the Chiquita Water Reclamation Facility, and report as an information item to the Board at its next regular meeting.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 0
Director Rebensdorf Aye
Director Woods Aye
Director Bunts Aye
Director Serna Aye

7. Capital Improvement Construction Projects Progress and Change Order Report (April) [Project Committees 2, 15, & 17]

Mr. Baranowski stated there were no change orders to report, and Ms. Roni Young updated the Committee on the Package B Project. An open discussion ensued.

This was an information item; no action was taken.

8. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Proposal [Project Committee 15]

Mr. Baranowski updated the Committee on the revised funding strategy proposal presented by Hazen and Sawyer for the Coastal Treatment Plant. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

ACTION TAKEN

Motion was made by Mr. Dunbar and seconded by Mr. Shissler, recommending that the PC 15 Board of Directors engage Hazen and Sawyer to pursue funding strategies for improvements to the Coastal Treatment Plant.

Motion carried:	Aye 3, Nay 0, Abstained 1, Absent 0
	Director Shissler Aye
	Director Dunbar Aye
	Director Woods Abstain
	Director Serna Aye

9. Revised Draft Capital Improvement Program Budget for Fiscal Year 2023/2024

Mr. Baranowski gave an updated presentation on the CIP Budget for Fiscal Year 2023/24 based on feedback from the last meeting. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Mr. Baranowski adjourned the meeting at 9.42 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 April 13, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

Engineering Committee

May 11, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on May 11, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

DAVID SHISSLER	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
HANNAH FORD	El Toro Water District
DAVE LARSEN	Moulton Niguel Water District
TARYN KJOLSING	South Coast Water District

Absent:

KEVIN BURTON	Irvine Ranch Water District
DAVE REBENDORF	City of San Clemente
DON BUNTS	Santa Margarita Water District

Staff Present:

DAVID BARANOWSKI	Director of Engineering
JIM BURROR	Acting General Manager/Director of Operations
RONI YOUNG	Associate Engineer
JEANETTE COTINOLA	Procurement / Contracts Manager
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

MATT COLLINGS	Moulton Niguel Water District
ROGER BUTOW	Clean Water Now (CWN)
JESUS GARIBAY	Moulton Niguel Water District
GREG PENNINGTON	South Coast Water District

1. Call Meeting to Order

Mr. David Baranowski, Director of Engineering, called the meeting to order at 8:32 a.m.

2. Public Comments

None.

3. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, reported on behalf of Amber Baylor that she is diligently working on the Salt and Nutrient Management Plan (SNMP) and will be attending regulatory meetings. He stated that Ms. Baylor received the Carollo updated

scope of work assessing the water quality impacts on the J.B. Latham Plant and that the report would be distributed to the Engineering Committee. An open discussion ensued.

Mr. Burror reported that Operations is still experiencing some impacts of the supply chain issues. He also reported that the EPA Science Advisory Board is meeting to review the biosolids regulations and how to manage constituents' concerns and provide oversight. An open discussion ensued.

Mr. Roger Butow – Clean Water Now provided comments.

Mr. Baranowski reported on meetings he's attended with the Orange County Sanitation District and other agencies related to a regional food waste diversion program. An open discussion ensued.

This was an information item; no action was taken.

4. Upcoming Changes to Engineering Committee Members

Mr. Baranowski reported that starting July 1, the Committee members will be reduced from 10 to 7 members. Effective May 4, Trabuco Canyon Water District officially withdrew from SOCWA, and effective June 30, Irvine Ranch Water District will no longer be a member of SOCWA. An open discussion ensued.

This was an information item; no action was taken.

5. Aliso Creek Ocean Outfall Seal Replacement Project Update [Project Committee 24]

Mr. Baranowski reported that staff held a pre-bid meeting with potential contractors for replacing seals inside the outfall. The process involves sending a diver into the outfall to remove the corroded seals and replace them with new ones. An open discussion ensued.

This was an information item; no action was taken.

6. Capital Improvement Construction Projects Progress and Change Order Report (May) [Project Committees 2, 15, & 17]

Mr. Baranowski stated there were no change orders to report, and Ms. Roni Young updated the Committee on the Package B Project. An open discussion ensued.

This was an information item; no action was taken.

7. Regional Treatment Plant (RTP) Aeration Diffuser Replacement Project Closeout Proposal [Project Committee 17]

Mr. Baranowski gave a PowerPoint presentation on the diffuser replacement project that occurred in 2022 and the performance of the new aeration system. An open discussion ensued.

This was an information item; no action was taken.

8. Regional Treatment Plant (RTP) Consequence of Failure Analysis Project Update
[Project Committee 17]

Mr. Baranowski reported that Dudek had completed the Consequence of Failure Analysis for RTP and gave a PowerPoint presentation on the draft results. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Mr. Baranowski adjourned the meeting at 9.22 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 May 11, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

Engineering Committee

June 8, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on June 8, 2023, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

HANNAH FORD	El Toro Water District
KEVIN BURTON	Irvine Ranch Water District
ROD WOODS	Moulton Niguel Water District
DON BUNTS	Santa Margarita Water District
TARYN KJOLSING	South Coast Water District

Absent:

MARK McAVOY	City of Laguna Beach
MIKE DUNBAR	Emerald Bay Service District
DAVE REBENS DORF	City of San Clemente

Staff Present:

DAVID BARANOWSKI	Director of Engineering
JIM BURROR	Acting General Manager/Director of Operations
RONI YOUNG	Associate Engineer
MARY CAREY	Finance Controller
JEANETTE COTINOLA	Procurement / Contracts Manager
MATT CLARKE	IT Administrator

Also Present:

ROGER BUTOW	Clean Water Now (CWN)
JESUS GARIBAY	Moulton Niguel Water District
SAUNDRA JACOBS	Santa Margarita Water District
CHRIS NEWTON	South Coast Water District

1. Call Meeting to Order

Ms. Roni Young, Associate Engineer, called the meeting to order at 8:31 a.m.

2. Public Comments

Ms. Roni Young announced she is pulling agenda item 4 due to Butier Engineering being unable to attend the meeting and that the item will be brought back at a future Engineering Committee Meeting.

Mr. Roger Butow – Clean Water Now provided comments on agenda item 6.

3. Operations Report

Mr. Jim Burror, Acting General Manager/Director of Operations, stated most of the budget was approved and that staff is preparing for the next fiscal year and starting to close out the current fiscal year.

This was an information item; no action was taken.

4. Capital Improvement Construction Projects Progress and Change Order Report (May) [Project Committees 2, 15, & 17]

This agenda item was pulled and will be brought back at a future Engineering Committee Meeting. No action was taken.

5. Contract Award for Aliso Creek Ocean Outfall (ACOO) Seal Replacement Project [Project Committee 24]

ACTION TAKEN

Motion was made by Mr. Woods and seconded by Ms. Kjolsing to recommend that the PC 24 Board of Directors award the contract to J.F. Brennan in the amount of \$261,753 for the ACOO Seal Replacement Project with a contingency of \$50,000.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 2
	Director McAvoy Absent
	Director Ford Aye
	Director Dunbar Absent
	Director Woods Aye
	Director Kjolsing Aye
	Director Burton Aye

6. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Revised Proposal [Project Committee 15]

This agenda item was pulled and will be brought back at a future Engineering Committee Meeting when all PC 15 members are present.

Adjournment

There being no further business, Ms. Young adjourned the meeting at 8:51 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 June 8, 2023, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

4

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee

FROM: Jim Burror, Acting General Manager/Director of Operations

SUBJECT: Operations Report

Overview

Verbal update on operations and maintenance activities.

Recommended Action: Information Item.

Agenda Item

5

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee

FROM: David Baranowski, Director of Engineering

SUBJECT: Capital Improvement Construction Projects Progress and Change Order Report (*August*) [Project Committee Nos. 2, 15, 17 & 24]

Overview

This agenda item provides an update on projects in construction, including any change orders. Attached are the updated CIP reports.

Project Updates

JBL Package B

The project is nearly complete. Staff continue to work with the Construction Management team to close out all outstanding items.

JBL Admin Building Roofing Replacement

The project is complete. One change order was approved for this project at the July Board meeting. The change order was for replacing damaged wood fascia and for permit fees. The change order was within the approved contingency.

CTP AWMA Road Guardrail Replacement

The contract has been awarded, and the staff is working with the contractor to schedule the work.

ACOO Internal Seal Replacement

The contract was awarded at the July Board meeting. Staff is working with the contractor to schedule the work.

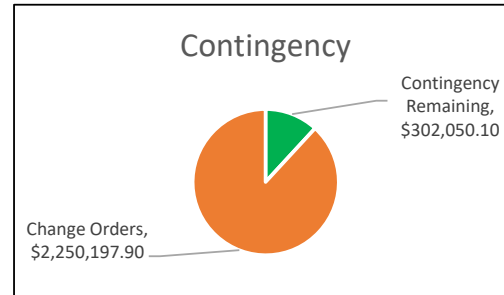
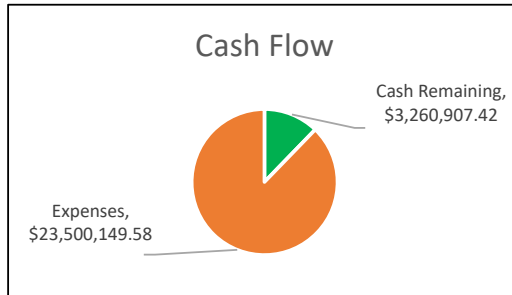
Recommended Action: Information Item.

Project Financial Status

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

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 26,761,057.00
Expenses	\$ 23,500,149.58

Project Completion

Schedule	100%
Budget	99%

Contracts

Company	PO No.	Original	Change Orders*	Amendments	Total	Invoiced
Olsson	13497	\$ 17,325,000.00	\$ 1,301,867.89		\$ 18,626,867.89	\$ 18,626,868.23
Butier	13647	\$ 895,727.00		\$ 1,005,251.00	\$ 1,900,978.00	\$ 1,897,214.50
Carollo	13616	\$ 846,528.00		\$ 616,037.00	\$ 1,462,565.00	\$ 1,374,609.27
TetraTech	13605	\$ 94,000.00		\$ -	\$ 94,000.00	\$ 93,884.70
Ninyo & Moore	14279	\$ 49,399.00		\$ 30,000.00	\$ 79,399.00	\$ 50,166.27
ADS Environmental	16452	\$ 107,200.00	\$ -		\$ 107,200.00	\$ 61,875.00
Dudek	17401	\$ 48,360.00		\$ -	\$ 48,360.00	\$ 41,230.00
		\$ 19,366,214.00	\$ 1,301,867.89	\$ 1,651,288.00	\$ 22,319,369.89	\$ 22,145,847.97

*Values include change orders to be reviewed by Engineering Committee and deductive change orders

Contingency

Area	Project Code	Amount **	Change Orders^	Total Remaining	Percent Used
Liquids	3220-000	\$ 969,679.00	\$ 868,639.46	\$ 101,039.54	89.6%
Common	3231-000	\$ 38,120.00	\$ 3,305.76	\$ 34,814.24	8.7%
Solids	3287-000	\$ 1,544,449.00	\$ 1,378,252.68	\$ 166,196.32	89.2%
		\$ 2,552,248.00	\$ 2,250,197.90	\$ 302,050.10	88.2%

** Amount reflects contingency for Construction Contracts only

Summary of New Change Orders

Change Order No	MNWD	SCWD	SMWD	\$ Amount
Grand Total				

Change Orders and Amendments

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
Approved by Board of Directors					191	\$ 1,318,583.14
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	12/12/2019	0	\$ 4,725.00
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	6/4/2020	0	\$ 6,343.10
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	6/4/2020	11	\$ 37,969.60
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	6/4/2020	3	\$ 24,001.54
5	Olsson	3220-000	Valve Handwheel Ergonomic extension	8/6/2020	28	\$ 16,370.30
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	8/6/2020	90	\$ 41,993.87
7	Olsson	3287-000	Digester 4 Additional Concrete Repair	8/6/2020	3	\$ 7,412.74
8	Olsson	3287-000	Repair Existing Damaged Electrical Box	8/6/2020	0	\$ (1,829.00)
9	Olsson	3220-000	Change the Telescoping Valve Boxes and Piping from Carbon Steel to Stainless Steel	8/6/2020	0	\$ 18,677.63

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
10	Olsson	3287-000	Duct bank J Interferences	12/17/2020	18	\$ 73,639.42
11	Olsson	3220-000	Blasting of Existing Influent Pipe Spools	12/17/2020	5	\$ 20,868.52
12	Olsson	3220-000	Duct bank K Interferences	12/17/2020	0	\$ 15,567.08
13	Olsson	3287-000	Digester 3/4 PLC Relocation	12/17/2020	14	\$ 41,367.51
14	Olsson	3287-000	Digester 4 Additional Tank Repair	12/17/2020	18	\$ 33,642.75
15	Olsson	3220-000	Duct bank O Interferences	12/17/2020	0	\$ 1,686.88
16	Olsson	3287-000	Digester 3/4 Control Building Roof Replacement	2/4/2021	0	\$ 42,780.00
17	Olsson	3287-000	MCC-D1 Modifications due to Change in Motor Size	5/6/2021	0	\$ 34,392.02
18	Olsson	3287-000	Integrator Additional Site Visits	5/6/2021	0	\$ 7,571.97
19	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	6/3/2021	0	\$ 29,417.20
20	Olsson	3220-000	Overhead Walkway Removal at Plant 1 Secondary Basins 5 through 9	6/3/2021	0	\$ 62,113.50
21	Olsson	3287-000	Cogeneration PLC Modifications and Integration	6/3/2021	0	\$ 42,922.67
22	Olsson	3220-000	Plant 1 Secondary Basins UV Rated Wear Strips	9/2/2021	0	\$ 28,965.33

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
23	Olsson	3287-000	MCC-F1 Design Change	9/2/2021		\$ 481,290.42
24	Olsson	3287-000	DAF 2 Investigation Work and Inspection Blast	10/7/2021		\$ 67,838.71
25	Olsson	3287-000	New Fiber Conduit in West Blower Building	10/7/2021		\$ 4,957.71
26	Olsson	3220-000	Plant 1 Primary Basin Conduit Obstruction	10/7/2021		\$ 8,444.20
27	Olsson	3220-000	Plant 1 Influent Channel Additional Coating between Primary Basins 5 and 6	10/7/2021		\$ 15,469.98
28	Olsson	3287-000	MCC-F1 Lighting Changes	10/7/2021		\$ 7,843.04
29	Olsson	3287-000	Digester 3 Ground Rod	10/14/2021		\$ 7,269.16
30	Olsson	3220-000	New Fiber Conduits at East Electrical and Storm Water Buildings	10/14/2021		\$ 8,045.43
31	Olsson	3220-000	Plant 2 Primary Influent Channel Repair Credit	12/9/2021		\$ (15,903.00)
32	Olsson	3220-000	Plant 1 and 2 Telescoping Valve Pipe Supports	12/9/2021		\$ 6,132.27
33	Olsson	3287-000	4" Gas Line Routing Modifications	12/9/2021		\$ 18,146.07
34	Olsson	3287-000	Gas Mixer Conduit Conflict	12/9/2021		\$ 12,383.89
35	Olsson	3220-000	P1 Primary Tanks 5 and 6 Temporary Power	3/10/2022		\$ 7,256.05

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
36	Olsson	3220-000	P1 Primary Tanks Skimmers Starter Modification	3/10/2022		\$ 45,374.13
37	Olsson	3220-000	P1 Primary Tanks Hopper Wall Coating	3/10/2022		\$ 34,505.41
38	Olsson	3220-000	P1 Effluent Channel Conduit Conflict	3/10/2022		\$ 9,274.98
39	Olsson	3220-000	P1 Primary Tanks Torque Limit Switch	3/10/2022		\$ 7,149.86
40	Olsson	3287-000	Multi-zone air conditioning unit in the Cogen MCC Room and Office	3/10/2022		\$ (2,309.09)
41	Olsson	3287-000	DAFT 2 Repair	3/10/2022		\$ 59,403.53
42	Olsson	3287-000	Digesters 1 and 2 Heat Exchanger Layout Reconfiguration Electrical	6/2/2022	1	\$ 12,885.18
43	Olsson	3287-000	Digester 3 Heat Exchanger Hot Water Loop Tie-In	6/2/2022		\$ 2,774.58
44	Olsson	3220-000	Plant 1 Primary Basin 1 Shutdown Repair Work	6/2/2022		\$ 1,009.86
45	Olsson	3287-000	Replace Compressor Line and Valve at Digester 4	6/2/2022		\$ 10,762.85
46	Olsson	3220-000	Plant 2 Influent Gates Removal and Concrete Demo	6/2/2022		\$ 5,389.66
47	Olsson	3287-000	DAFT 2 Launder Support Detail	6/9/2022		\$ 45,682.30
48	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Coating Removal	6/9/2022		\$ 111,101.16

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
49	Olsson	3220-000	Plant 1 Primary Basins 1, 2, 5 and 6 Existing Equipment Removal and Reinstallation	6/9/2022		\$ 71,864.17
50	Olsson	3287-000	Digester Mixing Pumps Control Programming Change	8/4/2022		\$ 4,397.77
51	Olsson	3220-000	Plant 1 Primary Basins Skimmers I/O Connection and Programming Change	8/4/2022		\$ 14,237.83
52	Olsson	3287-000	Fiber Patch Cables to Connect the Centrifuge PLC to the Centrifuge Patch Panel	8/4/2022		\$ 3,755.90
53	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Coating Removal	8/4/2022		\$ 43,222.24
54	Olsson	3220-000	Plant 1 Secondary Basins Concrete Structural and Basins 2 and 3 Drive Plate Rework	8/4/2022		\$ 20,860.16
55	Olsson	3220-000	Plant 2 Primary Basins Repair and Rehab of Head-Shaft Bearings	8/4/2022		\$ 4,618.44
56	Olsson	3231-000	Board SOCWA Front Office with Plywood to Cover Windows	8/4/2022		\$ 3,305.76

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
57	Olsson	3220-000	Seal the Openings at Plant 1 Primary Influent and Effluent Channels	8/4/2022		\$ 25,491.03
58	Olsson	3220-000	Plant 1 Primary Basins 3 and 4 Existing Equipment Removal and Reinstallation	9/1/2022		\$ 26,498.32
59	Olsson	3220-000	Plant 1 Secondary Basins Existing Embedded Metal Plates	9/1/2022		\$ 4,290.48
60	Olsson	3220-000	Plant 2 Primary Baffle Frame Replacement	9/1/2022		\$ 18,291.57
61	Olsson	3287-000	Digester hatch connection, temperature guage adjustment, and potholing	11/3/2022		\$ 9,971.62
62	Olsson	3220-000	Plant 1 Primary and Secondary Basins crack injection, concrete repair, channel cleaning, solids removal	11/3/2022		\$ 146,734.55
63	Olsson	3287-000	Boiler Room Modifications	12/8/2022		\$ 14,797.83
64	Olsson	3287-000	DAFT 1 Repair	12/8/2022		\$ 66,992.33
65	Olsson	3220-000	Secondary Clarifier Telescoping Valve Modifications (Design Error)	12/8/2022		\$ 32,709.94
66	Olsson	3287-000	Digester Control Buildings Modifications	2/2/2023		\$ 9,746.81

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
67	Olsson	3220-000	Plant 1 and 2 Field Obstructions	2/2/2023		\$ 8,871.74
68	Olsson	3287-000	MCC-F1 Site Modifications	2/2/2023		\$ 57,233.12
69	Olsson	3287-000	DAFT and TWAS area additional slab modification and piping material change	2/2/2023		\$ 19,368.58
70	Olsson	3287-000	DAFT 1 Area Reconfiguration	3/2/2023		\$ 3,046.43
71	Olsson	3287-000	Digester 2 Hot Water Loop Change	3/2/2023		\$ 29,525.46
72	Olsson	3220-000	Plant 1 Seal Influent Channel Openings and Helical Drives Temporary Covers	4/6/2023		\$ 10,831.51
Deduct-Common	Olsson	3231-000	Energy Building Monorail System Descope (F1-F4)	8/4/2022		\$ (70,585.34)
Deduct-Liquids	Olsson	3220-000	Effluent Pump Station Descope (A1-A6)	8/4/2022		\$ (483,605.73)
Deduct-Solids	Olsson	3287-000	Energy Building Modifications Descope (G1-G2, & H1-H2)	8/4/2022		\$ (357,382.60)
HAL 01	Hallsten	3220-000	Cover Layout Modifications	8/4/2022		\$ 16,715.25
Approved by Board of Directors (Amendments)						\$ 1,651,288.00
1CM Common	Butier	3231-000	CM Change Order No. 1	7/13/2021		\$ 48,995.00
1CM Liquids	Butier	3220-000	CM Change Order No. 1	7/13/2021		\$ 294,125.00
1CM Solids	Butier	3287-000	CM Change Order No. 1	7/13/2021		\$ 269,595.00
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	6/3/2021		\$ 18,210.00
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	6/3/2021		\$ 109,256.00

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	6/3/2021		\$ 100,151.00
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 5,400.00
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
2CM Liquids	Butier	3220-000	CM Change Order No 2	5/12/2022		\$ 196,268.00
2CM Solids	Butier	3287-000	CM Change Order No. 2	5/12/2022		\$ 196,268.00
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	12/9/2021		\$ 11,075.00
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	12/9/2021		\$ 196,440.00
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	12/9/2021		\$ 180,905.00
Potential Change					0	\$ 514,198.72
PCO 005	Olsson	3287-000	TWAS Slab Modifications	8/10/2023	0	\$ 75,180.19
PCO 018	Olsson	3287-000	Electrical Potholing for Ductbank Conflicts	8/10/2023	0	\$ 147,333.65
PCO 038	Olsson	3287-000	Existing Valves at Digester 4 Heat Exchanger	8/10/2023	0	\$ 1,633.45
PCO 054	Olsson	3220-000	Plant 1 Primary Effluent Channel Wall Corrosion	8/10/2023	0	\$ 6,877.38
PCO 058	Olsson	3220-000	Aluminum Kickplate at Aeration Basins	8/10/2023	0	\$ 66,617.84
PCO 061	Olsson	3220-000	Steel Plate Coating and Blasting Extra Work	8/10/2023	0	\$ 26,011.51
PCO 068	Olsson	3287-000	Chopper Pump Impeller Issues	8/10/2023	0	\$ 405.11

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 072	Olsson	3287-000	Existing Conflicts at DAFT 2 Stairs	8/10/2023	0	\$ 183.37
PCO 075	Olsson	3220-000	Bypass Pumping Plan Issues	8/10/2023	0	\$ 82,602.06
PCO 083	Olsson	3220-000	Replacing the P1 Head Shaft Plate	8/10/2023	0	\$ 21,828.73
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	8/10/2023	0	\$ 2,201.62
PCO 098	Olsson	3220-000	Bypass Pumping Plan Issues	8/10/2023	0	\$ 112,458.59
PCO 106	Olsson	3287-000	DAFT 2 Isolation Valve	8/10/2023	0	\$ 660.19
PCO 109	Olsson	3220-000	P1P Influent Channel Scum Gate Openings	8/10/2023	0	\$ 7,485.69
PCO 152	Olsson	3231-000	Lab Building Footing Demolition	8/10/2023	0	\$ 6,537.01
PCO 154	Olsson	3287-000	Delete Hysafe A Frame Structure	8/10/2023	0	\$ (18,133.38)
PCO 155	Olsson	3287-000	Delete Digester 1 and 2 Coated Foam Roofing	8/10/2023	0	\$ (60,018.62)
PCO 156	Olsson	3287-000	DAFT 2 Sludge Pump Investigation Work	8/10/2023	0	\$ 2,949.48
PCO 157	Olsson	3220-000	Plant 1 Primary Influent Gates and Concrete Demolition	8/10/2023	0	\$ 2,857.86
PCO 158	Olsson	3287-000	DAFT water pipe relocation	8/10/2023	0	\$ 4,440.75
PCO 159	Olsson	3220-000	Plant 2 Influent Channel ledger changes	8/10/2023	0	\$ 5,127.14
PCO 160	Olsson	3287-000	DAFT 2 buried obstructions	8/10/2023	0	\$ 2,141.75
PCO 161	Olsson	3220-000	Plant 2 Primary Headshaft Replacement	8/10/2023	0	\$ 12,268.07
PCO 162	Olsson	3287-000	Digester 1/2 Control Building Ceiling Demo	8/10/2023	0	\$ 1,798.04

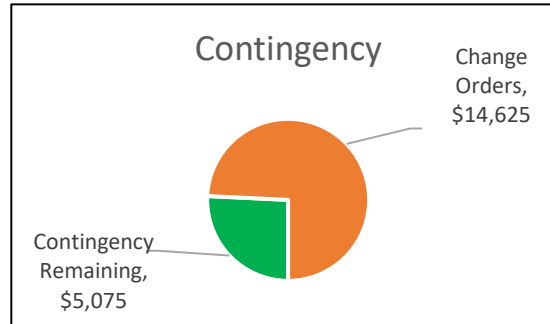
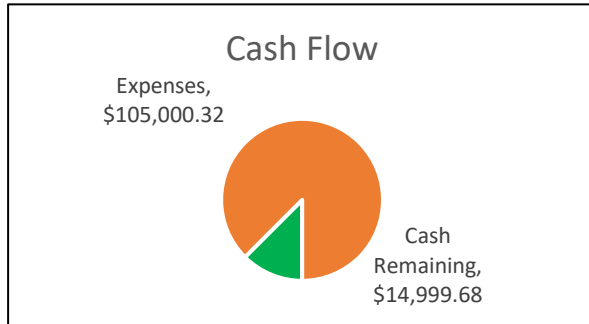
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 163	Olsson	3220-000	Demo and Cleanup Plant 1 Secondary Basin 3	8/10/2023	0	\$ 1,969.66
PCO 164	Olsson	3220-000	Plant 2 Secondary Valve Hardware Replacement	8/10/2023	0	\$ 781.58
Grand Total					191	\$ 3,484,069.86

Project Financial Status

Data Last Updated

Project Committee	2
Project Name	JBL Admin Building Roofing Reconstruction
Project Description	Replace the roofing on the JBL Admin building

July 31, 2023



Cash Flow

Collected	\$ 120,000.00
Expenses	\$ 105,000.32

Project Completion

Schedule	90%
Budget	100%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
A. Preman Roofing	18827	\$ 93,985.00	\$ 14,624.97		\$ 108,609.97	\$ 108,559.30
					\$ -	\$ -
		\$ 93,985.00	\$ 14,624.97	\$ -	\$ 108,609.97	\$ 108,559.30

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

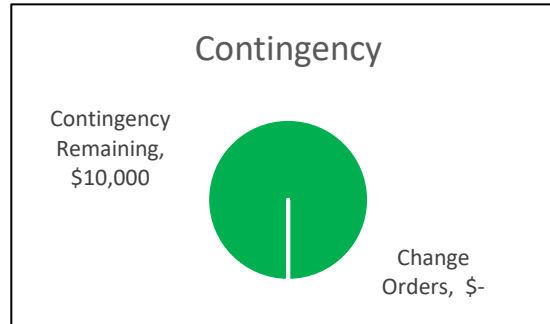
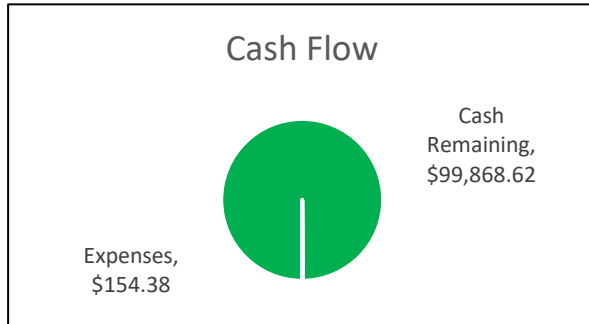
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Common	32232C-000	\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%
		\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%

Project Financial Status

Data Last Updated

Project Committee	15
Project Name	CTP AWMA Road Guardrail Replacement
Project Description	Replacing 510 linear feet of damaged guardrail along AWMA Road to CTP

July 31, 2023



Cash Flow

Collected	\$ 100,023.00
Expenses	\$ 154.38

Project Completion

Schedule	64%
Budget	0%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
Danny C. Hubbs	18886	\$ 48,770.00			\$ 48,770.00	\$ -
					\$ -	\$ -
		\$ 48,770.00	\$ -	\$ -	\$ 48,770.00	\$ -

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

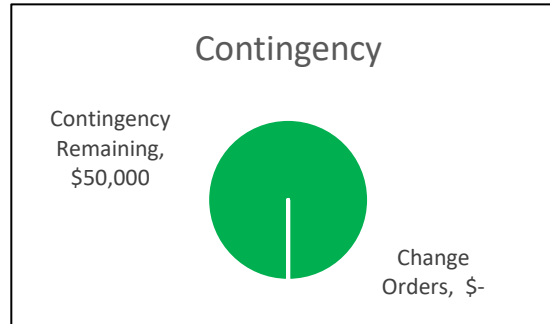
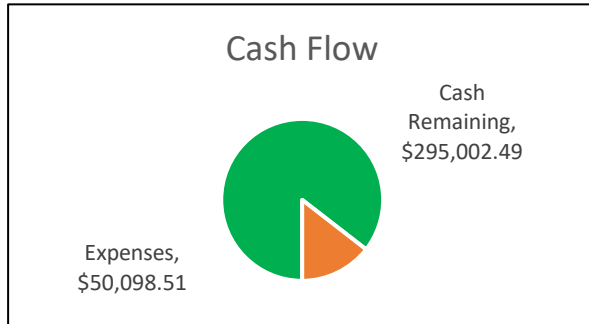
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3528-000	\$ 10,000.00	\$ -	\$ 10,000.00	0.0%
		\$ 10,000.00	\$ -	\$ 10,000.00	0.0%

Project Financial Status

Project Committee	24
Project Name	Aliso Creek Ocean Outfall Internal Seal Replacement
Project Description	Replacing 5 seals on the interior of the outfall

Data Last Updated

July 31, 2023



Cash Flow

Collected	\$ 345,101.00
Expenses	\$ 50,098.51

Project Completion

Schedule	14%
Budget	5%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
J.F. Brennan Compan	19185	\$ 261,753.00			\$ 261,753.00	\$ -
Black & Veatch	18544	\$ 75,310.00			\$ 75,310.00	\$ 17,612.50
		\$ 337,063.00	\$ -	\$ -	\$ 337,063.00	\$ 17,612.50

**Values include change orders to be reviewed by Engineering Committee and deductive change orders*

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Outfall	3480-000	\$ 50,000.00	\$ -	\$ 50,000.00	0.0%
		\$ 50,000.00	\$ -	\$ 50,000.00	0.0%

Agenda Item

6

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee

FROM: David Baranowski, Director of Engineering

SUBJECT: Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Revised Proposal [Project Committee 15]

Overview

At the April 13, 2023, Engineering Committee meeting, the PC 15 members voted to recommend to the Board approval of the Hazen funding strategy proposal. In May, the Board did not approve the contract due to questions surrounding the estimated cost of applying for grant opportunities that were yet to be determined.

Hazen and Sawyer prepared an updated proposal for consideration. It is very similar to the previous proposal but only includes one of the tasks (to develop a funding strategy plan) plus a task for project management. It no longer has tasks related to application/grant writing and agency coordination. The fee dropped from \$60,140 to \$30,140.

The revised scope aligns with the comments made at the May Board meeting. Staff plans to move forward with the revised proposal and fee. The revised fee is within the General Manager's spending authority and does not require approval by the Board.

Cost Allocation

The cost allocation for the study is shown in Table 1.

Table 1 – Cost Allocation by Member Agency

Agency	Cost
City of Laguna Beach	\$ 11,426.21
Emerald Bay Service District	\$ 899.70
Moulton Niguel Water District	\$ 8,817.07
South Coast Water District	\$ 8,997.02
Total	\$ 30,140.00

This work is funded by project 452410L-000. The FY2023-34 budget includes \$70,000 for this project.

Recommended Action: Information Item.



Hazen and Sawyer
 7700 Irvine Center Drive, Suite 200
 Irvine, CA 92618 • 949.951.8549

May 8, 2023

Mr. David Baranowski
 Project Manager
 South Orange County Wastewater Authority (SOCWA)
 34156 Del Obispo Street
 Dana Point, CA 92629

Re: Coastal Treatment Plant – Funding Strategy and Implementation Plan

Dear David:

Thank you for letting us know the outcome of the SOCWA Board of Directors meeting that occurred on May 4th, 2023. In accordance with your direction, we have revised our proposal.

Firm Experience

Hazen is a proven, experienced, and responsive team. Our funding experts have developed infrastructure funding solutions totaling over \$4.1B over the last 10 years for utilities across the country. Hazen’s comprehensive approach to funding assistance for grant and favorable financing programs has enabled other utilities to effectively obtain water and wastewater infrastructure funding assistance from over 30 unique funding programs across the country. Hazen has been assisting utilities with the identification of projects eligible for various local, state, and federal funding sources. Likewise, we have experience helping our municipal clients prioritize projects to optimize use of new and evolving funding programs to maximize available funding efforts in securing this funding, and importantly, ensuring clients meet all grant administration criteria. To provide the best information to clients and ensure the highest opportunity for success, Hazen draws upon our extensive experience engaging program staff, developing a detailed understanding of funding programs’ current priorities, and assisting utilities in determining which capital projects best fit various funding program opportunities.

Snapshot of the Proposed Hazen’s Funding Team’s Successful Funding Efforts

Project Name and Location	Total Funding
Nature-based Mitigation to Adapt in an Era of Megafire, Sonoma County, CA	\$37,000,000
Groundwater Supply Treatment, East Orange Water Commission, NJ	\$9,600,000
NYC Wastewater Resiliency Plan, NYCDEP, NY	\$350,000,000
Nutrient Reduction Project, South Central Wastewater Authority, VA	\$195,000,000
West Hickman WWTP Wet Weather Storage Tank, Lexington-Fayette Urban County Government, KY	\$66,000,000
Winsor Water treatment Plan Rehabilitation, City of North Miami, FL	\$20,000,000

Job no. 20007-006

Multiple Consent Decree Projects, City of Raleigh, NC	\$181,000,000
Neuse River RRF Bioenergy Recovery Program, City of Raleigh, NC	\$50,000,000
WWTP Improvements, City of Bedford Heights, OH	\$44,000,000
Brook Hollow Interceptor, Dallas Water Utilities, TX	\$22,000,000
WTP Upgrade Phase I, Greenville Utilities Commission, NC	\$69,000,000

Our team has been instrumental in providing the technical support and program development necessary for local governments and utilities to submit competitive grant proposals, including highly competitive programs such as FEMA’s Building Resilient Infrastructure and Communities (BRIC) program. Members of our team secured over \$64 million in FEMA Hazard Mitigation Program Grants to offset impacts related to natural hazards and were successful in securing a \$37 million dollar FEMA BRIC grant, which remains the nation's largest FEMA grant to mitigate impacts from wildfire.

Hazen is particularly adept at developing successful applications for new funding opportunities, ensuring that utility partners are immediately able to take advantage of available programs and do not miss potential opportunities. One example of this success is the EPA administered WIFIA program, which was established in 2017. To provide the best information to clients and ensure the highest opportunity for success, Hazen immediately engaged WIFIA program staff, developed a detailed understanding of program priorities, and assisted clients in determining which capital projects best fit the program priorities. Hazen’s proven approach has helped clients receive WIFIA funding in each of the four years the program has existed, with approvals ranging from \$29 million to over \$400 million and totaling \$1.4 billion. We are also assisting clients in leveraging new and evolving funding water, wastewater, and resiliency opportunities presented by the enactment of the Bipartisan Infrastructure Law (BIL), including additional grant-like money through the Department of Water Resources (DWR), the Federal Emergency Management Agency (FEMA) and the State Water Resources Control Board State Revolving Fund (SRF) programs.

Hazen’s team has an extensive history of managing and administering grants. Our team’s experience and expertise include a solid understanding of local, state, and federal programs requirements (i.e., Code of Federal Regulations Title 44 Section 200 (2CFR200) and Section 404). Our team recognizes that sound project monitoring will improve the efficiency of project implementation and the obligations associated with the funding process. As part of our standard procedures, Hazen’s team can upon request, monitor and evaluate the progress of any funded project in accordance with the approved statement of work and budget, administrative requirements of 2CFR200 and any applicable state requirements.

Experience of Project Manager

Lisa Hulette, MBA, PMP will serve in the role of Project Manager. Lisa brings more than 20 years of leadership in the non-profit and public sectors with proven experience at leveraging multi-pronged, well-funded efforts designed to broaden support and create collaboration among diverse stakeholders. She is an expert fundraiser and has led teams that secured over \$350 million in public and private funds for water resource planning, stream restoration, hazard mitigation and land conservation projects throughout California.

Prior to joining Hazen and Sawyer, Ms. Hulette was the Lead Program Manager and Designer for the \$37 million FEMA Building Resilient Infrastructure and Communities (BRIC) grant awarded to Sonoma County by United States President Biden on June 30, 2021, during a press conference. This is the largest wildfire project the federal government has funded to date and provides the foundation for FEMA’s wildfire

mitigation program. In addition to the FEMA BRIC award, Ms. Hulette was the lead in securing \$64 million from FEMA's Hazard Mitigation Grant Program to reduce risk from natural disasters in Sonoma County. In addition to hazard mitigation project design and facilitation, she has advanced several successful legislative actions to successfully streamline permitting for watershed restoration projects at the state level and managed a wide variety of projects from initial planning, through design, construction, and operation.

Approach

Hazen will work closely with the South Orange County Water Authority (SOCWA) to provide a comprehensive funding strategy and implementation plan to plot a course to obtain and administer the best available funding opportunities. To do this, we will identify multiple potential funding options to provide the flexibility necessary to adapt to emerging funding programs, leverage existing programs, and to maximize the return on SOCWA's capital investment. Hazen will provide SOCWA with comprehensive funding consulting services aimed at maximizing grant opportunities to minimize the financial burden on SOCWA. Hazen will leverage both our in-house engineering expertise and knowledge of funding programs to ensure project planning, design, and implementation can be integrated to balance funding program priorities with project and schedule objectives.

Hazen uses the steps below to in our approach to identify and secure infrastructure funding for water utilities:

1. Strategize applicable, available, achievable, funding options

An initial evaluation of SOCWA's current funding priorities will create a foundation for grant funding research and identification of feasible opportunities. Hazen will work closely with SOCWA to first develop an overall strategy to weigh the benefits and risks of all viable sources of grant funding and financing identified during the strategizing phase. This step will include analysis of the total program cost (e.g., including any federal cross cutter requirements), cashflow modeling, and comparing changes to rates under various funding scenarios. Understanding that SOCWA's goals – and funding opportunities – may shift over the course of the contract, this strategy will be revisited and revised, as needed, to remain a relevant guide.

2. Inform CIP design decisions to maximize available funding sources and amounts

Hazen will use the outcomes of step 1 to inform any project design elements that will make a project or program more competitive for identified funding strategies. This step will also account for established application cycles of each grant program, and how they relate to existing or planned projects.

3. Conform to all funding agency requirements

To ensure successful funding application efforts, Hazen will coordinate closely with SOCWA staff, our insight and knowledge of funding program "language," and our multidisciplinary staff to develop funding applications that fully integrate design, schedule, permitting, and stakeholder considerations.

4. Secure funds by developing competitive proposals/grant applications

Based on our experience establishing relationships with funding agency staff (and existing knowledge of local, state, and federal programs), Hazen will work diligently to prepare successful grant applications that strike the balance between technical rigor and narrative building.

The discrete tasks we anticipate undertaking for this effort are described below.

Task 1 – Funding Strategy Plan Development

Hazen will identify potential funding opportunities through iBank, SRF, WIFI, DWR, the Bureau of Reclamation, FEMA and any additional programs such as those related to BIL. The funding strategy will evaluate the benefit of each feasible funding alternative while considering impacts on schedule and total project costs of additional State and Federal processes and compliance requirements. Consideration will be given to the benefit of combining or separating projects or groups of projects for funding strategy purposes. An implementation plan will be developed based upon the evaluation. This task includes:

- Conducting an initial meeting to establish projects goals, schedule requirements, and financial capability.
- Based upon input from SOCWA, developing a funding strategy that will provide a plan for securing state and federal funding that identifies each potential source, application requirements and deadlines, and a submittal schedule to maximize funds with the greatest benefit to SOCWA.
- Preparing a memorandum detailing the results of the analysis and presenting the information to SOCWA.
- Up to three meetings and one presentation of the funding strategy.

Task 2 – Project Management

- Administrative duties and meetings to ensure project execution
- Monthly progress reports
- Invoicing and budget management

Estimated Fees

The attached table presents our estimated level-of-effort and fee to conduct the above tasks. The total not-to-exceed fee for the proposed scope of work is \$30,140.

While specific grant writing is not included in this calendar, competitive grants may be a strategy that SOCWA would like to pursue as part of their project, a goal of Task 1 is to provide ample information for a grant seeking plan to be put into plants. Depending on the complexity of each grant proposal, developing and writing grants may cost between \$15,000 - \$35,000.

Estimated Schedule

Hazen estimates that we can complete the above scope of work within 4 months after receiving the Notice to Proceed from SOCWA.

We sincerely appreciate the opportunity to submit this proposal. If you should have any questions or wish to discuss our proposal, please contact me at DRJones@HazenandSawyer.com or (916) 769-8753. Thank you.

Sincerely,



Dave Jones, PE



Mr. David Baranowski
May 8, 2023

Vice President

Enclosure

Agenda Item

7

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee

FROM: David Baranowski, Director of Engineering

SUBJECT: Contract Award for As-Needed Project Management Support Services

Overview

SOCWA staff budgets for staff labor and third-party engineering support within the CIP projects. Due to the number of CIP projects needed at SOCWA and SOCWA's limited internal staffing, SOCWA staff contacted Project Partners to review SOCWA's CIP needs and to provide SOCWA with a recommendation for supplemental staffing. Project Partners submitted a proposal that includes project management support for SOCWA's engineering projects that are in the planning, design, and construction phases.

Staff have identified several projects where these services will be utilized in the upcoming Fiscal Year. A sample of these projects are:

- JBL Scum Line Replacement
- JBL Energy Building Improvements
- JBL Effluent Pump Station Upgrades
- CTP Auxiliary Blower Building Roofing Replacement
- CTP Diffuser Replacement
- CTP Grating Replacement
- CTP Personnel Building Improvements
- RTP Digester Piping Replacement
- RTP Digester Gas System Improvements
- RTP Aeration Influent/Effluent Gate Replacement
- ETM Trail Bridge Crossing Protection
- Safety Improvements (at all facilities)

Cost Allocation

The Project Partners proposal has total fee of \$168,000. Costs will be billed on a time and materials basis at a rate of \$160 per hour. All costs will be tracked against the actual projects where the time is spent and the resulting costs will be allocated to the corresponding PC and wastewater code (Liquids, Solids, Common, etc.).

The funds for this contract are budgeted as six separate non-capital projects, which total \$175,000. Those projects are titled Engineering Team Staff Augmentation and have project numbers 42244C, 45249L, 472410C, 46244O, 41244O, and 44244O. This was done in order to collect funds from PCs.

The cost allocation shown in Table 1 represents the distribution of the contract based on the amounts included in the budget. However, this does not necessarily represent where the costs will be allocated. All costs attributable to a specific project will be billed to that project and will come from funds already collected for those projects.

Table 1 – Cost Allocation by Member Agency

Agency	Cost
City of Laguna Beach	\$ 15,362.50
City of San Clemente	\$ 2,991.60
Emerald Bay Service District	\$ 1,106.25
El Toro Water District	\$ 24,790.00
Moulton Niguel Water District	\$ 79,074.55
Santa Margarita Water District	\$ 23,279.00
South Coast Water District	\$ 21,396.10
Total	\$ 168,000.00

Because these funds are budgeted as a non-capital project, they have to be used by the end of this fiscal year (June 30, 2024). Any budget not used by that time would be refunded to the agencies through the Use Audit.

Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.



July 6, 2023

David Baranowski
Director of Engineering
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

SUBJECT: Proposal for As-Needed Project Management Support Services

Dear Mr. Baranowski,

Project Partners is pleased to offer this proposal for Project Management Support Services to the South Orange County Wastewater Authority (SOCWA). Below is our proposed scope of work and level of effort.

Scope of Work

Project Partners understands that SOCWA is interested in Project Partners providing project management support services for several small wastewater projects.

Duties for this position would include:

- Conduct field assessments for identified issues and provide project scoping.
- Prepare and review RFPs for various professional services as-needed.
- Negotiate, administer, and manage agreements for consultant services.
- Manage consultants in the preparation of project specifications and engineering plans.
- Oversee the bidding and construction of various projects, including acting as Project Manager, and supporting professional engineering services.
- Prepare and monitor the progress of projects against project budgets and schedules.
- Compile and/or review technical documents, as-built drawings, equipment lists, manuals, and training materials, etc.
- Communicate with other local, state, and federal permitting agencies as required.

Schedule

We are proposing that Project Partners provide SOCWA with a Senior Project Manager. Our goal is to provide highly qualified staff to move key projects forward.

We anticipate our staff will initially provide support services for approximately 20 hours per week for approximately 6 months. If needed, support services can be extended until the end of the fiscal year (approximately until June 30, 2024). Should SOCWA's needs change, we will adjust our staff's schedule to meet the goals of SOCWA. However, in all cases, we will manage and track our staff's time to ensure we do not exceed 1000 hours per fiscal year and remain fully compliant with CalPERS rules.

Proposed Staff Resource(s)

Project Partners is proposing Mr. Gary Conklin to provide Project Management Services. He possesses over 35 years of engineering experience. Mr. Conklin provided the Orange County Sanitation District his expertise for 20 years in areas of Engineering Planning, Design, and Operations and Maintenance. He has extensive experience in project and construction management, and he is proficient in pipelines, pumping stations, and design.

Billing Rate and Project Budget

Project Partners billing rates for our proposed Senior Project Manager is as follows:

<u>Classification</u>	<u>2023-24 Hourly Billing Rate</u>	<u>Estimated Annual Budget</u>
Initial Period (6 months)	\$160	\$84,000
Extended Period (Next 6 months)	\$160	\$84,000
Total Projected Budget		\$168,000

Note: Approved Mileage and Expenses will be billed as incurred with no additional markup.

Again, I would like to thank you for utilizing Project Partners services and, as always, should you have any questions, or desire additional information, please do not hesitate to call at any time. We look forward to providing continued services to you and your staff.

Sincerely,



Kimo Look, P.E.
Project Partners

Agenda Item

8

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee

FROM: David Baranowski, Director of Engineering

SUBJECT: Contract Amendment for Export Sludge Force Main Temporary Impact Area Restoration Monitoring and Maintenance

Overview

The combination of the Coastal Fire and the heavy rains this winter have complicated the monitoring and maintenance of the restoration area for the export sludge force main replacement. Dudek has submitted an amendment to increase the cost for both monitoring and maintenance activities.

Background

As part of the permit requirements for the construction of the export sludge force main replacement, SOCWA is required to restore the vegetation that was disturbed during construction, known as the Temporary Impact Area. The permit requires that the restoration of this area meets certain performance criteria at the end of two years. If the performance criteria are not met after two years, then our monitoring and maintenance efforts will continue until the criteria are finally met.

Starting in April 2022, when the area was hydroseeded, Dudek has been monitoring and maintaining the area. The original contract included periodic monitoring visits by a biologist, permit-required reporting, and periodic visits by a maintenance crew to control weeds.

The heavy rains this winter caused a number of problems in the restoration area. First, the Coastal Fire in May 2022 resulted in hillsides that were prone to erosion. Portions of the trail and restoration area were covered in soil that slid off the hillsides. Second, portions of the trail were impassable because they were too moist or covered in mud. This limited the number of visits that could be done. Third, the large amount of rain, while great for the seed we applied, resulted in a massive bloom of weeds and non-native plants. This greatly increased the amount of weeding that needed to be done and required a biologist to be onsite with the maintenance crew to identify what to weed. Further complicating the maintenance efforts, OC Parks updated their rules on the use of herbicides, which altered the method the crew used to control weeds.

Amendment

Dudek submitted a proposal amendment for \$81,400. The amendment includes:

- Additional monitoring visits by a biologist to instruct the maintenance crew.
- Additional maintenance visits to keep up the weeds under control.

Table 1 shows the original contract and amendment.

Table 1 – Cost Allocation by Member Agency

Activity	Original Contract	Amendment	Total
Monitoring	\$ 14,030	\$ 14,400	\$ 28,430
Maintenance	\$ 76,500	\$ 67,000	\$ 143,500
Total	\$ 90,530	\$ 81,400	\$ 171,930

Cost Allocation

Table 2 shows the allocation of the costs by agency. This contract is funded by project 3541-000. There is enough money collected for the project to cover the amendment.

Table 2 – Cost Allocation by Member Agency

Agency	Amendment
City of Laguna Beach	\$ 30,859.10
Emerald Bay Service District	\$ 2,429.85
Moulton Niguel Water District	\$ 23,812.54
South Coast Water District	\$ 24,298.51
Total	\$ 81,400.00

Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.

July 25, 2023

David Baranowski, P.E.
Director of Engineering
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

Subject: Change Order Proposal – Coastal Treatment Plant Export Sludge Force Main Replacement Project, Temporary Impact Area Restoration Monitoring and Maintenance

Dear David Baranowski:

Dudek appreciates the opportunity to submit this proposal to the South Orange County Wastewater Authority (SOCWA) to continue to provide post-construction habitat restoration monitoring and maintenance services for the temporary impact area associated with the Coastal Treatment Plant Export Sludge Force Main Replacement Project (project).

For the past year, Dudek has been providing restoration monitoring and maintenance services for temporary impact area associated with the project. Additional monitoring visits and maintenance events are required to continue to progress restoration as required by the project's Habitat Monitoring and Maintenance Plan (HMMP) dated November 2019.

Project Background

Dudek advises that additional maintenance visits will be required to satisfy the performance criteria of the restoration efforts in the temporary impact area. A significant reason for this change order is that the temporary impact area is located on OC Parks property and the policy regarding use of herbicide use on OC Parks land has changed since HRS provided the initial proposal in February 2022. The new OC Parks Integrated Pest Management (IPM) policy states that: Herbicide treatment up to 10 feet from any trail is prohibited; Herbicide treatment where fencing is installed along a trail is only allowed from 10 feet and beyond with an approved OC Parks Herbicide Application Form; and Herbicide treatment where no fencing is installed along a trail is only allowed from 50 feet and beyond with an approved OC Parks Herbicide Application Form.

As most of the temporary impact area is immediately adjacent to a trail, much of the site is unable to receive herbicide treatment and must instead receive manual and mechanical weed removal. These types of weed treatment methods are slower than chemical treatment, as well as may cause in soil disturbance which can open up the nonnative seed bank.

In addition to the herbicide restrictions, the other reasons why additional maintenance events are required is that the rainy season in Winter 2022/2023 was especially wet, with twice the amount of normal rainfall which increased weed populations across the site, and much of the trail was closed by OC Parks to vehicle access following to the Coastal Fire.

Additional biological monitoring time is also required to continue restoration progress. During Year 1, additional monitoring coordination was required to ensure maintenance was targeting specific treatment polygons for performance criteria. In order to efficiently target hand weed removal, additional monitoring is needed through completion of the two-year maintenance program to assist efficiency in contractor maintenance during visits. Dudek anticipates additional monitoring coordination will be required for Year 2 because of increased weed populations.

Scope of Services

TASK 1 ADDITIONAL BIOLOGICAL MONITORING

Similar to Year 1, Dudek anticipates a need for a coordination effort with the maintenance activity to target specific treatment polygons for performance criteria. Dudek’s habitat restoration specialist will perform twelve (12) monitoring visits in coordination with maintenance visits in Year 2 (see Task 2 below). Please note that two of the twelve visits occurred in Year 1 to provide additional coordination support for targeted maintenance.

Each qualitative assessment shall consist of a site walkthrough including a characterization restoration progress and assessment of maintenance conducted to date. Observations will be noted, such as native seedling germination, prevalence of weeds, and any general conditions that may require maintenance (e.g., temporary fence condition or erosion control). Site progress will be tracked through photo-documentation from permanent photo station established during the first monitoring visit. Maintenance recommendations will be provided in site observation reports with anecdotal photos and mark-up of field maps to document site progress or illustrate specific maintenance needed. In addition to observation and reporting, Dudek will work directly with the contractor during site visits to identify locations within the temporary impact footprint to target weed removal, particularly native habitats required of meeting end-of-project success criteria.

The Dudek project manager will perform staff coordination, project setup and closure, budget and schedule maintenance, and invoicing tasks for project control.

Cost for Task 1..... **\$14,400.00**

TASK 2 ADDITIONAL RESTORATION MAINTENANCE

Habitat Restoration Science, Inc. (HRS), a Dudek subsidiary, will continue to provide maintenance. An additional ten (10) visits of on-going maintenance within the treatment polygons as indicated in the document titled “Maintenance Mapbook 2023” which is based on the *Temporary Impact Vegetation Cover Data Memorandum* prepared by Dudek is recommended. Each visit will consist of a 4-person crew working over 2 days. Maintenance visits will be timed under the direction of the Project Biologist to be seasonally appropriate for the needs of the project site.

Maintenance visits will be timed to be seasonally appropriate for the needs of the project site. Maintenance will be performed for \$6,700/visit.

Assumptions: HRS assumes State DIR maintenance prevailing wages apply.

Exclusions: This proposal does not include permit fees, water costs, water meter fees, traffic control, hazardous materials removal, coring, boring, or breaking. HRS excludes cost of development of SWPPP plan and any QSD/QSP services. This proposal does not include any remedial work efforts (planting, seeding, watering, etc.) beyond the maintenance tasks listed. This proposal does not include any repairs due to vandalism or incidents beyond the control of HRS.

Cost for Task 2..... \$67,000.00

Cost Estimate

Work pursuant to this change order will be billed on a time-and-materials basis, not to exceed **\$81,400.00**.

Please contact me at (442) 287-9012 or ephillips@dudek.com if you have any questions regarding our scope of work and cost estimate.

Sincerely,



Erin Phillips
Project Manager

cc: *Jeff Bishop, HRS*
Stu Fraser & Erin Coltharp, Dudek

Agenda Item

9

Engineering Committee Meeting

Meeting Date: August 10, 2023

TO: Engineering Committee
FROM: David Baranowski, Director of Engineering
SUBJECT: Contract Award for Generator Pre-Purchasing [Project Committee 2]

Overview

SOCWA staff is currently working on a project to replace a generator at the J.B. Latham treatment plant (JBL) under Project 3252-000, MCC M and G Replacement. The lead time for the generator is 58 weeks.

SOCWA staff has been looking into pre-purchasing this and other equipment due to the reported long lead times. Pre-purchasing would allow SOCWA coordinate the construction bidding with the equipment delivery date. This approach will reduce the contractor's schedule and reduces the contractor's overhead costs.

SOCWA staff solicited quotes through Sourcewell for the 500kW natural gas generator. One quote was received from Cummins. Staff is waiting for a response from another vendor and will continue to follow up. Staff will provide an updated staff report if a second quote is received.

Cost Allocation

The quote from Cummins is for \$567,000. The engineer's estimate was \$500,000. Table 1 shows the allocation of costs by member agency.

Table 1 – Cost Allocation by Member Agency

Agency	Cost
Moulton Niguel Water District	\$ 130,846.15
Santa Margarita Water District	\$ 272,596.15
South Coast Water District	\$ 163,557.70
Total	\$ 567,000.00

The FY23/24 budget for Project 3252-000 (MCC M and G Replacement) is \$1,000,000, which was intended for pre-purchasing equipment.

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board of Directors to approve the contract to Cummins for a total of \$567,000 for the JBL MCC M and G Replacement Project.