

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

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

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

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Meeting ID: 829 0586 9837  
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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 **March 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 FOR 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 February 10, 2022

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

#### **4. Operations Report**

- Verbal Update: Information provided to AQMD related to bypass pumping for critical repairs and odor impacts.

**Recommended Action:** Information Items.

#### **5. Capital Improvement Construction Projects Report**

**Recommended Action:** Information Item.

#### **6. Aliso Creek Environmental Restoration and Mitigation Update [Project Committee 15]**

- Verbal Update

**Recommended Action:** Information Item

#### **7. J.B. Latham Package B**

- **Solids Contingency Increase [Project Committee 2]**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC-2 Board of Directors to approve the addition of \$200,000 of contingency to the J.B. Latham Package B Solids Project (3287-000) for a total Solids contingency of \$1,857,400.

- **Authorization to Issue Change Order Payments for Package B on Engineering Committee Approval**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC-2 Board of Directors to authorize the General Manager to issue payments within contingency amounts for Change Orders for Package B work after consideration and approval by the Engineering Committee in order to shorten time for flow of funding to the Contractor.

**8. Draft Capital Budget FY 2022-23**

- **Detailed review of Items delivered to the Committee Members on March 2, 2020, and as attached to this Agenda**

**Recommended Action:** Committee Discussion, Comments and Recommendations

**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 4th day of March 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**

**February 10, 2022**

**DRAFT**

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on February 10, 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:

|                |  |
|----------------|--|
| MIKE DUNBAR    | Emerald Bay Service District                 |
| HANNAH FORD    | El Toro Water District [arrived @ 9:03 a.m.] |
| 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:**

|                  |                             |
|------------------|-----------------------------|
| DAVID SHISSLER   | City of Laguna Beach        |
| DAVE REBENS DORF | City of San Clemente        |
| STEVE MAY        | City of San Juan Capistrano |
| KEVIN BURTON     | Irvine Ranch Water District |

**Staff Present:**

|                   |                                      |
|-------------------|--------------------------------------|
| BETTY BURNETT     | General Manager                      |
| JIM BURROR        | Director of Operations               |
| AMBER BAYLOR      | Director of Environmental Compliance |
| DAVID BARANOWSKI  | Senior Engineer                      |
| RONI YOUNG        | Associate Engineer                   |
| JEANETTE COTINOLA | Procurement/Contracts Administrator  |
| MATT CLARKE       | IT Administrator                     |
| MARY CAREY        | Finance Controller                   |
| ANNA SUTHERLAND   | Accounts Payable                     |
| NADYN KIM         | Accounting                           |
| DANITA HIRSH      | Executive Assistant                  |

**Also Present:**

|                  |                               |
|------------------|-------------------------------|
| ADRIANA OCHOA    | Procopio Law                  |
| TARYN KJOLSING   | South Coast Water District    |
| CHRIS NEWTON     | South Coast Water District    |
| SHERRY WANNINGER | Moulton Niguel Water District |
| DAVE LARSEN      | Moulton Niguel Water District |
| JESUS GARIBAY    | 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

- Engineering Committee Meeting of January 13, 2022

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 6, Nay 0, Abstained 0, Absent 4 |
|                 | David Shissler (CLB) Absent         |
|                 | Dave Rebensdorf (CSC) Absent        |
|                 | Steve May (CSJC) Absent             |
|                 | Mike Dunbar (EBSA) Aye              |
|                 | Hannah Ford (ETWD) Aye              |
|                 | Kevin Burton (IRWD) Absent          |
|                 | Rod Woods (MNWD) Aye                |
|                 | Marc Serna (SCWD) Aye               |
|                 | Don Bunts (SMWD) Aye                |
|                 | Lorrie Lausten (TCWD) Aye           |

4. Operations Report

Mr. Burror, Director of Operations, reported that the J.B. Latham Manway on Digester 1 will be completed this week. He also noted budget information for O&M will be submitted to Finance in the following week. An open discussion ensued.

This was an information item; no action was taken.

5. Capital improvement Construction Projects Report

Mr. Burror requested Ms. Young hold her update report on the Package B Project for when agenda item 6 is addressed.

Mr. Baranowski, Senior Engineer stated there were no change orders to report. He reported on the Coastal Treatment Plant (CTP) Export Sludge Force Main Replacement Project stating that the contractor is expected to demobilize on Tuesday, 2/15, and the trail will be reopened to the public at that time. Mr. Baranowski also reported on the CTP Facilities Improvements noting there are no further updates for the project and that the project will be removed from the report when it is fully closed out. An open discussion ensued.

This was an information item; no action was taken.

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

Ms. Young, Associate Engineer reported that Ovivo will be on site this week to certify the DAFT 2 equipment installation. Rockwell Engineering will be onsite next week to certify the TWAS pump installation, and the Plant 1 Influent Channel Phase 3 bypass will be completed by the end of the week and will conclude the work between Basins 3 and 4. Ms. Young continued reporting that Butier is in the process of reviewing the descope and time cost impact items submitted by Olsson. In addition, SOCWA is obtaining quotes for the electrical coordination study to ensure the submitted potential change order from Olsson and the electrical subcontractor is fair.

Mr. Burror reported on receiving odor complaints associated with the ongoing bypass pumping to critical repairs. He stated the complaints are from neighbors in the South Cove development next to the J.B. Latham Plant (JBL), and that O&M staff is performing additional odor patrols and provided phone contact numbers for the residents to call when odors are noticed. Mr. Burror continued stating SOCWA staff has also provided residents with additional information on emissions from JBL and other recent study information from plants in southern California regarding emission levels. O&M staff has also contacted the City of Dana Point and OCSD regarding the issue and provided SOCWA contact information for residents. Mr. Burror noted that the bypassing is anticipated to be complete by the end of the week. An open discussion ensued.

Mr. Bunts recommended staff also contact SCAQMD and update them on the construction. SOCWA agreed to contact them and inform them of the project.

This was an information item; no action was taken.

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

Mr. Baranowski reported that restoration and mitigation are required by the project permits that will last a few years. The first item is to hydroseed to begin restoring the construction site within the next couple of weeks. He stated that the mitigation work is in permitting and design stages likely for the next 12 months., then construction to implement the required mitigation. Mr. Baranowski stated the previously designated offset mitigation and restoration area has become no longer viable, and SOCWA will have to find and permit a new site. SOCWA staff will take the next step of budgeting the mitigation and restoration project to follow the construction project. SOCWA will potentially contract with a third party to perform the work necessary to offset the construction impacts.

This was an information item; no action was taken.

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

Mr. Baranowski reported that the project is restarting after being paused prior to the bidding stage. Carollo is preparing a memo to update the construction cost estimate and identify repairs made by staff while the project was paused to take them out of the design. He anticipates getting the project out to bid in the next few months. An open discussion ensued.

This was an information item; no action was taken.

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

Ms. Amber Baylor, Director of Environmental Compliance gave a presentation (attached herein) on the updated budget flows and solids projections for fiscal year 2023-24 through 2026-27. An open discussion ensued.

This was an information item; no action was taken.

Adjournment

There being no further business, Mr. Burror adjourned the meeting at 9.02 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 February 10, 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

2/10/22  
SOCWA  
Engineering  
Committee

Agenda Item 9: Budget Flows  
and Solids Projections Update

Amber Baylor

## Previous Actions

- 
- January 13, 2022, Engineering Committee
  - Agenda Item 6, J.B. Latham Treatment Plant FY 22-23 and FY 23-24 Increased Flows and Solids [Project Committee 2)
  - Agreement by Engineering Committee to provide the flows and solids by February 1, 2022
  - Comments provided through 2/9/22, updates included in this presentation.
  - Comments on excel data/tables due by 2/22/22 for budget preparation for Member Agency Review

# Budget Process

**South Orange County Wastewater Authority**

**Summary of Cost Allocation Approaches by Project Committee**

Prepared by Carollo Engineering in FY 2015-16 and Board Policy Decisions added in FY 2019-20 and FY 2020-21.

|  | <i>O&amp;M Costs<sup>1</sup> - Variable</i>  | <i>O&amp;M Costs<sup>2</sup> – Fixed</i>  | <i>Capital Costs</i>  | <i>Board Policy Decisions<br/>(added by staff in FY 2019-20)</i>   |
|--|--|---|---|--|
| PC 250<br>Water Reclamation<br>Permits | Total O&M costs are split 50/50 between fixed and variable.<br><br>Allocated proportionally to each PC member based on non-potable water production and projections.   | Total O&M costs are split 50/50 between fixed and variable.<br><br>Divided equally between each PC member.  | Not applicable  | PC 250 (12) costs are no longer shared by El Toro Water District and Irvine Ranch Water District due to agencies no longer being within the Recycled Water Order issued by the San Diego Regional Water Quality Control Board as of decision in June, 2019.  |
| PC 2<br>Jay B. Latham Plant            | Per PC agreement, liquid-related costs allocated based on each PC member's average flow of prior fiscal year to plant. However, in practice, allocation is based on prior calendar year instead.<br><br>Solids- related costs allocated based on PC member's average solid loadings at plant during same period as liquid cost allocation. | Allocated to each PC member by dividing total common costs equally between liquids and solids capacities and allocating to each PC member on basis of liquid treatment capacity ownership and solids handling capacity ownership. | For facilities or equipment with a service life equal to or greater than 5 years, or a value in excess of \$1,000, costs are allocated on the basis of liquid treatment capacity ownership and/or solids treatment capacity ownership as may be applicable. | Flows and loads are based on results of FY end 2019 use audit with the exception of PC 2 (JBL) solids which will be based on the past 3-year average (as directed by PC 2 in April 2017) and agreement between SMWD and MNWD to continue flow for MNWD from Oso-Trabuco line at 1.4 mgd. The agreement also directs staff to assume that MNWD's solids are based on the influent strength of the sewage to the 3A Plant with the balance of the solids being attributed to SMWD. As directed by SMWD in April 2020, the Agency's PC 2 Flows will be budgeted at 1.1 mgd. See also Budget Assumptions 7(a), 11(a), 11(e), 11(f), 11(h), 12(c) and 15. |

# PC2

| <b>PC2 - JB Latham Plant</b>               |                               |                       |
|--|-------------------------------|-----------------------|
| <b><u>Liquids Summary (mgd)</u></b>        |                               |                       |
|  | <b>2022-2023</b>              | <b>Total</b>          |
| <b>Member</b>                              | <b>Budget</b>                 | <b>Percent</b>        |
| <b><u>Agency</u></b>                       | <b>Billing Flow (mgd)</b>     | <b><u>To Date</u></b> |
| CSJC                                       | 2.207                         | 26.23%                |
| MNWD                                       | 1.400                         | 16.64%                |
| SCWD                                       | 1.607                         | 19.10%                |
| SMWD                                       | 3.200                         | 38.03%                |
|  | <b>8.414</b>                  | <b>100.00%</b>        |
| Please refer to the MNWD & SMWD Agreement  |                               |                       |
| <b><u>Solids Summary Loading (mgd)</u></b> |                               |                       |
|  | <b>Total</b>                  | <b>Total</b>          |
| <b>Member</b>                              | <b>Avg. Loadings</b>          | <b>Percent</b>        |
|  | <b>2021-2022</b>              |                       |
| <b><u>Agency</u></b>                       | <b><u>Billing Loading</u></b> | <b><u>To Date</u></b> |
| CSJC                                       | 5884                          | 22.54%                |
| MNWD                                       | 6169                          | 23.63%                |
| SCWD                                       | 5584                          | 21.38%                |
| SMWD                                       | 8473                          | 32.45%                |
|  | <b>26110</b>                  | <b>100.00%</b>        |

Please note that SMWD and MNWD provided input to the flows.

# PC12

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| <b>PC 12 Recycled Water</b>         |                            |                            |
|-------------------------------------|----------------------------|----------------------------|
| <b>Master Recycled Water Permit</b> |                            |                            |
| <b>2021</b>                         |                            |                            |
| <b>Region 9 Recycled Production</b> |                            |                            |
| <b>Member Agency</b>                | <b>FY 2022-2023 Budget</b> | <b>FY 2022-2023 Budget</b> |
|                                     | <b>acft</b>                | <b>%</b>                   |
| CSJC                                | 464                        | 2.98                       |
| MNWD                                | 6405                       | 40.41                      |
| SCWD                                | 1066                       | 6.73                       |
| SMWD                                | 7008                       | 44.22                      |
| TCWD                                | 907                        | 5.72                       |
| <b>Total</b>                        | <b>15850</b>               | <b>100.00</b>              |



PC15

**PC 15 Actual Flows  
FY 2022-2023 Budget**

**Coastal Treatment Plant**

| <b>Member Agency</b> | <b>Plant Flows MGD</b> | <b>Plant Flow Percent</b> |
|----------------------|------------------------|---------------------------|
| <b>CLB</b>           | <b>1.496</b>           | <b>55.21</b>              |
| <b>EBSD</b>          | <b>0.060</b>           | <b>2.21</b>               |
| <b>SCWD</b>          | <b>1.153</b>           | <b>42.58</b>              |
| <b>MNWD</b>          | <b>0.00</b>            | <b>0.00</b>               |
| <b>Total</b>         | <b>2.71</b>            | <b>100.00</b>             |

# PC17

| PC 17 Liquids<br>Regional Treatment Plant<br>Budget FY 22-23 |                 |                |                    |                 |
|--|-----------------|----------------|--------------------|-----------------|
| Member Agency  | Flow (MGD)      | Flow (MGD)     | Total Flow (MGD)   | Liquid Flow (%) |
| CLB  | 0               | 0.01297        | 0.007160768        | 0.0942          |
| EBSD   | 0               | 0.00052        | 1.1507E-05         | 0.0002          |
| SCWD   | 0               | 0.01002        | 0.004265861        | 0.0561          |
| ETWD   | 0               | 0.01562        | 0.01562293         | 0.2056          |
| MNWD   | 7.502997        | 0.06936        | 7.572359047        | 99.6439         |
| <b>Total</b>   | <b>7.502997</b> | <b>0.10849</b> | <b>7.599420113</b> | <b>100.0000</b> |

| PC 17 Solids<br>Regional Treatment Plant<br>Budget FY 22-23 |                |               |
|---|----------------|---------------|
| Member Agency   | FY 22-23 #/Day | FY 22-23 %    |
| <b>CLB</b>  | 4406           | 11.89         |
| <b>ETWD</b>   | 5305           | 14.32         |
| <b>EBSD</b>   | 177            | 0.48          |
| <b>MNWD</b>   | 23769          | 64.16         |
| <b>SCWD</b>   | 3392           | 9.16          |
| <b>Total</b>  | <b>37049</b>   | <b>100.00</b> |

Flows and  
Solids Raw  
Data

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Sent via email 2/10/22

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Amber Baylor

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949-234-5409

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[abaylor@socwa.com](mailto:abaylor@socwa.com)

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Input back due 2/22/22

# Agenda Item

# 5

Engineering Committee Meeting

Meeting Date: March 10, 2022

**TO:** Engineering Committee

**FROM:** David Baranowski, Senior Engineer

**SUBJECT:** Capital Improvement Construction Projects Report  
[Project Committees 2 and 15]

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## Overview

### *Active Construction Project Updates:*

Attached are the updated CIP reports. Please note that there are seven new change orders for PC 2 J.B. Latham Package B project totaling \$160,655, twelve new change orders for PC 15 Coastal Treatment Plant Export Sludge Force Main Replacement Project totaling (\$255,006), and one new change order for the PC 2 Digester 1 and 2 Manway Access Improvements.

### **Recommended Action:** Staff recommends that the Engineering Committee recommend:

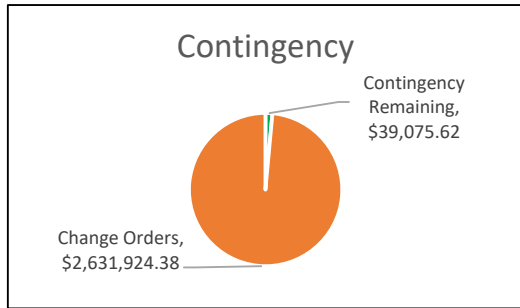
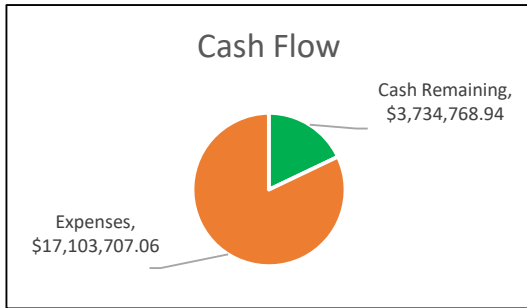
- to the PC 2 Board of Directors to approve Olsson Construction Change Orders:
  - Change Order 35 for \$7,256.05,
  - Change Order 36 for \$45,374.13,
  - Change Order 37 for \$34,505.41,
  - Change Order 38 for \$9,274.98,
  - Change Order 39 for \$7,149.86,
  - Change Order 40 for (\$2,309.09),
  - and Change Order 41 for \$59,403.53
  - for a total of \$160,654.87 and a revised contract value of \$18,698,172.38 for the J.B. Latham Package B project and;
- to the PC 15 Board of Directors to approve JR Filanc Change Orders:
  - Change Order 12 for \$0.00,
  - Change Order 13 for \$102,221.80,
  - Change Order 14 for \$0.00,
  - Change Order 15 for \$0.00
  - Change Order 16 for \$11,449.65,
  - Change Order 17 for \$4,569.59,
  - Change Order 18 for \$ \$14,909.28,
  - Change Order 19 for \$ \$1,588.58,
  - Change Order 20 for \$ \$1,332.33,
  - Change Order 21 for \$0.00
  - Change Order 22 for \$ \$7,817.39,
  - and Change Order 23 for \$ (\$398,894.31)
  - for a total of (\$255,005.69) and 36 days added to the contract and a revised contract value of \$ \$2,953,117.79 for the Coastal Treatment Plant Export Sludge Force Main Replacement project and;
- to the PC 2 Board of Directors to approve S&S Mechanical Change Order 1 for \$5,503.44 for a total revised contract value of \$217,793.44 for the J.B. Latham Digester 1 and 2 Manway Access Improvements project.

**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**

February 28, 2022



**Cash Flow**

|           |                  |
|-----------|------------------|
| Collected | \$ 20,838,476.00 |
| Expenses  | \$ 17,103,707.06 |

**Project Completion**

|          |     |
|----------|-----|
| Schedule | 85% |
| Budget   | 72% |

**Contracts**

| Company           | PO No. | Original                | Change Orders*         | Total                   | Invoiced                |
|-------------------|--------|-------------------------|------------------------|-------------------------|-------------------------|
| Olsson            | 13497  | \$ 17,325,000.00        | \$ 1,373,172.38        | \$ 18,698,172.38        | \$ 13,399,279.58        |
| Butier            | 13647  | \$ 895,727.00           | \$ 612,715.00          | \$ 1,508,442.00         | \$ 1,275,729.50         |
| Carollo           | 13616  | \$ 846,528.00           | \$ 616,037.00          | \$ 1,462,565.00         | \$ 1,073,435.61         |
| TetraTech         | 13605  | \$ 94,000.00            | \$ -                   | \$ 94,000.00            | \$ 83,602.20            |
| Ninyo & Moore     | 14279  | \$ 49,399.00            | \$ 30,000.00           | \$ 79,399.00            | \$ 40,989.27            |
| ADS Environmental | 16452  | \$ 24,875.00            | \$ -                   | \$ 24,875.00            | \$ 24,875.00            |
| Hallsten          | 16578  | \$ 251,422.00           | \$ -                   | \$ 251,422.00           | \$ -                    |
| Dudek             | 17401  | \$ 48,360.00            | \$ -                   | \$ 48,360.00            | \$ -                    |
|                   |        | <b>\$ 19,535,311.00</b> | <b>\$ 2,631,924.38</b> | <b>\$ 22,167,235.38</b> | <b>\$ 15,897,911.16</b> |

\*Values include change orders to be reviewed by Engineering Committee

**Contingency**

| Area    | Project Code | Amount                 | Change Orders          | Total Remaining     | Percent Used |
|---------|--------------|------------------------|------------------------|---------------------|--------------|
| Liquids | 3220-000     | \$ 916,800.00          | \$ 902,119.55          | \$ 14,680.45        | 98.4%        |
| Common  | 3231-000     | \$ 96,800.00           | \$ 83,680.00           | \$ 13,120.00        | 86.4%        |
| Solids  | 3287-000     | \$ 1,657,400.00        | \$ 1,646,124.83        | \$ 11,275.17        | 99.3%        |
|         |              | <b>\$ 2,671,000.00</b> | <b>\$ 2,631,924.38</b> | <b>\$ 39,075.62</b> | <b>98.5%</b> |

**Summary of New Change Orders**

| Change Order No    | CSJC                | MNWD                | SCWD                | SMWD                | \$ Amount            |
|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| 35                 | \$ 2,232.63         | \$ 1,674.47         | \$ 2,093.09         | \$ 1,255.85         | \$ 7,256.05          |
| 36                 | \$ 13,961.27        | \$ 10,470.95        | \$ 13,088.69        | \$ 7,853.21         | \$ 45,374.13         |
| 37                 | \$ 10,617.05        | \$ 7,962.79         | \$ 9,953.48         | \$ 5,972.09         | \$ 34,505.41         |
| 38                 | \$ 2,853.84         | \$ 2,140.38         | \$ 2,675.48         | \$ 1,605.29         | \$ 9,274.98          |
| 39                 | \$ 2,199.96         | \$ 1,649.97         | \$ 2,062.46         | \$ 1,237.48         | \$ 7,149.86          |
| 40                 | \$ (692.73)         | \$ (499.26)         | \$ (461.82)         | \$ (655.28)         | \$ (2,309.09)        |
| 41                 | \$ 17,821.06        | \$ 12,844.01        | \$ 11,880.71        | \$ 16,857.76        | \$ 59,403.53         |
| <b>Grand Total</b> | <b>\$ 48,993.08</b> | <b>\$ 36,243.30</b> | <b>\$ 41,292.09</b> | <b>\$ 34,126.40</b> | <b>\$ 160,654.87</b> |

**Change Orders**

| Change Order No.                      | Vendor Name | Project ID | Description  | Status Date | Days       | Amount                 |
|---------------------------------------|-------------|------------|--|-------------|------------|------------------------|
| <b>Approved by Board of Directors</b> |             |            |  |             | <b>190</b> | <b>\$ 2,471,269.51</b> |
| 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           |

| <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> |
|-------------------------|--------------------|-------------------|--|--------------------|-------------|---------------|
| 7                       | Olsson             | 3287-000          | Digester 4<br>Additional<br>Concrete Repair  | 8/6/2020           | 3           | \$ 7,412.74   |
| 8                       | Olsson             | 3287-000          | Repair Existing<br>Damaged Electrical<br>Box   | 8/6/2020           | 0           | \$ (1,829.00) |
| 9                       | Olsson             | 3220-000          | Change the<br>Telescoping Valve<br>Boxes and Piping<br>from Carbon Steel<br>to Stainless Steel | 8/6/2020           | 0           | \$ 18,677.63  |
| 10                      | Olsson             | 3287-000          | Duct bank J<br>Interferences   | 12/17/2020         | 18          | \$ 73,639.42  |
| 11                      | Olsson             | 3220-000          | Blasting of Existing<br>Influent Pipe<br>Spools  | 12/17/2020         | 5           | \$ 20,868.52  |
| 12                      | Olsson             | 3220-000          | Duct bank K<br>Interferences   | 12/17/2020         | 0           | \$ 15,567.08  |
| 13                      | Olsson             | 3287-000          | Digester 3/4 PLC<br>Relocation   | 12/17/2020         | 14          | \$ 41,367.51  |
| 14                      | Olsson             | 3287-000          | Digester 4<br>Additional Tank<br>Repair  | 12/17/2020         | 18          | \$ 33,642.75  |
| 15                      | Olsson             | 3220-000          | Duct bank O<br>Interferences   | 12/17/2020         | 0           | \$ 1,686.88   |
| 16                      | Olsson             | 3287-000          | Digester 3/4<br>Control Building<br>Roof Replacement   | 2/4/2021           | 0           | \$ 42,780.00  |
| 17                      | Olsson             | 3287-000          | MCC-D1<br>Modifications due<br>to Change in Motor<br>Size                                      | 5/6/2021           | 0           | \$ 34,392.02  |
| 18                      | Olsson             | 3287-000          | Integrator<br>Additional Site<br>Visits  | 5/6/2021           | 0           | \$ 7,571.97   |
| 19                      | Olsson             | 3287-000          | Multi-zone air<br>conditioning unit in<br>the Cogen MCC<br>Room and Office                     | 6/3/2021           | 0           | \$ 29,417.20  |

| <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>  |
|-------------------------|--------------------|-------------------|--|--------------------|-------------|----------------|
| 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   |
| 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) |



| <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>        |
|--|--------------------|-------------------|---|--------------------|-------------|----------------------|
| 32   | Olsson             | 3220-000          | Plant 1 and 2<br>Telescoping Valve<br>Pipe Supports | 12/9/2021          |             | \$ 6,132.27          |
| 33   | Olsson             | 3287-000          | 4" Gas Line<br>Routing<br>Modifications             | 12/9/2021          |             | \$ 18,146.07         |
| 34   | Olsson             | 3287-000          | Gas Mixer Conduit<br>Conflict                       | 12/9/2021          |             | \$ 12,383.89         |
| 1CM Common   | Butier             | 3231-000          | CM Change Order<br>No. 1                            | 7/13/2021          |             | \$ 48,995.00         |
| 1CM Liquids  | Butier             | 3220-000          | CM Change Order<br>No. 1                            | 7/13/2021          |             | \$ 294,125.00        |
| 1CM Solids   | Butier             | 3287-000          | CM Change Order<br>No. 1                            | 7/13/2021          |             | \$ 269,595.00        |
| 1ESDC Common   | Carollo            | 3231-000          | ESDC Change<br>Order No. 1                          | 6/3/2021           |             | \$ 18,210.00         |
| 1ESDC Liquids  | Carollo            | 3220-000          | ESDC Change<br>Order No. 1                          | 6/3/2021           |             | \$ 109,256.00        |
| 1ESDC Solids   | Carollo            | 3287-000          | ESDC Change<br>Order No. 1                          | 6/3/2021           |             | \$ 100,151.00        |
| 1G Common  | Ninyo & Moore      | 3231-000          | Geotechnical<br>Services Change<br>Order No. 1      | 2/3/2022           |             | \$ 5,400.00          |
| 1G Liquids   | Ninyo & Moore      | 3220-000          | Geotechnical<br>Services Change<br>Order No. 1      | 2/3/2022           |             | \$ 12,300.00         |
| 1G Solids  | Ninyo & Moore      | 3287-000          | Geotechnical<br>Services Change<br>Order No. 1      | 2/3/2022           |             | \$ 12,300.00         |
| 2ESDC Common   | Carollo            | 3231-000          | ESDC Change<br>Order No. 2                          | 12/9/2021          |             | \$ 11,075.00         |
| 2ESDC Liquids  | Carollo            | 3220-000          | ESDC Change<br>Order No. 2                          | 12/9/2021          |             | \$ 196,440.00        |
| 2ESDC Solids   | Carollo            | 3287-000          | ESDC Change<br>Order No. 2                          | 12/9/2021          |             | \$ 180,905.00        |
| <b>Within Contingency, to be reviewed by Engineering Committee</b> |                    |                   |   |                    |             | <b>\$ 160,654.87</b> |
| 35   | Olsson             | 3220-000          | P1 Primary Tanks<br>5 and 6 Temporary<br>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             |
| <b>Potential Change</b> |                    |                   |   |                    |             | <b>\$ (1,005,199.00)</b> |
| 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. | (blank)            |             | \$ (1,000.00)            |
| PCO 004                 | Olsson             | 3287-000          | Digester 4 Control Narrative needed   | (blank)            |             | \$ 5,000.00              |
| PCO 005                 | Olsson             | 3287-000          | TWAS Slab Modifications   | (blank)            |             | \$ 50,000.00             |
| PCO 009                 | Olsson             | 3287-000          | PLC East Headworks Integration  | (blank)            |             | \$ 10,000.00             |
| PCO 014                 | Olsson             | 3287-000          | Digester 4 Compressor Supply Line   | (blank)            |             | \$ 18,146.00             |
| PCO 018                 | Olsson             | 3287-000          | Duct bank L Interferences   | (blank)            |             | \$ 10,000.00             |
| PCO 026                 | Olsson             | 3287-000          | Gas Hatch Lids Mating Connection  | (blank)            |             | \$ 7,771.00              |

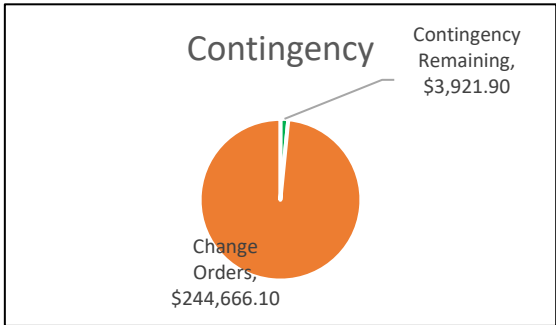
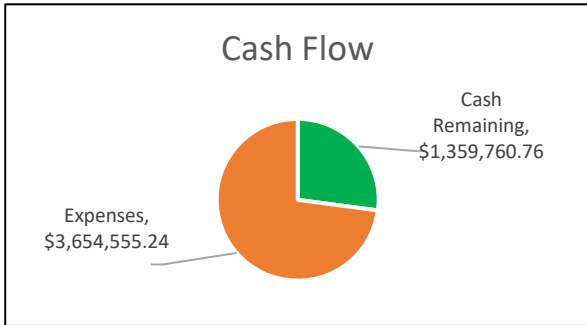
| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>  | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>   |
|-------------------------|--------------------|-------------------|---|--------------------|-------------|-----------------|
| PCO 037                 | Olsson             | 3231-000          | Energy Building Monorail and Other Conflicts                  | 12/10/2020         |             | \$ 10,000.00    |
| PCO 039                 | Olsson             | 3220-000          | Diversion Structure Gate Actuator Power Feed Replacement      | 8/13/2020          |             | \$ 5,000.00     |
| PCO 050                 | Olsson             | 3220-000          | Telescoping Valves Rework                                     | 12/23/2020         |             | \$ 27,884.00    |
| PCO 066                 | Olsson             | 3287-000          | DAFT 1 Repair   | (blank)            |             | \$ 60,000.00    |
| PCO 083                 | Olsson             | 3220-000          | Plant 1 Primary Basins Additional Repairs and Replacement     | (blank)            |             | \$ 126,000.00   |
| PCO 088                 | Olsson             | 3220-000          | Plant 1 Primary Existing Coating Removal                      | (blank)            |             | \$ 36,000.00    |
| PCO 092                 | Olsson             | 3287-000          | Hot Water System Expansion Tank                               | 8/31/2021          |             | \$ 5,000.00     |
| PCO 093                 | Olsson             | 3287-000          | DAFT Light Change   | 8/31/2021          |             | \$ 10,000.00    |
| PCO 094                 | Olsson             | 3287-000          | Additional Red Coloring Agent to Concrete                     | 9/1/2021           |             | \$ 5,000.00     |
| PCO 095                 | Olsson             | 3287-000          | Foul Air Rerouting at DAFT 2                                  | 9/2/2021           |             | \$ 5,000.00     |
| PCO 097                 | Olsson             | 3287-000          | Digester Hot Water Temperature Gauge Setting                  | 9/15/2021          |             | \$ 5,000.00     |
| PCO 998                 | Olsson             | 3220-000          | Effluent Pump Station Descope (A1-A6)                         | (blank)            |             | \$ (800,000.00) |
| PCO 999                 | Olsson             | 3223-000          | Energy Building Modifications Descope (F1-F4, G1-G2, & H1-H2) | (blank)            |             | \$ (600,000.00) |
| Grand Total             |                    |                   |   |                    | 190         | \$ 1,626,725.38 |

**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 28, 2022 |
|-------------------|



**Cash Flow**

|           |                 |
|-----------|-----------------|
| Collected | \$ 5,014,316.00 |
| Expenses  | \$ 3,654,555.24 |

**Project Completion**

|          |      |
|----------|------|
| Schedule | 100% |
| Budget   | 80%  |

**Contracts**

| Company       | PO No. | Original               | Change Orders*         | Total                  | Invoiced               |
|---------------|--------|------------------------|------------------------|------------------------|------------------------|
| Filanc        | 15949  | \$ 3,107,346.00        | \$ (154,228.21)        | \$ 2,953,117.79        | \$ 2,356,331.13        |
| Butier        | 16164  | \$ 226,100.00          | \$ -                   | \$ 226,100.00          | \$ 210,342.50          |
| PSOMAS        | 15961  | \$ 277,368.00          | \$ -                   | \$ 277,368.00          | \$ 170,921.22          |
| Dudek         | 15947  | \$ 387,750.00          | \$ -                   | \$ 387,750.00          | \$ 327,787.11          |
| Ninyo & Moore | 16268  | \$ 65,790.00           | \$ 43,166.00           | \$ 108,956.00          | \$ 108,950.75          |
|               |        | <b>\$ 4,064,354.00</b> | <b>\$ (111,062.21)</b> | <b>\$ 3,953,291.79</b> | <b>\$ 3,174,332.71</b> |

\*Values include change orders to be reviewed by Engineering Committee

**Filanc Contingency**

| Area    | Project Code | Amount               | Change Orders**      | Total Remaining    | Percent Used |
|---------|--------------|----------------------|----------------------|--------------------|--------------|
| Liquids | 3541-000     | \$ 248,588.00        | \$ 244,666.10        | \$ 3,921.90        | 98.4%        |
|         |              | <b>\$ 248,588.00</b> | <b>\$ 244,666.10</b> | <b>\$ 3,921.90</b> | <b>98.4%</b> |

\*\*Values include change orders to be reviewed by Engineering Committee. Does not include credit or deductive change orders.

**Summary of New Change Orders**

| Change Order No    | CLB                   | EBSD                 | MNWD                  | SCWD                  | Amount                 |
|--------------------|-----------------------|----------------------|-----------------------|-----------------------|------------------------|
| 12                 | \$ -                  | \$ -                 | \$ -                  | \$ -                  | \$ -                   |
| 13                 | \$ 38,752.74          | \$ 3,051.40          | \$ 29,903.69          | \$ 30,513.97          | \$ 102,221.80          |
| 14                 | \$ -                  | \$ -                 | \$ -                  | \$ -                  | \$ -                   |
| 15                 | \$ -                  | \$ -                 | \$ -                  | \$ -                  | \$ -                   |
| 16                 | \$ 4,340.61           | \$ 341.78            | \$ 3,349.45           | \$ 3,417.81           | \$ 11,449.65           |
| 17                 | \$ 1,732.35           | \$ 136.41            | \$ 1,336.78           | \$ 1,364.06           | \$ 4,569.59            |
| 18                 | \$ 5,652.17           | \$ 445.05            | \$ 4,361.52           | \$ 4,450.53           | \$ 14,909.28           |
| 19                 | \$ 602.24             | \$ 47.42             | \$ 464.72             | \$ 474.20             | \$ 1,588.58            |
| 20                 | \$ 505.09             | \$ 39.77             | \$ 389.76             | \$ 397.71             | \$ 1,332.33            |
| 21                 | \$ -                  | \$ -                 | \$ -                  | \$ -                  | \$ -                   |
| 22                 | \$ 2,963.61           | \$ 233.35            | \$ 2,286.88           | \$ 2,333.55           | \$ 7,817.39            |
| 23                 | \$ (151,222.62)       | \$ (11,907.29)       | \$ (116,691.47)       | \$ (119,072.93)       | \$ (398,894.31)        |
| <b>Grand Total</b> | <b>\$ (96,673.80)</b> | <b>\$ (7,612.11)</b> | <b>\$ (74,598.68)</b> | <b>\$ (76,121.10)</b> | <b>\$ (255,005.69)</b> |

**Change Orders**

| Change Order No.                      | Vendor Name | Project ID | Description   | Status Date | Days     | Amount               |
|---------------------------------------|-------------|------------|---|-------------|----------|----------------------|
| <b>Approved by Board of Directors</b> |             |            |   |             | <b>9</b> | <b>\$ 100,777.48</b> |
| 1                                     | Filanc      | 3541-000   | Alternative Fiber Optic Conduit Installation at Jack and Bore | 6/3/2021    | 0        | \$ 5,689.53          |
| 2                                     | Filanc      | 3541-000   | HDPE Pipe Price Adjustment                                    | 9/2/2021    | 0        | \$ 15,615.19         |
| 3                                     | Filanc      | 3541-000   | Existing 6-Inch Sludge Line Fix for Pressure Test             | 9/2/2021    | 0        | \$ 6,666.27          |
| 4                                     | Filanc      | 3541-000   | 18-Inch VCP Sewer Line Conflicts                              | 9/2/2021    | 0        | \$ 2,367.81          |
| 5                                     | Filanc      | 3541-000   | Lost Production with Equipment Movement                       | 2/3/2022    | 2        | \$ 19,000.00         |

| <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>          |
|--|--------------------|-------------------|---|--------------------|-------------|------------------------|
| 6  | Filanc             | 3541-000          | Abandoned 4" PVC Water Line Interference      | 2/3/2022           | 1           | \$ 4,833.91            |
| 7  | Filanc             | 3541-000          | 18-Inch VCP Sewer Line Conflict at Sta. 96+55 | 2/3/2022           | 1           | \$ 6,198.46            |
| 8  | Filanc             | 3541-000          | Encasement at Sta. 88+90 to 89+90             | 2/3/2022           | 0           | \$ 3,515.83            |
| 9  | Filanc             | 3541-000          | Concrete Demo and Potholing                   | 2/3/2022           | 1           | \$ 3,525.37            |
| 10   | Filanc             | 3541-000          | Abandoned 12" PVC Interference                | 2/3/2022           | 1           | \$ 5,461.87            |
| 11   | Filanc             | 3541-000          | ACWHEP Unknown Buried Concrete                | 2/3/2022           | 3           | \$ 27,903.24           |
| <b>Within Contingency, to be reviewed by Engineering Committee</b> |                    |                   |   |                    | <b>36</b>   | <b>\$ (255,005.69)</b> |
| 12   | Filanc             | 3541-000          | Old Sludge Force Main Emergency Repair        | 3/10/2022          | 5           | \$ -                   |
| 13   | Filanc             | 3541-000          | Jack and Bore Conflict                        | 3/10/2022          | 4           | \$ 102,221.80          |
| 14   | Filanc             | 3541-000          | Nesting Bird Restrictions                     | 3/10/2022          | 5           | \$ -                   |
| 15   | Filanc             | 3541-000          | COVID Time Impacts                            | 3/10/2022          | 5           | \$ -                   |
| 16   | Filanc             | 3541-000          | Piping Interference at RTP Connection         | 3/10/2022          | 3           | \$ 11,449.65           |
| 17   | Filanc             | 3541-000          | Additional Field Survey                       | 3/10/2022          | 0           | \$ 4,569.59            |

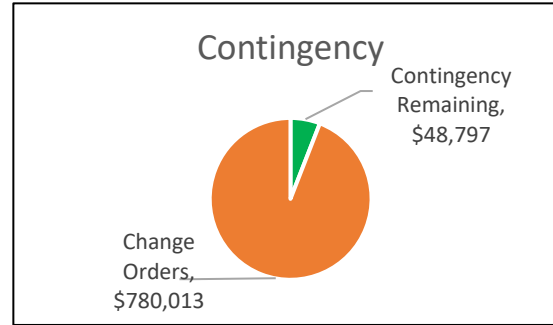
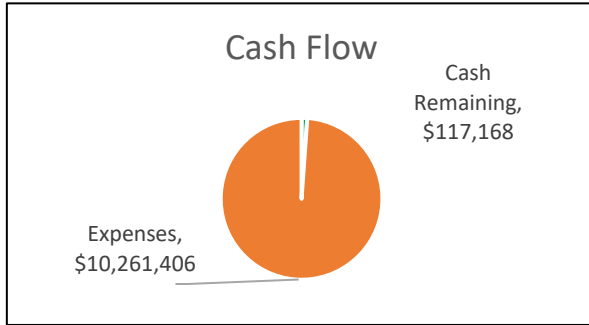
| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                   | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>         |
|-------------------------|--------------------|-------------------|--------------------------------------|--------------------|-------------|-----------------------|
| 18                      | Filanc             | 3541-000          | Concrete Removal                     | 3/10/2022          | 2           | \$ 14,909.28          |
| 19                      | Filanc             | 3541-000          | Removing Chlorine Lines at RTP       | 3/10/2022          | 0           | \$ 1,588.58           |
| 20                      | Filanc             | 3541-000          | Sign Revisions                       | 3/10/2022          | 0           | \$ 1,332.33           |
| 21                      | Filanc             | 3541-000          | Weather Delay                        | 3/10/2022          | 11          | \$ -                  |
| 22                      | Filanc             | 3541-000          | Additional Moisture Conditioning     | 3/10/2022          | 1           | \$ 7,817.39           |
| 23                      | Filanc             | 3541-000          | Credit for Unused Bid Items          | 3/10/2022          | 0           | \$ (398,894.31)       |
| <b>Potential Change</b> |                    |                   |                                      |                    | <b>9</b>    | <b>\$ 93,000.00</b>   |
| PCO 019                 | Filanc             | 3541-000          | CTP and RTP Connection Modifications | (blank)            | 9           | \$ 80,000.00          |
| PCO 025                 | Filanc             | 3541-000          | Slope Repairs                        | (blank)            |             | \$ 25,000.00          |
| PCO 031                 | Filanc             | 3541-000          | Revegetation Credit                  | (blank)            |             | \$ (12,000.00)        |
| <b>Grand Total</b>      |                    |                   |                                      |                    | <b>54</b>   | <b>\$ (61,228.21)</b> |

**Project Financial Status**

|                     |  |
|---------------------|--|
| 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 |

**Data Last Updated**

February 28, 2022



**Cash Flow**

|           |                  |
|-----------|------------------|
| Collected | \$ 10,378,574.00 |
| Expenses  | \$ 10,261,405.88 |

**Project Completion**

|          |      |
|----------|------|
| Schedule | 100% |
| Budget   | 98%  |

**Contracts**

| Company        | PO No. | Original                | Change Orders          | Total                   | Invoiced               |
|----------------|--------|-------------------------|------------------------|-------------------------|------------------------|
| PCL            | 13751  | \$ 9,209,000.00         | \$ (428,978.06)        | \$ 8,780,021.94         | \$ 8,780,021.00        |
| Butier         | 13647  | \$ 812,288.00           | \$ -                   | \$ 812,288.00           | \$ 812,228.00          |
| Hazen & Sawyer | 13648  | \$ 490,484.00           | \$ -                   | \$ 490,484.00           | \$ 296,592.00          |
|                |        | <b>\$ 10,511,772.00</b> | <b>\$ (428,978.06)</b> | <b>\$ 10,082,793.94</b> | <b>\$ 9,888,841.00</b> |

**Contingency**

| Area    | Project Code | Amount               | Change Orders        | Total Remaining     | Percent Used |
|---------|--------------|----------------------|----------------------|---------------------|--------------|
| Liquids | 3539-000     | \$ 828,810.00        | \$ 780,012.94        | \$ 48,797.06        | 94.1%        |
|         |              | <b>\$ 828,810.00</b> | <b>\$ 780,012.94</b> | <b>\$ 48,797.06</b> | <b>94.1%</b> |



**Change Orders**

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                                    | <u>Status</u>                  | <u>Status Date</u> | <u>Days</u> | <u>Amount</u> |
|-------------------------|--------------------|-------------------|---|--------------------------------|--------------------|-------------|---------------|
| 1                       | PCL                | 3539-000          | Additional Potholing                                  | Approved by Board of Directors | 8/6/2020           | 0           | \$ 22,936.00  |
| 2                       | PCL                | 3539-000          | Gas Line Replacement                                  | Approved by Board of Directors | 8/6/2020           | 0           | \$ 41,006.00  |
| 3                       | PCL                | 3539-000          | Main Switchgear Building Underground Conflicts        | Approved by Board of Directors | 8/6/2020           | 0           | \$ 8,683.00   |
| 4                       | PCL                | 3539-000          | Mud Valve Bolt Removal                                | Approved by Board of Directors | 8/6/2020           | 0           | \$ 6,577.00   |
| 5                       | PCL                | 3539-000          | Additional Anchor Bolt Removal                        | Approved by Board of Directors | 8/6/2020           | 0           | \$ 15,271.00  |
| 6                       | PCL                | 3539-000          | Slide Gate Concrete Repair                            | Approved by Board of Directors | 8/6/2020           | 0           | \$ 3,396.00   |
| 7                       | PCL                | 3539-000          | Sludge Collector Wear Strips                          | Approved by Board of Directors | 8/6/2020           | 0           | \$ 5,304.00   |
| 8                       | PCL                | 3539-000          | SCE Transformer Slab Box                              | Approved by Board of Directors | 9/3/2020           | 0           | \$ 4,378.00   |
| 9                       | PCL                | 3539-000          | Duct Bank 5 Buried Utility Conflicts                  | Approved by Board of Directors | 10/1/2020          | 0           | \$ 32,224.00  |
| 10                      | PCL                | 3539-000          | Telescoping Valve Modifications                       | Approved by Board of Directors | 10/1/2020          | 0           | \$ 36,067.00  |
| 11                      | PCL                | 3539-000          | Secondary Effluent Channel Improvements               | Approved by Board of Directors | 12/17/2020         | 0           | \$ 5,153.00   |
| 12                      | PCL                | 3539-000          | Portable Generator Tap Enclosures in Buildings 2 & 15 | Approved by Board of Directors | 12/10/2020         | 0           | \$ 18,356.00  |

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                              | <u>Status</u>                  | <u>Status Date</u> | <u>Days</u> | <u>Amount</u> |
|-------------------------|--------------------|-------------------|---|--------------------------------|--------------------|-------------|---------------|
| 13                      | PCL                | 3539-000          | Conduit, wiring, and mounting of LL1 fixtures   | Approved by Board of Directors | 12/10/2020         | 0           | \$ 5,001.00   |
| 14                      | PCL                | 3539-000          | MCC Feeder Credit                               | Approved by Board of Directors | 2/4/2021           | 0           | \$ (8,803.00) |
| 15                      | PCL                | 3539-000          | Switchgear Building Concrete Repair             | Approved by Board of Directors | 3/11/2021          | 0           | \$ 40,144.00  |
| 16                      | PCL                | 3539-000          | Sludge Collector Mounting Plate Replacement     | Approved by Board of Directors | 3/11/2021          | 0           | \$ 10,623.00  |
| 17                      | PCL                | 3539-000          | Basin Leaking Crack Repair in East Secondaries  | Approved by Board of Directors | 3/11/2021          | 0           | \$ 1,863.00   |
| 18                      | PCL                | 3539-000          | Additional Spall Repair - Grit Channels         | Approved by Board of Directors | 3/11/2021          | 0           | \$ 26,405.00  |
| 19                      | PCL                | 3539-000          | Mixed Liquor Channel Remobilization             | Approved by Board of Directors | 3/11/2021          | 0           | \$ 5,323.00   |
| 20                      | PCL                | 3539-000          | Building 10 Roof Repairs                        | Approved by Board of Directors | 3/11/2021          | 0           | \$ 2,245.00   |
| 21                      | PCL                | 3539-000          | Building 8 Gas Line Rerouting                   | Approved by Board of Directors | 3/11/2021          | 0           | \$ 717.00     |
| 22                      | PCL                | 3539-000          | Additional Spall Repair - East Secondary Basins | Approved by Board of Directors | 6/3/2021           | 0           | \$ 9,722.00   |
| 23                      | PCL                | 3539-000          | Grit Chamber Conflicts                          | Approved by Board of Directors | 6/3/2021           | 0           | \$ 3,888.00   |
| 24                      | PCL                | 3539-000          | 1/2" Ferric Line Conflicts                      | Approved by Board of Directors | 6/3/2021           | 0           | \$ 784.00     |

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>  | <u>Status</u>                  | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>     |
|-------------------------|--------------------|-------------------|---|--------------------------------|--------------------|-------------|-------------------|
| 25                      | PCL                | 3539-000          | Helical Skimmer Wiring  | Approved by Board of Directors | 8/5/2021           | 0           | \$ 1,072.00       |
| 26                      | PCL                | 3539-000          | MCC 15 Unmarked Wire Chasing  | Approved by Board of Directors | 8/5/2021           | 0           | \$ 6,138.00       |
| 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           | \$ (1,200,188.00) |
| 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           | \$ 2,638.00       |
| 30                      | PCL                | 3539-000          | West Telescoping Valve Improvements   | Approved by Board of Directors | 10/14/2021         | 0           | \$ 12,168.00      |
| 31                      | PCL                | 3539-000          | RAS Box Leaks   | Approved by Board of Directors | 10/14/2021         | 0           | \$ 1,907.00       |
| 32                      | PCL                | 3539-000          | West Grit Channel Unforeseen Conflicts  | Approved by Board of Directors | 10/14/2021         | 0           | \$ 10,294.00      |
| 33                      | PCL                | 3539-000          | Extra Work in Generator Building  | Approved by Board of Directors | 10/14/2021         | 0           | \$ 3,714.00       |

| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                              | <u>Status</u>                  | <u>Status Date</u> | <u>Days</u> | <u>Amount</u> |
|-------------------------|--------------------|-------------------|---|--------------------------------|--------------------|-------------|---------------|
| 34                      | PCL                | 3539-000          | Power for Bldg 15 HVAC                          | Approved by Board of Directors | 10/14/2021         | 0           | \$ 2,301.00   |
| 35                      | PCL                | 3539-000          | Additional Ferric Area Work                     | Approved by Board of Directors | 10/14/2021         | 0           | \$ 1,094.00   |
| 36                      | PCL                | 3539-000          | Ferric Tank LIT                                 | Approved by Board of Directors | 10/14/2021         | 0           | \$ 2,547.00   |
| 37                      | PCL                | 3539-000          | PLC-TC1 Upgrades                                | Approved by Board of Directors | 10/14/2021         | 0           | \$ 9,699.00   |
| 38                      | PCL                | 3539-000          | Aeration Channel Conflicts                      | Approved by Board of Directors | 10/14/2021         | 0           | \$ 10,314.00  |
| 39                      | PCL                | 3539-000          | Telescoping Valve Stand Modifications           | Approved by Board of Directors | 11/15/2021         | 0           | \$ 2,817.00   |
| 40                      | PCL                | 3539-000          | Wiring for West Secondary Basins                | Approved by Board of Directors | 11/15/2021         | 0           | \$ 2,962.00   |
| 41                      | PCL                | 3539-000          | Ferric Containment Foundation                   | Approved by Board of Directors | 11/15/2021         | 0           | \$ 53,876.00  |
| 42                      | PCL                | 3539-000          | West Secondary Effluent Channel Concrete Repair | Approved by Board of Directors | 11/15/2021         | 0           | \$ 26,000.00  |
| 43                      | PCL                | 3539-000          | Headworks bypass                                | Approved by Board of Directors | 11/15/2021         | 0           | \$ 11,371.00  |
| 44                      | PCL                | 3539-000          | SCE XFMR Slab Box                               | Approved by Board of Directors | 11/15/2021         | 0           | \$ 18,029.00  |
| 45                      | PCL                | 3539-000          | Comprehensive Project Time Extension            | Approved by Board of Directors | 11/15/2021         | 77          | \$ 100,000.00 |

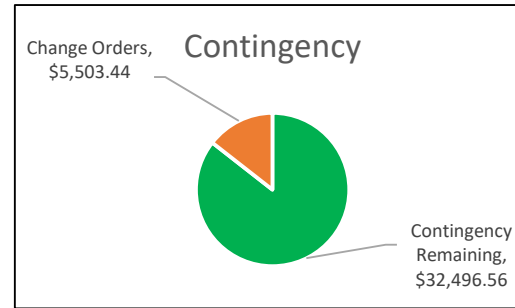
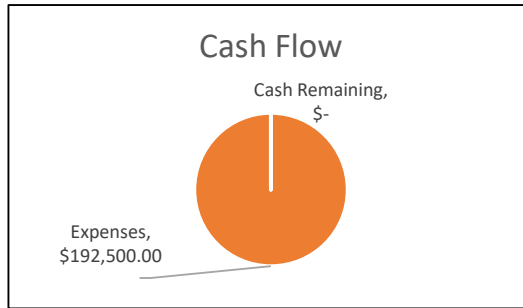
| <u>Change Order No.</u> | <u>Vendor Name</u> | <u>Project ID</u> | <u>Description</u>                               | <u>Status</u>                     | <u>Status Date</u> | <u>Days</u> | <u>Amount</u>   |
|-------------------------|--------------------|-------------------|--|-----------------------------------|--------------------|-------------|-----------------|
| 46                      | PCL                | 3539-000          | BEI Estimate<br>addition to<br>Unilateral CO #27 | Approved by Board<br>of Directors | 11/15/2021         | 0           | \$ 195,005.94   |
| Grand Total             |                    |                   |  |                                   |                    | 98          | \$ (428,978.06) |

**Project Financial Status**

|                     |   |
|---------------------|---|
| Project Committee   | 2   |
| Project Name        | Digester Nos. 1 and 2 Manway Access Improvements  |
| Project Description | This project will increase the manways from 2 ft by 3 ft to 3 ft by 4 ft to accommodate the OSHA requirements for safe cleaning operations. |

**Data Last Updated**

February 28, 2022



**Cash Flow**

|           |               |
|-----------|---------------|
| Collected | \$ -          |
| Expenses  | \$ 192,500.00 |

**Project Completion**

|          |     |
|----------|-----|
| Schedule | 50% |
| Budget   | 50% |

**Contracts**

| Company        | PO No. | Original             | Change Orders*     | Total                | Invoiced             |
|----------------|--------|----------------------|--------------------|----------------------|----------------------|
| S&S Mechanical | 17227  | \$ 212,290.00        | \$ 5,503.44        | \$ 217,793.44        | \$ 74,290.00         |
| Enron Steel    | 17041  | \$ 79,272.32         | \$ -               | \$ 79,272.32         | \$ 79,272.32         |
| G&F            | 16990  | \$ 46,000.00         | \$ -               | \$ 46,000.00         | \$ 23,000.00         |
| Murphy Coating | 17450  | \$ 9,017.00          | \$ -               | \$ 9,017.00          | \$ 9,017.00          |
|                |        | <b>\$ 346,579.32</b> | <b>\$ 5,503.44</b> | <b>\$ 352,082.76</b> | <b>\$ 185,579.32</b> |

*\*Values include change orders to be reviewed by Engineering Committee*

**Contingency**

| Area   | Project Code | Amount              | Change Orders*     | Total Remaining     | Percent Used |
|--------|--------------|---------------------|--------------------|---------------------|--------------|
| Solids | 222-023      | \$ 38,000.00        | \$ 5,503.44        | \$ 32,496.56        | 14.5%        |
|        |              | <b>\$ 38,000.00</b> | <b>\$ 5,503.44</b> | <b>\$ 32,496.56</b> | <b>14.5%</b> |

*\*Values include change orders to be reviewed by Engineering Committee*

**Change Orders**

| Change Order No.   | Vendor Name    | Project ID | Description   | Status Date | Days     | Amount             |
|--|----------------|------------|---|-------------|----------|--------------------|
| <b>Approved by Board of Directors</b>                              |                |            |   |             | <b>0</b> | <b>\$ -</b>        |
| <b>Within Contingency, to be reviewed by Engineering Committee</b> |                |            |   |             | <b>0</b> | <b>\$ 5,503.44</b> |
| 1  | S&S Mechanical | 2222-023   | Additional 316 sst and epoxy dowels and rebar couplings | 2/3/2022    | 0        | \$ 5,503.44        |

# Agenda Item

6

**Engineering Committee Meeting**

**Meeting Date:** March 10, 2022

**TO:** Engineering Committee

**FROM:** Jim Burror, Director of Operations and David Baranowski, Senior Engineer

**SUBJECT:** Aliso Creek Environmental Restoration and Mitigation Update  
[Project Committee 15]

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## Overview

Verbal update.

**Recommended Action:** Information Only.

# Agenda Item

# 7

**Engineering Committee Meeting**

**Meeting Date:** March 10, 2022

**TO:** Engineering Committee

**FROM:** Roni Young, Associate Engineer

**SUBJECT:** J.B. Latham Treatment Plant Package B Solids Contingency  
[Project Committee 2]

## Overview

Over the past few Engineering Committee meetings, we have updated the Committee on the progress of the J.B. Latham Package B Project (Project), as well as some of the challenges encountered on the Project. As reported in the most recent Capital Improvement Construction Report and in Table 1 below, the Solids portion of the Project is nearly out of contingency. To prevent delays, we are requesting the approval of additional contingency for the Solids portion of the Project.

Table 1 – Package B Contingency

| Area    | Project Code | Contingency Amount | Change Orders            | Remaining Contingency | Percent Used |
|---------|--------------|--------------------|--------------------------|-----------------------|--------------|
| Liquids | 3220-000     | \$916,800          | \$902,120 <sup>1</sup>   | \$14,680              | 98.4%        |
| Common  | 3231-000     | \$96,800           | \$83,680                 | \$13,120              | 86.4%        |
| Solids  | 3287-000     | \$1,657,400        | \$1,646,125 <sup>2</sup> | \$11,275              | 99.3%        |
| Total   |              | \$2,671,000        | \$2,631,925              | \$39,075              | 98.5%        |

<sup>1</sup> Includes Change Orders 35 through 39 as presented in the CIP Report.

<sup>2</sup> Includes Change Orders 40 and 41 as presented in the CIP Report.

We currently have an estimated \$198,692 in potential change orders for the Solids portion of the Project as shown in Table 2.

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Table 2 – Potential Change Orders for Package B Solids

| PCO Number | Project ID | Description                                      | Status           | Amount    |
|------------|------------|--|------------------|-----------|
| PCO 005    | 3287-000   | TWAS Slab Modifications                          | Potential Change | \$50,000  |
| PCO 009    | 3287-000   | PLC East Headworks Integration                   | Potential Change | \$10,000  |
| PCO 014    | 3287-000   | Digester 4 Compressor Supply Line                | Potential Change | \$18,146  |
| PCO 026    | 3287-000   | Gas Hatch Lids Mating Connection                 | Potential Change | \$7,771   |
| PCO 065    | 3287-000   | Digester ½ Heat Exchanger Layout Reconfiguration | Potential Change | \$10,000  |
| PCO 066    | 3287-000   | DAFT 1 Repair                                    | Potential Change | \$65,000  |
| PCO 069    | 3287-000   | Digester 3 Heat Exchanger Hot Water Loop Tie-In  | Potential Change | \$2,755   |
| PCO 092    | 3287-000   | Hot Water System Expansion Tank                  | Potential Change | \$5,000   |
| PCO 093    | 3287-000   | DAFT Light Change                                | Potential Change | \$10,000  |
| PCO 094    | 3287-000   | Additional Red Coloring Agent to Concrete        | Potential Change | \$5,000   |
| PCO 095    | 3287-000   | Foul Air Rerouting at DAFT 2                     | Potential Change | \$5,000   |
| PCO 097    | 3287-000   | Digester Hot Water Temperature Gauge Setting     | Potential Change | \$5,000   |
| PCO 110    | 3287-000   | DAFT 2 Launder Support Detail                    | Potential Change | \$5,000   |
| Total      |            |  |                  | \$198,692 |

Concrete and metal conditions are worse than anticipated during the rehabilitation process. Two major potential change orders examples are the TWAS Slab Modifications (PCO 005) and the DAFT 1 Repair (PCO 66).

*TWAS Slab Modification:*

The original concrete slab on grade for the TWAS Pump Station per the design could not be achieved on the existing grade. The existing grade elevations varied up to three feet. In addition, there were multiple layers of existing concrete slabs that were in the way. Therefore, the design was revised to include a retaining wall, structural fill, and relocating the drain to match the elevation of the existing pad. Additional guardrail along the northeast side of the pad was also required for safety. Olsson was directed to include the modification not to exceed the amount of \$50,000. SOCWA is waiting for a final cost from Olsson on this modification.

Existing TWAS Pump Station



New TWAS Pump Station



*DAFT 1 Repair:*

The J.B. Latham Treatment Plant has two DAFTs and both are included in Package B for refurbishment. During the inspection blasting, the metal was found to be in much worse condition than expected. After exploring several options, SOCWA proceeded with re-skinning the interior of the tanks. The DAFT 2 repair is near completion, and we are proceeding with similar repair method on DAFT 1.

DAFT 2 Internal Corrosion



DAFT 2 Repair



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### Fiscal Impact

As stated above, the current estimate for potential change orders is \$198,692 for the Solids portion of the Project, but there is only \$11,275 remaining in the contingency. Due to the poor condition of concrete and metal being discovered when coatings are removed, it is reasonable to anticipate additional change orders. We are therefore requesting an additional \$200,000 of contingency for the J.B. Latham Package B Solids (3287-000), bringing the Solids contingency to \$1,857,400, and the total project contingency to \$2,571,000 (14.8% of the original construction contract of \$17,325,000). Change Orders against the contingency will be presented to the Engineering Committee and the Board for approval. The additional contingency will allow us to continue to direct work to be completed without causing delay to construction.

Table 3 – Agency Allocation for the Requested Contingency

| Member Agency | 3287-000 Facility Improvements B - DAFT and Ancillary Solids |
|---------------|--|
| CSJC          | \$60,000   |
| MNWD          | \$43,240   |
| SCWD          | \$40,000   |
| SMWD          | \$56,760   |
| Total         | \$200,000  |

The approved Fiscal Year 2021/22 Capital Improvement Program Budget currently has \$4,085,000 for the Project under Line Item 3287-000. The requested increase in contingency would also increase the Project Budget Line Item 3287-000 by \$200,000 to \$4,285,000.

As a reminder, we are also working through descoping several items that will reduce the construction contract amount for the Liquids and Common portions of the Project. Butier Engineering is continuing to work through the descoping with the Contractor.

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC-2 Board of Directors to approve the addition of \$200,000 of contingency to the J.B. Latham Package B Solids Project (3287-000) for a total Solids contingency of \$1,857,400.

# Agenda Item

8

**Engineering Committee Meeting**

**Meeting Date:** March 10, 2022

**TO:** Engineering Committee

**FROM:** Jim Burror, Director of Operations,  
David Baranowski and Roni Young, Engineering Dept. Staff

**SUBJECT:** SOCWA Draft Capital Improvement Project Budget FY22-23

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## Overview

Attached are updated tables that lay out the proposed CIP budget. The costs provided here include all costs (large capital, small capital, non-capital, non-capital miscellaneous, and administration). The draft budget presentation includes the planned project spending and the estimated member agency cash requests. The draft budget materials also incorporate an update of the 2019 TYCIP program.

Grant refunds from PC2 and PC17 are not included and will be refunded at the end of each year minus expenses to administer the grants.

The attachments to this report include:

- 1) Powerpoint slides for the March 10, 2022 Engineering Committee Meeting
- 2) Project Committee CIP Updates, including the following by Project Committee:
  - i. Project level descriptions for each project to be active in FY22-23
  - ii. PC Budget Table by Project Line Item
  - iii. PC Planned Cash Request Table by Project Line Item
  - iv. Planned Cash Request for FY22/23 by Member Agency by Project Line Item
  - v. Updated CIP Planned Cash Request by Member Agency
- 3) 5-year CIP summary by PC
- 4) 5-year CIP summary by member agency

The excel file with additional summaries and detail will be sent under separate cover.

**Recommended Action:** Information Item



# SOCWA Proposed CIP Budget

March 10, 2022

Engineering Committee

# FY21-22 Summary/Recap

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- Budget \$27,913,920
- Estimated expenses \$11,866,369 by 6/30/22.
- Member Agency Requested Delays \$7.1M
  - AWT#2 at RTP
  - Aeration system reevaluation at CTP
  - Aeration system at RTP
  - Trail Bridge reevaluation for PC21
- Substantially Completed
  - CTP Facility Improvement Project (FIP)
  - CTP Export Sludge Forcemain
  - SJCOO Junctions Structure
  - RTP Misc. Project
  - Numerous evaluations

# FY22-23 Summary

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| <b>FY22-23 Budget</b> | <b>Current Project Phase</b>   |
|-----------------------|--------------------------------|
| \$9,023,280           | In construction/implementation |
| \$7,660,807           | In design                      |
| \$5,232,239           | Planned FY22-23 start          |
| \$2,061,000           | Planned small capital          |
| \$11,000              | Cogen SGIP Admin               |
| \$23,988,325          | Total FY22-23 Budget           |

# Key Updates

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- Program was updated for ongoing actual/expected construction schedules and restrictions.
- Data includes FY21-22 Q1 to Q4 billings.
- Program scheduling updated to reduce business risk.
- Included an updated of the Ten-Year CIP 2019 program (FY22-23 thru FY33-34)
- Projected spending and project cashflows are presented for individual projects.
- Caveat: Pandemic and supply chain related risks remain for CIP implementation.



# Current FY22-23 Versus FY22-23 Planned in FY21-22

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|        | FY22-23 Budget From FY21-22 Budget Book | Proposed FY22-23 Budget | Delta from Budget for FY22-23 |
|--------|---|-------------------------|-------------------------------|
| Budget | \$27,192,592                            | \$23,988,325            | (\$3,204,267)                 |

|                      | FY22-23 Budget From FY21-22 | Proposed FY22-23 Budget | Delta from Planned Cash Request for FY22-23 |
|----------------------|-----------------------------|-------------------------|---|
| Planned Cash Request | \$27,192,592                | \$19,609,596            | (\$7,582,996)                               |

| Member Agency | Proposed FY22-23 Cash Request | FY21-22 Cash Request for FY22-23 | Delta         |
|---------------|-------------------------------|----------------------------------|---------------|
| CLB           | \$2,050,488                   | \$3,790,828                      | (\$1,740,340) |
| CSC           | \$40,534                      | \$30,148                         | \$10,386      |
| CSJC          | \$1,714,503                   | \$1,957,350                      | (\$242,847)   |
| ETWD          | \$517,504                     | \$920,375                        | (\$402,871)   |
| EBSD          | \$159,156                     | \$293,257                        | (\$134,101)   |
| IRWD          | \$354,247                     | \$584,544                        | (\$230,297)   |
| MNWD          | \$10,421,507                  | \$13,291,367                     | (\$2,869,860) |
| SMWD          | \$1,238,937                   | \$1,484,574                      | (\$245,637)   |
| SCWD          | \$3,112,720                   | \$4,840,149                      | (\$1,727,429) |
| Total         | \$19,609,596                  | \$27,192,592                     | (\$7,582,996) |

# FY22-23 Variability

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- Bidding environment and inflation increasing costs
- Member agency delays
- Permitting/licensing
- Long term export sludge mitigation costs to be contracted in FY22-23
- Others....

# Planned CIP Resource Utilization

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- Up to 2 construction projects at each treatment plant (limited overlap of area usage)
- Engineering staff (2/3)
  - 1 to 2 projects in construction
  - 3 projects currently in design
  - 2 to 3 projects to be started in FY22-23
  - 6 to 8 total of actively manage projects by each employee
- Steamline procurement

# Ten-Year CIP Update Summary

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- Updated Ten-Year CIP to better account for small capital program impacts
- Adjusted project schedules based on site constraints or permitting timelines
- Consolidated project elements into proposed projects with similar construction activities (rescheduled and needed)
- Consolidated projects to optimize limited staffing
- Included project element risk information

# Ten Year CIP Update Summary

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- Excel spreadsheet provided to member agencies for review of the program
- Pdf's of key sheets in Engineering Committee packets
- Individual meetings to review CIP being setup



# Questions

# ATTACHMENT 2A-1

Project level descriptions for  
each project to be active in  
FY22-23 for PC2 - JBL



# FY22-23 Proposed CIP Projects - JBL Treatment Plant (Project Committee 2)

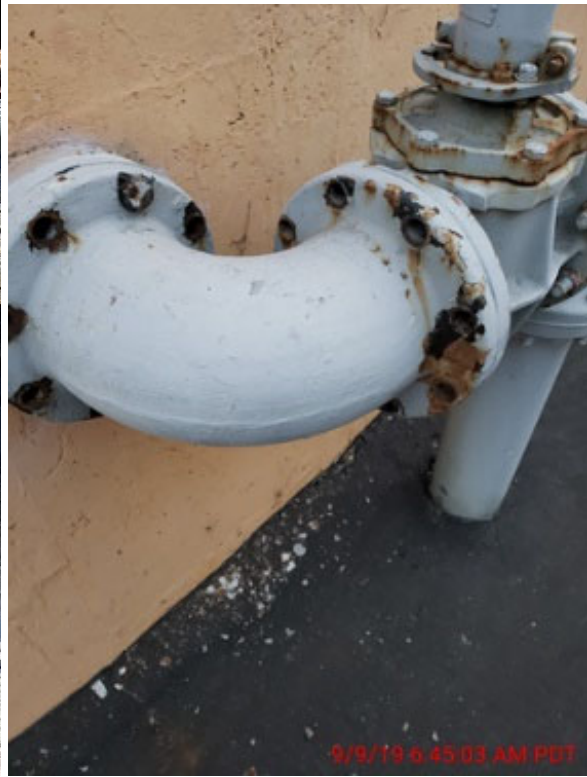
| Project Title | Project#                                     | Current Project Status   | Project Justification(s)               |
|---------------|--|--------------------------|--|
| Package B     | 3220<br>/3231<br>/3287<br>/32211L<br>/32212L | Construction is ongoing. | Corrosion and equipment life exceeded. |

## Project Elements:

- 1) Plant 1 Primary and Secondary, Plant 2 Primary and Secondary Upgrades
- 2) DAF and TWAS System, Digesters Mixing System, Control Building and Heating System Upgrades
- 3) Laboratory Building Demolition and Miscellaneous Concrete Repairs
- 4) Digester 4 Heating System
- 5) Liquids Facility Safety Improvements
- 6) Solids Facility Safety Improvements
- 7) Boiler System Improvements
- 8) Fiber Loop Completion
- 9) MCCs Upgrades
- 10) Digester 4 Rehabilitation

## Project Photo(s):









Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY13-14   | \$0             | \$280,000                   | \$280,000          |
| FY14-15   | \$280,000       | \$0                         | \$280,000          |
| FY15-16   | \$280,000       | \$750,000                   | \$1,030,000        |
| FY16-17   | \$1,030,000     | \$657,419                   | \$1,687,419        |
| FY17-18   | \$1,687,419     | \$1,939,953                 | \$3,627,372        |
| FY18-19   | \$3,627,372     | \$5,826,628                 | \$9,454,000        |
| FY19-20   | \$9,454,000     | \$3,146,575                 | \$12,600,575       |
| FY20-21   | \$12,600,575    | \$9,851,804                 | \$22,452,379       |
| FY21-22   | \$22,452,379    | \$6,065,000                 | \$28,517,379       |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions / (Reductions) | Proposed FY22-23 Project Budget |
|------------------------|-----------------------------|---------------------------------|
| \$28,517,379           | (\$5,079,360)               | \$23,438,019                    |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$19,575,940             | \$3,862,079       | \$0               | \$0               | \$0               | \$0               | \$0                  | \$23,438,019    |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| \$2,987,498                  |

| Agency | FY22-23 Cash Request | FY23-24 Cash Request | FY24-25 Cash Request | FY25-26 Cash Request | FY26-27 Cash Request | Thereafter Cash Request | Total Cash Request |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------------|
| CSJC   | \$269,109            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$269,109          |
| MNWD   | \$201,853            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$201,853          |
| SMWD   | \$151,390            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$151,390          |
| SCWD   | \$252,229            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$252,229          |
| Total  | \$874,581            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$874,581          |

| Project Title                          | Project#           | Current Project Status  | Project Justification(s)  |
|--|--------------------|---|---|
| 2022 Plant 1 Electrical Rehabilitation | 32228L /3215 /3252 | All designs are complete, except for the Plant 1 Generator replacement. | Corrosion, obsolescence, non-compliance, and equipment life exceeded, causing failures. |

Project Elements:

- 1) MCC-M Replacement
- 2) Plant 1 Standby Power Generator Replacement
- 3) MCC-G Replacement
- 4) Effluent PS Electrical Rehabilitation (VFDs)

Element Descriptions and Project Photo(s):

*MCC M Replacement*

Installed in 1988, the electrical gear for the Process Water Pumping Station (MCC-M) is at the end of its useful life. MCC-M is located outdoors and is regularly hosed to remove bird droppings. Thus, the MCC's metal housing and structure elements are severely corroded from regular hosing and salty ocean air.

The electrical housing also does not comply with current electrical codes. This includes a requirement to relocate the electrical gear to a more suitable location, or replace the metal housing with a sealed housing that can be wetted.



*Plant 1 Standby Power Generator Replacement*

The 31-year-old standby generator for Plant 1 is at the end of its useful life and has become costly to maintain, averaging \$5,000 to \$10,000 per year. The equipment can no longer reliably support emergency operations and periodically trips offline during power outages and testing. The generator connected to the diesel engine has deteriorated over time. The generator will need to be rewound to support the inrush current of the equipment connected to the emergency generator. The most cost-effective solution is to replace the equipment. The equipment will also be upgraded from 425 kV to 500 kV to power newly connected emergency equipment being installed under the Package B Project.

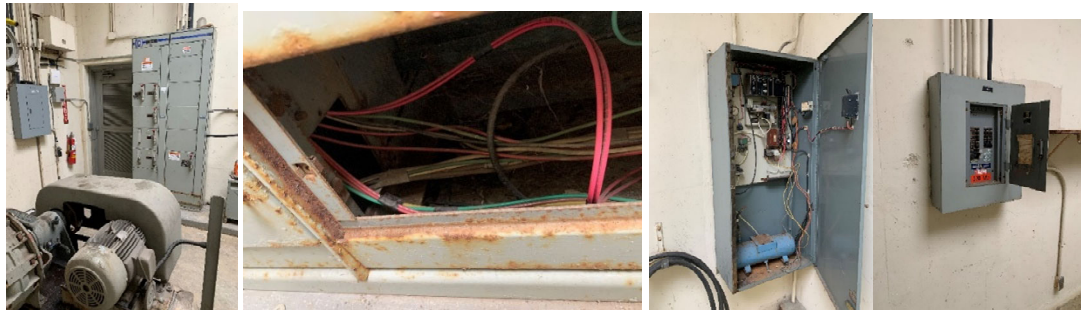




### *MCC-G Replacement*

The 31-year-old Motor Control Center for JBL Scum Pumping System (MCC-G) is at the end of its useful life. MCC-G is located indoors but in an area without atmospheric controls like HVAC. It is also in an area that is regularly wetted because O&M staff clear blockages in the scum handling system with the clearout in the dry pit. Thus, the MCC's metal housing and structure elements are severely corroded from regular hosing and salty ocean air.

The electrical housing also does not comply with current electrical codes. This includes a requirement to relocate the electrical gear to a more suitable location, or replace the metal housing with a sealed housing that can be wetted. There are also two lighting panels that do not comply with current electrical codes. These two panels will be upgraded in the project as well.



Another element of the MCC-G replacement project is to remove abandoned equipment that is electrically connected to one of the lighting panels to be replaced. RAS#1 pump has been inoperable since 1985. After being disconnected from the electrical system, the connecting pipes will be blind-flanged, and all the equipment pictured below will be removed. The 50-amp breaker for the RAS#1 pump will be converted into a "quick connect" for powering temporary and construction equipment as needed in the future.



*Effluent PS Electrical Rehabilitation (VFDs)*

The effluent pumping station VFD's are obsolete and no longer supported by the manufacturer. The project will replace the remaining two (of 4) VFD's. The new MCC-M will be placed in this room, next to the Effluent Pumping Station VFD's. The room has climate control to minimize corrosion of the electrical gear.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes                                 |
|-----------|-----------------|-----------------------------|--------------------|---------------------------------------|
| FY16-17   | \$0             | \$241,614                   | \$241,614          | 3252-000 only                         |
| FY17-18   | \$241,614       | \$0                         | \$241,614          | 3252-000 only                         |
| FY18-19   | \$241,614       | (\$46,614)                  | \$195,000          | 3252-000, 3352-000, and 3350-000 Only |
| FY19-20   | \$195,000       | \$0                         | \$195,000          | 3252-000, 3352-000, and 3350-000 Only |
| FY20-21   | \$195,000       | \$0                         | \$195,000          | 3252-000, 3352-000, and 3350-000 Only |
| FY21-22   | \$195,000       | \$0                         | \$195,000          | 3252-000, 3352-000, and 3350-000 Only |

Proposed Revised Project Budget and Estimated Cashflow:

|                   |                               |                               |
|-------------------|-------------------------------|-------------------------------|
| FY21-22<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Budget |
| \$195,000         | \$1,885,166                   | \$2,080,166                   |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work Plan | FY23-24<br>Work Plan | FY24-25<br>Work Plan | FY25-26<br>Work Plan | FY26-27<br>Work Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------------|
| \$254,712                   | \$1,620,000          | \$332,000            | \$0                  | \$0                  | \$0                  | \$0                     | \$2,080,166        |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$136,957                          |

| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est. Cash<br>Request | FY24-25<br>Est. Cash<br>Request | FY25-26<br>Est. Cash<br>Request | FY26-27<br>Est. Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total Cash<br>Request |
|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|-----------------------|
| CSJC   | \$456,332                       | \$102,156                       | \$0                             | \$0                             | \$0                             | \$0                                | \$558,489             |
| MNWD   | \$342,286                       | \$76,626                        | \$0                             | \$0                             | \$0                             | \$0                                | \$418,912             |
| SMWD   | \$256,715                       | \$57,469                        | \$0                             | \$0                             | \$0                             | \$0                                | \$314,184             |
| SCWD   | \$427,710                       | \$95,749                        | \$0                             | \$0                             | \$0                             | \$0                                | \$523,458             |
| Total  | \$1,483,043                     | \$332,000                       | \$0                             | \$0                             | \$0                             | \$0                                | \$1,815,043           |



| Project Title                                   | Project#                            | Current Project Status   | Project Justification(s)  |
|---|-------------------------------------|--|---|
| 2022 Misc. Gates and Pipe Rehabilitations (L/S) | 3285<br>/32234L<br>/32226L<br>/3253 | All designs are complete, except for the digester area piping, process water piping designs, and staging area. | Corrosion and equipment life exceeded, causing emergency repairs. |

Project Elements:

- 1) Main Plant Drain Line Reconstruction (2018)
- 2) Chlorine Contact Basin Isolation Gates and Structural Rehabilitation
- 3) Effluent PS Storage and Staging Area
- 4) Effluent Pump Station Upgrades (non-electrical)
- 5) Effluent System Valves Replacement (2107)
- 6) Buried Digester and Flare Gasline Replacement
- 7) Scum Line Replacement
- 8) JBL Heat Exchanger #4 pipe replacement (thinning pipe)
- 9) Process Water Repiping (system full of shells)

Element Descriptions and Project Photo(s):

*Main Plant Drain Line Reconstruction*

The drain line that serves Building #40 is blocked by buildup and corrosion. The drain line needs two cleanouts and some upgrades to enable the drain to work properly and allow staff to flush the drain line when it gets clogged. The employee bathrooms in Building #40, serving the Maintenance and Support Services staff at JBL, are unusable during centrifuging of sludge because the toilets will not flush or backup.



*Chlorine Contact Basin Isolation Gates and Structural Rehabilitation*

The two 31-year-old gates in the Chlorine Contact tank have failed. The staff cannot isolate the various wet wells for inspection, maintenance, and repairs.



*Effluent Pumping Station Storage and Staging Area*

The old Effluent Pumping Station was abandoned in 1985. The project will remove the above-ground portions of the concrete walls and fill in the pit. The area will become a storage and staging area for construction contractors. The new area is outside/above the flood zone for the Plant. The current contractor staging area is in the flood zone.





### *Effluent Pump Station Upgrades (non-electrical) and Effluent System Valve Replacements*

The effluent pumping valves and piping installed in 1985 are failing or have failed. These valves were to be replaced under the ongoing Package B Project. However, the valves were removed from the Package B Project due to difficulties with the installation effort and other future work planned for the effluent pumping station area. The Package B Project contractor procured the valves, and they are being stored at JBL in case of an emergency.



### *Buried Digester and Flare Gasline Replacement*

The gas lines date back to the early 1970's. The buried section of the gas lines for the digesters and flare are in poor condition. SOCWA O&M staff have completed four emergency repairs to replace sections that failed in the last two years. The corrosive soil and the digester gas are causing these lines to fail. Below are some sample photos of pipes where they penetrate the surface and there is visible corrosion.



The area where the pipes will be relocated above-ground is shown below.



Here is a sample emergency repair to the digester gas line on the flare. The gas line was rerouted around the cement structure under the emergency flare.





### *Scum Line Replacement*

The existing Scum Line was installed in 1985. The pipe was underwater until 2014 when Aeration Basin #1 was removed from service. The existing line is severely corroded and needs to be replaced.



### *JBL Heat exchanger #4 pipe replacement (thinning pipe)*

The hot water lines for Digester #4 were installed in 1978. A recent assessment of the pipes confirmed that they are thinning and that the corrosive soil is causing this corrosion. The Package B Project was to replace a small portion of the below-ground sections of these pipes. However, it was discovered when the contractor exposed the below-ground pipe that the entire buried piping system would need to be replaced. Thus, it was removed from the Package B Project for this future project. Below are some sample photos of the pipes where they penetrate the surface and there is visible corrosion.



*Process Water Repiping (system full of shells and worms)*

The Process Water lines at JBL are filled with snails and other organic material. Process Water is used instead of potable water to reduce O&M costs. However, the Process Water system has never been chlorinated to control organic growth in the pipes. O&M staff is implementing a project to start chlorinating the Process Water. Thus, the existing process water system needs a number of flushing stations installed. The project will also replace sections of pipe that are blocked to restore the Process Water system. Below is a sample of organic material in the Process Water pipe system.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes                      |
|-----------|-----------------|-----------------------------|--------------------|----------------------------|
| FY16-17   | \$0             | \$144,859                   | \$144,859          | 3253-000 Only              |
| FY17-18   | \$144,859       | \$171,420                   | \$316,279          | 3253-000 and 3285-000 Only |
| FY18-19   | \$316,279       | \$162,721                   | \$479,000          | 3253-000 and 3285-000 Only |
| FY19-20   | \$479,000       | \$0                         | \$479,000          | 3253-000 and 3285-000 Only |
| FY20-21   | \$479,000       | \$223,136                   | \$702,136          | 3253-000 and 3285-000 Only |
| FY21-22   | \$702,136       | \$0                         | \$702,136          | 3253-000 and 3285-000 Only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions / (Reductions) | Proposed FY22-23 Budget |
|----------------|-----------------------------|-------------------------|
| \$702,136      | \$3,275,579                 | \$3,977,715             |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$1,108                  | \$1,071,872       | \$2,904,736       | \$0               | \$0               | \$0               | \$0                  | \$3,977,715     |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$0                                |

| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est. Cash<br>Request | FY24-25<br>Est. Cash<br>Request | FY25-26<br>Est. Cash<br>Request | FY26-27<br>Est. Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total Cash<br>Request |
|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|-----------------------|
| CSJC   | \$328,470                       | \$892,442                       | \$0                             | \$0                             | \$0                             | \$0                                | \$1,220,912           |
| MNWD   | \$244,833                       | \$667,858                       | \$0                             | \$0                             | \$0                             | \$0                                | \$912,691             |
| SMWD   | \$204,911                       | \$522,180                       | \$0                             | \$0                             | \$0                             | \$0                                | \$727,091             |
| SCWD   | \$293,658                       | \$822,256                       | \$0                             | \$0                             | \$0                             | \$0                                | \$1,115,913           |
| Total  | \$1,071,872                     | \$2,904,736                     | \$0                             | \$0                             | \$0                             | \$0                                | \$3,976,607           |

| Project Title                           | Project#             | Current Project Status  | Project Justification(s)   |
|---|----------------------|---|--|
| 2022 Misc. Roof Rehabilitations (L/S/C) | 2337 /32225S-C /3216 | Only the Energy Building design elements are complete. Need 3 more building roof designs. | Steel beam corrosion, existing roof leaks, and some seismic code-required upgrades are required. |

Project Elements:

- 1) Plant 1 Headworks Building #25
- 2) Plant 1 Blower Building #30
- 3) Digester 1 and 2 Building #65
- 4) Administration Building Roof Reconstruction Building #10
- 5) JBL Energy Building Upgrades – Solids/Common
- 6) Hoist System for Maintenance Shop

Element Descriptions and Project Photo(s):

Each roof has been assessed by an engineering consultant or inspected by a licensed roofing contractor. Here are some sample photos of the roofing issues:

Below is a typical roofing issue in the Plant where the structural elements are corroding.



The Administration Building has a thin slate roofing material that has become brittle. The tiles are now breaking where the underlying roofing material has moved with building settlement. Any repair of the Administration Building roof will require a large area of the roof to be replaced. The second photo shows a small area of the Administration Building roof with 7 broken tiles anticipated to leak soon.





The Building #40 seismic upgrades were removed from the Package B Construction Project due to construction issues. It will be repacked with this project.

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes                      |
|-----------|-----------------|-----------------------------|--------------------|----------------------------|
| FY13-14   | \$0             | \$280,000                   | \$280,000          | 3216-000 and 3218-000 Only |
| FY14-15   | \$280,000       | \$0                         | \$280,000          | 3216-000 and 3218-000 Only |
| FY15-16   | \$280,000       | \$0                         | \$280,000          | 3216-000 and 3218-000 Only |
| FY16-17   | \$280,000       | \$6,400                     | \$286,400          | 3216-000 and 3218-000 Only |
| FY17-18   | \$286,400       | \$2,000                     | \$288,400          | 3216-000 and 3218-000 Only |
| FY18-19   | \$288,400       | (\$6,400)                   | \$282,000          | 3216-000 and 3218-000 Only |
| FY19-20   | \$282,000       | \$0                         | \$282,000          | 3216-000 and 3218-000 Only |
| FY20-21   | \$282,000       | \$0                         | \$282,000          | 3216-000 and 3218-000 Only |
| FY21-22   | \$282,000       | \$0                         | \$282,000          | 3216-000 and 3218-000 Only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions / (Reductions) | Proposed FY22-23 Budget |
|----------------|-----------------------------|-------------------------|
| \$282,000      | \$3,232,116                 | \$3,514,116             |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$116                    | \$997,000         | \$2,517,000       | \$0               | \$0               | \$0               | \$0                  | \$3,514,116     |

| Est. Cash Balance on 6/30/22 |
|------------------------------|
| \$0                          |

| Agency | FY22-23 Est. Cash Request | FY23-24 Est. Cash Request | FY24-25 Est. Cash Request | FY25-26 Est. Cash Request | FY26-27 Est. Cash Request | Thereafter Est. Cash Request | Total Cash Request |
|--------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|--------------------|
| CSJC   | \$300,882                 | \$759,757                 | \$0                       | \$0                       | \$0                       | \$0                          | \$1,060,640        |
| MNWD   | \$218,888                 | \$552,987                 | \$0                       | \$0                       | \$0                       | \$0                          | \$771,874          |
| SMWD   | \$257,631                 | \$647,507                 | \$0                       | \$0                       | \$0                       | \$0                          | \$905,138          |
| SCWD   | \$219,599                 | \$556,749                 | \$0                       | \$0                       | \$0                       | \$0                          | \$776,349          |
| Total  | \$997,000                 | \$2,517,000               | \$0                       | \$0                       | \$0                       | \$0                          | \$3,514,000        |

| Project Title | Project# | Current Project Status   | Project Justification(s)   |
|---------------|----------|--|--|
| SCR Blower    | NEED     | Jenbacher/Stueler have identified the blower as the solution to the SCR overheating and warping the SCR box affecting engine runtime and emissions compliance. | The project will help ensure the selective catalytic reducer (SCR) maintains temperatures within permit compliance specifications and increase cogen engine runtime. |

Project Elements:

- 1) Install a blower on the SCR
- 2) Update cogen SCAQMD permits

Element Descriptions and Project Photo(s):

None

Prior year Budgets:

None

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions / (Reductions) | Proposed FY22-23 Budget |
|----------------|-----------------------------|-------------------------|
| \$0            | \$100,000                   | \$100,000               |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$0                      | \$100,000         | \$0               | \$0               | \$0               | \$0               | \$0                  | \$100,000       |

| Est. Cash Balance on 6/30/22 |
|------------------------------|
| \$0                          |

| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est.<br>Cash<br>Request | FY24-25<br>Est.<br>Cash<br>Request | FY25-26<br>Est.<br>Cash<br>Request | FY26-27<br>Est.<br>Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total<br>Cash<br>Request |
|--------|---------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------|
| CSJC   | \$30,000                        | \$0                                | \$0                                | \$0                                | \$0                                | \$0                                | \$30,000                 |
| MNWD   | \$21,620                        | \$0                                | \$0                                | \$0                                | \$0                                | \$0                                | \$21,620                 |
| SMWD   | \$28,380                        | \$0                                | \$0                                | \$0                                | \$0                                | \$0                                | \$28,380                 |
| SCWD   | \$20,000                        | \$0                                | \$0                                | \$0                                | \$0                                | \$0                                | \$20,000                 |
| Total  | \$100,000                       | \$0                                | \$0                                | \$0                                | \$0                                | \$0                                | \$100,000                |

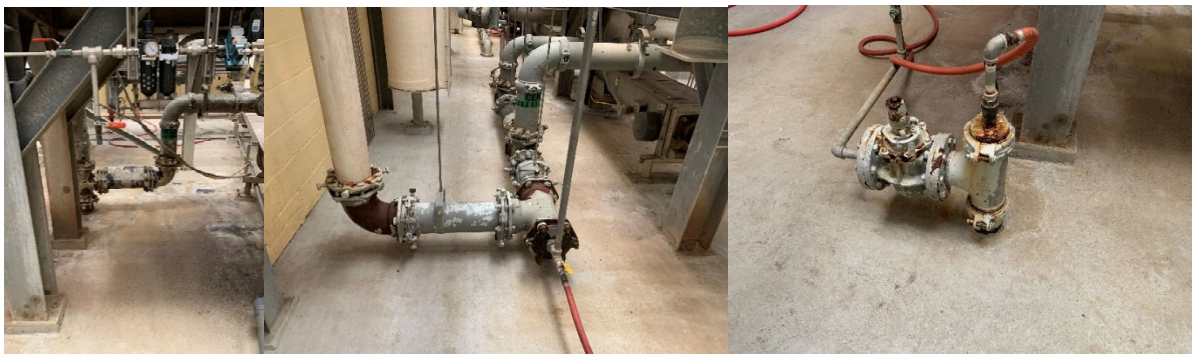
| Project Title                  | Project# | Current Project Status | Project Justification(s)                               |
|--------------------------------|----------|------------------------|--|
| Centrate Piping Reconstruction | 3234-000 | Design complete        | The system is failing due to corrosion and is leaking. |

Project Elements:

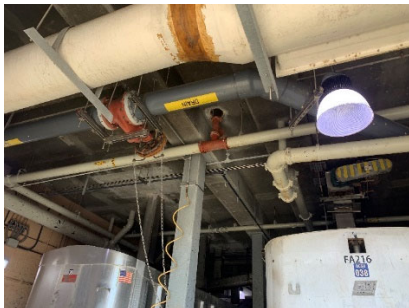
- 1) Replacing failed piping
- 2) Replace damaged and leaking centrate drain boxes

Element Descriptions and Project Photo(s):

Below are pictures of corroded sections of the drain system:



Below is a sample photo of emergency repairs. The red sections of the pipe are the repaired sections.



The damaged drain boxes under the centrifuges are pictured below. The leakage drains onto the ground and into the Biosolids trucks. This creates slipping hazards and increases Biosolids costs.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget | Notes                |
|-----------|-----------------|----------------------------|--------------------|----------------------|
| FY18-19   | \$0             | \$85,000                   | \$85,000           | Centrate Design Only |
| FY19-20   | \$85,000        | \$0                        | \$85,000           | Centrate Design Only |
| FY20-21   | \$85,000        | \$198,794                  | \$283,794          | Centrate Design Only |
| FY21-22   | \$283,794       | \$0                        | \$283,794          | Centrate Design Only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions /(Reductions) | Proposed FY22-23 Budget |
|----------------|----------------------------|-------------------------|
| \$283,794      | \$106,927                  | \$390,721               |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$90,721                 | \$300,000         | \$0               | \$0               | \$0               | \$0               | \$0                  | \$390,721       |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| (\$12,074)                   |

| Agency | FY22-23 Est. Cash Request | FY23-24 Est. Cash Request | FY24-25 Est. Cash Request | FY25-26 Est. Cash Request | FY26-27 Est. Cash Request | Thereafter Est. Cash Request | Total Cash Request |
|--------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|--------------------|
| CSJC   | \$93,622                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$93,622           |
| MNWD   | \$67,470                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$67,470           |
| SMWD   | \$88,567                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$88,567           |
| SCWD   | \$62,415                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$62,415           |
| Total  | \$312,074                 | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$312,074          |

| Project Title                                     | Project# | Current Project Status                                      | Project Justification(s)                                     |
|---|----------|---|--|
| Facility Improvements - Co-Generation Rep. (2016) | 3209-000 | Grant administration has been an ongoing effort since 2019. | This is a follow-up requirement to receive SGIP grant funds. |

Project Elements:

- 1) Monitoring and reporting daily energy production to the Self Generation Incentive Program (SGIP) administrator for SDGE.
- 2) Monitoring and reporting daily digester and natural gas utilization to the SGIP administrator for SDGE
- 3) Providing additional data as requested, including site inspections.

Project Photo(s):



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions<br>/(Reductions) | Approved<br>FY Budget |
|-----------|-----------------|-------------------------------|-----------------------|
| FY15-16   | \$0             | \$6,625,000                   | \$6,625,000           |
| FY16-17   | \$6,625,000     | \$1,142,359                   | \$7,872,298           |
| FY17-18   | \$7,872,298     | \$0                           | \$7,872,298           |
| FY18-19   | \$7,872,298     | \$0                           | \$7,872,298           |
| FY19-20   | \$7,872,298     | \$0                           | \$7,872,298           |
| FY20-21   | \$7,872,298     | \$0                           | \$7,872,298           |
| FY21-22   | \$7,872,298     | \$0                           | \$7,872,298           |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |                                       |
|------------------------------|-------------------------------|---------------------------------------|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project Budget |
| \$7,872,298                  | \$0                           | \$7,872,298                           |

|                             |                         |                         |                         |                         |                         |                         |                    |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
| \$7,857,298                 | \$5,000                 | \$5,000                 | \$5,000                 | \$0                     | \$0                     | \$0                     | \$7,872,298        |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$0                                |

Cash requests from the member agencies will be \$0. Grant funds will be returned to the member agencies minus staff labor and consulting fees to administrate the SGIP grant program at the end of each Fiscal Year.

**ATTACHMENT 2A-2**  
**PC Budget Table by Project**  
**Line Item for PC2 – JBL**



South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 02 J B Latham  | Project ID  | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes |
|------|---|-------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| 1    | Package B   | multi       | L/C/S      | \$23,438,019            | \$19,575,940                          | \$3,862,079      | \$3,862,079    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 2    | 3202-000 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    | \$644,312               | \$565,169                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 3    | 3202-998 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    |                         | \$43,442                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 4    | 3202-999 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    |                         | \$35,701                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 5    | 3253-000 - Effluent System Valves Replacement (2017)                            | 3253        | Liquids    | \$23,523                | \$22,575                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 6    | 3253-998 - Effluent System Valves Replacement (2017)                            | 3253        | Liquids    |                         | \$505                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 7    | 3253-999 - Effluent System Valves Replacement (2017)                            | 3253        | Liquids    |                         | \$442                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 8    | 3254-000 - Additional Package B Liquids Design (2017)                           | 3254        | Liquids    | \$20,744                | \$17,635                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 9    | 3254-998 - Additional Package B Liquids Design (2017)-Salaries                  | 3254        | Liquids    |                         | \$1,737                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 10   | 3254-999 - Additional Package B Liquids Design (2017)-Fringe                    | 3254        | Liquids    |                         | \$1,372                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 11   | 3280-000 - Facility Improvements B - Basin Upgrades (2018)                      | 3280        | Liquids    | \$1,146,238             | \$1,091,949                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 12   | 3280-998 - Facility Improvements B - Basin Upgrades (2018) (Salary)             | 3280        | Liquids    |                         | \$30,939                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 13   | 3280-999 - Facility Improvements B - Basin Upgrades (2018) (Fringe)             | 3280        | Liquids    |                         | \$23,350                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 14   | 3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)       | 3220        | Liquids    | \$8,744,582             | \$7,042,599                           | \$1,504,000      | \$1,504,000    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 15   | 3220-998 - Facility Improvements B - Basin Upgrades Construction I -sal         | 3220        | Liquids    |                         | \$98,345                              | \$35,000         | \$35,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 16   | 3220-999 - Facility Improvements B - Basin Upgrades Construction I -fri         | 3220        | Liquids    |                         | \$51,637                              | \$13,000         | \$13,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 17   | 32211L-000 - Plant 2 Grit Area Rehabilitation                                   | 32211L      | Liquids    | \$90,294                | \$90,294                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 18   | 32212L-000 - Primary Tank Covers Replacements                                   | 32212L      | Liquids    | \$300,000               | \$0                                   | \$300,000        | \$300,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 19   | 3231-000 Facility Improvements B - Common Upgrades Construction                 | 3231        | Common     | \$1,024,813             | \$480,730                             | \$392,434        | \$392,434      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 20   | 3231-998 - Facility Improvements B - Common Upgrades Construction -Sala         | 3231        | Common     |                         | \$74,647                              | \$25,000         | \$25,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 21   | 3231-999 - Facility Improvements B - Common Upgrades Construction -Frin         | 3231        | Common     |                         | \$43,001                              | \$9,000          | \$9,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 22   | 3224-000 - Digester No.4 Rehabilitation (2019)                                  | 3224        | Solids     | \$15,286                | \$0                                   | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 23   | 3224-998 - Digester No.4 Rehabilitation (2019) - Salary                         | 3224        | Solids     |                         | \$8,749                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 24   | 3224-999 - Digester No.4 Rehabilitation (2019) - Fringe                         | 3224        | Solids     |                         | \$6,537                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 25   | 3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements     | 3287        | Solids     | \$11,348,788            | \$9,572,821                           | \$1,549,645      | \$1,549,645    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 26   | 3287-998 - Facility Improvements B - DAFT and Ancillary Solids (Salary)         | 3287        | Solids     |                         | \$123,062                             | \$25,000         | \$25,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 27   | 3287-999 - Facility Improvements B - DAFT and Ancillary Solids (Fringe)         | 3287        | Solids     |                         | \$69,261                              | \$9,000          | \$9,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 28   | 3223-000 - Emulsion Polymer Feeder Replacement (2019)                           | 3223        | Solids     | \$73,668                | \$72,544                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 29   | 3223-998 - Emulsion Polymer Feeder Replacement (2019) (Salary)                  | 3223        | Solids     |                         | \$644                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 30   | 3223-999 - Emulsion Polymer Feeder Replacement (2019) (Fringe)                  | 3223        | Solids     |                         | \$480                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 31   | 3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement      | 3225        | Solids     | \$5,772                 | \$0                                   | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 32   | 3225-998 - Facility Improvements B - DAFT and Ancillary Solids - Salary         | 3225        | Solids     |                         | \$3,290                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 33   | 3225-999 - Facility Improvements B - DAFT and Ancillary Solids - Fringe         | 3225        | Solids     |                         | \$2,482                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 34   |   |             |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 35   | 3221-000 - Electrical System Evaluation (2019)                                  | 3221        | Common     | \$59,726                | \$42,154                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 36   | 3221-998 - Electrical System Evaluation (2019) (Salary)                         | 3221        | Common     |                         | \$10,574                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 37   | 3221-999 - Electrical System Evaluation (2019) (Fringe)                         | 3221        | Common     |                         | \$6,998                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 38   |   |             |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 39   | 2022 Plant 1 Electrical Rehabilitation  | multi       | Liquids    | \$2,080,166             | \$254,712                             | \$1,952,000      | \$1,620,000    | \$332,000      | \$0            | \$0            | \$0            | \$0        |       |
| 40   | 32228L MCC M Replacement  | 32228L/3215 | Liquids    | \$555,318               | \$0                                   | \$539,000        | \$377,000      | \$162,000      | \$0            | \$0            | \$0            | \$0        |       |
| 41   | 3215-998 - Motor Control Center M Replacement Design (2019) - Salary            | 32228L/3215 | Liquids    |                         | \$183                                 | \$12,000         | \$6,000        | \$6,000        | \$0            | \$0            | \$0            | \$0        |       |
| 42   | 3215-999 - Motor Control Center M Replacement Design (2019) - Fringe            | 32228L/3215 | Liquids    |                         | \$136                                 | \$4,000          | \$2,000        | \$2,000        | \$0            | \$0            | \$0            | \$0        |       |
| 43   | 3252-000 - Plant 1 Standby Power Generator Repl (2017)                          | 3252        | Liquids    | \$735,847               | \$126,547                             | \$600,000        | \$600,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 44   | 3252-998 - Plant 1 Standby Power Generator Replacement (2017)                   | 3252        | Liquids    |                         | \$668                                 | \$6,000          | \$6,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 45   | 3252-999 - Plant 1 Standby Power Generator                                      | 3252        | Liquids    |                         | \$633                                 | \$2,000          | \$2,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 46   | MCC G Replacement   | NEED        | Liquids    | \$539,000               | \$126,547                             | \$539,000        | \$377,000      | \$162,000      | \$0            | \$0            | \$0            | \$0        |       |
| 47   | Effluent PS Electrical Rehabilitation   | NEED        | Liquids    | \$250,000               | \$0                                   | \$250,000        | \$250,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 48   |   |             |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 49   | 2022 Misc Gates and Pipe Rehabilitation (L/S)                                   | multi       | Liquids    | \$3,977,715             | \$1,108                               | \$3,976,607      | \$1,071,872    | \$2,904,736    | \$0            | \$0            | \$0            | \$0        |       |
| 50   | 3285-000 - Main Plant Drain Line Reconstruction (2018)                          | 3285        | Liquids    | \$296,244               | \$0                                   | \$279,136        | \$223,136      | \$56,000       | \$0            | \$0            | \$0            | \$0        |       |
| 51   | 3285-998 - Main Plant Drain Line Reconstruction (2018) (Salary)                 | 3285        | Liquids    |                         | \$635                                 | \$10,000         | \$5,000        | \$5,000        | \$0            | \$0            | \$0            | \$0        |       |
| 52   | 3285-999 - Main Plant Drain Line Reconstruction (2018) (Fringe)                 | 3285        | Liquids    |                         | \$473                                 | \$6,000          | \$3,000        | \$3,000        | \$0            | \$0            | \$0            | \$0        |       |
| 53   | 32234L-000 Chlorine Contact Basin Isolation Gates and Structural Rehabilitation | 32224L      | Liquids    | \$331,471               | \$0                                   | \$331,471        | \$165,736      | \$165,736      | \$0            | \$0            | \$0            | \$0        |       |

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 02 J B Latham   | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| 54   | Effluent PS Storage and Staging Area   | NEED       | Liquids    | \$250,000               | \$0                                   | \$250,000        | \$0            | \$250,000      | \$0            | \$0            | \$0            | \$0        |       |
| 55   | 32226L-000 - Effluent Pump Station Upgrades (non electrical)                   | 32226L     | Liquids    | \$2,500,000             | \$0                                   | \$2,500,000      | \$375,000      | \$2,125,000    | \$0            | \$0            | \$0            | \$0        |       |
| 56   | 3253-000 Effluent System Valves Replacement (2107)                             | NEED       | Liquids    | \$200,000               | \$0                                   | \$200,000        | \$100,000      | \$100,000      | \$0            | \$0            | \$0            | \$0        |       |
| 57   | Buried Digester and Flare Gasline Replacement                                  | NEED       | Solids     | \$100,000               | \$0                                   | \$100,000        | \$50,000       | \$50,000       | \$0            | \$0            | \$0            | \$0        |       |
| 58   | Scum Line Replacement  | NEED       | Solids     | \$50,000                | \$0                                   | \$50,000         | \$25,000       | \$25,000       | \$0            | \$0            | \$0            | \$0        |       |
| 59   | JBL Heat exchanger #4 pipe replacement (thinning pipe)                         | NEED       | Solids     | \$150,000               | \$0                                   | \$150,000        | \$75,000       | \$75,000       | \$0            | \$0            | \$0            | \$0        |       |
| 60   | Process Water Repiping (system full of shells)                                 | NEED       | Common     | \$100,000               | \$0                                   | \$100,000        | \$50,000       | \$50,000       | \$0            | \$0            | \$0            | \$0        |       |
| 61   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 62   | 2022 Misc. Roof Rehabilitations (L/S/C)  | multi      | L/C/S      | \$3,514,116             | \$116                                 | \$3,514,000      | \$997,000      | \$2,517,000    | \$0            | \$0            | \$0            | \$0        |       |
| 63   | Plant 2 Headworks Roof #25 and Plant 1 Blower Building                         | NEED       | Liquids    | \$500,000               | \$0                                   | \$500,000        | \$0            | \$500,000      | \$0            | \$0            | \$0            | \$0        |       |
| 64   | Building #65   | NEED       | Solids     | \$150,000               | \$0                                   | \$150,000        | \$75,000       | \$75,000       | \$0            | \$0            | \$0            | \$0        |       |
| 65   | 2337 Administration Building Roof Reconstruction                               | 2337       | Common     | \$414,000               | \$0                                   | \$414,000        | \$207,000      | \$207,000      | \$0            | \$0            | \$0            | \$0        |       |
| 66   | 32225S-000 - JBL Energy Building Upgrades - Solids                             | 32225S     | Solids     | \$1,860,000             | \$0                                   | \$1,860,000      | \$465,000      | \$1,395,000    | \$0            | \$0            | \$0            | \$0        |       |
| 67   | 32225C-000 - JBL Energy Building Upgrades - Common                             | 32225C     | Solids     | \$340,000               | \$0                                   | \$340,000        | \$0            | \$340,000      | \$0            | \$0            | \$0            | \$0        |       |
| 68   | 3216-000 - Hoist System for Maintenance Shop (2013)                            | 3216       | Common     | \$250,116               | \$0                                   | \$250,000        | \$250,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 69   | 3216-998 - Hoist System for Maintenance Shop (2013)-Salaries                   | 3216       | Common     |                         | \$66                                  | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 70   | 3216-999 - Hoist System for Maintenance Shop (2013)-Fringe                     | 3216       | Common     |                         | \$50                                  | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 71   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 72   | 4203-000 Plant Hydraulic Model and Flow Management Plan                        | 4203       | Liquids    | \$152,971               | \$152,971                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 73   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 74   | 2022 -2023 Assessments   | multi      | Liquids    | \$1,020,445             | \$0                                   | \$1,020,445      | \$0            | \$1,020,445    | \$0            | \$0            | \$0            | \$0        |       |
| 75   | 4201-000 - JBL Plant 1 Blower Building Condition Assessment                    | 4201       | Liquids    | \$50,000                | \$0                                   | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0        |       |
| 76   | 4209-000 Plant 1 Influent Sewer Condition Assessment                           | 4209       | Liquids    | \$86,229                | \$0                                   | \$86,229         | \$0            | \$86,229       | \$0            | \$0            | \$0            | \$0        |       |
| 77   | 4210-000 Plant 1 Bypass Sewer Condition Assessment                             | 4210       | Liquids    | \$40,578                | \$0                                   | \$40,578         | \$0            | \$40,578       | \$0            | \$0            | \$0            | \$0        |       |
| 78   | 2095 Capistrano Beach Influent Sewer Condition Assessment                      | 2095       | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |       |
| 79   | 42231L-000 Influent Flow Metering Evaluation                                   | 42231L     | Liquids    | \$50,922                | \$0                                   | \$50,922         | \$0            | \$50,922       | \$0            | \$0            | \$0            | \$0        |       |
| 80   | 42213L-000 Dana Point Influent Sewer Condition Assessment                      | 42213L     | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |       |
| 81   | 2067 Plant 2 Headworks Condition Assessment                                    | 2067       | Liquids    | \$51,000                | \$0                                   | \$51,000         | \$0            | \$51,000       | \$0            | \$0            | \$0            | \$0        |       |
| 82   | 2069 Plant 2 Blower Building Condition Assessment                              | 2069       | Liquids    | \$63,000                | \$0                                   | \$63,000         | \$0            | \$63,000       | \$0            | \$0            | \$0            | \$0        |       |
| 83   | Plant 1 and 2 Grit Assessment  | NEW        | Liquids    | \$50,000                | \$0                                   | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0        |       |
| 84   | 42221C-000 Site Storage Evaluation   | 42221C     | Common     | \$61,000                | \$0                                   | \$61,000         | \$0            | \$61,000       | \$0            | \$0            | \$0            | \$0        |       |
| 85   | 42222C-000 Electrical Conduit and Cable Master Plan                            | 42222C     | Common     | \$60,975                | \$0                                   | \$60,975         | \$0            | \$60,975       | \$0            | \$0            | \$0            | \$0        |       |
| 86   | 52221C-000 Arc Flash 5-Year Update   | 52221C     | Common     | \$8,000                 | \$0                                   | \$8,000          | \$0            | \$8,000        | \$0            | \$0            | \$0            | \$0        |       |
| 87   | 52222C-000 NFPA 70 Classification Mapping                                      | 52222C     | Common     | \$30,000                | \$0                                   | \$30,000         | \$0            | \$30,000       | \$0            | \$0            | \$0            | \$0        |       |
| 88   | 52223C-000 DHS Facility Compliance Review                                      | 52223C     | Common     | \$35,000                | \$0                                   | \$35,000         | \$0            | \$35,000       | \$0            | \$0            | \$0            | \$0        |       |
| 89   | 42233C-000 Buried Utility Master Plan  | 42233C     | Common     | \$157,011               | \$0                                   | \$157,011        | \$0            | \$157,011      | \$0            | \$0            | \$0            | \$0        |       |
| 90   | 2335 Administration Building Condition Assessment                              | 2335       | Common     | \$29,000                | \$0                                   | \$29,000         | \$0            | \$29,000       | \$0            | \$0            | \$0            | \$0        |       |
| 91   | 2336 Administration Building Spatial Evaluation                                | 2336       | Common     | \$46,000                | \$0                                   | \$46,000         | \$0            | \$46,000       | \$0            | \$0            | \$0            | \$0        |       |
| 92   | 42231C-000 Chlorine Building and Storm Water Pump Station Condition Assessment | 42231C     | Liquids    | \$51,730                | \$0                                   | \$51,730         | \$0            | \$51,730       | \$0            | \$0            | \$0            | \$0        |       |
| 93   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 94   | SCR Blower   | New        | Solids     | \$100,000               | \$0                                   | \$100,000        | \$100,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 95   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 96   | 3209-000 - Facility Improvements - Co-Generation Rep. (2016)                   | 3209       | Solids     | \$7,872,298             | \$7,857,298                           | \$15,000         | \$5,000        | \$5,000        | \$5,000        | \$0            | \$0            | \$0        |       |
| 97   | 3209-001 - Facility Improvements - Co-Generation Rep. (2016)-Planning          | 3209       | Solids     |                         | \$21,437                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 98   | 3209-004 - Facility Improvements - Co-Generation Rep. (2016)-Project Ma        | 3209       | Solids     |                         | \$4,159                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 99   | 3209-998 - Facility Improvements - Co-Generation Rep. (2016)-Salaries          | 3209       | Solids     |                         | \$33,489                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 100  | 3209-999 - Facility Improvements - Co-Generation Rep. (2016)-Fringe            | 3209       | Solids     |                         | \$25,854                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 101  |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 102  | Centrate Line Project  | multi      | Solids     | \$390,721               | \$90,721                              | \$300,000        | \$300,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 103  | 3222-000 - Centrate System Design (2019)                                       | 3222       | Solids     | \$90,721                | \$85,000                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 104  | 3222-998 - Centrate System Design (2019) (Salary)                              | 3222       | Solids     |                         | \$3,413                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 105  | 3222-999 - Centrate System Design (2019) (Fringe)                              | 3222       | Solids     |                         | \$2,308                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 106  | 3234-000 Centrate Piping Reconstruction (2021)                                 | 3234       | Solids     | \$300,000               | \$0                                   | \$300,000        | \$300,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 02 J B Latham  | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter  | Notes       |
|------|---|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------|-------------|
| 107  |   |            |            |                         |                                       |                  |                |                |                |                |                |             |             |
| 108  | 2024 Solids Rehabilitation Project  | multi      | Solids     | \$13,851,280            | \$0                                   | \$13,851,280     | \$0            | \$0            | \$5,851,280    | \$8,000,000    | \$0            | \$0         |             |
| 109  | 32224S Dewatering System, Truck Loading Area, and MCC 2 & CF Reconstruction | 32224S     | Solids     | \$3,000,000             | \$0                                   | \$3,000,000      | \$0            | \$0            | \$1,500,000    | \$1,500,000    | \$0            | \$0         |             |
| 110  | 32231S-000 - Gas Flare Replacement  | 32231S     | Solids     | \$1,537,790             | \$0                                   | \$1,537,790      | \$0            | \$0            | \$1,037,790    | \$500,000      | \$0            | \$0         |             |
| 111  | 2321 Odor Control Scrubber No.2 Replacement                                 | 2321       | Solids     | \$2,000,000             | \$0                                   | \$2,000,000      | \$0            | \$0            | \$1,000,000    | \$1,000,000    | \$0            | \$0         |             |
| 112  | 2540 Dewatering System Replacement  | 2540       | Solids     | \$5,516,000             | \$0                                   | \$5,516,000      | \$0            | \$0            | \$516,000      | \$5,000,000    | \$0            | \$0         |             |
| 113  | 2522 DAF Polymer System Upgrade   | 2522       | Liquids    | \$741,000               | \$0                                   | \$741,000        | \$0            | \$0            | \$741,000      | \$0            | \$0            | \$0         |             |
| 114  | 2534 Buried Digester Piping Reconstruction                                  | 2534       | Solids     | \$806,490               | \$0                                   | \$806,490        | \$0            | \$0            | \$806,490      | \$0            | \$0            | \$0         |             |
| 115  | 2523 Dewatering Polymer System Upgrade                                      | 2523       | Solids     | \$250,000               | \$0                                   | \$250,000        | \$0            | \$0            | \$250,000      | \$0            | \$0            | \$0         |             |
| 116  |   |            |            |                         |                                       |                  |                |                |                |                |                |             |             |
| 117  | 2025 Plant 1 Liquids Rehabilitation Project                                 | Multi      | Liquids    | \$16,747,298            | \$0                                   | \$16,747,298     | \$0            | \$0            | \$0            | \$9,928,496    | \$6,818,802    | \$0         |             |
| 118  | 2055 Plant 1 Headworks Upgrade  | 2055       | Liquids    | \$2,006,000             | \$0                                   | \$2,006,000      | \$0            | \$0            | \$0            | \$1,006,000    | \$1,000,000    | \$0         |             |
| 119  | 32233L-000 Plant 1 Grit Handling (2057)                                     | 32233L     | Liquids    | \$276,864               | \$0                                   | \$276,864        | \$0            | \$0            | \$0            | \$276,864      | \$0            | \$0         |             |
| 120  | 2051 Influent Diversion Structure Upgrade                                   | 2051       | Liquids    | \$473,000               | \$0                                   | \$473,000        | \$0            | \$0            | \$0            | \$473,000      | \$0            | \$0         |             |
| 121  | 2080 Odor Control Scrubber No.3 Installation                                | 2080       | Liquids    | \$196,000               | \$0                                   | \$196,000        | \$0            | \$0            | \$0            | \$196,000      | \$0            | \$0         |             |
| 122  | 2081 Sodium Hypochlorite System Reconstruction                              | 2081       | Liquids    | \$720,000               | \$0                                   | \$720,000        | \$0            | \$0            | \$0            | \$720,000      | \$0            | \$0         |             |
| 123  | 2090 Odor Control Scrubber No.1 Replacement                                 | 2090       | Liquids    | \$1,127,000             | \$0                                   | \$1,127,000      | \$0            | \$0            | \$0            | \$0            | \$1,127,000    | \$0         |             |
| 124  | 2101 Effluent Pump VFD Replacement  | 2101       | Liquids    | \$327,000               | \$0                                   | \$327,000        | \$0            | \$0            | \$0            | \$327,000      | \$0            | \$0         |             |
| 125  | 2521 Odor Control Scrubber No.4 Installation                                | 2521       | Liquids    | \$171,000               | \$0                                   | \$171,000        | \$0            | \$0            | \$0            | \$171,000      | \$0            | \$0         |             |
| 126  | 2060 Plant 1 Raw Sewage Pump Station Upgrade                                | 2060       | Liquids    | \$1,691,802             | \$0                                   | \$1,691,802      | \$0            | \$0            | \$0            | \$0            | \$1,691,802    | \$0         |             |
| 127  | 2061 Plant 1 Raw Sewage Pump VFD Upgrade                                    | 2061       | Liquids    | \$166,404               | \$0                                   | \$166,404        | \$0            | \$0            | \$0            | \$166,404      | \$0            | \$0         |             |
| 128  | 2062 Plant 1 RAS and WAS Pump System Upgrade                                | 2062       | Liquids    | \$1,164,736             | \$0                                   | \$1,164,736      | \$0            | \$0            | \$0            | \$1,164,736    | \$0            | \$0         |             |
| 129  | 2063 Plant 1 Primary Sludge Pumping Upgrade                                 | 2063       | Liquids    | \$676,899               | \$0                                   | \$676,899        | \$0            | \$0            | \$0            | \$676,899      | \$0            | \$0         |             |
| 130  | 2096 Plant 1 Liquids Buried Piping Reconstruction                           | 2096       | Liquids    | \$400,000               | \$0                                   | \$400,000        | \$0            | \$0            | \$0            | \$400,000      | \$0            | \$0         |             |
| 131  | 2064 Plant 1 Aeration Blower System Replacement                             | 2064       | Liquids    | \$525,000               | \$0                                   | \$525,000        | \$0            | \$0            | \$0            | \$525,000      | \$0            | \$0         |             |
| 132  | 32221L Plant 1 Grit, MCC A-1, & Blower Building Upgrades                    | 32221L     | Liquids    | \$6,256,220             | \$0                                   | \$6,256,220      | \$0            | \$0            | \$0            | \$3,256,220    | \$3,000,000    | \$0         |             |
| 133  | 2065 MCC-A-1 Replacement  | 2065       | Liquids    | \$569,372               | \$0                                   | \$569,372        | \$0            | \$0            | \$0            | \$569,372      | \$0            | \$0         |             |
| 134  |   |            |            |                         |                                       |                  |                |                |                |                |                |             |             |
| 135  | SC-02L PC 2 Liquids Small Cap   | SC-02L     | Liquids    | \$4,312,000             |                                       | \$3,920,000      | \$392,000      | \$392,000      | \$392,000      | \$392,000      | \$392,000      | \$1,960,000 |             |
| 136  | SC-02C PC 2 Common Small Cap  | SC-02C     | Common     | \$1,540,000             |                                       | \$1,400,000      | \$140,000      | \$140,000      | \$140,000      | \$140,000      | \$140,000      | \$700,000   |             |
| 137  | SC-02S PC 2 Solids Small Cap  | SC-02S     | Solids     | \$1,683,000             |                                       | \$1,530,000      | \$153,000      | \$153,000      | \$153,000      | \$153,000      | \$153,000      | \$765,000   |             |
| 138  |   |            |            |                         |                                       |                  |                |                |                |                |                |             |             |
| 139  | Updated TYCIP   |            |            |                         |                                       |                  |                |                |                |                |                |             |             |
| 140  | 2529 MCC B Replacement  | 2529       | Liquids    | \$418,260               | \$0                                   | \$418,260        | \$0            | \$0            | \$0            | \$0            | \$0            | \$418,260   | TYCIP 26-27 |
| 141  | 2333 Chlorine Building Rehabilitation                                       | 2333       | Liquids    | \$240,280               | \$0                                   | \$240,280        | \$0            | \$0            | \$0            | \$0            | \$0            | \$240,280   | TYCIP 27-28 |
| 142  | 2340 Plant Water Pump Station Reconstruction                                | 2340       | Liquids    | \$647,701               | \$0                                   | \$647,701        | \$0            | \$0            | \$0            | \$0            | \$0            | \$647,701   | TYCIP 27-28 |
| 143  | 2341 Non-Potable Water Pump Station Reconstruction                          | 2341       | Liquids    | \$633,742               | \$0                                   | \$633,742        | \$0            | \$0            | \$0            | \$0            | \$0            | \$633,742   | TYCIP 27-28 |
| 144  | 2347 Storm Water Pump Station Reconstruction                                | 2347       | Liquids    | \$377,246               | \$0                                   | \$377,246        | \$0            | \$0            | \$0            | \$0            | \$0            | \$377,246   | TYCIP 27-28 |
| 145  | 2068 Plant 2 Headworks Upgrade  | 2068       | Liquids    | \$573,659               | \$0                                   | \$573,659        | \$0            | \$0            | \$0            | \$0            | \$0            | \$573,659   | TYCIP 32-33 |
| 146  | 2070 Plant 2 Blower Building Structural and Infrastructure Upgrade          | 2070       | Liquids    | \$495,503               | \$0                                   | \$495,503        | \$0            | \$0            | \$0            | \$0            | \$0            | \$495,503   | TYCIP 28-29 |
| 147  | 2071 Plant 2 Raw Sewage Pump Station Upgrade                                | 2071       | Liquids    | \$982,765               | \$0                                   | \$982,765        | \$0            | \$0            | \$0            | \$0            | \$0            | \$982,765   | TYCIP 28-29 |
| 148  | 2072 Plant 2 Raw Sewage Pump VFD Upgrade                                    | 2072       | Liquids    | \$189,501               | \$0                                   | \$189,501        | \$0            | \$0            | \$0            | \$0            | \$0            | \$189,501   | TYCIP 28-29 |
| 149  | 2073 Plant 2 RAS and WAS Pump System Upgrade                                | 2073       | Liquids    | \$870,133               | \$0                                   | \$870,133        | \$0            | \$0            | \$0            | \$0            | \$0            | \$870,133   | TYCIP 28-29 |
| 150  | 2074 Plant 2 Primary Sludge Pumping Upgrade                                 | 2074       | Liquids    | \$513,829               | \$0                                   | \$513,829        | \$0            | \$0            | \$0            | \$0            | \$0            | \$513,829   | TYCIP 28-29 |
| 151  | 2076 Plant 2 Meter Vault Upgrade  | 2076       | Liquids    | \$326,300               | \$0                                   | \$326,300        | \$0            | \$0            | \$0            | \$0            | \$0            | \$326,300   | TYCIP 28-29 |
| 152  | 2077 Plant 2 Grit Handling Upgrade  | 2077       | Liquids    | \$689,968               | \$0                                   | \$689,968        | \$0            | \$0            | \$0            | \$0            | \$0            | \$689,968   | TYCIP 28-29 |
| 153  | 2520 Ferric Chloride System Reconstruction                                  | 2520       | Liquids    | \$776,400               | \$0                                   | \$776,400        | \$0            | \$0            | \$0            | \$0            | \$0            | \$776,400   | TYCIP 28-29 |
| 154  | 2097 Plant 2 Liquids Buried Piping Reconstruction                           | 2097       | Liquids    | \$689,318               | \$0                                   | \$689,318        | \$0            | \$0            | \$0            | \$0            | \$0            | \$689,318   | TYCIP 29-30 |
| 155  | 32225L Plant 2 Primary Sedimentation Upgrade                                | Need new # | Liquids    | \$2,317,006             | \$0                                   | \$2,317,006      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,317,006 | TYCIP 27-28 |
| 156  | 32226L Plant 2 Secondary Sedimentation Upgrade                              | Need new # | Liquids    | \$2,281,996             | \$0                                   | \$2,281,996      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,281,996 | TYCIP 27-28 |
| 157  | 2052 Bypass Flow Installation   | 2052       | Liquids    | \$641,579               | \$0                                   | \$641,579        | \$0            | \$0            | \$0            | \$0            | \$0            | \$641,579   | TYCIP 27-28 |
| 158  | 2351 Buried Drainage Pipe Reconstruction                                    | 2351       | Liquids    | \$632,146               | \$0                                   | \$632,146        | \$0            | \$0            | \$0            | \$0            | \$0            | \$632,146   | TYCIP 29-30 |
| 159  | 2085 Effluent Pump Station Rehabilitation                                   | 2085       | Liquids    | \$353,719               | \$0                                   | \$353,719        | \$0            | \$0            | \$0            | \$0            | \$0            | \$353,719   | TYCIP 31-32 |

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line | PC 02 J B Latham   | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter   | Notes       |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|--------------|-------------|
| 160  | 2086 Effluent Pump Reconstruction                              | 2086       | Liquids    | \$1,589,511             | \$0                                   | \$1,589,511      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,589,511  | TYCIP 31-32 |
| 161  | 2087 Effluent Pump Station Standby Power Generator Replacement | 2087       | Liquids    | \$610,542               | \$0                                   | \$610,542        | \$0            | \$0            | \$0            | \$0            | \$0            | \$610,542    | TYCIP 31-32 |
| 162  | 2078 Scum Pump Station Upgrade                                 | 2078       | Liquids    | \$700,000               | \$0                                   | \$700,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$700,000    | TYCIP 27-28 |
| 163  | 2088 Effluent Pipeline Condition Assessment                    | 2088       | Liquids    | \$300,000               | \$0                                   | \$300,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$300,000    | TYCIP 27-28 |
| 164  | 2089 Effluent Flow Metering Evaluation                         | 2089       | Liquids    | \$100,000               | \$0                                   | \$100,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$100,000    | TYCIP 27-28 |
| 165  | 32222L Aeration Basin Drainage Pumps                           | 32222L     | Liquids    | \$450,000               | \$0                                   | \$450,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$450,000    | TYCIP 27-28 |
| 166  | 3227-000 Package D Design Liquids                              | 3227       | Liquids    | \$0                     | \$0                                   | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0          | Cancelled   |
| 167  | 2350 Buried Water Pipe Reconstruction                          | 2350       | Common     | \$1,305,920             | \$0                                   | \$1,305,920      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,305,920  | TYCIP 27-28 |
| 168  | 2346 Storage Building Replacement                              | 2346       | Common     | \$500,000               | \$0                                   | \$500,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$500,000    | TYCIP 27-28 |
| 169  | 2343 SCADA System Upgrade Project/1st Phase                    | 2343       | Common     | \$583,944               | \$0                                   | \$583,944        | \$0            | \$0            | \$0            | \$0            | \$0            | \$583,944    | TYCIP 27-28 |
| 170  | 2075 Plant 2 Emergency Generator                               | 2075       | Common     | \$490,162               | \$0                                   | \$490,162        | \$0            | \$0            | \$0            | \$0            | \$0            | \$490,162    | TYCIP 28-29 |
| 171  | 2345 Site Pavement Reconstruction                              | 2345       | Common     | \$931,500               | \$0                                   | \$931,500        | \$0            | \$0            | \$0            | \$0            | \$0            | \$931,500    | TYCIP 33-34 |
| 172  | 2353 Perimeter Fencing Replacement                             | 2353       | Common     | \$608,337               | \$0                                   | \$608,337        | \$0            | \$0            | \$0            | \$0            | \$0            | \$608,337    | TYCIP 33-34 |
| 173  | 2524 MCC D Replacement   | 2524       | Solids     | \$371,517               | \$0                                   | \$371,517        | \$0            | \$0            | \$0            | \$0            | \$0            | \$371,517    | TYCIP 27-28 |
| 174  | 2537 Digester 5 Construction                                   | 2537       | Solids     | \$10,148,252            | \$0                                   | \$10,148,252     | \$0            | \$0            | \$0            | \$0            | \$0            | \$10,148,252 | TYCIP 27-28 |
| 175  | 2528 Digested Sludge Pump Station Upgrade                      | 2528       | Solids     | \$374,807               | \$0                                   | \$374,807        | \$0            | \$0            | \$0            | \$0            | \$0            | \$374,807    | TYCIP 27-28 |
| 176  | 2526 Anaerobic Digester No.3 and No.4 Mechanical Upgrade       | 2526       | Solids     | \$2,000,000             | \$0                                   | \$2,000,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,000,000  | TYCIP 30-31 |
| 177  | 2525 Anaerobic Digester No.1 and No.2 Mechanical Upgrade       | 2525       | Solids     | \$3,701,940             | \$0                                   | \$3,701,940      | \$0            | \$0            | \$0            | \$0            | \$0            | \$3,701,940  | TYCIP 30-31 |
| 178  | 2531 Solids Conveyor Replacement                               | 2531       | Solids     | \$181,000               | \$0                                   | \$181,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$181,000    | TYCIP 30-31 |
| 179  |  |            |            |                         |                                       |                  |                |                |                |                |                |              |             |
| 180  | Total  |            |            | \$120,338,235           | \$28,077,532                          | \$91,787,189     | \$8,640,950    | \$7,464,180    | \$6,541,280    | \$18,613,496   | \$7,503,802    | \$43,023,481 |             |

**ATTACHMENT 2A-3**  
**PC Planned Cash Request**  
**Table by Project Line Item**  
**for PC2 – JBL**



South Orange County Wastewater Authority  
Large Capital Projects FY22-23

| Line | PC 02 J B Latham  | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 1    | Package B   | \$2,408,153          | \$5,452,000       | \$2,987,498                        | \$3,862,079                     | \$874,581                        | \$674,581                     | \$200,000                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 2    | 3202-000 - Preliminary and Primary Treatment Improvements Design (2016)         | \$148,398            | \$0               | \$148,398                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 3    | 3202-998 - Preliminary and Primary Treatment Improvements Design (2016)         | \$0                  | \$0               | -\$43,442                          |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 4    | 3202-999 - Preliminary and Primary Treatment Improvements Design (2016)         | \$0                  | \$0               | -\$35,701                          |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 5    | 3253-000 - Effluent System Valves Replacement (2017)                            | \$92,039             | \$0               | \$92,039                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 6    | 3253-998 - Effluent System Valves Replacement (2017)                            | \$0                  | \$0               | -\$505                             |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 7    | 3253-999 - Effluent System Valves Replacement (2017)                            | \$0                  | \$0               | -\$442                             |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 8    | 3254-000 - Additional Package B Liquids Design (2017)                           | \$151,718            | \$0               | \$134,083                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 9    | 3254-998 - Additional Package B Liquids Design (2017)-Salaries                  | \$0                  | \$0               | -\$1,737                           |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 10   | 3254-999 - Additional Package B Liquids Design (2017)-Fringe                    | \$0                  | \$0               | -\$1,372                           |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 11   | 3280-000 - Facility Improvements B - Basin Upgrades (2018)                      | \$32,457             | \$0               | \$32,457                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 12   | 3280-998 - Facility Improvements B - Basin Upgrades (2018) (Salary)             | \$0                  | \$0               | -\$30,939                          |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 13   | 3280-999 - Facility Improvements B - Basin Upgrades (2018) (Fringe)             | \$0                  | \$0               | -\$23,350                          |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 14   | 3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)       | \$1,113,759          | \$2,250,000       | \$597,389                          | \$1,504,000                     | \$874,581                        | \$674,581                     | \$200,000                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 15   | 3220-998 - Facility Improvements B - Basin Upgrades Construction I -sal         | \$0                  | \$0               | -\$80,833                          | \$35,000                        | \$0                              | \$0                           | \$0                           |                               |                               |                            |                            |                            |                            |                               |
| 16   | 3220-999 - Facility Improvements B - Basin Upgrades Construction I -fri         | \$0                  | \$0               | -\$45,082                          | \$13,000                        | \$0                              | \$0                           | \$0                           |                               |                               |                            |                            |                            |                            |                               |
| 17   | 32211L-000 - Plant 2 Grit Area Rehabilitation                                   | -\$90,294            | \$0               | -\$90,294                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 18   | 32212L-000 - Primary Tank Covers Replacements                                   | \$0                  | \$0               | \$0                                | \$300,000                       | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 19   | 3231-000 Facility Improvements B - Common Upgrades Construction                 | \$443,266            | \$72,000          | \$409,861                          | \$392,434                       | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 20   | 3231-998 - Facility Improvements B - Common Upgrades Construction -Sala         | \$0                  |                   | -\$20,194                          | \$25,000                        | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 21   | 3231-999 - Facility Improvements B - Common Upgrades Construction -Frin         | \$0                  |                   | -\$7,962                           | \$9,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 22   | 3224-000 - Digester No.4 Rehabilitation (2019)                                  | \$316,214            |                   | \$316,214                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 23   | 3224-998 - Digester No.4 Rehabilitation (2019) - Salary                         | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 24   | 3224-999 - Digester No.4 Rehabilitation (2019) - Fringe                         | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 25   | 3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements     | \$129,272            | \$3,130,000       | \$1,622,841                        | \$1,549,645                     |                                  | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 26   | 3287-998 - Facility Improvements B - DAFT and Ancillary Solids (Salary)         | \$0                  |                   | -\$42,895                          | \$25,000                        | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 27   | 3287-999 - Facility Improvements B - DAFT and Ancillary Solids (Fringe)         | \$0                  |                   | -\$12,359                          | \$9,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 28   | 3223-000 - Emulsion Polymer Feeder Replacement (2019)                           | \$71,332             |                   | \$71,332                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 29   | 3223-998 - Emulsion Polymer Feeder Replacement (2019) (Salary)                  | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 30   | 3223-999 - Emulsion Polymer Feeder Replacement (2019) (Fringe)                  | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 31   | 3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement      | -\$8                 |                   | -\$8                               | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 32   | 3225-998 - Facility Improvements B - DAFT and Ancillary Solids - Salary         | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 33   | 3225-999 - Facility Improvements B - DAFT and Ancillary Solids - Fringe         | \$0                  |                   | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 34   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 35   | 3221-000 - Electrical System Evaluation (2019)                                  | \$27,938             | \$0               | \$5,274                            | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 36   | 3221-998 - Electrical System Evaluation (2019) (Salary)                         | \$0                  | \$0               | -\$3,000                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 37   | 3221-999 - Electrical System Evaluation (2019) (Fringe)                         | \$0                  | \$0               | -\$2,000                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 38   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 39   | 2022 Plant 1 Electrical Rehabilitation  | \$138,576            | \$0               | \$136,957                          | \$1,620,000                     | \$1,483,043                      | \$0                           | \$117,712                     | \$1,247,619                   | \$117,712                     | \$332,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 40   | 32228L MCC M Replacement  | \$32,182             | \$0               | \$32,182                           | \$377,000                       | \$345,137                        | \$0                           | \$115,046                     | \$115,046                     | \$115,046                     | \$162,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 41   | 3215-998 - Motor Control Center M Replacement Design (2019) - Salary            | \$0                  | \$0               | -\$183                             | \$5,000                         | \$5,000                          | \$0                           | \$1,667                       | \$1,667                       | \$1,667                       | \$6,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 42   | 3215-999 - Motor Control Center M Replacement Design (2019) - Fringe            | \$0                  | \$0               | -\$136                             | \$3,000                         | \$3,000                          | \$0                           | \$1,000                       | \$1,000                       | \$1,000                       | \$2,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 43   | 3252-000 - Plant 1 Standby Power Generator Repl (2017)                          | \$106,394            | \$0               | \$106,394                          | \$600,000                       | \$494,906                        | \$0                           | \$0                           | \$494,906                     | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 44   | 3252-998 - Plant 1 Standby Power Generator Replacement (2017)                   | \$0                  | \$0               | -\$668                             | \$6,000                         | \$6,000                          | \$0                           | \$0                           | \$6,000                       | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 45   | 3252-999 - Plant 1 Standby Power Generator                                      | \$0                  | \$0               | -\$633                             | \$2,000                         | \$2,000                          | \$0                           | \$0                           | \$2,000                       | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 46   | MCC G Replacement   | \$0                  | \$0               | \$0                                | \$377,000                       | \$377,000                        | \$0                           | \$0                           | \$377,000                     | \$0                           | \$162,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 47   | Effluent PS Electrical Rehabilitation   | \$0                  | \$0               | \$0                                | \$250,000                       | \$250,000                        | \$0                           | \$0                           | \$250,000                     | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 48   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 49   | 2022 Misc Gates and Pipe Rehabilitation (L/S)                                   | \$0                  | \$0               | \$0                                | \$1,071,872                     | \$1,071,872                      | \$267,968                     | \$267,968                     | \$267,968                     | \$267,968                     | \$2,904,736                | \$0                        | \$0                        | \$0                        | \$0                           |
| 50   | 3285-000 - Main Plant Drain Line Reconstruction (2018)                          | \$0                  | \$0               | \$0                                | \$223,136                       | \$223,136                        | \$55,784                      | \$55,784                      | \$55,784                      | \$55,784                      | \$56,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 51   | 3285-998 - Main Plant Drain Line Reconstruction (2018) (Salary)                 | \$0                  | \$0               | \$0                                | \$5,000                         | \$5,000                          | \$1,250                       | \$1,250                       | \$1,250                       | \$1,250                       | \$5,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 52   | 3285-999 - Main Plant Drain Line Reconstruction (2018) (Fringe)                 | \$0                  | \$0               | \$0                                | \$3,000                         | \$3,000                          | \$750                         | \$750                         | \$750                         | \$750                         | \$3,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 53   | 32234L-000 Chlorine Contact Basin Isolation Gates and Structural Rehabilitation | \$0                  | \$0               | \$0                                | \$165,736                       | \$165,736                        | \$41,434                      | \$41,434                      | \$41,434                      | \$41,434                      | \$165,736                  | \$0                        | \$0                        | \$0                        | \$0                           |

South Orange County Wastewater Authority  
Large Capital Projects FY22-23

| Line | PC 02 J B Latham   | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 54   | Effluent PS Storage and Staging Area   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$250,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 55   | 32226L-000 - Effluent Pump Station Upgrades (non electrical)                   | \$0                  | \$0               | \$0                                | \$375,000                       | \$375,000                        | \$93,750                      | \$93,750                      | \$93,750                      | \$93,750                      | \$2,125,000                | \$0                        | \$0                        | \$0                        | \$0                           |
| 56   | 3253-000 Effluent System Valves Replacement (2107)                             | \$0                  | \$0               | \$0                                | \$100,000                       | \$100,000                        | \$25,000                      | \$25,000                      | \$25,000                      | \$25,000                      | \$100,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 57   | Buried Digester and Flare Gasline Replacement                                  | \$0                  | \$0               | \$0                                | \$50,000                        | \$50,000                         | \$12,500                      | \$12,500                      | \$12,500                      | \$12,500                      | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 58   | Scum Line Replacement  | \$0                  | \$0               | \$0                                | \$25,000                        | \$25,000                         | \$6,250                       | \$6,250                       | \$6,250                       | \$6,250                       | \$25,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 59   | JBL Heat exchanger #4 pipe replacement (thinning pipe)                         | \$0                  | \$0               | \$0                                | \$75,000                        | \$75,000                         | \$18,750                      | \$18,750                      | \$18,750                      | \$18,750                      | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 60   | Process Water Repiping (system full of shells)                                 | \$0                  | \$0               | \$0                                | \$50,000                        | \$50,000                         | \$12,500                      | \$12,500                      | \$12,500                      | \$12,500                      | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 61   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 62   | 2022 Misc. Roof Rehabilitations (L/S/C)  | \$0                  | \$0               | \$0                                | \$997,000                       | \$997,000                        | \$249,250                     | \$249,250                     | \$249,250                     | \$249,250                     | \$2,517,000                | \$0                        | \$0                        | \$0                        | \$0                           |
| 63   | Plant 2 Headworks Roof #25 and Plant 1 Blower Building                         | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$500,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 64   | Building #65   | \$0                  | \$0               | \$0                                | \$75,000                        | \$75,000                         | \$18,750                      | \$18,750                      | \$18,750                      | \$18,750                      | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 65   | 2337 Administration Building Roof Reconstruction                               | \$0                  | \$0               | \$0                                | \$207,000                       | \$207,000                        | \$51,750                      | \$51,750                      | \$51,750                      | \$51,750                      | \$207,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 66   | 32225S-000 - JBL Energy Building Upgrades - Solids                             | \$0                  | \$0               | \$0                                | \$465,000                       | \$465,000                        | \$116,250                     | \$116,250                     | \$116,250                     | \$116,250                     | \$1,395,000                | \$0                        | \$0                        | \$0                        | \$0                           |
| 67   | 32225C-000 - JBL Energy Building Upgrades - Common                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$340,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 68   | 3216-000 - Hoist System for Maintenance Shop (2013)                            | -\$1                 | \$0               | -\$1                               | \$250,000                       | \$250,000                        | \$62,500                      | \$62,500                      | \$62,500                      | \$62,500                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 69   | 3216-998 - Hoist System for Maintenance Shop (2013)-Salaries                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 70   | 3216-999 - Hoist System for Maintenance Shop (2013)-Fringe                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 71   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 72   | 4203-000 Plant Hydraulic Model and Flow Management Plan                        | \$0                  | \$155,000         | \$2,029                            | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 73   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 74   | 2022 -2023 Assessments   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$1,020,445                | \$0                        | \$0                        | \$0                        | \$0                           |
| 75   | 4201-000 - JBL Plant 1 Blower Building Condition Assessment                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 76   | 4209-000 Plant 1 Influent Sewer Condition Assessment                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$86,229                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 77   | 4210-000 Plant 1 Bypass Sewer Condition Assessment                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$40,578                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 78   | 2095 Capistrano Beach Influent Sewer Condition Assessment                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 79   | 42231L-000 Influent Flow Metering Evaluation                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,922                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 80   | 42213L-000 Dana Point Influent Sewer Condition Assessment                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 81   | 2067 Plant 2 Headworks Condition Assessment                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$51,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 82   | 2069 Plant 2 Blower Building Condition Assessment                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$63,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 83   | Plant 1 and 2 Grit Assessment  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 84   | 42221C-000 Site Storage Evaluation   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$61,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 85   | 42222C-000 Electrical Conduit and Cable Master Plan                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$60,975                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 86   | 52221C-000 Arc Flash 5-Year Update   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$8,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 87   | 52222C-000 NFPA 70 Classification Mapping                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$30,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 88   | 52223C-000 DHS Facility Compliance Review                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$35,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 89   | 42233C-000 Buried Utility Master Plan  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$157,011                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 90   | 2335 Administration Building Condition Assessment                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$29,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 91   | 2336 Administration Building Spatial Evaluation                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$46,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 92   | 42231C-000 Chlorine Building and Storm Water Pump Station Condition Assessment | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$51,730                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 93   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 94   | SCR Blower   | \$0                  | \$0               | \$0                                | \$100,000                       | \$100,000                        | \$100,000                     | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 95   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 96   | 3209-000 - Facility Improvements - Co-Generation Rep. (2016)                   | \$92,041             | \$0               | \$0                                | \$5,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 97   | 3209-001 - Facility Improvements - Co-Generation Rep. (2016)-Planning          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 98   | 3209-004 - Facility Improvements - Co-Generation Rep. (2016)-Project Ma        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 99   | 3209-998 - Facility Improvements - Co-Generation Rep. (2016)-Salaries          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 100  | 3209-999 - Facility Improvements - Co-Generation Rep. (2016)-Fringe            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 101  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 102  | Centrate Line Project  | -\$12,074            | \$0               | -\$12,074                          | \$300,000                       | \$312,074                        | \$112,074                     | \$200,000                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 103  | 3222-000 - Centrate System Design (2019)                                       | -\$5,721             | \$0               | -\$12,074                          | \$0                             | \$12,074                         | \$12,074                      | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 104  | 3222-998 - Centrate System Design (2019) (Salary)                              | -\$3,830             | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 105  | 3222-999 - Centrate System Design (2019) (Fringe)                              | -\$2,523             | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 106  | 3234-000 Centrate Piping Reconstruction (2021)                                 | \$0                  | \$0               | \$0                                | \$300,000                       | \$300,000                        | \$100,000                     | \$200,000                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |

South Orange County Wastewater Authority  
Large Capital Projects FY22-23

| Line | PC 02 J B Latham  | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 107  |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 108  | 2024 Solids Rehabilitation Project  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$5,851,280                | \$8,000,000                | \$0                        | \$0                           |
| 109  | 32224S Dewatering System, Truck Loading Area, and MCC 2 & CF Reconstruction | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$1,500,000                | \$1,500,000                | \$0                        | \$0                           |
| 110  | 32231S-000 - Gas Flare Replacement  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$1,037,790                | \$500,000                  | \$0                        | \$0                           |
| 111  | 2321 Odor Control Scrubber No.2 Replacement                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$1,000,000                | \$1,000,000                | \$0                        | \$0                           |
| 112  | 2540 Dewatering System Replacement  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$516,000                  | \$5,000,000                | \$0                        | \$0                           |
| 113  | 2522 DAF Polymer System Upgrade   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$741,000                  | \$0                        | \$0                        | \$0                           |
| 114  | 2534 Buried Digester Piping Reconstruction                                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$806,490                  | \$0                        | \$0                        | \$0                           |
| 115  | 2523 Dewatering Polymer System Upgrade                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$250,000                  | \$0                        | \$0                        | \$0                           |
| 116  |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 117  | 2025 Plant 1 Liquids Rehabilitation Project                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$9,928,496                | \$6,818,802                | \$0                           |
| 118  | 2055 Plant 1 Headworks Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$1,006,000                | \$1,000,000                | \$0                           |
| 119  | 32233L-000 Plant 1 Grit Handling (2057)                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$276,864                  | \$0                        | \$0                           |
| 120  | 2051 Influent Diversion Structure Upgrade                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$473,000                  | \$0                        | \$0                           |
| 121  | 2080 Odor Control Scrubber No.3 Installation                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$196,000                  | \$0                        | \$0                           |
| 122  | 2081 Sodium Hypochlorite System Reconstruction                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$720,000                  | \$0                        | \$0                           |
| 123  | 2090 Odor Control Scrubber No.1 Replacement                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$1,127,000                | \$0                           |
| 124  | 2101 Effluent Pump VFD Replacement  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$327,000                  | \$0                        | \$0                           |
| 125  | 2521 Odor Control Scrubber No.4 Installation                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$171,000                  | \$0                        | \$0                           |
| 126  | 2060 Plant 1 Raw Sewage Pump Station Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$1,691,802                | \$0                           |
| 127  | 2061 Plant 1 Raw Sewage Pump VFD Upgrade                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$166,404                  | \$0                        | \$0                           |
| 128  | 2062 Plant 1 RAS and WAS Pump System Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$1,164,736                | \$0                        | \$0                           |
| 129  | 2063 Plant 1 Primary Sludge Pumping Upgrade                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$676,899                  | \$0                        | \$0                           |
| 130  | 2096 Plant 1 Liquids Buried Piping Reconstruction                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$400,000                  | \$0                        | \$0                           |
| 131  | 2064 Plant 1 Aeration Blower System Replacement                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$525,000                  | \$0                        | \$0                           |
| 132  | 32221L Plant 1 Grit, MCC A-1, & Blower Building Upgrades                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$3,256,220                | \$3,000,000                | \$0                           |
| 133  | 2065 MCC-A-1 Replacement  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$569,372                  | \$0                        | \$0                           |
| 134  |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 135  | SC-02L PC 2 Liquids Small Cap   | \$0                  | \$392,000         | \$0                                | \$392,000                       | \$392,000                        | \$98,000                      | \$98,000                      | \$98,000                      | \$98,000                      | \$392,000                  | \$392,000                  | \$392,000                  | \$392,000                  | \$1,960,000                   |
| 136  | SC-02C PC 2 Common Small Cap  | \$0                  | \$140,000         | \$0                                | \$140,000                       | \$140,000                        | \$35,000                      | \$35,000                      | \$35,000                      | \$35,000                      | \$140,000                  | \$140,000                  | \$140,000                  | \$140,000                  | \$700,000                     |
| 137  | SC-02S PC 2 Solids Small Cap  | \$0                  | \$153,000         | \$0                                | \$153,000                       | \$153,000                        | \$38,250                      | \$38,250                      | \$38,250                      | \$38,250                      | \$153,000                  | \$153,000                  | \$153,000                  | \$153,000                  | \$765,000                     |
| 138  |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 139  | Updated TYCIP   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 140  | 2529 MCC B Replacement  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$418,260                     |
| 141  | 2333 Chlorine Building Rehabilitation                                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$240,280                     |
| 142  | 2340 Plant Water Pump Station Reconstruction                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$647,701                     |
| 143  | 2341 Non-Potable Water Pump Station Reconstruction                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$633,742                     |
| 144  | 2347 Storm Water Pump Station Reconstruction                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$377,246                     |
| 145  | 2068 Plant 2 Headworks Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$573,659                     |
| 146  | 2070 Plant 2 Blower Building Structural and Infrastructure Upgrade          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$495,503                     |
| 147  | 2071 Plant 2 Raw Sewage Pump Station Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$982,765                     |
| 148  | 2072 Plant 2 Raw Sewage Pump VFD Upgrade                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$189,501                     |
| 149  | 2073 Plant 2 RAS and WAS Pump System Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$870,133                     |
| 150  | 2074 Plant 2 Primary Sludge Pumping Upgrade                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$513,829                     |
| 151  | 2076 Plant 2 Meter Vault Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$326,300                     |
| 152  | 2077 Plant 2 Grit Handling Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$689,968                     |
| 153  | 2520 Ferric Chloride System Reconstruction                                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$776,400                     |
| 154  | 2097 Plant 2 Liquids Buried Piping Reconstruction                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$689,318                     |
| 155  | 32225L Plant 2 Primary Sedimentation Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,317,006                   |
| 156  | 32226L Plant 2 Secondary Sedimentation Upgrade                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,281,996                   |
| 157  | 2052 Bypass Flow Installation   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$641,579                     |
| 158  | 2351 Buried Drainage Pipe Reconstruction                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$632,146                     |
| 159  | 2085 Effluent Pump Station Rehabilitation                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$353,719                     |



South Orange County Wastewater Authority  
 Large Capital Projects FY22-23

| Line | PC 02 J B Latham   | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 160  | 2086 Effluent Pump Reconstruction                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,589,511                   |
| 161  | 2087 Effluent Pump Station Standby Power Generator Replacement | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$610,542                     |
| 162  | 2078 Scum Pump Station Upgrade                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$700,000                     |
| 163  | 2088 Effluent Pipeline Condition Assessment                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$300,000                     |
| 164  | 2089 Effluent Flow Metering Evaluation                         | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$100,000                     |
| 165  | 32222L Aeration Basin Drainage Pumps                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$450,000                     |
| 166  | 3227-000 Package D Design Liquids                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 167  | 2350 Buried Water Pipe Reconstruction                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,305,920                   |
| 168  | 2346 Storage Building Replacement                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$500,000                     |
| 169  | 2343 SCADA System Upgrade Project/1st Phase                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$583,944                     |
| 170  | 2075 Plant 2 Emergency Generator                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$490,162                     |
| 171  | 2345 Site Pavement Reconstruction                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$931,500                     |
| 172  | 2353 Perimeter Fencing Replacement                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$608,337                     |
| 173  | 2524 MCC D Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$371,517                     |
| 174  | 2537 Digester 5 Construction                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$10,148,252                  |
| 175  | 2528 Digested Sludge Pump Station Upgrade                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$374,807                     |
| 176  | 2526 Anaerobic Digester No.3 and No.4 Mechanical Upgrade       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,000,000                   |
| 177  | 2525 Anaerobic Digester No.1 and No.2 Mechanical Upgrade       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$3,701,940                   |
| 178  | 2531 Solids Conveyor Replacement                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$181,000                     |
| 179  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 180  | Total  | \$2,654,634          | \$6,292,000       | \$3,114,684                        | \$8,640,950                     | \$5,523,570                      | \$1,575,123                   | \$1,206,180                   | \$1,936,087                   | \$806,180                     | \$7,459,180                | \$6,536,280                | \$18,613,496               | \$7,503,802                | \$43,023,481                  |

# ATTACHMENT 2A-4

Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for PC2  
– JBL

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 02 J B Latham  | Project ID  | Allocation | 16     | 17     | 18           | 19     | 20     | 21     | 22           | 23           | 24           | Total          |
|------|---|-------------|------------|--------|--------|--------------|--------|--------|--------|--------------|--------------|--------------|----------------|
|      |   |             |            | CLB    | CSC    | CSJC         | ETWD   | EBSD   | IRWD   | MNWD         | SMWD         | SCWD         |                |
| 1    | Package B   | multi       | L/C/S      | \$0.00 | \$0.00 | \$269,108.66 | \$0.00 | \$0.00 | \$0.00 | \$201,853.36 | \$151,390.02 | \$252,229.24 | \$874,581.28   |
| 2    | 3202-000 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 3    | 3202-998 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 4    | 3202-999 - Preliminary and Primary Treatment Improvements Design (2016)         | 3202        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 5    | 3253-000 - Effluent System Valves Replacement (2107)                            | 3253        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 6    | 3253-998 - Effluent System Valves Replacement (2107)                            | 3253        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 7    | 3253-999 - Effluent System Valves Replacement (2107)                            | 3253        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 8    | 3254-000 - Additional Package B Liquids Design (2017)                           | 3254        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 9    | 3254-998 - Additional Package B Liquids Design (2017)-Salaries                  | 3254        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 10   | 3254-999 - Additional Package B Liquids Design (2017)-Fringe                    | 3254        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 11   | 3280-000 - Facility Improvements B - Basin Upgrades (2018)                      | 3280        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 12   | 3280-998 - Facility Improvements B - Basin Upgrades (2018) (Salary)             | 3280        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 13   | 3280-999 - Facility Improvements B - Basin Upgrades (2018) (Fringe)             | 3280        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 14   | 3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)       | 3220        | Liquids    | \$0.00 | \$0.00 | \$269,108.66 | \$0.00 | \$0.00 | \$0.00 | \$201,853.36 | \$151,390.02 | \$252,229.24 | \$874,581.28   |
| 15   | 3220-998 - Facility Improvements B - Basin Upgrades Construction I -sal         | 3220        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 16   | 3220-999 - Facility Improvements B - Basin Upgrades Construction I -fri         | 3220        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 17   | 32211L-000 - Plant 2 Grit Area Rehabilitation                                   | 32211L      | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 18   | 32212L-000 - Primary Tank Covers Replacements                                   | 32212L      | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 19   | 3231-000 Facility Improvements B - Common Upgrades Construction                 | 3231        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 20   | 3231-998 - Facility Improvements B - Common Upgrades Construction -Sala         | 3231        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 21   | 3231-999 - Facility Improvements B - Common Upgrades Construction -Frin         | 3231        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 22   | 3224-000 - Digester No.4 Rehabilitation (2019)                                  | 3224        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 23   | 3224-998 - Digester No.4 Rehabilitation (2019) - Salary                         | 3224        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 24   | 3224-999 - Digester No.4 Rehabilitation (2019) - Fringe                         | 3224        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 25   | 3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements     | 3287        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 26   | 3287-998 - Facility Improvements B - DAFT and Ancillary Solids (Salary)         | 3287        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 27   | 3287-999 - Facility Improvements B - DAFT and Ancillary Solids (Fringe)         | 3287        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 28   | 3223-000 - Emulsion Polymer Feeder Replacement (2019)                           | 3223        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 29   | 3223-998 - Emulsion Polymer Feeder Replacement (2019) (Salary)                  | 3223        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 30   | 3223-999 - Emulsion Polymer Feeder Replacement (2019) (Fringe)                  | 3223        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 31   | 3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement      | 3225        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 32   | 3225-998 - Facility Improvements B - DAFT and Ancillary Solids - Salary         | 3225        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 33   | 3225-999 - Facility Improvements B - DAFT and Ancillary Solids - Fringe         | 3225        | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 34   |   |             |            |        |        |              |        |        |        |              |              |              |                |
| 35   | 3221-000 - Electrical System Evaluation (2019)                                  | 3221        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 36   | 3221-998 - Electrical System Evaluation (2019) (Salary)                         | 3221        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 37   | 3221-999 - Electrical System Evaluation (2019) (Fringe)                         | 3221        | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| 38   |   |             |            |        |        |              |        |        |        |              |              |              |                |
| 39   | 2022 Plant 1 Electrical Rehabilitation  | multi       | Liquids    | \$0.00 | \$0.00 | \$456,332.36 | \$0.00 | \$0.00 | \$0.00 | \$342,286.34 | \$256,714.76 | \$427,709.63 | \$1,483,043.09 |
| 40   | 32228L MCC M Replacement  | 32228L/3215 | Liquids    | \$0.00 | \$0.00 | \$106,198.54 | \$0.00 | \$0.00 | \$0.00 | \$79,657.53  | \$59,743.15  | \$99,537.40  | \$345,136.62   |
| 41   | 3215-998 - Motor Control Center M Replacement Design (2019) - Salary            | 32228L/3215 | Liquids    | \$0.00 | \$0.00 | \$1,538.50   | \$0.00 | \$0.00 | \$0.00 | \$1,154.00   | \$865.50     | \$1,442.00   | \$5,000.00     |
| 42   | 3215-999 - Motor Control Center M Replacement Design (2019) - Fringe            | 32228L/3215 | Liquids    | \$0.00 | \$0.00 | \$923.10     | \$0.00 | \$0.00 | \$0.00 | \$692.40     | \$519.30     | \$865.20     | \$3,000.00     |
| 43   | 3252-000 - Plant 1 Standby Power Generator Repl (2017)                          | 3252        | Liquids    | \$0.00 | \$0.00 | \$152,282.72 | \$0.00 | \$0.00 | \$0.00 | \$114,224.41 | \$85,668.31  | \$142,731.03 | \$494,906.47   |
| 44   | 3252-998 - Plant 1 Standby Power Generator Replacement (2017)                   | 3252        | Liquids    | \$0.00 | \$0.00 | \$1,846.20   | \$0.00 | \$0.00 | \$0.00 | \$1,384.80   | \$1,038.60   | \$1,730.40   | \$6,000.00     |
| 45   | 3252-999 - Plant 1 Standby Power Generator                                      | 3252        | Liquids    | \$0.00 | \$0.00 | \$615.40     | \$0.00 | \$0.00 | \$0.00 | \$461.60     | \$346.20     | \$576.80     | \$2,000.00     |
| 46   | MCC G Replacement   | NEED        | Liquids    | \$0.00 | \$0.00 | \$116,002.90 | \$0.00 | \$0.00 | \$0.00 | \$87,011.60  | \$65,258.70  | \$108,726.80 | \$377,000.00   |
| 47   | Effluent PS Electrical Rehabilitation   | NEED        | Liquids    | \$0.00 | \$0.00 | \$76,925.00  | \$0.00 | \$0.00 | \$0.00 | \$57,700.00  | \$43,275.00  | \$72,100.00  | \$250,000.00   |
| 48   |   |             |            |        |        |              |        |        |        |              |              |              |                |
| 49   | 2022 Misc Gates and Pipe Rehabilitation (L/S)                                   | multi       | Liquids    | \$0.00 | \$0.00 | \$328,469.86 | \$0.00 | \$0.00 | \$0.00 | \$244,832.94 | \$204,910.96 | \$293,657.74 | \$1,071,871.50 |
| 50   | 3285-000 - Main Plant Drain Line Reconstruction (2018)                          | 3285        | Liquids    | \$0.00 | \$0.00 | \$68,658.95  | \$0.00 | \$0.00 | \$0.00 | \$51,499.79  | \$38,624.84  | \$64,352.42  | \$223,136.00   |
| 51   | 3285-998 - Main Plant Drain Line Reconstruction (2018) (Salary)                 | 3285        | Liquids    | \$0.00 | \$0.00 | \$1,538.50   | \$0.00 | \$0.00 | \$0.00 | \$1,154.00   | \$865.50     | \$1,442.00   | \$5,000.00     |
| 52   | 3285-999 - Main Plant Drain Line Reconstruction (2018) (Fringe)                 | 3285        | Liquids    | \$0.00 | \$0.00 | \$923.10     | \$0.00 | \$0.00 | \$0.00 | \$692.40     | \$519.30     | \$865.20     | \$3,000.00     |
| 53   | 32234L-000 Chlorine Contact Basin Isolation Gates and Structural Rehabilitation | 32224L      | Liquids    | \$0.00 | \$0.00 | \$50,996.81  | \$0.00 | \$0.00 | \$0.00 | \$38,251.75  | \$28,688.82  | \$47,798.12  | \$165,735.50   |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 02 J B Latham   | Project ID | Allocation | 16     | 17     | 18           | 19     | 20     | 21     | 22           | 23           | 24           | Total        |
|------|--|------------|------------|--------|--------|--------------|--------|--------|--------|--------------|--------------|--------------|--------------|
|      |  |            |            | CLB    | CSC    | CSJC         | ETWD   | EBSD   | IRWD   | MNWD         | SMWD         | SCWD         |              |
| 54   | Effluent PS Storage and Staging Area   | NEED       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 55   | 32226L-000 - Effluent Pump Station Upgrades (non electrical)                   | 32226L     | Liquids    | \$0.00 | \$0.00 | \$115,387.50 | \$0.00 | \$0.00 | \$0.00 | \$86,550.00  | \$64,912.50  | \$108,150.00 | \$375,000.00 |
| 56   | 3253-000 Effluent System Valves Replacement (2107)                             | NEED       | Liquids    | \$0.00 | \$0.00 | \$30,770.00  | \$0.00 | \$0.00 | \$0.00 | \$23,080.00  | \$17,310.00  | \$28,840.00  | \$100,000.00 |
| 57   | Buried Digester and Flare Gasline Replacement                                  | NEED       | Solids     | \$0.00 | \$0.00 | \$15,000.00  | \$0.00 | \$0.00 | \$0.00 | \$10,810.00  | \$14,190.00  | \$10,000.00  | \$50,000.00  |
| 58   | Scum Line Replacement  | NEED       | Solids     | \$0.00 | \$0.00 | \$7,500.00   | \$0.00 | \$0.00 | \$0.00 | \$5,405.00   | \$7,095.00   | \$5,000.00   | \$25,000.00  |
| 59   | JBL Heat exchanger #4 pipe replacement (thinning pipe)                         | NEED       | Solids     | \$0.00 | \$0.00 | \$22,500.00  | \$0.00 | \$0.00 | \$0.00 | \$16,215.00  | \$21,285.00  | \$15,000.00  | \$75,000.00  |
| 60   | Process Water Repiping (system full of shells)                                 | NEED       | Common     | \$0.00 | \$0.00 | \$15,195.00  | \$0.00 | \$0.00 | \$0.00 | \$11,175.00  | \$11,420.00  | \$12,210.00  | \$50,000.00  |
| 61   |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 62   | 2022 Misc. Roof Rehabilitations (L/S/C)  | multi      | L/C/S      | \$0.00 | \$0.00 | \$300,882.30 | \$0.00 | \$0.00 | \$0.00 | \$218,887.50 | \$257,630.80 | \$219,599.40 | \$997,000.00 |
| 63   | Plant 1 Headworks Roof #31   | NEED       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 64   | Building #65   | NEED       | Solids     | \$0.00 | \$0.00 | \$22,500.00  | \$0.00 | \$0.00 | \$0.00 | \$16,215.00  | \$21,285.00  | \$15,000.00  | \$75,000.00  |
| 65   | 2337 Administration Building Roof Reconstruction                               | 2337       | Common     | \$0.00 | \$0.00 | \$62,907.30  | \$0.00 | \$0.00 | \$0.00 | \$46,264.50  | \$47,278.80  | \$50,549.40  | \$207,000.00 |
| 66   | 32225S-000 - JBL Energy Building Upgrades - Solids                             | 32225S     | Solids     | \$0.00 | \$0.00 | \$139,500.00 | \$0.00 | \$0.00 | \$0.00 | \$100,533.00 | \$131,967.00 | \$93,000.00  | \$465,000.00 |
| 67   | 32225C-000 - JBL Energy Building Upgrades - Common                             | 32225C     | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 68   | 3216-000 - Hoist System for Maintenance Shop (2013)                            | 3216       | Common     | \$0.00 | \$0.00 | \$75,975.00  | \$0.00 | \$0.00 | \$0.00 | \$55,875.00  | \$57,100.00  | \$61,050.00  | \$250,000.00 |
| 69   | 3216-998 - Hoist System for Maintenance Shop (2013)-Salaries                   | 3216       | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 70   | 3216-999 - Hoist System for Maintenance Shop (2013)-Fringe                     | 3216       | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 71   |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 72   | 4203-000 Plant Hydraulic Model and Flow Management Plan                        | 4203       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 73   |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 74   | 2022 -2023 Assessments   | multi      | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 75   | 4201-000 - JBL Plant 1 Blower Building Condition Assessment                    | 4201       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 76   | 4209-000 Plant 1 Influent Sewer Condition Assessment                           | 4209       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 77   | 4210-000 Plant 1 Bypass Sewer Condition Assessment                             | 4210       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 78   | 2095 Capistrano Beach Influent Sewer Condition Assessment                      | 2095       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 79   | 42231L-000 Influent Flow Metering Evaluation                                   | 42231L     | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 80   | 42213L-000 Dana Point Influent Sewer Condition Assessment                      | 42213L     | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 81   | 2067 Plant 2 Headworks Condition Assessment                                    | 2067       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 82   | 2069 Plant 2 Blower Building Condition Assessment                              | 2069       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 83   | Plant 1 and 2 Grit Assessment  | NEW        | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 84   | 42221C-000 Site Storage Evaluation   | 42221C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 85   | 42222C-000 Electrical Conduit and Cable Master Plan                            | 42222C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 86   | 52221C-000 Arc Flash 5-Year Update   | 52221C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 87   | 52222C-000 NFPA 70 Classification Mapping                                      | 52222C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 88   | 52223C-000 DHS Facility Compliance Review                                      | 52223C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 89   | 42233C-000 Buried Utility Master Plan  | 42233C     | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 90   | 2335 Administration Building Condition Assessment                              | 2335       | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 91   | 2336 Administration Building Spatial Evaluation                                | 2336       | Common     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 92   | 42231C-000 Chlorine Building and Storm Water Pump Station Condition Assessment | 42231C     | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 93   |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 94   | SCR Blower   | New        | Solids     | \$0.00 | \$0.00 | \$30,000.00  | \$0.00 | \$0.00 | \$0.00 | \$21,620.00  | \$28,380.00  | \$20,000.00  | \$100,000.00 |
| 95   |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 96   | 3209-000 - Facility Improvements - Co-Generation Rep. (2016)                   | 3209       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 97   | 3209-001 - Facility Improvements - Co-Generation Rep. (2016)-Planning          | 3209       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 98   | 3209-004 - Facility Improvements - Co-Generation Rep. (2016)-Project Ma        | 3209       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 99   | 3209-998 - Facility Improvements - Co-Generation Rep. (2016)-Salaries          | 3209       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 100  | 3209-999 - Facility Improvements - Co-Generation Rep. (2016)-Fringe            | 3209       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 101  |  |            |            |        |        |              |        |        |        |              |              |              |              |
| 102  | Centrate Line Project  | multi      | Solids     | \$0.00 | \$0.00 | \$93,622.23  | \$0.00 | \$0.00 | \$0.00 | \$67,470.42  | \$88,566.63  | \$62,414.82  | \$312,074.10 |
| 103  | 3222-000 - Centrate System Design (2019)                                       | 3222       | Solids     | \$0.00 | \$0.00 | \$3,622.23   | \$0.00 | \$0.00 | \$0.00 | \$2,610.42   | \$3,426.63   | \$2,414.82   | \$12,074.10  |
| 104  | 3222-998 - Centrate System Design (2019) (Salary)                              | 3222       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 105  | 3222-999 - Centrate System Design (2019) (Fringe)                              | 3222       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00       | \$0.00       | \$0.00       |
| 106  | 3234-000 Centrate Piping Reconstruction (2021)                                 | 3234       | Solids     | \$0.00 | \$0.00 | \$90,000.00  | \$0.00 | \$0.00 | \$0.00 | \$64,860.00  | \$85,140.00  | \$60,000.00  | \$300,000.00 |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 02 J B Latham  | Project ID | Allocation | 16     | 17     | 18           | 19     | 20     | 21     | 22          | 23          | 24           | Total        |
|------|---|------------|------------|--------|--------|--------------|--------|--------|--------|-------------|-------------|--------------|--------------|
|      |   |            |            | CLB    | CSC    | CSJC         | ETWD   | EBSD   | IRWD   | MNWD        | SMWD        | SCWD         |              |
| 107  |   |            |            |        |        |              |        |        |        |             |             |              |              |
| 108  | 2024 Solids Rehabilitation Project  | multi      | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 109  | 32224S Dewatering System, Truck Loading Area, and MCC 2 & CF Reconstruction | 32224S     | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 110  | 32231S-000 - Gas Flare Replacement  | 32231S     | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 111  | 2321 Odor Control Scrubber No.2 Replacement                                 | 2321       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 112  | 2540 Dewatering System Replacement  | 2540       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 113  | 2522 DAF Polymer System Upgrade   | 2522       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 114  | 2534 Buried Digester Piping Reconstruction                                  | 2534       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 115  | 2523 Dewatering Polymer System Upgrade                                      | 2523       | Solids     | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 116  |   |            |            |        |        |              |        |        |        |             |             |              |              |
| 117  | 2025 Plant 1 Liquids Rehabilitation Project                                 | Multi      | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 118  | 2055 Plant 1 Headworks Upgrade  | 2055       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 119  | 32233L-000 Plant 1 Grit Handling (2057)                                     | 32233L     | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 120  | 2051 Influent Diversion Structure Upgrade                                   | 2051       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 121  | 2080 Odor Control Scrubber No.3 Installation                                | 2080       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 122  | 2081 Sodium Hypochlorite System Reconstruction                              | 2081       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 123  | 2090 Odor Control Scrubber No.1 Replacement                                 | 2090       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 124  | 2101 Effluent Pump VFD Replacement  | 2101       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 125  | 2521 Odor Control Scrubber No.4 Installation                                | 2521       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 126  | 2060 Plant 1 Raw Sewage Pump Station Upgrade                                | 2060       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 127  | 2061 Plant 1 Raw Sewage Pump VFD Upgrade                                    | 2061       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 128  | 2062 Plant 1 RAS and WAS Pump System Upgrade                                | 2062       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 129  | 2063 Plant 1 Primary Sludge Pumping Upgrade                                 | 2063       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 130  | 2096 Plant 1 Liquids Buried Piping Reconstruction                           | 2096       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 131  | 2064 Plant 1 Aeration Blower System Replacement                             | 2064       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 132  | 32221L Plant 1 Grit, MCC A-1, & Blower Building Upgrades                    | 32221L     | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 133  | 2065 MCC-A-1 Replacement  | 2065       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 134  |   |            |            |        |        |              |        |        |        |             |             |              |              |
| 135  | SC-02L PC 2 Liquids Small Cap   | SC-02L     | Liquids    | \$0.00 | \$0.00 | \$120,618.40 | \$0.00 | \$0.00 | \$0.00 | \$90,473.60 | \$67,855.20 | \$113,052.80 | \$392,000.00 |
| 136  | SC-02C PC 2 Common Small Cap  | SC-02C     | Common     | \$0.00 | \$0.00 | \$42,546.00  | \$0.00 | \$0.00 | \$0.00 | \$31,290.00 | \$31,976.00 | \$34,188.00  | \$140,000.00 |
| 137  | SC-02S PC 2 Solids Small Cap  | SC-02S     | Solids     | \$0.00 | \$0.00 | \$45,900.00  | \$0.00 | \$0.00 | \$0.00 | \$33,078.60 | \$43,421.40 | \$30,600.00  | \$153,000.00 |
| 138  |   |            |            |        |        |              |        |        |        |             |             |              |              |
| 139  | Updated TYCIP   |            |            |        |        |              |        |        |        |             |             |              |              |
| 140  | 2529 MCC B Replacement  | 2529       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 141  | 2333 Chlorine Building Rehabilitation                                       | 2333       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 142  | 2340 Plant Water Pump Station Reconstruction                                | 2340       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 143  | 2341 Non-Potable Water Pump Station Reconstruction                          | 2341       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 144  | 2347 Storm Water Pump Station Reconstruction                                | 2347       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 145  | 2068 Plant 2 Headworks Upgrade  | 2068       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 146  | 2070 Plant 2 Blower Building Structural and Infrastructure Upgrade          | 2070       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 147  | 2071 Plant 2 Raw Sewage Pump Station Upgrade                                | 2071       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 148  | 2072 Plant 2 Raw Sewage Pump VFD Upgrade                                    | 2072       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 149  | 2073 Plant 2 RAS and WAS Pump System Upgrade                                | 2073       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 150  | 2074 Plant 2 Primary Sludge Pumping Upgrade                                 | 2074       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 151  | 2076 Plant 2 Meter Vault Upgrade  | 2076       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 152  | 2077 Plant 2 Grit Handling Upgrade  | 2077       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 153  | 2520 Ferric Chloride System Reconstruction                                  | 2520       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 154  | 2097 Plant 2 Liquids Buried Piping Reconstruction                           | 2097       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 155  | 32225L Plant 2 Primary Sedimentation Upgrade                                | NEED       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 156  | 32226L Plant 2 Secondary Sedimentation Upgrade                              | NEED       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 157  | 2052 Bypass Flow Installation   | 2052       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 158  | 2351 Buried Drainage Pipe Reconstruction                                    | 2351       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |
| 159  | 2085 Effluent Pump Station Rehabilitation                                   | 2085       | Liquids    | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00      | \$0.00       | \$0.00       |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 02 J B Latham   | Project ID | Allocation | 16     | 17     | 18             | 19     | 20     | 21     | 22             | 23             | 24             | Total          |
|------|--|------------|------------|--------|--------|----------------|--------|--------|--------|----------------|----------------|----------------|----------------|
|      |  |            |            | CLB    | CSC    | CSJC           | ETWD   | EBSD   | IRWD   | MNWD           | SMWD           | SCWD           |                |
| 160  | 2086 Effluent Pump Reconstruction                              | 2086       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 161  | 2087 Effluent Pump Station Standby Power Generator Replacement | 2087       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 162  | 2078 Scum Pump Station Upgrade                                 | 2078       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 163  | 2088 Effluent Pipeline Condition Assessment                    | 2088       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 164  | 2089 Effluent Flow Metering Evaluation                         | 2089       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 165  | 32222L Aeration Basin Drainage Pumps                           | 32222L     | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 166  | 3227-000 Package D Design Liquids                              | 3227       | Liquids    | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 167  | 2350 Buried Water Pipe Reconstruction                          | 2350       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 168  | 2346 Storage Building Replacement                              | 2346       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 169  | 2343 SCADA System Upgrade Project/1st Phase                    | 2343       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 170  | 2075 Plant 2 Emergency Generator                               | 2075       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 171  | 2345 Site Pavement Reconstruction                              | 2345       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 172  | 2353 Perimeter Fencing Replacement                             | 2353       | Common     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 173  | 2524 MCC D Replacement   | 2524       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 174  | 2537 Digester 5 Construction                                   | 2537       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 175  | 2528 Digested Sludge Pump Station Upgrade                      | 2528       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 176  | 2526 Anaerobic Digester No.3 and No.4 Mechanical Upgrade       | 2526       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 177  | 2525 Anaerobic Digester No.1 and No.2 Mechanical Upgrade       | 2525       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 178  | 2531 Solids Conveyor Replacement                               | 2531       | Solids     | \$0.00 | \$0.00 | \$0.00         | \$0.00 | \$0.00 | \$0.00 | \$0.00         | \$0.00         | \$0.00         | \$0.00         |
| 179  |  |            |            |        |        |                |        |        |        |                |                |                |                |
| 180  | Total  |            | L/S/C      | \$0.00 | \$0.00 | \$1,687,479.81 | \$0.00 | \$0.00 | \$0.00 | \$1,251,792.77 | \$1,130,845.76 | \$1,453,451.63 | \$5,523,569.97 |

**ATTACHMENT 2A-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC2 – JBL**

|                               | CLB | CSC | CSJC         | ETWD | EBSD | IRWD | MNWD         | SMWD         | SCWD         | Total        |
|-------------------------------|-----|-----|--------------|------|------|------|--------------|--------------|--------------|--------------|
| Project Committee CIP Summary | PC2 | PC2 | PC2          | PC2  | PC2  | PC2  | PC2          | PC2          | PC2          | PC2          |
| FY22/23 Cash Request          | \$0 | \$0 | \$1,687,480  | \$0  | \$0  | \$0  | \$1,251,793  | \$1,130,846  | \$1,453,452  | \$5,523,570  |
| FY23/24 Cash Request          | \$0 | \$0 | \$2,275,789  | \$0  | \$0  | \$0  | \$1,684,714  | \$1,570,660  | \$1,928,018  | \$7,459,180  |
| FY24/25 Cash Request          | \$0 | \$0 | \$1,970,154  | \$0  | \$0  | \$0  | \$1,430,708  | \$1,721,817  | \$1,413,601  | \$6,536,280  |
| FY25/26 Cash Request          | \$0 | \$0 | \$5,664,062  | \$0  | \$0  | \$0  | \$4,175,939  | \$4,132,275  | \$4,641,219  | \$18,613,496 |
| FY26/27 Cash Request          | \$0 | \$0 | \$2,307,210  | \$0  | \$0  | \$0  | \$1,728,622  | \$1,323,587  | \$2,144,383  | \$7,503,802  |
| Thereafter Cash Request       | \$0 | \$0 | \$13,083,792 | \$0  | \$0  | \$0  | \$9,636,324  | \$9,672,449  | \$10,630,915 | \$43,023,481 |
| Total                         | \$0 | \$0 | \$26,988,487 | \$0  | \$0  | \$0  | \$19,908,099 | \$19,551,634 | \$22,211,589 | \$88,659,809 |



# ATTACHMENT 2B

Project level descriptions for  
each project to be active in  
FY22-23 for PC5 - SJCOO

# FY22-23 Proposed CIP Projects – San Juan Creek Ocean Outfall (Project Committee 5)

| Project Title         | Project# | Current Project Status | Project Justification(s)                       |
|-----------------------|----------|------------------------|--|
| Dilution Study (2016) | 3603-000 | Ongoing                | This is required for the NPDES Permit Renewal. |

Project Elements:

- 1) Consultant data collections and modeling
- 2) Support the NPDES Renewal Process

Project Photo(s):

None

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget |
|-----------|-----------------|----------------------------|--------------------|
| FY15-16   | \$0             | \$75,000                   | \$75,000           |
| FY16-17   | \$75,000        | \$0                        | \$75,000           |
| FY17-18   | \$75,000        | \$0                        | \$75,000           |
| FY18-19   | \$75,000        | \$0                        | \$75,000           |
| FY19-20   | \$75,000        | \$0                        | \$75,000           |
| FY20-21   | \$75,000        | \$0                        | \$75,000           |
| FY21-22   | \$75,000        | \$0                        | \$75,000           |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions /(Reductions) | Proposed FY22-23 Budget |
|----------------|----------------------------|-------------------------|
| \$75,000       | (\$30,000)                 | \$45,000                |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$15,500                 | \$29,500          | \$0               | \$0               | \$0               | \$0               | \$0                  | \$45,000        |

|                                       |
|---------------------------------------|
| Est. Cash<br>Balance<br>on<br>6/30/22 |
| \$59,500                              |

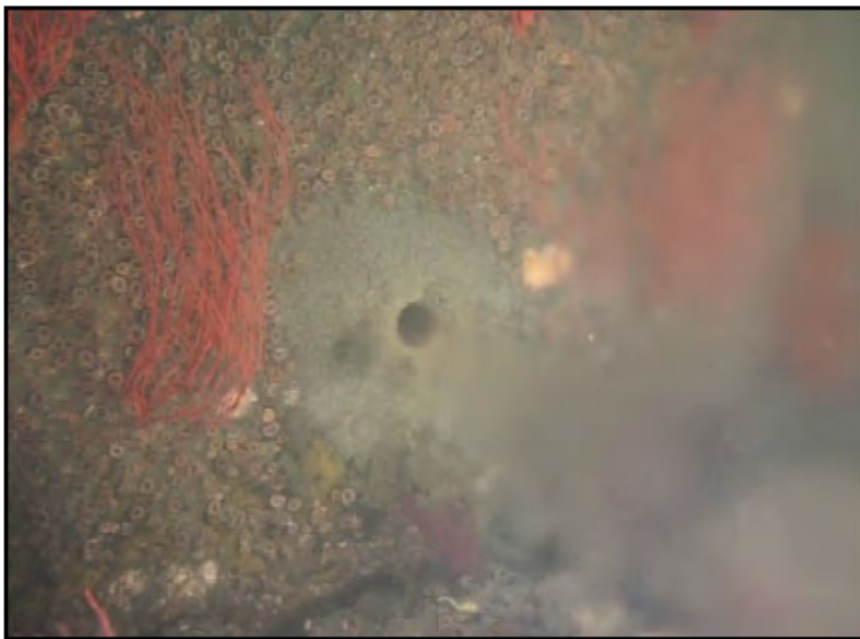
| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est. Cash<br>Request | FY24-25<br>Est. Cash<br>Request | FY25-26<br>Est. Cash<br>Request | FY26-27<br>Est. Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total<br>Cash<br>Request |
|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|--------------------------|
| CSC    | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |
| CSJC   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |
| MNWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |
| SMWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |
| SCWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |
| Total  | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                      |

| Project Title         | Project#   | Current Project Status | Project Justification(s)               |
|-----------------------|------------|------------------------|--|
| Outfall Port Cleaning | 56221O-000 | Ongoing                | This is required for the NPDES Permit. |

Project Elements:

- 1) Retain vendor to inspect and clean outfall discharge ports.

Project Photo(s):



Typical Diffuser Port: Flowing.

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget |
|-----------|-----------------|----------------------------|--------------------|
| FY21-22   | \$0             | \$45,000                   | \$45,000           |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions /(Reductions) | Proposed FY22-23 Budget |
|----------------|----------------------------|-------------------------|
| \$45,000       | \$0                        | \$45,000                |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$45,000                 | \$0               | \$0               | \$0               | \$0               | \$0               | \$0                  | \$45,000        |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| (\$45,000)                   |

| Agency | FY22-23 Est. Cash Request | FY23-24 Est. Cash Request | FY24-25 Est. Cash Request | FY25-26 Est. Cash Request | FY26-27 Est. Cash Request | Thereafter Est. Cash Request | Total Cash Request |
|--------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|--------------------|
| CSC    | \$7,479                   | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$7,479            |
| CSJC   | \$4,986                   | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$4,986            |
| MNWD   | \$6,980                   | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$6,980            |
| SMWD   | \$19,944                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$19,944           |
| SCWD   | \$5,612                   | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$5,612            |
| Total  | \$45,000                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$45,000           |

| Project Title                | Project#                             | Current Project Status | Project Justification(s)   |
|------------------------------|--------------------------------------|------------------------|--|
| Outfall Assessments Projects | 36221O<br>46211O<br>46221O<br>55221L | Planned FY22-23 Start  | Infrastructure assessments are needed to plan future capital improvements. |

Project Elements:

- 1) Surge System Air Valve Replacement Assessment
- 2) Land Outfall Facility Condition Assessment
- 3) Marine Outfall Core Sample and Condition Assessment
- 4) Department of Homeland Security (DHS) Facility Compliance Review

Project Photo(s):

This photo shows the surge tower and the security fencing around the site.



These photos show the air valve that releases air trapped in the Outfall system and also signs of corrosion from the salty ocean air.



Prior year Budgets:

None

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Budget |
|-------------------|-------------------------------|-------------------------------|
| \$0               | \$198,888                     | \$198,888                     |

| Est Actuals<br>Thru<br>6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total<br>Work<br>Plan |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| \$0                            | \$198,888               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$198,888             |

| Est. Cash<br>Balance<br>on<br>6/30/22 |
|---------------------------------------|
| \$0                                   |

| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est. Cash<br>Request | FY24-25<br>Est. Cash<br>Request | FY25-26<br>Est. Cash<br>Request | FY26-27<br>Est. Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total<br>Cash<br>Request |
|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|--------------------------|
| CSC    | \$33,055                        | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$33,055                 |
| CSJC   | \$22,037                        | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$22,037                 |
| MNWD   | \$30,848                        | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$30,848                 |
| SMWD   | \$88,147                        | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$88,147                 |
| SCWD   | \$24,801                        | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$24,801                 |
| Total  | \$198,888                       | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$198,888                |

# ATTACHMENT 2B-1

## PC Budget Table by Project Line Item for PC5 – SJCOO



South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line | PC 05 San Juan Creek Ocean Outfall                               | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| 1    | 3603-000 Dilution Study (2016)                                   | 3603       | Outfall    | \$45,000                | \$15,500                              | \$29,500         | \$29,500       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 2    | 56221O-000 - Outfall Port Cleaning                               | 56221O     | Outfall    | \$45,000                | \$45,000                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 3    |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 4    | <i>Outfall Assessment Project</i>                                | multi      | Outfall    | \$198,888               | \$0                                   | \$198,888        | \$198,888      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 5    | 36221O-000 - Surge System Air Valve Replacement                  | 36221O     | Outfall    | \$39,062                | \$0                                   | \$39,062         | \$39,062       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 6    | 46211O-000 - Land Outfall Facility Condition Assessment          | 46211O     | Outfall    | \$52,326                | \$0                                   | \$52,326         | \$52,326       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 7    | 46221O-000 - Marine Outfall Core Sample and Condition Assessment | 46221O     | Outfall    | \$90,000                | \$0                                   | \$90,000         | \$90,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 8    | 55221L-000 - DHS Facility Compliance Review                      | 55221L     | Outfall    | \$17,500                | \$0                                   | \$17,500         | \$17,500       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 9    |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 10   | 05057 Diffuser Port Duckbill Design                              | 05057      | Outfall    | \$34,040                | \$0                                   | \$34,040         | \$0            | \$0            | \$34,040       | \$0            | \$0            | \$0        |       |
| 11   | 05059 Monitoring Vault Reconstruction                            | 05059      | Outfall    | \$165,000               | \$0                                   | \$165,000        | \$0            | \$0            | \$0            | \$165,000      | \$0            | \$0        |       |
| 12   | 05058 Diffuser Port Duckbill Construction                        | 05058      | Outfall    | \$339,260               | \$0                                   | \$339,260        | \$0            | \$0            | \$0            | \$339,260      | \$0            | \$0        |       |
| 13   | 05060 Outfall Inspection Concept Development                     | 05060      | Outfall    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$0            | \$0            | \$0            | \$75,000       | \$0        |       |
| 14   | 5061 Land Outfall Inspection                                     | 05061      | Outfall    | \$750,000               | \$0                                   | \$750,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$750,000  |       |
| 15   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |       |
| 16   | Total  |            |            | \$1,652,188             | \$60,500                              | \$1,591,688      | \$228,388      | \$0            | \$34,040       | \$504,260      | \$75,000       | \$750,000  |       |

**ATTACHMENT 2B-2**

**PC Planned Cash Request  
Table by Project Line Item  
for PC5 – SJCOO**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 05 San Juan Creek Ocean Outfall                               | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 1    | 3603-000 Dilution Study (2016)                                   | \$59,500             | \$0               | \$59,500                           | \$29,500                        | \$0                              | 0                             | 0                             | 0                             | 0                             | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 2    | 56221O-000 - Outfall Port Cleaning                               | \$0                  | \$0               | -\$45,000                          | \$0                             | \$45,000                         | \$45,000                      | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 3    |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 4    | Outfall Assessment Project                                       | \$0                  | \$0               | \$0                                | \$198,888                       | \$198,888                        | \$49,722                      | \$49,722                      | \$49,722                      | \$49,722                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 5    | 36221O-000 - Surge System Air Valve Replacement                  | \$0                  | \$0               | \$0                                | \$39,062                        | \$39,062                         | \$9,766                       | \$9,766                       | \$9,766                       | \$9,766                       | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 6    | 46211O-000 - Land Outfall Facility Condition Assessment          | \$0                  | \$0               | \$0                                | \$52,326                        | \$52,326                         | \$13,082                      | \$13,082                      | \$13,082                      | \$13,082                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 7    | 46221O-000 - Marine Outfall Core Sample and Condition Assessment | \$0                  | \$0               | \$0                                | \$90,000                        | \$90,000                         | \$22,500                      | \$22,500                      | \$22,500                      | \$22,500                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 8    | 55221L-000 - DHS Facility Compliance Review                      | \$0                  | \$0               | \$0                                | \$17,500                        | \$17,500                         | \$4,375                       | \$4,375                       | \$4,375                       | \$4,375                       | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 9    |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 10   | 05057 Diffuser Port Duckbill Design                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$34,040                   | \$0                        | \$0                        | \$0                           |
| 11   | 05059 Monitoring Vault Reconstruction                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$165,000                  | \$0                        | \$0                           |
| 12   | 05058 Diffuser Port Duckbill Construction                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$339,260                  | \$0                        | \$0                           |
| 13   | 05060 Outfall Inspection Concept Development                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$75,000                   | \$0                           |
| 14   | 5061 Land Outfall Inspection                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$750,000                     |
| 15   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 16   | Total  | \$59,500             | \$0               | \$14,500                           | \$228,388                       | \$243,888                        | \$94,722                      | \$49,722                      | \$49,722                      | \$49,722                      | \$0                        | \$34,040                   | \$504,260                  | \$75,000                   | \$750,000                     |

# ATTACHMENT 2B-3

Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for PC5  
– SJCOO

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

Total Cash Request FY22/23

| Line | PC 05 San Juan Creek Ocean Outfall                               | Project ID | Allocation | 16     | 17          | 18          | 19     | 20     | 21     | 22          | 23           | 24          | Total        |
|------|--|------------|------------|--------|-------------|-------------|--------|--------|--------|-------------|--------------|-------------|--------------|
|      |  |            |            | CLB    | CSC         | CSJC        | ETWD   | EBSD   | IRWD   | MNWD        | SMWD         | SCWD        |              |
| 1    | 3603-000 Dilution Study (2016)                                   | 3603       | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 2    | 56221O-000 - Outfall Port Cleaning                               | 56221O     | Outfall    | \$0.00 | \$7,479.00  | \$4,986.00  | \$0.00 | \$0.00 | \$0.00 | \$6,979.50  | \$19,944.00  | \$5,611.50  | \$45,000.00  |
| 3    |  |            |            |        |             |             |        |        |        |             |              |             |              |
| 4    | Outfall Assessment Project                                       | multi      | Outfall    | \$0.00 | \$33,055.19 | \$22,036.79 | \$0.00 | \$0.00 | \$0.00 | \$30,847.53 | \$88,147.16  | \$24,801.33 | \$198,888.00 |
| 5    | 36221O-000 - Surge System Air Valve Replacement                  | 36221O     | Outfall    | \$0.00 | \$6,492.10  | \$4,328.07  | \$0.00 | \$0.00 | \$0.00 | \$6,058.52  | \$17,312.28  | \$4,871.03  | \$39,062.00  |
| 6    | 46211O-000 - Land Outfall Facility Condition Assessment          | 46211O     | Outfall    | \$0.00 | \$8,696.58  | \$5,797.72  | \$0.00 | \$0.00 | \$0.00 | \$8,115.76  | \$23,190.88  | \$6,525.05  | \$52,326.00  |
| 7    | 46221O-000 - Marine Outfall Core Sample and Condition Assessment | 46221O     | Outfall    | \$0.00 | \$14,958.00 | \$9,972.00  | \$0.00 | \$0.00 | \$0.00 | \$13,959.00 | \$39,888.00  | \$11,223.00 | \$90,000.00  |
| 8    | 55221L-000 - DHS Facility Compliance Review                      | 55221L     | Outfall    | \$0.00 | \$2,908.50  | \$1,939.00  | \$0.00 | \$0.00 | \$0.00 | \$2,714.25  | \$7,756.00   | \$2,182.25  | \$17,500.00  |
| 9    |  |            |            |        |             |             |        |        |        |             |              |             |              |
| 10   | 05057 Diffuser Port Duckbill Design                              | 05057      | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 11   | 05059 Monitoring Vault Reconstruction                            | 05059      | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 12   | 05058 Diffuser Port Duckbill Construction                        | 05058      | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 13   | 05060 Outfall Inspection Concept Development                     | 05060      | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 14   | 5061 Land Outfall Inspection                                     | 05061      | Outfall    | \$0.00 | \$0.00      | \$0.00      | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00       | \$0.00      | \$0.00       |
| 15   |  |            |            |        |             |             |        |        |        |             |              |             |              |
| 16   | Total  |            |            | \$0.00 | \$40,534.19 | \$27,022.79 | \$0.00 | \$0.00 | \$0.00 | \$37,827.03 | \$108,091.16 | \$30,412.83 | \$243,888.00 |

**ATTACHMENT 2B-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC5 – SJCOO**

|                               | CLB | CSC       | CSJC      | ETWD | EBSD | IRWD | MNWD      | SMWD      | SCWD      | Total       |
|-------------------------------|-----|-----------|-----------|------|------|------|-----------|-----------|-----------|-------------|
| Project Committee CIP Summary | PC5 | PC5       | PC5       | PC5  | PC5  | PC5  | PC5       | PC5       | PC5       | PC5         |
| FY22/23 Cash Request          | \$0 | \$40,534  | \$27,023  | \$0  | \$0  | \$0  | \$37,827  | \$108,091 | \$30,413  | \$243,888   |
| FY23/24 Cash Request          | \$0 | \$0       | \$0       | \$0  | \$0  | \$0  | \$0       | \$0       | \$0       | \$0         |
| FY24/25 Cash Request          | \$0 | \$5,657   | \$3,772   | \$0  | \$0  | \$0  | \$5,280   | \$15,087  | \$4,245   | \$34,040    |
| FY25/26 Cash Request          | \$0 | \$83,808  | \$55,872  | \$0  | \$0  | \$0  | \$78,211  | \$223,488 | \$62,881  | \$504,260   |
| FY26/27 Cash Request          | \$0 | \$12,465  | \$8,310   | \$0  | \$0  | \$0  | \$11,633  | \$33,240  | \$9,353   | \$75,000    |
| Thereafter Cash Request       | \$0 | \$124,650 | \$83,100  | \$0  | \$0  | \$0  | \$116,325 | \$332,400 | \$93,525  | \$750,000   |
| Total                         | \$0 | \$267,115 | \$178,076 | \$0  | \$0  | \$0  | \$249,275 | \$712,306 | \$200,416 | \$1,607,188 |

# ATTACHMENT 2C

Project level descriptions for  
each project to be active in  
FY22-23 for PC15 - CTP



# FY22-23 Proposed CIP Projects – Coastal Treatment Plant (Project Committee 15)

| Project Title                           | Project# | Current Project Status   | Project Justification(s)  |
|---|----------|--|---|
| Export Sludge System Mitigation Project | NEW      | The Resource Agencies are finalizing restoration requirements associated with installing the replacement sludge export pipe through Aliso and Wood Canyons Wilderness Park. The wetlands mitigation site also needs to be relocated because of changed conditions in the Park. | The construction of the replacement sludge export pipe through Aliso and Wood Canyons Wilderness Park has required environmental mitigations permit requirements. The final mitigation requirements are now known that the pipeline has been completed. |

**Project Elements:**

- 1) Restore habitat based on the predetermined mitigation formulas.
- 2) Maintain, monitor, and report restoration progress to the resource agencies for up to 5 years.

**Project Photo(s):**



**Prior year Budgets:**

None

**Proposed Revised Project Budget and Estimated Cashflow:**

| FY21-22 Budget | FY Additions /(Reductions) | Proposed FY22-23 Budget |
|----------------|----------------------------|-------------------------|
| \$0            | \$1,392,100                | \$1,392,100             |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan (1) | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$0                      | \$1,392,100           | \$0               | \$0               | \$0               | \$0               | \$0                  | \$1,392,100     |

(1) SOCWA's work plan is to hire a vendor to perform the mitigation work and monitor/report/maintain the mitigation sites for up to 5 years. It is anticipated that a contract for the value of the project will be awarded in FY22-23.

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| \$0                          |

| Agency | FY22-23 Est. Cash Request | FY23-24 Est. Cash Request | FY24-25 Est. Cash Request | FY25-26 Est. Cash Request | FY26-27 Est. Cash Request | Thereafter Est. Cash Request | Total Cash Request |
|--------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------|--------------------|
| CLB    | \$527,745                 | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$527,745          |
| EBSB   | \$41,624                  | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$41,624           |
| MNWD   | \$407,189                 | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$407,189          |
| SCWD   | \$415,542                 | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$415,542          |
| Total  | \$1,392,100               | \$0                       | \$0                       | \$0                       | \$0                       | \$0                          | \$1,392,100        |

| Project Title           | Project#                                    | Current Project Status  | Project Justification(s)   |
|-------------------------|---|---|--|
| Aeration System Project | 3504-000 /35221L-000 / 3544-000 / New items | Ongoing design work for the diffusers and several elements of the Facility Improvement Project (FIP) will be assumed in this project. | The aeration system is at the end of its useful life. The diffusers are being done under another project. The system can not supply sufficient air during peak-loading and can cause odors. The remaining elements will be completed under this project, including items removed from the FIP due to constructability issues. The blowers have a payback of 5 years. |

Project Elements:

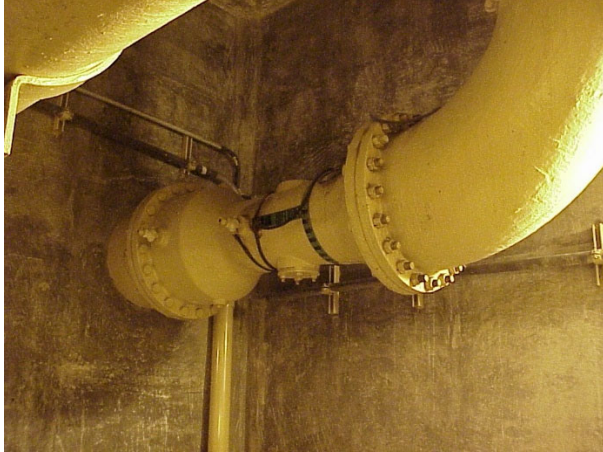
- 1) Aeration System Modification – Blower and Controls
- 2) Auxiliary Blower and Maintenance Building Roofs
- 3) Aeration Upgrade Construction - Part I – Valves, meters, and piping
- 4) Aeration Blower System Upgrades
- 5) CTP Building 10 Repairs (FIP Removed Element)
- 6) Grit baffles and diffusers (FIP Removed Element)
- 7) East primary tank primary sludge piping (FIP Removed Element)
- 8) Primary troughs and primary scum skimmers (FIP Removed Element)
- 9) Relocate influent flow meters (new item – NPDES Requirement)
- 10) West skimmers

Project Photo(s):

The existing blower technology is obsolete and uses 5 gpm of cooling water. The new turbo blowers have a payback of 5 years. The project will also install automation to allow the SCADA system to control the aeration system. The current system is run manually.



The odor control ferric chloride dosing location was relocated downstream on the Headworks to improve odor control and reduce chemical costs. However, the metal in the ferric chloride is interfering with the NPDES required influent meters. The meters will be relocated in the access road outside the Headworks. The photo below shows the existing magnetic flow meter to be relocated.



The primary troughs and primary scum skimmers are failing and require replacement. The photo below shows a temporary fix to stop the troughs from leaking into offline basins, causing odors.



Not pictured are a number of items that were removed from the Facility Improvement Project due to construction conflicts. These items will be rebid after additional work was completed to provide the contractor with specific instructions of what shutdowns are necessary for installing the equipment.

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget | Notes  |
|-----------|-----------------|----------------------------|--------------------|--|
| FY15-16   | \$0             | \$175,000                  | \$175,000          | Only 1310-000  |
| FY16-17   | \$175,000       | \$120,074                  | \$295,074          | Only 1310-000  |
| FY17-18   | \$295,074       | \$4,000                    | \$299,074          | Only 1310-000  |
| FY18-19   | \$299,074       | \$0                        | \$299,074          | Only 1310-000  |
| FY19-20   | \$299,074       | \$0                        | \$299,074          | Only 1310-000  |
| FY20-21   | \$299,074       | \$0                        | \$299,074          | Only 1310-000  |
| FY21-22   | \$299,074       | \$2,170,412                | \$2,469,486        | 1310-000, 3504-000, 35221L-000, 35228L-000, and 3544-000 |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$2,469,486            | \$2,830,676                | \$5,300,162                     |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$333,104                | \$2,317,058       | \$2,550,000       | \$0               | \$0               | \$0               | \$0                  | \$5,200,162     |

| Est. Cash Balance on 6/30/22 |
|------------------------------|
| \$64,978                     |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$853,764                  | \$966,705                  | \$0                        | \$0                        | \$0                        | \$0                           | \$1,820,469           |
| EBSB   | \$67,337                   | \$76,245                   | \$0                        | \$0                        | \$0                        | \$0                           | \$143,582             |
| MNWD   | \$658,733                  | \$745,875                  | \$0                        | \$0                        | \$0                        | \$0                           | \$1,404,608           |
| SCWD   | \$672,246                  | \$761,175                  | \$0                        | \$0                        | \$0                        | \$0                           | \$1,433,421           |
| Total  | \$2,252,080                | \$2,550,000                | \$0                        | \$0                        | \$0                        | \$0                           | \$4,802,080           |

| Project Title                                       | Project# | Current Project Status | Project Justification(s)   |
|---|----------|------------------------|--|
| 3525-000 - Personnel Building Reconstruction (2019) | 3525-000 | Design nearly complete | The sewer line has failed, and the electrical system is in poor condition. The employee locker rooms are in this building. |

Project Elements:

- 1) Replace building sewer and drains (repair showers, etc. removed for the sewer installation)
- 2) Upgrade the building electrical system

Project Photo(s):

Sample picture from the CCTV of the building sewer.



Lateral from the Right at 14.50 Ft.

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget |
|-----------|-----------------|----------------------------|--------------------|
| FY18-19   | \$0             | \$162,000                  | \$162,000          |
| FY19-20   | \$162,000       | \$0                        | \$162,000          |
| FY20-21   | \$162,000       | \$954                      | \$162,954          |
| FY21-22   | \$162,954       | \$150,000                  | \$312,954          |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$312,954              | \$219,450                  | \$532,404                       |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work Plan | FY23-24<br>Work Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total<br>Work Plan |
|-----------------------------|----------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$104,404                   | \$428,000            | \$0                  | \$0                     | \$0                     | \$0                     | \$0                     | \$532,404          |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$119,369                          |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total<br>Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------------|
| CLB    | \$117,002                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$117,002                |
| EBSB   | \$9,228                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$9,228                  |
| MNWD   | \$90,275                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$90,275                 |
| SCWD   | \$92,126                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$92,126                 |
| Total  | \$308,631                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$308,631                |



| Project Title                        | Project#   | Current Project Status          | Project Justification(s)   |
|--------------------------------------|------------|---------------------------------|--|
| Fiber Installation to Alicia Parkway | 35220L-000 | Vendor assessing conduit to CTP | The existing T1 system is insufficient to provide the bandwidth necessary for the treatment plant. |

Project Elements:

- 1) Install fiber to CTP from Alicia Parkway in an existing conduit.

Project Photo(s):

None

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget |
|-----------|-----------------|----------------------------|--------------------|
| FY21-22   | \$0             | \$65,000                   | \$65,000           |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$65,000               | \$0                        | \$65,000                        |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$35,000                 | \$30,000          | \$0               | \$0               | \$0               | \$0               | \$0                  | \$65,000        |

| Est. Cash Balance on 6/30/22 |
|------------------------------|
| \$30,000                     |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total<br>Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------------|
| CLB    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                      |
| EBS    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                      |
| MNWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                      |
| SCWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                      |
| Total  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                      |

| Project Title                         | Project#                  | Current Project Status      | Project Justification(s)  |
|---------------------------------------|---------------------------|-----------------------------|---|
| Foul Air Scrubber Replacement Project | 35229L-000<br>/35235L-000 | Preliminary design complete | The existing system is at the end of its useful life and is being loaded four times higher than it was designed to operate. |

Project Elements:

- 1) Replace the foul air scrubber with a two-stage system.

Project Photo(s):

The photo below shows the media inside the scrubber covered in sulfur. The system was designed to remove 10 ppm H<sub>2</sub>S, and the system is treating 40 ppm H<sub>2</sub>S. The system is extensively cleaned quarterly to maintain compliance with SCAQMD permits. This includes completely removing the media. The other SOCWA units around SOCWA's plants are only periodically cleaned, and the media is never removed at the other plants.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget | Notes              |
|-----------|-----------------|----------------------------|--------------------|--------------------|
| FY21-22   | \$0             | \$76,422                   | \$76,422           | Only design 35229L |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$76,422               | \$3,224,200                | \$3,300,622                     |

| Est Actuals<br>Thru<br>6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work Plan | FY24-25<br>Work Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|--------------------------------|-------------------------|----------------------|----------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$0                            | \$405,422               | \$1,447,600          | \$1,447,600          | \$0                     | \$0                     | \$0                     | \$3,300,622        |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$0                                |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$153,695                  | \$548,785                  | \$548,785                  | \$0                        | \$0                        | \$0                           | \$1,251,266           |
| EBSB   | \$12,122                   | \$43,283                   | \$43,283                   | \$0                        | \$0                        | \$0                           | \$98,689              |
| MNWD   | \$118,586                  | \$423,423                  | \$423,423                  | \$0                        | \$0                        | \$0                           | \$965,432             |
| SCWD   | \$121,018                  | \$432,109                  | \$432,109                  | \$0                        | \$0                        | \$0                           | \$985,236             |
| Total  | \$405,422                  | \$1,447,600                | \$1,447,600                | \$0                        | \$0                        | \$0                           | \$3,300,622           |

| Project Title         | Project#   | Current Project Status   | Project Justification(s)  |
|-----------------------|------------|--|---|
| Drainage Pump Station | 3522AL-000 | Assessing design issues that required the work to be removed from the Facilities Improvement Project | The equipment is beyond the end of its useful life and beginning to fail. The equipment is also in a flood plain, and the electrical equipment does not comply with current electrical codes. |

Project Elements:

- 1) Relocate or protect the pumping station.
- 2) Upgrade the electrical systems to comply with current electrical safety codes.
- 3) Design the remaining plant drains discovered during the Facilities Improvement Project (FIP) that caused the relocation of the DPS to be removed from the FIP.

Project Photo(s):

The electrical gear is in the room above the dry pit. The current electrical safety code requires that this gear be isolated from the dry pit to avoid explosion risk.



The station is also along the Aliso Creek within the 100-year flood plain. The NPDES requires treatment plants to be located and operated outside the 100-year flood plain.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|-----------------------------|--------------------|-------------|
| FY21-22   | \$0             | \$175,000                   | \$175,000          | Design Only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions / (Reductions) | Proposed FY22-23 Project Budget |
|------------------------|-----------------------------|---------------------------------|
| \$175,000              | \$0                         | \$175,000                       |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$50,000                 | \$125,000         | \$0               | \$0               | \$0               | \$0               | \$0                  | \$175,000       |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| \$0                          |

| Agency | FY22-23 Cash Request | FY23-24 Cash Request | FY24-25 Cash Request | FY25-26 Cash Request | FY26-27 Cash Request | Thereafter Cash Request | Total Cash Request |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------------|
| CLB    | \$47,388             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$47,388           |
| EBSB   | \$3,738              | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$3,738            |
| MNWD   | \$36,563             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$36,563           |
| SCWD   | \$37,313             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$37,313           |
| Total  | \$125,000            | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$125,000          |

**ATTACHMENT 2C-1**

**PC Budget Table by Project  
Line Item for PC15 – CTP**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 15 Coastal Treatment Plant  | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes       |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------------|
| 1    | 3539-000 - Facility Construction Improvements - Part II (2020)             | 3539       | Liquids    | \$9,869,511             | \$9,580,608                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 2    | 3539-998 - Facility Construction Improvements - Part II (2020) - Salary    | 3539       | Liquids    |                         | \$181,206                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 3    | 3539-999 - Facility Construction Improvements - Part II (2020) - Fringe    | 3539       | Liquids    |                         | \$107,697                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 4    | 3553-000 - Plant Drainage Improvements (2017)                              | 3553       | Liquids    | \$53,082                | \$45,601                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 5    | 3553-998 - Plant Drainage Improvements (2017)-Salaries                     | 3553       | Liquids    |                         | \$4,359                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 6    | 3553-999 - Plant Drainage Improvements (2017)-Fringe                       | 3553       | Liquids    |                         | \$3,121                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 7    | 3592-000 - Facility Improvements Project Design (2018)                     | 3592       | Liquids    | \$1,441,215             | \$1,373,894                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 8    | 3592-998 - Facility Improvements Project Design (2018) (Salary)            | 3592       | Liquids    |                         | \$38,412                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 9    | 3592-999 - Facility Improvements Project Design (2018) (Fringe)            | 3592       | Liquids    |                         | \$28,909                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 10   | 3526-000 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    | \$5,027                 | \$0                                   | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 11   | 3526-998 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    |                         | \$2,884                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 12   | 3526-999 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    |                         | \$2,143                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 13   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 14   | 3534-000 - Export Sludge System (1997)                                     | 3534       | Liquids    | \$1,715,166             | \$1,672,355                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 15   | 3534-998 - Export Sludge System (1997)-Salaries                            | 3534       | Liquids    |                         | \$24,176                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 16   | 3534-999 - Export Sludge System (1997)-Fringe                              | 3534       | Liquids    |                         | \$18,636                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 17   | 3541-000 - Export Sludge System Construction (2020)                        | 3541       | Liquids    | \$3,207,474             | \$3,110,241                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 18   | 3541-998 - Export Sludge System Construction (2020) (Salary)               | 3541       | Liquids    |                         | \$64,813                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 19   | 3541-999 - Export Sludge System Construction (2020) (Fringe)               | 3541       | Liquids    |                         | \$32,420                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 20   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 21   | NEW - Export Sludge System Mitigation Project                              | NEW        | Liquids    | \$1,392,100             | \$0                                   | \$1,392,100      | \$1,392,100    | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 22   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 23   | Slopes and roads   |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 24   | 3530-000 Aliso Sulfur Creek Confluence (2014)                              | 3530       | Liquids    | \$920,000               | \$9,207                               | \$886,251        | \$0            | \$0            | \$0            | \$0            | \$0            | \$886,251  | To FY27-28  |
| 25   | 3530-998 - Aliso Sulfur Creek Confluence(2014)-Salaries                    | 3530       | Liquids    |                         | \$13,786                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | To FY27-28  |
| 26   | 3530-999 - Aliso Sulfur Creek Confluence(2014)-Fringe                      | 3530       | Liquids    |                         | \$10,725                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | To FY27-28  |
| 27   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 28   | 3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi    | 3528       | Liquids    | \$181,017               | \$179,219                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Emerg. Only |
| 29   | 3528-998 - AWMA Road Sites West 1 and West 2 Embankment Protect(Salary)    | 3528       | Liquids    |                         | \$1,056                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Emerg. Only |
| 30   | 3528-999 - AWMA Road Sites West 1 and West 2 Embankment Protect(Fringe)    | 3528       | Liquids    |                         | \$742                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Emerg. Only |
| 31   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 32   | 35232L-000 - South Embankment Protection                                   |            | Liquids    | \$175,000               | \$0                                   | \$175,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$175,000  | To FY27-28  |
| 33   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 34   | Aeration System Project  |            |            | \$5,300,162             | \$333,104                             | \$4,867,058      | \$2,317,058    | \$2,550,000    | \$0            | \$0            | \$0            | \$0        |             |
| 35   | 3504-000 - Aeration System Modification Design (2015)                      | 3504       | Liquids    | \$48,105                | \$48,105                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 36   | 35221L-000 - Auxiliary Blower and Maintenance Building Roofs               | 35221L     | Liquids    | \$200,000               | \$0                                   | \$100,000        | \$100,000      | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 37   | 3544-000 Aeration Upgrade Construction - Part I                            | 3544       | Liquids    | \$2,352,057             | \$0                                   | \$2,352,057      | \$352,057      | \$2,000,000    | \$0            | \$0            | \$0            | \$0        | blowers     |
| 38   | 35228L-000 - Aeration Blower System Upgrades                               | 35228L     | Liquids    | \$1,600,000             | \$284,999                             | \$1,315,001      | \$1,315,001    | \$0            | \$0            | \$0            | \$0            | \$0        | diffusers   |
| 39   | CTP Building 10 floor elevation issue to allow conversion to storage area. | NEW        | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |             |
| 40   | CTP grit baffles and diffusers   | NEW        | Liquids    | \$200,000               | \$0                                   | \$200,000        | \$0            | \$200,000      | \$0            | \$0            | \$0            | \$0        |             |
| 41   | CTP East primary tank primary sludge piping in tank going to hopper        | NEW        | Liquids    | \$125,000               | \$0                                   | \$125,000        | \$0            | \$125,000      | \$0            | \$0            | \$0            | \$0        |             |
| 42   | CTP Primary Troughs and primary scum skimmers                              | NEW        | Liquids    | \$150,000               | \$0                                   | \$150,000        | \$0            | \$150,000      | \$0            | \$0            | \$0            | \$0        |             |
| 43   | Relocate influent flow meters  | NEW        | Liquids    | \$250,000               | \$0                                   | \$250,000        | \$250,000      | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 44   | CTP west secondary scum skimmers   | NEW        | Liquids    | \$300,000               | \$0                                   | \$300,000        | \$300,000      | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 45   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |
| 46   | 3525-000 - Personnel Building Reconstruction (2019)                        | 3525       | Liquids    | \$532,404               | \$83,497                              | \$420,000        | \$420,000      | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 47   | 3525-998 - Personnel Building Reconstruction (2019) (Salary)               | 3525       | Liquids    |                         | \$12,920                              | \$6,000          | \$6,000        | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 48   | 3525-999 - Personnel Building Reconstruction (2019) (Fringe)               | 3525       | Liquids    |                         | \$7,987                               | \$2,000          | \$2,000        | \$0            | \$0            | \$0            | \$0            | \$0        |             |
| 49   |  |            |            |                         |                                       |                  |                |                |                |                |                |            |             |



South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 15 Coastal Treatment Plant   | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes         |
|------|---|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|---------------|
| 50   | 3543-000 - Export Sludge Pipeline Replacement at RTP                    | 3543       | Liquids    | \$0                     | \$0                                   | \$52,356         | \$0            | \$52,356       | \$0            | \$0            | \$0            | \$0        |               |
| 51   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 52   | 35220L-000 - Fiber Installation to Alicia Parkway                       | 35220L     | Liquids    | \$65,000                | \$35,000                              | \$30,000         | \$30,000       | \$0            | \$0            | \$0            | \$0            | \$0        | New to CIP    |
| 53   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 54   | 4501-000 Electrical Manhole/Cable Assessment                            | 4501-000   | Liquids    | \$60,835                | \$0                                   | \$60,835         | \$0            | \$60,835       | \$0            | \$0            | \$0            | \$0        |               |
| 55   | 4502-000 Building Roof Condition Assessment                             | 4502-000   | Liquids    | \$35,348                | \$0                                   | \$35,348         | \$0            | \$35,348       | \$0            | \$0            | \$0            | \$0        |               |
| 56   | 15138 Scum Pump Station Condition Assessment                            | 15138      | Liquids    | \$50,000                | \$0                                   | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0        |               |
| 57   | 15139 Buried Utility Master Plan  | 15139      | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |               |
| 58   | 15137 Headworks Condition Assessment                                    | 15137      | Liquids    | \$95,000                | \$0                                   | \$95,000         | \$0            | \$95,000       | \$0            | \$0            | \$0            | \$0        |               |
| 59   | 15138 Spatial Utilization Analysis                                      | 15138      | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |               |
| 60   | 15143 RAS/WAS Pump Station Condition Assessment                         | 15143      | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$75,000       | \$0            | \$0            | \$0            | \$0        |               |
| 61   | 45226L-000 - Consequence of Failure Analysis                            | 45226L-000 | Liquids    | \$50,000                | \$50,000                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Close this FY |
| 62   | 45211L-000 - Plant Reconfiguration Feasibility Study                    | 45211L-000 | Liquids    | \$150,000               | \$150,000                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Close this FY |
| 63   | 45212L-000 - Site Storage Evaluation                                    | 45212L-000 | Liquids    | \$50,000                | \$0                                   | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0        |               |
| 64   | 55221L-000 - DHS Facility Compliance Review                             | 55221L-000 | Liquids    | \$35,000                | \$0                                   | \$35,000         | \$0            | \$35,000       | \$0            | \$0            | \$0            | \$0        |               |
| 65   | 55222L-000 - NFPA 70 Classification Mapping                             | 55222L-000 | Liquids    | \$30,000                | \$0                                   | \$30,000         | \$0            | \$30,000       | \$0            | \$0            | \$0            | \$0        |               |
| 66   | 3529-000 - Aliso Creek Long Term Repair Planning (2019)                 | 3529       | Liquids    | \$189,548               | \$37,044                              | \$150,000        | \$0            | \$150,000      | \$0            | \$0            | \$0            | \$0        |               |
| 67   | 3529-998 - Aliso Creek Long Term Repair Planning (2019) (Salary)        | 3529       | Liquids    |                         | \$1,428                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 68   | 3529-999 - Aliso Creek Long Term Repair Planning (2019) (Fringe)        | 3529       | Liquids    |                         | \$1,076                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 69   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 70   | Foul Air Scrubber Replacement Project                                   | Multi      | Liquids    | \$3,300,622             | \$0                                   | \$3,300,622      | \$405,422      | \$1,447,600    | \$1,447,600    | \$0            | \$0            | \$0        |               |
| 71   | 35229L-000 - Foul Air System  | 35229L-000 | Liquids    | \$76,422                | \$0                                   | \$76,422         | \$76,422       | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 72   | 35235L-000 - Odor Control Scrubber/Foul Air System Reconstruction       | 35235L-000 | Liquids    | \$3,224,200             | \$0                                   | \$3,224,200      | \$329,000      | \$1,447,600    | \$1,447,600    | \$0            | \$0            | \$0        |               |
| 73   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 74   | 3522AL-000 - Drainage Pump Station                                      | 35220L     | Liquids    | \$175,000               | \$50,000                              | \$125,000        | \$125,000      | \$0            | \$0            | \$0            | \$0            | \$0        | New to CIP    |
| 75   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 76   | 3522CL-000 - West Basin Scum Collection System                          | 3522CL     | Liquids    | \$400,000               | \$0                                   | \$400,000        | \$0            | \$0            | \$0            | \$400,000      | \$0            | \$0        |               |
| 77   | 35233L-000 - Scum Pump Station and Wet Well                             | 35233L-000 | Liquids    | \$239,284               | \$0                                   | \$250,000        | \$0            | \$0            | \$0            | \$250,000      | \$0            | \$0        |               |
| 78   | 35234L-000 - RAS/WAS Pump Station Repairs                               | 35234L-000 | Liquids    | \$83,704                | \$0                                   | \$100,000        | \$0            | \$0            | \$0            | \$100,000      | \$0            | \$0        |               |
| 79   | 35236L-000 - Scum Pump Station and Wet Well Project                     | 35236L-000 | Liquids    | \$50,000                | \$0                                   | \$50,000         | \$0            | \$0            | \$0            | \$50,000       | \$0            | \$0        |               |
| 80   | 35237L-000 - Electrical Manhole/Cable Project                           | 35237L-000 | Liquids    | \$85,000                | \$0                                   | \$85,000         | \$0            | \$0            | \$0            | \$85,000       | \$0            | \$0        |               |
| 81   | 3522BL-000 - Headworks Upgrades   | 3522BL-000 | Liquids    | \$125,000               | \$0                                   | \$175,000        | \$0            | \$0            | \$0            | \$0            | \$175,000      | \$0        |               |
| 82   | CTP Export Eq tank liner on floor failed                                | NEW        | Liquids    | \$300,000               | \$0                                   | \$300,000        | \$0            | \$0            | \$0            | \$300,000      | \$0            | \$0        |               |
| 83   | 15132 Channel Lining  | 15132      | Liquids    | \$840,000               | \$0                                   | \$840,000        | \$0            | \$0            | \$0            | \$0            | \$840,000      | \$0        |               |
| 84   | 15101 Grit Handling Upgrade   | 15101      | Liquids    | \$794,900               | \$0                                   | \$794,900        | \$0            | \$0            | \$0            | \$0            | \$794,900      | \$0        |               |
| 85   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 86   | 35228L-000 - Building Roof Replacements                                 | 35228L-000 | Liquids    | \$6,400,000             | \$0                                   | \$6,400,000      | \$0            | \$0            | \$0            | \$0            | \$6,400,000    | \$0        |               |
| 87   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 88   | AWT   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 89   | 35221A-000 - Contact Basin Gate   | 35221A     | AWT        | \$250,000               | \$0                                   | \$250,000        | \$0            | \$0            | \$0            | \$250,000      | \$0            | \$0        |               |
| 90   |   |            |            |                         |                                       |                  |                |                |                |                |                |            |               |
| 91   | 3562-000 - Applied Water Pump System Replacement (AWT) (2017)           | 3562       | AWT        | \$256,866               | \$256,866                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 92   | 3562-998 - Applied Water Pump System Replacement (AWT)                  | 3562       | AWT        | \$4,069                 | \$4,069                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 93   | 3562-999 - Applied Water Pump System Replacement                        | 3562       | AWT        | \$3,145                 | \$3,145                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 94   | 3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)     | 3596       | AWT        | \$221,644               | \$221,644                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 95   | 3596-998 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Sal | 3596       | AWT        | \$1,465                 | \$1,465                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 96   | 3596-999 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Frn | 3596       | AWT        | \$820                   | \$820                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 97   | 3538-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)           | 3538       | AWT        | \$588,524               | \$588,524                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |
| 98   | 3538-998 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Salary  | 3538       | AWT        | \$8,335                 | \$8,335                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |               |

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| Line | PC 15 Coastal Treatment Plant  | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter  | Notes   |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------|---------|
| 99   | 3538-999 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Fringe | 3538       | AWT        | \$5,987                 | \$5,987                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |         |
| 100  |  |            |            |                         |                                       |                  |                |                |                |                |                |             |         |
| 101  | SC-15C PC 15 Common Small Cap  | SC-15C     | Liquids    | \$2,486,000             |                                       | \$2,260,000      | \$226,000      | \$226,000      | \$226,000      | \$226,000      | \$226,000      | \$1,130,000 |         |
| 102  | SC-15L PC 15 Liquids Small Cap   | SC-15L     | Liquids    | \$4,477,000             |                                       | \$4,070,000      | \$407,000      | \$407,000      | \$407,000      | \$407,000      | \$407,000      | \$2,035,000 |         |
| 103  | SC-15A PC 15 AWT Small Cap   | SC-15A     | AWT        | \$77,000                |                                       | \$70,000         | \$7,000        | \$7,000        | \$7,000        | \$7,000        | \$7,000        | \$35,000    |         |
| 104  |  |            |            |                         |                                       |                  |                |                |                |                |                |             |         |
| 105  | TYCIP  |            |            |                         |                                       |                  |                |                |                |                |                |             |         |
| 106  | 35231L-000 - Vehicle Storage Building Mezzanine Upgrades               | 35231      | Liquids    | \$85,000                | \$0                                   | \$85,000         | \$0            | \$0            | \$0            | \$0            | \$0            | \$85,000    | FY27-28 |
| 107  | 15713 North Section Embankment Protection                              | 15713      | Liquids    | \$929,000               | \$0                                   | \$929,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$929,000   | FY27-28 |
| 108  | 15813 AWT Building Modifications                                       | 15813      | Liquids    | \$218,400               | \$0                                   | \$218,400        | \$0            | \$0            | \$0            | \$0            | \$0            | \$218,400   | FY27-28 |
| 109  | 15106 DAF Polymer and DAF Control Building Upgrade                     | 15106      | Liquids    | \$402,500               | \$0                                   | \$402,500        | \$0            | \$0            | \$0            | \$0            | \$0            | \$402,500   | FY27-28 |
| 110  | 15148 Instrumentation Master Plan                                      | 15148      | Liquids    | \$75,000                | \$0                                   | \$75,000         | \$0            | \$0            | \$0            | \$0            | \$0            | \$75,000    | FY27-28 |
| 111  | 15133 Operations Building Rehab  | 15133      | Liquids    | \$931,600               | \$0                                   | \$931,600        | \$0            | \$0            | \$0            | \$0            | \$0            | \$931,600   | FY27-28 |
| 112  | 15145 Export Sludge System Condition Assessment                        | 15145      | Liquids    | \$85,000                | \$0                                   | \$85,000         | \$0            | \$0            | \$0            | \$0            | \$0            | \$85,000    | FY27-28 |
| 113  | 15714 Aliso - Sulfur Creek Confluence Protection                       | 15714      | Liquids    | \$646,800               | \$0                                   | \$646,800        | \$0            | \$0            | \$0            | \$0            | \$0            | \$646,800   | FY27-28 |
| 114  | 15815 Effluent Equalization Basin Valve Replacement - Common (AWT)     | 15815      | Liquids    | \$810,000               | \$0                                   | \$810,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$810,000   | FY27-28 |
| 115  | 15817 AWT Instrumentation  | 15817      | AWT        | \$453,300               | \$0                                   | \$453,300        | \$0            | \$0            | \$0            | \$0            | \$0            | \$453,300   | FY27-28 |
| 116  | 15122 West Corridor Piping Reconstruction                              | 15122      | Liquids    | \$1,650,600             | \$0                                   | \$1,650,600      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,650,600 | FY27-28 |
| 117  | 15123 Piping Between RAS/WAS PS and AWT                                | 15123      | AWT        | \$105,600               | \$0                                   | \$105,600        | \$0            | \$0            | \$0            | \$0            | \$0            | \$105,600   | FY27-28 |
| 118  | 15110 Potable Water System Relocation                                  | 15110      | Liquids    | \$591,500               | \$0                                   | \$591,500        | \$0            | \$0            | \$0            | \$0            | \$0            | \$591,500   | FY28-29 |
| 119  | 15115 RAS and WAS Pump Station Replacement                             | 15115      | Liquids    | \$1,036,900             | \$0                                   | \$1,036,900      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,036,900 | FY28-29 |
| 120  | 15121 Auxiliary Blower Bldg Upgrade                                    | 15121      | Liquids    | \$690,804               | \$0                                   | \$690,804        | \$0            | \$0            | \$0            | \$0            | \$0            | \$690,804   | FY28-29 |
| 121  | 15124 Central Corridor Piping  | 15124      | Liquids    | \$1,691,372             | \$0                                   | \$1,691,372      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,691,372 | FY28-29 |
| 122  | 15146 Primary Sedimentation System Condition Assessment                | 15146      | Liquids    | \$65,000                | \$0                                   | \$65,000         | \$0            | \$0            | \$0            | \$0            | \$0            | \$65,000    | FY28-29 |
| 123  | 15113 Pave Road System   | 15113      | Liquids    | \$131,700               | \$0                                   | \$131,700        | \$0            | \$0            | \$0            | \$0            | \$0            | \$131,700   | FY29-30 |
| 124  | 15115 RAS and WAS Pump Station   | 15115      | Liquids    | \$1,036,900             | \$0                                   | \$1,036,900      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,036,900 | FY29-30 |
| 125  | 15116 Primary Sludge Pump System Design                                | 15116      | Liquids    | \$681,800               | \$0                                   | \$681,800        | \$0            | \$0            | \$0            | \$0            | \$0            | \$681,800   | FY29-30 |
| 126  | 15127 Headworks Valve Replacement                                      | 15127      | Liquids    | \$342,800               | \$0                                   | \$342,800        | \$0            | \$0            | \$0            | \$0            | \$0            | \$342,800   | FY29-30 |
| 127  | 15150 Screening Washer/Compactor System                                | 15150      | Liquids    | \$412,585               | \$0                                   | \$412,585        | \$0            | \$0            | \$0            | \$0            | \$0            | \$412,585   | FY29-30 |
| 128  | 15812 AWT Filter Valve Upgrade   | 15812      | AWT        | \$541,343               | \$0                                   | \$541,343        | \$0            | \$0            | \$0            | \$0            | \$0            | \$541,343   | FY29-30 |
| 129  | 15819 AWT Support Equipment  | 15819      | AWT        | \$758,700               | \$0                                   | \$758,700        | \$0            | \$0            | \$0            | \$0            | \$0            | \$758,700   | FY29-30 |
| 130  | 15821 AWT Buried Piping  | 15821      | AWT        | \$1,010,500             | \$0                                   | \$1,010,500      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,010,500 | FY29-30 |
| 131  | 15104 DAF System Rehabilitation  | 15104      | Liquids    | \$1,300,300             | \$0                                   | \$1,300,300      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,300,300 | FY30-31 |
| 132  | 15117 SCADA System Reconstruction                                      | 15117      | Liquids    | \$146,900               | \$0                                   | \$146,900        | \$0            | \$0            | \$0            | \$0            | \$0            | \$146,900   | FY30-31 |
| 133  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$178,900               | \$0                                   | \$178,900        | \$0            | \$0            | \$0            | \$0            | \$0            | \$178,900   | FY30-31 |
| 134  | 15111 Non-Potable Water System Relocation                              | 15111      | Liquids    | \$332,800               | \$0                                   | \$332,800        | \$0            | \$0            | \$0            | \$0            | \$0            | \$332,800   | FY31-32 |
| 135  | 15117 SCADA System Reconstruction                                      | 15117      | Liquids    | \$1,150,000             | \$0                                   | \$1,150,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,150,000 | FY31-32 |
| 136  | 15128 Existing Export Sludge PS Upgrade                                | 15128      | Liquids    | \$836,100               | \$0                                   | \$836,100        | \$0            | \$0            | \$0            | \$0            | \$0            | \$836,100   | FY31-32 |
| 137  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$559,000               | \$0                                   | \$559,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$559,000   | FY31-32 |
| 138  | 15112 West Primary Sedimentation System Upgrade                        | 15112      | Liquids    | \$1,031,700             | \$0                                   | \$1,031,700      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,031,700 | FY32-33 |
| 139  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$559,000               | \$0                                   | \$559,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$559,000   | FY32-33 |
| 140  | 15114 East Primary Sedimentation Upgrade                               | 15114      | Liquids    | \$677,200               | \$0                                   | \$677,200        | \$0            | \$0            | \$0            | \$0            | \$0            | \$677,200   | FY33-34 |
| 141  | 15120 RAS Hypo Pumps   | 15120      | Liquids    | \$97,500                | \$0                                   | \$97,500         | \$0            | \$0            | \$0            | \$0            | \$0            | \$97,500    | FY33-34 |
| 142  | 15131 Headworks Miscellaneous Upgrades                                 | 15131      | Liquids    | \$505,400               | \$0                                   | \$505,400        | \$0            | \$0            | \$0            | \$0            | \$0            | \$505,400   | FY33-34 |
| 143  | 15134 Perimeter Fence Replacement                                      | 15134      | Liquids    | \$857,100               | \$0                                   | \$857,100        | \$0            | \$0            | \$0            | \$0            | \$0            | \$857,100   | FY33-34 |
| 144  | 15135 Blower Building Roof   | 15135      | Liquids    | \$106,100               | \$0                                   | \$106,100        | \$0            | \$0            | \$0            | \$0            | \$0            | \$106,100   | FY33-34 |
| 145  | 15136 Export Sludge Pumps  | 15136      | Liquids    | \$846,700               | \$0                                   | \$846,700        | \$0            | \$0            | \$0            | \$0            | \$0            | \$846,700   | FY33-34 |
| 146  | 15816 AWT Hypo Pumps   | 15816      | AWT        | \$260,700               | \$0                                   | \$260,700        | \$0            | \$0            | \$0            | \$0            | \$0            | \$260,700   | FY33-34 |
| 147  |  |            |            |                         |                                       |                  |                |                |                |                |                |             |         |

South Orange County Wastewater Authority  
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| Line | PC 15 Coastal Treatment Plant | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter   | Notes |
|------|-------------------------------|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|--------------|-------|
| 148  | Total                         |            |            | \$71,832,357            | \$18,359,119                          | \$52,862,575     | \$5,337,580    | \$5,421,139    | \$2,087,600    | \$2,075,000    | \$8,849,900    | \$29,091,356 |       |

**ATTACHMENT 2C-2**  
**PC Planned Cash Request**  
**Table by Project Line Item**  
**for PC15 – CTP**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 15 Coastal Treatment Plant  | Cash as of 7/1/21 | Q1-Q4 Billings | Est. Cash Balance on 6/30/22 | Expected Expenses FY22-23 | Total Cash Request FY22/23 | Q1 Cash Request FY22/23 | Q2 Cash Request FY22/23 | Q3 Cash Request FY22/23 | Q4 Cash Request FY22/23 | FY23/24 Cash Request | FY24/25 Cash Request | FY25/26 Cash Request | FY26/27 Cash Request | Thereafter Cash Request |
|------|--|-------------------|----------------|------------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|
| 1    | 3539-000 - Facility Construction Improvements - Part II (2020)             | -\$1,851,305      | \$2,825,000    | \$227,033                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 2    | 3539-998 - Facility Construction Improvements - Part II (2020) - Salary    | \$0               | \$0            | -\$181,206                   | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 3    | 3539-999 - Facility Construction Improvements - Part II (2020) - Fringe    | \$0               | \$0            | -\$107,697                   | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 4    | 3553-000 - Plant Drainage Improvements (2017)                              | \$240,146         | \$0            | \$232,666                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 5    | 3553-998 - Plant Drainage Improvements (2017)-Salaries                     | \$0               | \$0            | -\$4,359                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 6    | 3553-999 - Plant Drainage Improvements (2017)-Fringe                       | \$0               | \$0            | -\$3,121                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 7    | 3592-000 - Facility Improvements Project Design (2018)                     | \$15,001          | \$0            | -\$70,448                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 8    | 3592-998 - Facility Improvements Project Design (2018) (Salary)            | \$0               | \$0            | -\$38,412                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 9    | 3592-999 - Facility Improvements Project Design (2018) (Fringe)            | \$0               | \$0            | -\$28,909                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 10   | 3526-000 - Facility Improvements Project Construction - Part I (2019)      | -\$84             | \$0            | -\$5,111                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 11   | 3526-998 - Facility Improvements Project Construction - Part I (2019)      | \$0               | \$0            | -\$2,884                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 12   | 3526-999 - Facility Improvements Project Construction - Part I (2019)      | \$0               | \$0            | -\$2,143                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 13   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 14   | 3534-000 - Export Sludge System (1997)                                     | \$263,578         | \$0            | -\$79,234                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 15   | 3534-998 - Export Sludge System (1997)-Salaries                            | \$0               | \$0            | -\$24,176                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 16   | 3534-999 - Export Sludge System (1997)-Fringe                              | \$0               | \$0            | -\$18,636                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 17   | 3541-000 - Export Sludge System Construction (2020)                        | \$133,427         | \$3,050,000    | \$1,032,463                  | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 18   | 3541-998 - Export Sludge System Construction (2020) (Salary)               | \$0               | \$0            | -\$59,813                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 19   | 3541-999 - Export Sludge System Construction (2020) (Fringe)               | \$0               | \$0            | -\$29,420                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 20   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 21   | NEW - Export Sludge System Mitigation Project                              | \$0               | \$0            | \$0                          | \$1,392,100               | \$1,392,100                | \$696,050               | \$232,017               | \$232,017               | \$232,017               | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 22   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 23   | Slopes and roads   |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 24   | 3530-000 Aliso Sulfur Creek Confluence (2014)                              | -\$31             | \$0            | -\$31                        | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 25   | 3530-998 - Aliso Sulfur Creek Confluence(2014)-Salaries                    | \$0               | \$0            | -\$13,786                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 26   | 3530-999 - Aliso Sulfur Creek Confluence(2014)-Fringe                      | \$0               | \$0            | -\$10,725                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 27   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 28   | 3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi    | \$109,983         | \$0            | \$2,186                      | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 29   | 3528-998 - AWMA Road Sites West 1 and West 2 Embankment Protect(Salary)    | \$0               | \$0            | -\$1,056                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 30   | 3528-999 - AWMA Road Sites West 1 and West 2 Embankment Protect(Fringe)    | \$0               | \$0            | -\$742                       | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 31   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 32   | 35232L-000 - South Embankment Protection                                   | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 33   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 34   | Aeration System Project  | -\$23             | \$350,000      | \$64,978                     | \$2,317,058               | \$2,252,080                | \$563,037               | \$563,014               | \$563,014               | \$563,014               | \$2,550,000          | \$0                  | \$0                  | \$0                  | \$0                     |
| 35   | 3504-000 - Aeration System Modification Design (2015)                      | -\$23             | \$0            | -\$23                        | \$0                       | \$23                       | \$23                    | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 36   | 35221L-000 - Auxiliary Blower and Maintenance Building Roofs               | \$0               | \$0            | \$0                          | \$100,000                 | \$100,000                  | \$25,000                | \$25,000                | \$25,000                | \$25,000                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 37   | 3544-000 Aeration Upgrade Construction - Part I                            | \$0               | \$0            | \$0                          | \$352,057                 | \$352,057                  | \$88,014                | \$88,014                | \$88,014                | \$88,014                | \$2,000,000          | \$0                  | \$0                  | \$0                  | \$0                     |
| 38   | 35228L-000 - Aeration Blower System Upgrades                               | \$0               | \$350,000      | \$65,001                     | \$1,315,001               | \$1,250,000                | \$312,500               | \$312,500               | \$312,500               | \$312,500               | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 39   | CTP Building 10 floor elevation issue to allow conversion to storage area. | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$75,000             | \$0                  | \$0                  | \$0                  | \$0                     |
| 40   | CTP grit baffles and diffusers   | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$200,000            | \$0                  | \$0                  | \$0                  | \$0                     |
| 41   | CTP East primary tank primary sludge piping in tank going to hopper        | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$125,000            | \$0                  | \$0                  | \$0                  | \$0                     |
| 42   | CTP Primary Troughs and primary scum skimmers                              | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$150,000            | \$0                  | \$0                  | \$0                  | \$0                     |
| 43   | Relocate influent flow meters  | \$0               | \$0            | \$0                          | \$250,000                 | \$250,000                  | \$62,500                | \$62,500                | \$62,500                | \$62,500                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 44   | CTP west secondary scum skimmers   | \$0               | \$0            | \$0                          | \$300,000                 | \$300,000                  | \$75,000                | \$75,000                | \$75,000                | \$75,000                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 45   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 46   | 3525-000 - Personnel Building Reconstruction (2019)                        | \$121,094         | \$65,000       | \$127,732                    | \$420,000                 | \$308,631                  | \$77,158                | \$77,158                | \$77,158                | \$77,158                | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 47   | 3525-998 - Personnel Building Reconstruction (2019) (Salary)               | \$0               | \$0            | (\$5,168)                    | \$6,000                   | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 48   | 3525-999 - Personnel Building Reconstruction (2019) (Fringe)               | \$0               | \$0            | (\$3,195)                    | \$2,000                   | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 49   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |

South Orange County Wastewater Authority  
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| Line | PC 15 Coastal Treatment Plant   | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 50   | 3543-000 - Export Sludge Pipeline Replacement at RTP                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$52,356                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 51   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 52   | 35220L-000 - Fiber Installation to Alicia Parkway                       | \$0                  | \$65,000          | \$30,000                           | \$30,000                        | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 53   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 54   | 4501-000 Electrical Manhole/Cable Assessment                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$60,835                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 55   | 4502-000 Building Roof Condition Assessment                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$35,348                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 56   | 15138 Scum Pump Station Condition Assessment                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 57   | 15139 Buried Utility Master Plan  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 58   | 15137 Headworks Condition Assessment                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$95,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 59   | 15138 Spatial Utilization Analysis                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 60   | 15143 RAS/WAS Pump Station Condition Assessment                         | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$75,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 61   | 45226L-000 - Consequence of Failure Analysis                            | \$0                  | \$50,000          | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 62   | 45211L-000 - Plant Reconfiguration Feasibility Study                    | \$0                  | \$0               | (\$25,000)                         | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 63   | 45212L-000 - Site Storage Evaluation                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 64   | 55221L-000 - DHS Facility Compliance Review                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$35,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 65   | 55222L-000 - NFPA 70 Classification Mapping                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$30,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 66   | 3529-000 - Aliso Creek Long Term Repair Planning (2019)                 | \$75,452             | \$0               | \$42,947                           | \$30,000                        | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 67   | 3529-998 - Aliso Creek Long Term Repair Planning (2019) (Salary)        | \$0                  | \$0               | -\$1,428                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 68   | 3529-999 - Aliso Creek Long Term Repair Planning (2019) (Fringe)        | \$0                  | \$0               | -\$1,076                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 69   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 70   | Foul Air Scrubber Replacement Project                                   | \$0                  | \$0               | \$0                                | \$405,422                       | \$405,422                        | \$158,672                     | \$82,250                      | \$82,250                      | \$82,250                      | \$1,447,600                | \$1,447,600                | \$0                        | \$0                        | \$0                           |
| 71   | 35229L-000 - Foul Air System  | \$0                  | \$0               | \$0                                | \$76,422                        | \$76,422                         | \$76,422                      | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 72   | 35235L-000 - Odor Control Scrubber/Foul Air System Reconstruction       | \$0                  | \$0               | \$0                                | \$329,000                       | \$329,000                        | \$82,250                      | \$82,250                      | \$82,250                      | \$82,250                      | \$1,447,600                | \$1,447,600                | \$0                        | \$0                        | \$0                           |
| 73   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 74   | 3522AL-000 - Drainage Pump Station                                      | \$0                  | \$50,000          | \$0                                | \$125,000                       | \$125,000                        | \$31,250                      | \$31,250                      | \$31,250                      | \$31,250                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 75   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 76   | 3522CL-000 - West Basin Scum Collection System                          | \$0                  | \$50,000          | \$50,000                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$400,000                  | \$0                        | \$0                           |
| 77   | 35233L-000 - Scum Pump Station and Wet Well                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$250,000                  | \$0                        | \$0                           |
| 78   | 35234L-000 - RAS/WAS Pump Station Repairs                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$100,000                  | \$0                        | \$0                           |
| 79   | 35236L-000 - Scum Pump Station and Wet Well Project                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$50,000                   | \$0                        | \$0                           |
| 80   | 35237L-000 - Electrical Manhole/Cable Project                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$85,000                   | \$0                        | \$0                           |
| 81   | 3522BL-000 - Headworks Upgrades   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$175,000                  | \$0                           |
| 82   | CTP Export Eq tank liner on floor failed                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$300,000                  | \$0                        | \$0                           |
| 83   | 15132 Channel Lining  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$840,000                  | \$0                           |
| 84   | 15101 Grit Handling Upgrade   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$794,900                  | \$0                           |
| 85   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 86   | 35228L-000 - Building Roof Replacements                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$6,400,000                | \$0                           |
| 87   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 88   | AWT   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 89   | 35221A-000 - Contact Basin Gate   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$250,000                  | \$0                        | \$0                           |
| 90   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 91   | 3562-000 - Applied Water Pump System Replacement (AWT) (2017)           | \$9,441              | \$0               | (\$559)                            | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 92   | 3562-998 - Applied Water Pump System Replacement (AWT)                  | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 93   | 3562-999 - Applied Water Pump System Replacement                        | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 94   | 3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)     | \$8,574              | \$0               | \$8,574                            | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 95   | 3596-998 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Sal | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 96   | 3596-999 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Frn | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 97   | 3538-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)           | -\$64,847            | \$0               | (\$64,847)                         | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 98   | 3538-998 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Salary  | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |

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| Line | PC 15 Coastal Treatment Plant  | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 99   | 3538-999 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Fringe | \$0                  | \$0               | \$0                                |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 100  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 101  | SC-15C PC 15 Common Small Cap  | \$0                  | \$226,000         | \$0                                | \$226,000                       | \$226,000                        | \$56,500                      | \$56,500                      | \$56,500                      | \$56,500                      | \$226,000                  | \$226,000                  | \$226,000                  | \$226,000                  | \$1,130,000                   |
| 102  | SC-15L PC 15 Liquids Small Cap   | \$0                  | \$407,000         | \$0                                | \$407,000                       | \$407,000                        | \$101,750                     | \$101,750                     | \$101,750                     | \$101,750                     | \$407,000                  | \$407,000                  | \$407,000                  | \$407,000                  | \$2,035,000                   |
| 103  | SC-15A PC 15 AWT Small Cap   | \$0                  | \$7,000           | \$0                                | \$7,000                         | \$7,000                          | \$1,750                       | \$1,750                       | \$1,750                       | \$1,750                       | \$7,000                    | \$7,000                    | \$7,000                    | \$7,000                    | \$35,000                      |
| 104  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 105  | TYCIP  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 106  | 35231L-000 - Vehicle Storage Building Mezzanine Upgrades               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$85,000                      |
| 107  | 15713 North Section Embankment Protection                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$929,000                     |
| 108  | 15813 AWT Building Modifications                                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$218,400                     |
| 109  | 15106 DAF Polymer and DAF Control Building Upgrade                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$402,500                     |
| 110  | 15148 Instrumentation Master Plan                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$75,000                      |
| 111  | 15133 Operations Building Rehab  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$931,600                     |
| 112  | 15145 Export Sludge System Condition Assessment                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$85,000                      |
| 113  | 15714 Aliso - Sulfur Creek Confluence Protection                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$646,800                     |
| 114  | 15815 Effluent Equalization Basin Valve Replacement - Common (AWT)     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$810,000                     |
| 115  | 15817 AWT Instrumentation  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$453,300                     |
| 116  | 15122 West Corridor Piping Reconstruction                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,650,600                   |
| 117  | 15123 Piping Between RAS/WAS PS and AWT                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$105,600                     |
| 118  | 15110 Potable Water System Relocation                                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$591,500                     |
| 119  | 15115 RAS and WAS Pump Station   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,036,900                   |
| 120  | 15121 Auxiliary Blower Bldg Upgrade                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$690,804                     |
| 121  | 15124 Central Corridor Piping  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,691,372                   |
| 122  | 15146 Primary Sedimentation System Condition Assessment                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$65,000                      |
| 123  | 15113 Pave Road System   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$131,700                     |
| 124  | 15115 RAS and WAS Pump Station   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,036,900                   |
| 125  | 15116 Primary Sludge Pump System Design                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$681,800                     |
| 126  | 15127 Headworks Valve Replacement                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$342,800                     |
| 127  | 15150 Screening Washer/Compactor System                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$412,585                     |
| 128  | 15812 AWT Filter Valve Upgrade   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$541,343                     |
| 129  | 15819 AWT Support Equipment  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$758,700                     |
| 130  | 15821 AWT Buried Piping  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,010,500                   |
| 131  | 15104 DAF System Rehabilitation  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,300,300                   |
| 132  | 15117 SCADA System Reconstruction                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$146,900                     |
| 133  | 15129 Standby Power Reconstruction                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$178,900                     |
| 134  | 15111 Non-Potable Water System Relocation                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$332,800                     |
| 135  | 15117 SCADA System Reconstruction                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,150,000                   |
| 136  | 15128 Existing Export Sludge PS Upgrade                                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$836,100                     |
| 137  | 15129 Standby Power Reconstruction                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$559,000                     |
| 138  | 15112 West Primary Sedimentation System Upgrade                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,031,700                   |
| 139  | 15129 Standby Power Reconstruction                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$559,000                     |
| 140  | 15114 East Primary Sedimentation Upgrade                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$677,200                     |
| 141  | 15120 RAS Hypo Pumps   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$97,500                      |
| 142  | 15131 Headworks Miscellaneous Upgrades                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$505,400                     |
| 143  | 15134 Perimeter Fence Replacement                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$857,100                     |
| 144  | 15135 Blower Building Roof   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$106,100                     |
| 145  | 15136 Export Sludge Pumps  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$846,700                     |
| 146  | 15816 AWT Hypo Pumps   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$260,700                     |
| 147  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line |                               | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|-------------------------------|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
|      | PC 15 Coastal Treatment Plant |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 148  | Total                         | -\$939,594           | \$7,145,000       | \$1,035,397                        | \$5,367,580                     | \$5,123,233                      | \$1,686,167                   | \$1,145,689                   | \$1,145,689                   | \$1,145,689                   | \$5,271,139                | \$2,087,600                | \$2,075,000                | \$8,849,900                | \$28,030,104                  |



# ATTACHMENT 2C-3

Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for  
PC15 – CTP

| Line | PC 15 Coastal Treatment Plant  | Project ID | Allocation | 16           | 17     | 18     | 19     | 20          | 21     | 22           | 23     | 24           | Total          |
|------|--|------------|------------|--------------|--------|--------|--------|-------------|--------|--------------|--------|--------------|----------------|
|      |  |            |            | CLB          | CSC    | CSJC   | ETWD   | EBSD        | IRWD   | MNWD         | SMWD   | SCWD         |                |
| 1    | 3539-000 - Facility Construction Improvements - Part II (2020)             | 3539       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 2    | 3539-998 - Facility Construction Improvements - Part II (2020) - Salary    | 3539       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 3    | 3539-999 - Facility Construction Improvements - Part II (2020) - Fringe    | 3539       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 4    | 3553-000 - Plant Drainage Improvements (2017)                              | 3553       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 5    | 3553-998 - Plant Drainage Improvements (2017)-Salaries                     | 3553       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 6    | 3553-999 - Plant Drainage Improvements (2017)-Fringe                       | 3553       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 7    | 3592-000 - Facility Improvements Project Design (2018)                     | 3592       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 8    | 3592-998 - Facility Improvements Project Design (2018) (Salary)            | 3592       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 9    | 3592-999 - Facility Improvements Project Design (2018) (Fringe)            | 3592       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 10   | 3526-000 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 11   | 3526-998 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 12   | 3526-999 - Facility Improvements Project Construction - Part I (2019)      | 3526       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 13   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 14   | 3534-000 - Export Sludge System (1997)                                     | 3534       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 15   | 3534-998 - Export Sludge System (1997)-Salaries                            | 3534       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 16   | 3534-999 - Export Sludge System (1997)-Fringe                              | 3534       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 17   | 3541-000 - Export Sludge System Construction (2020)                        | 3541       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 18   | 3541-998 - Export Sludge System Construction (2020) (Salary)               | 3541       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 19   | 3541-999 - Export Sludge System Construction (2020) (Fringe)               | 3541       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 20   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 21   | NEW - Export Sludge System Mitigation                                      | NEED       | Liquids    | \$527,745.11 | \$0.00 | \$0.00 | \$0.00 | \$41,623.79 | \$0.00 | \$407,189.25 | \$0.00 | \$415,541.85 | \$1,392,100.00 |
| 22   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 23   | Slopes and roads   |            |            |              |        |        |        |             |        |              |        |              |                |
| 24   | 3530-000 Aliso Sulfur Creek Confluence (2014)                              | 3530       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 25   | 3530-998 - Aliso Sulfur Creek Confluence(2014)-Salaries                    | 3530       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 26   | 3530-999 - Aliso Sulfur Creek Confluence(2014)-Fringe                      | 3530       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 27   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 28   | 3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi    | 3528       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 29   | 3528-998 - AWMA Road Sites West 1 and West 2 Embankment Protect(Salary)    | 3528       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 30   | 3528-999 - AWMA Road Sites West 1 and West 2 Embankment Protect(Fringe)    | 3528       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 31   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 32   | 35232L-000 - South Embankment Protection                                   |            | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 33   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 34   | Aeration System Project  | multi      | Liquids    | \$853,763.55 | \$0.00 | \$0.00 | \$0.00 | \$67,337.19 | \$0.00 | \$658,733.42 | \$0.00 | \$672,245.90 | \$2,252,080.07 |
| 35   | 3504-000 - Aeration System Modification Design (2015)                      | 3504       | Liquids    | \$8.75       | \$0.00 | \$0.00 | \$0.00 | \$0.69      | \$0.00 | \$6.75       | \$0.00 | \$6.89       | \$23.07        |
| 36   | 35221L-000 - Auxiliary Blower and Maintenance Building Roofs               | 35221L     | Liquids    | \$37,910.00  | \$0.00 | \$0.00 | \$0.00 | \$2,990.00  | \$0.00 | \$29,250.00  | \$0.00 | \$29,850.00  | \$100,000.00   |
| 37   | 3544-000 Aeration Upgrade Construction - Part I                            | 3544       | Liquids    | \$133,464.81 | \$0.00 | \$0.00 | \$0.00 | \$10,526.50 | \$0.00 | \$102,976.67 | \$0.00 | \$105,089.01 | \$352,057.00   |
| 38   | 35228L-000 - Aeration Blower System Upgrades                               | 35228L     | Liquids    | \$473,875.00 | \$0.00 | \$0.00 | \$0.00 | \$37,375.00 | \$0.00 | \$365,625.00 | \$0.00 | \$373,125.00 | \$1,250,000.00 |
| 39   | CTP Building 10 floor elevation issue to allow conversion to storage area. | NEED       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 40   | CTP grit baffles and diffusers   | NEED       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 41   | CTP East primary tank primary sludge piping in tank going to hopper        | NEED       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 42   | CTP Primary Troughs and primary scum skimmers                              | NEED       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 43   | Relocate influent flow meters  | NEED       | Liquids    | \$94,775.00  | \$0.00 | \$0.00 | \$0.00 | \$7,475.00  | \$0.00 | \$73,125.00  | \$0.00 | \$74,625.00  | \$250,000.00   |
| 44   | CTP west secondary scum skimmers   | NEED       | Liquids    | \$113,730.00 | \$0.00 | \$0.00 | \$0.00 | \$8,970.00  | \$0.00 | \$87,750.00  | \$0.00 | \$89,550.00  | \$300,000.00   |
| 45   |  |            |            |              |        |        |        |             |        |              |        |              |                |
| 46   | 3525-000 - Personnel Building Reconstruction (2019)                        | 3525       | Liquids    | \$117,001.94 | \$0.00 | \$0.00 | \$0.00 | \$9,228.06  | \$0.00 | \$90,274.51  | \$0.00 | \$92,126.29  | \$308,630.80   |
| 47   | 3525-998 - Personnel Building Reconstruction (2019) (Salary)               | 3525       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 48   | 3525-999 - Personnel Building Reconstruction (2019) (Fringe)               | 3525       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00         |
| 49   |  |            |            |              |        |        |        |             |        |              |        |              |                |

South Orange County Wastewater Authority  
Large Capital Program FY22-23

Total Cash Request FY22/23

| Line | PC 15 Coastal Treatment Plant   | Project ID | Allocation | 16           | 17     | 18     | 19     | 20          | 21     | 22           | 23     | 24           | Total        |
|------|---|------------|------------|--------------|--------|--------|--------|-------------|--------|--------------|--------|--------------|--------------|
|      |   |            |            | CLB          | CSC    | CSJC   | ETWD   | EBSD        | IRWD   | MNWD         | SMWD   | SCWD         |              |
| 50   | 3543-000 - Export Sludge Pipeline Replacement at RTP                    | 3543       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 51   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 52   | 35220L-000 - Fiber Installation to Alicia Parkway                       | 35220L     | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 53   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 54   | 4501-000 Electrical Manhole/Cable Assessment                            | 4501-000   | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 55   | 4502-000 Building Roof Condition Assessment                             | 4502-000   | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 56   | 15138 Scum Pump Station Condition Assessment                            | 15138      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 57   | 15139 Buried Utility Master Plan  | 15139      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 58   | 15137 Headworks Condition Assessment                                    | 15137      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 59   | 15138 Spatial Utilization Analysis                                      | 15138      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 60   | 15143 RAS/WAS Pump Station Condition Assessment                         | 15143      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 61   | 45226L-000 - Consequence of Failure Analysis                            | 45226L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 62   | 45211L-000 - Plant Reconfiguration Feasibility Study                    | 45211L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 63   | 45212L-000 - Site Storage Evaluation                                    | 45212L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 64   | 55221L-000 - DHS Facility Compliance Review                             | 55221L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 65   | 55222L-000 - NFPA 70 Classification Mapping                             | 55222L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 66   | 3529-000 - Aliso Creek Long Term Repair Planning (2019)                 | 3529       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 67   | 3529-998 - Aliso Creek Long Term Repair Planning (2019) (Salary)        | 3529       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 68   | 3529-999 - Aliso Creek Long Term Repair Planning (2019) (Fringe)        | 3529       | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 69   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 70   | Foul Air Scrubber Replacement Project                                   | Multi      | Liquids    | \$153,695.48 | \$0.00 | \$0.00 | \$0.00 | \$12,122.12 | \$0.00 | \$118,585.94 | \$0.00 | \$121,018.47 | \$405,422.00 |
| 71   | 35229L-000 - Foul Air System  | 35229L-000 | Liquids    | \$28,971.58  | \$0.00 | \$0.00 | \$0.00 | \$2,285.02  | \$0.00 | \$22,353.44  | \$0.00 | \$22,811.97  | \$76,422.00  |
| 72   | 35235L-000 - Odor Control Scrubber/Foul Air System Reconstruction       | 35235L-000 | Liquids    | \$124,723.90 | \$0.00 | \$0.00 | \$0.00 | \$9,837.10  | \$0.00 | \$96,232.50  | \$0.00 | \$98,206.50  | \$329,000.00 |
| 73   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 74   | 3522AL-000 - Drainage Pump Station                                      | 35220L     | Liquids    | \$47,387.50  | \$0.00 | \$0.00 | \$0.00 | \$3,737.50  | \$0.00 | \$36,562.50  | \$0.00 | \$37,312.50  | \$125,000.00 |
| 75   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 76   | 3522CL-000 - West Basin Scum Collection System                          | 3522CL     | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 77   | 35233L-000 - Scum Pump Station and Wet Well                             | 35233L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 78   | 35234L-000 - RAS/WAS Pump Station                                       | 35234L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 79   | 35236L-000 - Scum Pump Station and Wet Well Project                     | 35236L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 80   | 35237L-000 - Electrical Manhole/Cable Project                           | 35237L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 81   | 3522BL-000 - Headworks Upgrades   | 3522BL-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 82   | CTP Export Eq tank liner on floor failed                                | NEW        | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 83   | 15132 Channel Lining  | 15132      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 84   | 15101 Grit Handling Upgrade   | 15101      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 85   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 86   | 35228L-000 - Building Roof Replacements                                 | 35228L-000 | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 87   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 88   | AWT   |            |            |              |        |        |        |             |        |              |        |              |              |
| 89   | 35221A-000 - Contact Basin Gate   | 35221A     | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 90   |   |            |            |              |        |        |        |             |        |              |        |              |              |
| 91   | 3562-000 - Applied Water Pump System Replacement (AWT) (2017)           | 3562       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 92   | 3562-998 - Applied Water Pump System Replacement (AWT)                  | 3562       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 93   | 3562-999 - Applied Water Pump System Replacement                        | 3562       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 94   | 3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)     | 3596       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 95   | 3596-998 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Sal | 3596       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 96   | 3596-999 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)-Frn | 3596       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 97   | 3538-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)           | 3538       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 98   | 3538-998 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Salary  | 3538       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |

South Orange County Wastewater Authority  
Large Capital Program FY22-23

Total Cash Request FY22/23

| Line | PC 15 Coastal Treatment Plant  | Project ID | Allocation | 16           | 17     | 18     | 19     | 20          | 21     | 22           | 23     | 24           | Total        |
|------|--|------------|------------|--------------|--------|--------|--------|-------------|--------|--------------|--------|--------------|--------------|
|      |  |            |            | CLB          | CSC    | CSJC   | ETWD   | EBSD        | IRWD   | MNWD         | SMWD   | SCWD         |              |
| 99   | 3538-999 - AWT Filter Valve Upgrade Construction (AWT) (2019) - Fringe | 3538       | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 100  |  |            |            |              |        |        |        |             |        |              |        |              |              |
| 101  | SC-15C PC 15 Common Small Cap  | SC-15C     | Liquids    | \$85,676.60  | \$0.00 | \$0.00 | \$0.00 | \$6,757.40  | \$0.00 | \$66,105.00  | \$0.00 | \$67,461.00  | \$226,000.00 |
| 102  | SC-15L PC 15 Liquids Small Cap   | SC-15L     | Liquids    | \$154,293.70 | \$0.00 | \$0.00 | \$0.00 | \$12,169.30 | \$0.00 | \$119,047.50 | \$0.00 | \$121,489.50 | \$407,000.00 |
| 103  | SC-15A PC 15 AWT Small Cap   | SC-15A     | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$7,000.00   | \$7,000.00   |
| 104  |  |            |            |              |        |        |        |             |        |              |        |              |              |
| 105  | TYCIP  |            |            |              |        |        |        |             |        |              |        |              |              |
| 106  | 35231L-000 - Vehicle Storage Building Mezzanine Upgrades               | 35231      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 107  | 15713 North Section Embankment Protection                              | 15713      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 108  | 15813 AWT Building Modifications                                       | 15813      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 109  | 15106 DAF Polymer and DAF Control Building Upgrade                     | 15106      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 110  | 15148 Instrumentation Master Plan                                      | 15148      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 111  | 15133 Operations Building Rehab  | 15133      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 112  | 15145 Export Sludge System Condition Assessment                        | 15145      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 113  | 15714 Aliso - Sulfur Creek Confluence Protection                       | 15714      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 114  | 15815 Effluent Equalization Basin Valve Replacement - Common (AWT)     | 15815      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 115  | 15817 AWT Instrumentation  | 15817      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 116  | 15122 West Corridor Piping Reconstruction                              | 15122      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 117  | 15123 Piping Between RAS/WAS PS and AWT                                | 15123      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 118  | 15110 Potable Water System Relocation                                  | 15110      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 119  | 15115 RAS and WAS Pump Station   | 15115      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 120  | 15121 Auxiliary Blower Bldg Upgrade                                    | 15121      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 121  | 15124 Central Corridor Piping  | 15124      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 122  | 15146 Primary Sedimentation System Condition Assessment                | 15146      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 123  | 15113 Pave Road System   | 15113      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 124  | 15115 RAS and WAS Pump Station   | 15115      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 125  | 15116 Primary Sludge Pump System Design                                | 15116      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 126  | 15127 Headworks Valve Replacement                                      | 15127      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 127  | 15150 Screening Washer/Compactor System                                | 15150      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 128  | 15812 AWT Filter Valve Upgrade   | 15812      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 129  | 15819 AWT Support Equipment  | 15819      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 130  | 15821 AWT Buried Piping  | 15821      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 131  | 15104 DAF System Rehabilitation  | 15104      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 132  | 15117 SCADA System Reconstruction                                      | 15117      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 133  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 134  | 15111 Non-Potable Water System Relocation                              | 15111      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 135  | 15117 SCADA System Reconstruction                                      | 15117      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 136  | 15128 Existing Export Sludge PS Upgrade                                | 15128      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 137  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 138  | 15112 West Primary Sedimentation System Upgrade                        | 15112      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 139  | 15129 Standby Power Reconstruction                                     | 15129      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 140  | 15114 East Primary Sedimentation Upgrade                               | 15114      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 141  | 15120 RAS Hypo Pumps   | 15120      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 142  | 15131 Headworks Miscellaneous Upgrades                                 | 15131      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 143  | 15134 Perimeter Fence Replacement                                      | 15134      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 144  | 15135 Blower Building Roof   | 15135      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 145  | 15136 Export Sludge Pumps  | 15136      | Liquids    | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 146  | 15816 AWT Hypo Pumps   | 15816      | AWT        | \$0.00       | \$0.00 | \$0.00 | \$0.00 | \$0.00      | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       |
| 147  |  |            |            |              |        |        |        |             |        |              |        |              |              |

Orange County Wastewater Authority  
Capital Program FY22-23

Total Cash Request FY22/23

|                               |            |            | 16             | 17     | 18     | 19     | 20           | 21     | 22             | 23     | 24             |                |
|-------------------------------|------------|------------|----------------|--------|--------|--------|--------------|--------|----------------|--------|----------------|----------------|
|                               |            |            | CLB            | CSC    | CSJC   | ETWD   | EBSD         | IRWD   | MNWD           | SMWD   | SCWD           | Total          |
| PC 15 Coastal Treatment Plant | Project ID | Allocation |                |        |        |        |              |        |                |        |                |                |
| Total                         |            |            | \$1,939,563.88 | \$0.00 | \$0.00 | \$0.00 | \$152,975.36 | \$0.00 | \$1,496,498.11 | \$0.00 | \$1,534,195.51 | \$5,123,232.87 |

**ATTACHMENT 2C-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC15 – CTP**

|                               | CLB          | CSC  | CSJC | ETWD | EBSD        | IRWD | MNWD         | SMWD | SCWD         | Total        |
|-------------------------------|--------------|------|------|------|-------------|------|--------------|------|--------------|--------------|
| Project Committee CIP Summary | PC15         | PC15 | PC15 | PC15 | PC15        | PC15 | PC15         | PC15 | PC15         | PC15         |
| FY22/23 Cash Request          | \$1,939,564  | \$0  | \$0  | \$0  | \$152,975   | \$0  | \$1,496,498  | \$0  | \$1,534,196  | \$5,123,233  |
| FY23/24 Cash Request          | \$1,995,635  | \$0  | \$0  | \$0  | \$157,398   | \$0  | \$1,539,761  | \$0  | \$1,578,345  | \$5,271,139  |
| FY24/25 Cash Request          | \$788,755    | \$0  | \$0  | \$0  | \$62,210    | \$0  | \$608,576    | \$0  | \$628,059    | \$2,087,600  |
| FY25/26 Cash Request          | \$689,204    | \$0  | \$0  | \$0  | \$54,358    | \$0  | \$531,765    | \$0  | \$799,673    | \$2,075,000  |
| FY26/27 Cash Request          | \$3,352,343  | \$0  | \$0  | \$0  | \$264,403   | \$0  | \$2,586,548  | \$0  | \$2,646,606  | \$8,849,900  |
| Thereafter Cash Request       | \$9,426,307  | \$0  | \$0  | \$0  | \$743,462   | \$0  | \$7,273,001  | \$0  | \$10,587,334 | \$28,030,104 |
| Total                         | \$18,191,808 | \$0  | \$0  | \$0  | \$1,434,806 | \$0  | \$14,036,149 | \$0  | \$17,774,213 | \$51,436,976 |

# ATTACHMENT 2D

Project level descriptions for  
each project to be active in  
FY22-23 for PC17 - RTP



# FY22-23 Proposed CIP Projects – Regional Treatment Plant (Project Committee 17)

| Project Title    | Project#                           | Current Project Status                             | Project Justification(s)   |
|------------------|------------------------------------|--|--|
| Aeration Project | 3753-000<br>/3787-000<br>/3742-000 | The diffusers are on order, awaiting installation. | The aeration system is at the end of its useful life. The system can not supply sufficient air during peak-loading and can cause odors. The main Turblex blower is obsolete and unsupported by the manufacturer. The diffusers are being done under another project. The remaining elements will be completed under this project. The blowers have a payback of 5 years. |

**Project Elements:**

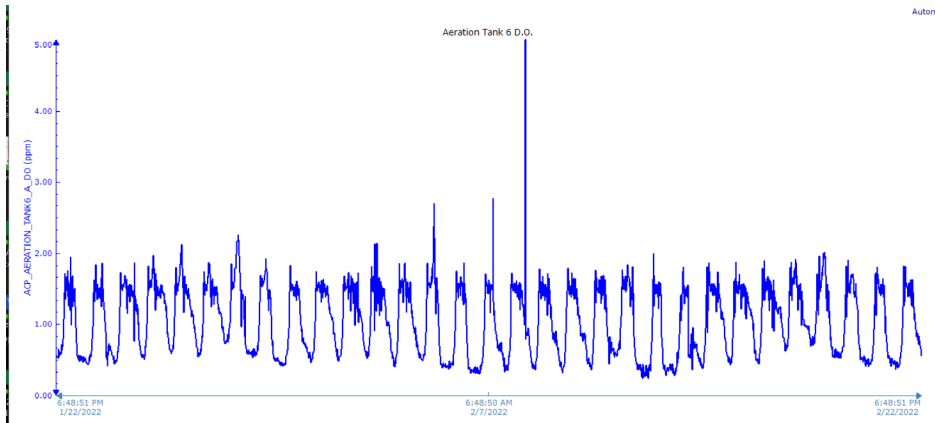
- 1) Replace blowers with turbo blowers.
- 2) Replace blower drivers.
- 3) Install additional control valves for automation of the new system.

**Project Photo(s):**

The manufacturer stopped making the panel replacement material in 2019. The picture below was the last basin rehabilitation. SOCWA typically replaces one basin per year at RTP.



The image below shows that the aeration system drops below the target level of 1 ppm dissolved oxygen every day.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes                     |
|-----------|-----------------|-----------------------------|--------------------|---------------------------|
| FY17-18   | \$0             | \$209,626                   | \$209,626          | Design only               |
| FY18-19   | \$209,626       | \$990,374                   | \$1,200,000        | Design and Diffusers only |
| FY19-20   | \$1,200,000     | \$446,892                   | \$1,646,892        | Design and Diffusers only |
| FY20-21   | \$1,646,892     | \$290,365                   | \$1,937,257        | Design and Diffusers only |
| FY21-22   | \$1,937,257     | \$1,750,000                 | \$3,687,257        | Design and Diffusers only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions / (Reductions) | Proposed FY22-23 Project Budget |
|------------------------|-----------------------------|---------------------------------|
| \$3,687,257            | \$792,100                   | \$4,479,357                     |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$734,207                | \$3,745,150       | \$0               | \$0               | \$0               | \$0               | \$0                  | \$4,479,357     |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| \$366,131                    |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| EBSB   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| ETWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| MNWD   | \$3,379,019                | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$3,379,019           |
| SCWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| Total  | \$3,379,019                | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$3,379,019           |

| Project Title           | Project#            | Current Project Status  | Project Justification(s)   |
|-------------------------|---------------------|---|--|
| AWT No.2 Reconstruction | 3758-000 / 3759-000 | The project design is being updated for bidding. This included removing items completed by O&M staff. | The AWT has elements are beyond the end of their useful lives and failing. |

Project Elements:

- 1) AWT cells equipment and supporting valves (as recommended by the manufacturer)
- 2) AWT electrical gear

Project Photo(s):

Below are excerpts from the 2019 AWT#2 Assessment Report:



Figure 1.3 Concrete Spalling at Flocculation Basin Stop Plate Opening

An example of cracks at the stop plate openings is shown in Figure 1. 4.



the application. Replacement is recommended due to the receiver and age.

Figure 1. 6 Inlet Box with Leaking Inlet Valve

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY19-20   | \$0             | \$2,878,969                 | \$2,878,969        |
| FY20-21   | \$2,878,969     | \$0                         | \$2,878,969        |
| FY21-22   | \$2,878,969     | \$2,620,002                 | \$5,498,971        |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$5,498,971                  | (\$2,878,969)                 | \$2,620,002                              |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$313,385                   | \$2,308,508          | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$2,621,893        |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$144,121                          |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| EBSB   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| ETWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| MNWD   | \$2,164,387                | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$2,164,387           |
| SCWD   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$0                   |
| Total  | \$2,164,387                | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$2,164,387           |

| Project Title         | Project#              | Current Project Status         | Project Justification(s)   |
|-----------------------|-----------------------|--------------------------------|--|
| Admin Building Repair | 3744-000 / 37203C-000 | The design is nearly complete. | A windowpane shifted and created an opening in the building. The shift also caused problems with an emergency exit door. |

Project Elements:

- 1) Stabilize the roof.
- 2) Repair damaged window and door.

Project Photo(s):

Here are some sample photos from the assessment report.



Photo 5: Gap Between the Window and Wall Frame at Door 117



Photo 15: Bowed Mullion - Viewed from Interior



Photo 6: Glass Crack at Door 117

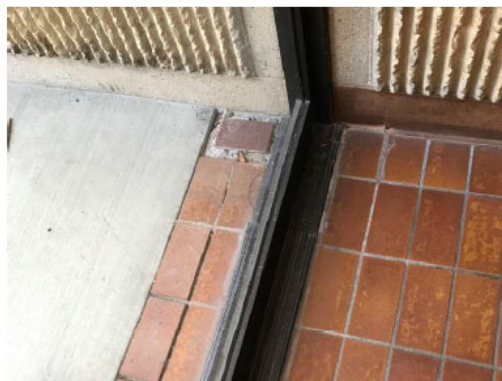


Photo 16: Floor Tile Cracking Next to Sticking Door

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|-----------------------------|--------------------|-------------|
| FY18-19   | \$0             | \$65,000                    | \$65,000           | Design only |
| FY19-20   | \$0             | \$65,000                    | \$65,000           | Design only |
| FY20-21   | \$65,000        | \$67,748                    | \$132,748          |             |
| FY21-22   | \$132,748       | \$0                         | \$132,748          |             |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$197,748                    | (\$72,748)                    | \$125,000                                |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$49,201                    | \$75,799             | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$125,000          |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$13,625                           |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$3,898                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$3,898               |
| EBSB   | \$205                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$205                 |
| ETWD   | \$6,379                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$6,379               |
| MNWD   | \$48,576                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$48,576              |
| SCWD   | \$3,115                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$3,115               |
| Total  | \$62,174                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$62,174              |



| Project Title   | Project#  | Current Project Status    | Project Justification(s)   |
|---|---|---------------------------|--|
| Motor Control Center A, G, and H, and SE Manhole Rehabilitation | 3746-000<br>/3722AL-000<br>/37236S-000<br>/3748-000 | The project is in design. | The electrical gear is beyond the end of its useful life, obsolete, and can no longer be maintained. The manhole has settled and is damaging the electrical systems contained therein. |

Project Elements:

- 1) Motor Control Centers A, G, and H will be replaced.
- 2) Rehabilitate manholes 3 and 4 (SE Manholes).

Project Photo(s):

Here are some sample photos from the 2019 Assessment Report:



MCC-A



MCC-G





MCC-B AND MCC-H

Here are some sample photos from the 2015 Manhole Assessment Report:



Manhole No. 3 (sheet 2 of 7)

Manhole No. 3 (sheet 4 of 7)



Manhole No. 4 (sheet 3 of 4)

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|----------------------------|--------------------|-------------|
| FY18-19   | \$0             | \$210,000                  | \$210,000          | Design Only |
| FY19-20   | \$210,000       | \$0                        | \$210,000          | Design Only |
| FY20-21   | \$0             | \$160,493                  | \$370,493          | Design Only |
| FY21-22   | \$370,493       | \$0                        | \$370,493          | Design Only |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$370,493              | \$1,112,967                | \$1,483,460                     |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$276,038                | \$1,207,422       | \$0               | \$0               | \$0               | \$0               | \$0                  | \$1,483,460     |

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| (\$54,156)                   |

| Agency | FY22-23 Cash Request | FY23-24 Cash Request | FY24-25 Cash Request | FY25-26 Cash Request | FY26-27 Cash Request | Thereafter Cash Request | Total Cash Request |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------------|
| CLB    | \$44,875             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$44,875           |
| EBSB   | \$2,360              | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$2,360            |
| ETWD   | \$79,702             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$79,702           |
| MNWD   | \$1,098,801          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$1,098,801        |
| SCWD   | \$35,841             | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$35,841           |
| Total  | \$1,261,578          | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     | \$1,261,578        |

| Project Title                                     | Project#   | Current Project Status                                      | Project Justification(s)                                     |
|---|--|---|--|
| Facility Improvements - Co-Generation Rep. (2016) | 3722-000<br>/3726-000<br>/3773-000<br>/3791-000<br>/57224S-000 | Grant administration has been an ongoing effort since 2019. | This is a follow-up requirement to receive SGIP grant funds. |

Project Elements:

- 1) Monitoring and reporting daily energy production to the Self Generation Incentive Program (SGIP) administrator for SCE.
- 2) Monitoring and reporting daily digester and natural gas utilization to the SGIP administrator for SCE.
- 3) Providing additional data as requested, including site inspections.

Project Photo(s):



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions /(Reductions) | Approved FY Budget |
|-----------|-----------------|----------------------------|--------------------|
| FY11-12   | \$0             | \$100,000                  | \$100,000          |
| FY12-13   | \$100,000       | \$0                        | \$100,000          |
| FY13-14   | \$100,000       | \$0                        | \$100,000          |
| FY14-15   | \$100,000       | \$1,900,000                | \$2,000,000        |
| FY15-16   | \$2,000,000     | \$0                        | \$2,000,000        |
| FY16-17   | \$2,000,000     | \$3,829,578                | \$5,829,578        |
| FY17-18   | \$5,829,578     | \$286,852                  | \$6,116,430        |
| FY18-19   | \$6,116,430     | \$0                        | \$6,116,430        |
| FY19-20   | \$6,116,430     | \$639,970                  | \$6,756,400        |
| FY20-21   | \$6,756,400     | \$290,688                  | \$7,047,088        |
| FY21-22   | \$7,047,088     | \$296,689                  | \$7,343,777        |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions /(Reductions) | Proposed FY22-23 Project Budget |
|------------------------|----------------------------|---------------------------------|
| \$7,343,777            | \$0                        | \$7,343,777                     |

| Est Actuals Thru 6/30/22(1) | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$6,676,104                 | \$6,000           | \$6,000           | \$6,000           | \$0               | \$0               | \$0                  | \$6,694,104     |

1) Grants have been received against the Total Work Plan.

|                              |
|------------------------------|
| Est. Cash Balance on 6/30/22 |
| \$0                          |

Cash requests from the member agencies will be \$0. Grant funds will be returned to the member agencies minus staff labor and consulting fees to administrate the SGIP grant program.

| Project Title | Project# | Current Project Status   | Project Justification(s)   |
|---------------|----------|--|--|
| SCR Blower    | NEED     | Jenbacher/Stueler have identified the blower as the solution to the SCR overheating and warping the SCR box affecting engine runtime and emissions compliance. | The project will help ensure the selective catalytic reducer (SCR) maintains temperatures within permit compliance specifications and increase cogen engine runtime. |

Project Elements:

- 1) Install a blower on the SCR
- 2) Update cogen SCAQMD permits

Element Descriptions and Project Photo(s):

None

Prior year Budgets:

None

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Budget | FY Additions / (Reductions) | Proposed FY22-23 Budget |
|----------------|-----------------------------|-------------------------|
| \$0            | \$100,000                   | \$100,000               |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$0                      | \$100,000         | \$0               | \$0               | \$0               | \$0               | \$0                  | \$100,000       |

| Est. Cash Balance on 6/30/22 |
|------------------------------|
| \$0                          |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$11,220                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$11,220              |
| EBS    | \$590                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$590                 |
| ETWD   | \$20,410                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$20,410              |
| MNWD   | \$58,820                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$58,820              |
| SCWD   | \$8,960                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$8,960               |
| Total  | \$100,000                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$100,000             |



| Project Title                                     | Project# | Current Project Status   | Project Justification(s)  |
|---|----------|--|---|
| Dewatering Room Floor Sealing and Lighting (2019) | 3750-000 | The lighting was completed under small capital. The flooring system specifications are complete. | The floor allows water to leak onto the 480V electrical gear in the room below, creating a safety hazard. |

Project Elements:

- 1) Clean and seal the floor in the dewatering room.

Project Photo(s):

Residuals from the water leaking through the floor into the electrical room below the dewatering area are pictured below.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY18-19   | \$0             | \$115,000                   | \$115,000          |
| FY19-20   | \$115,000       | \$0                         | \$115,000          |
| FY20-21   | \$115,000       | \$0                         | \$115,000          |
| FY21-22   | \$115,000       | \$0                         | \$115,000          |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$115,000                    | \$0                           | \$115,000                                |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total<br>Work Plan |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$10,937                    | \$104,063               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$115,000          |

|                                       |
|---------------------------------------|
| Est. Cash<br>Balance<br>on<br>6/30/22 |
| \$104,063                             |

| Agency | FY22-23<br>Est. Cash<br>Request | FY23-24<br>Est. Cash<br>Request | FY24-25<br>Est. Cash<br>Request | FY25-26<br>Est. Cash<br>Request | FY26-27<br>Est. Cash<br>Request | Thereafter<br>Est. Cash<br>Request | Total Cash<br>Request |
|--------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|-----------------------|
| CLB    | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |
| EBSB   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |
| ETWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |
| MNWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |
| SCWD   | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |
| Total  | \$0                             | \$0                             | \$0                             | \$0                             | \$0                             | \$0                                | \$0                   |



**ATTACHMENT 2D-1**

**PC Budget Table by Project  
Line Item for PC17 – RTP**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 17 Joint Regional Wastewater Reclamation                 | Project ID | Allocation  | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter | Notes |
|------|---|------------|-------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| 1    | Aeration Project  | multi      | Liquids/AWT | \$4,479,357             | \$734,207                             | \$3,745,150      | \$3,745,150    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 2    | 3753-000 - Aeration Diffuser Upgrade (2020)                 | 3753       | Liquids/AWT | \$1,801,454             | \$410,941                             | \$1,379,093      | \$1,379,093    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 3    | 3753-998 - Aeration Diffuser Upgrade (2020) - Salary        | 3753       | Liquids/AWT |                         | \$3,029                               | \$5,000          | \$5,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 4    | 3753-999 - Aeration Diffuser Upgrade (2020) - Fringe        | 3753       | Liquids/AWT |                         | \$1,391                               | \$2,000          | \$2,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 5    | 3787-000 - Aeration Area Upgrade Design (2018)              | 3787       | Liquids/AWT | \$211,397               | \$211,131                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 6    | 3787-998 - Aeration Area Upgrade Design (2018) (Salary)     | 3787       | Liquids/AWT |                         | \$166                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 7    | 3787-999 - Aeration Area Upgrade Design (2018) (Fringe)     | 3787       | Liquids/AWT |                         | \$100                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 8    | 3742-000 - Aeration System Upgrade (2019)                   | 3742       | Liquids/AWT | \$2,466,506             | \$98,980                              | \$2,352,057      | \$2,352,057    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 9    | 3742-998 - Aeration System Upgrade (2019) - Salary          | 3742       | Liquids/AWT |                         | \$5,063                               | \$5,000          | \$5,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 10   | 3742-999 - Aeration System Upgrade (2019) - Fringe          | 3742       | Liquids/AWT |                         | \$3,405                               | \$2,000          | \$2,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 11   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 12   | AWT Project   | multi      | Liquids/AWT | \$2,620,002             | \$313,385                             | \$2,308,508      | \$2,308,508    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 13   | 3758-000 - AWT No.2 Reconstruction (2020)                   | 3758       | Liquids/AWT | \$2,271,932             | \$271,924                             | \$2,000,008      | \$2,000,008    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 14   | 3758-998 - AWT No.2 Reconstruction (2020) - Salary          | 3758       | Liquids/AWT |                         | \$623                                 | \$5,000          | \$5,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 15   | 3758-999 - AWT No.2 Reconstruction (2020) - Fringe          | 3758       | Liquids/AWT |                         | \$415                                 | \$2,000          | \$2,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 16   | 3759-000 - AWT No.2 Electrical Upgrades (2020)              | 3759       | Liquids/AWT | \$348,070               | \$40,000                              | \$300,000        | \$300,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 17   | 3759-998 - AWT No.2 Electrical Upgrades (2020) (Salary)     | 3759       | Liquids/AWT |                         | \$270                                 | \$1,000          | \$1,000        | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 18   | 3759-999 - AWT No.2 Electrical Upgrades (2020) (Fringe)     | 3759       | Liquids/AWT |                         | \$152                                 | \$500            | \$500          | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 19   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 20   | 2023 Secondary Rehabilitation Project                       |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 21   | 3722CL-000 - Aeration Basin, Gate, and Blower Upgrades      | 3722CL-000 | Liquids/AWT | \$6,248,000             | \$0                                   | \$5,538,000      | \$0            | \$2,769,000    | \$2,769,000    | \$0            | \$0            | \$0        |       |
| 22   | 3722BL-000 - Mixed Liquor Channel design                    | 3722BL-000 | Liquids/AWT | \$579,674               | \$0                                   | \$295,520        | \$0            | \$295,520      | \$0            | \$0            | \$0            | \$0        |       |
| 23   | 3776-000 - Effluent Pond Gate Replacement (2021)            | 3776-000   | Liquids/AWT | \$509,767               | \$0                                   | \$259,881        | \$0            | \$259,881      | \$0            | \$0            | \$0            | \$0        |       |
| 24   | 3756-000 - Secondary Clarifier Safety Repairs (2020)        | 3756-000   | Liquids/AWT | \$118,150               | \$0                                   | \$88,400         | \$0            | \$88,400       | \$0            | \$0            | \$0            | \$0        |       |
| 25   | 37232L-000 - Site Lighting Upgrades - Liquids               | 37232L-000 | Liquids/AWT | \$455,255               | \$0                                   | \$455,255        | \$0            | \$227,627      | \$227,627      | \$0            | \$0            | \$0        |       |
| 26   | 37233L-000 - Secondary Scum Pump Station Reconstruction     | 37233L-000 | Liquids/AWT | \$671,364               | \$0                                   | \$671,364        | \$0            | \$335,682      | \$335,682      | \$0            | \$0            | \$0        |       |
| 27   | 37220L-000 - Interstage Pump Station                        | 37220L-000 | Liquids/AWT | \$106,786               | \$0                                   | \$54,440         | \$0            | \$54,440       | \$0            | \$0            | \$0            | \$0        |       |
| 28   | 47222L-000 - Secondary Effluent Conveyance Evaluation       | 47222L-000 | Liquids/AWT | \$107,347               | \$0                                   | \$54,726         | \$0            | \$54,726       | \$0            | \$0            | \$0            | \$0        |       |
| 29   | 37234L-000 - RAS System Upgrades                            | 37234L-000 | Liquids/AWT | \$58,035                | \$0                                   | \$58,035         | \$0            | \$58,035       | \$0            | \$0            | \$0            | \$0        |       |
| 30   | 3775-000 Aeration Basin Handrail Upgrade                    | 3775-000   | Liquids/AWT | \$159,984               | \$0                                   | \$159,984        | \$0            | \$159,984      | \$0            | \$0            | \$0            | \$0        |       |
| 31   | Primary channel grating (influent and effluent)             | NEW        | Liquids/AWT | \$300,000               | \$0                                   | \$300,000        | \$0            | \$0            | \$300,000      | \$0            | \$0            | \$0        |       |
| 32   | Plant Effluent and Pond Gates                               | NEW        | Liquids/AWT | \$208,000               | \$0                                   | \$208,000        | \$0            | \$208,000      | \$0            | \$0            | \$0            | \$0        |       |
| 33   | 37232C-000 - Site Lighting Upgrades - Common                | 37232C     | Common      | \$375,000               | \$0                                   | \$375,000        | \$0            | \$375,000      | \$0            | \$0            | \$0            | \$0        |       |
| 34   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 35   | 3761-000 - External Lighting Upgrade                        | 3761       | Common      | \$434,617               | \$44,803                              | \$383,704        | \$0            | \$383,704      | \$0            | \$0            | \$0            | \$0        |       |
| 36   | 3761-998 - External Lighting Upgrade                        | 3761       | Common      |                         | \$467                                 | \$4,160          | \$0            | \$4,160        | \$0            | \$0            | \$0            | \$0        |       |
| 37   | 3761-999 - External Lighting Upgrade                        | 3761       | Common      |                         | \$443                                 | \$1,040          | \$0            | \$1,040        | \$0            | \$0            | \$0            | \$0        |       |
| 38   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 39   | 3744-000 - Admin Building Repair Design (2019)              | 3744       | Common      | \$65,000                | \$49,201                              | \$15,799         | \$15,799       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 40   | 37203C-000 - Admin Building Repair Design (2019)            | 37203C     | Common      | \$60,000                | \$0                                   | \$60,000         | \$60,000       | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 41   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 42   | West Side Slope and Drain                                   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 43   | 3745-000 - West Slope Protection Evaluation (2019)          | 3745       | Common      | \$45,761                | \$32,461                              | \$11,000         | \$0            | \$0            | \$0            | \$0            | \$11,000       | \$0        |       |
| 44   | 3745-998 - West Slope Protection Evaluation (2019) - Salary | 3745       | Common      |                         | \$841                                 | \$550            | \$0            | \$0            | \$0            | \$0            | \$550          | \$0        |       |
| 45   | 3745-999 - West Slope Protection Evaluation (2019) - Fringe | 3745       | Common      |                         | \$635                                 | \$275            | \$0            | \$0            | \$0            | \$0            | \$275          | \$0        |       |
| 46   | 37221C-000 - West Slope Protection                          | 37221C     | Common      | \$239,000               | \$0                                   | \$200,000        | \$0            | \$0            | \$0            | \$0            | \$200,000      | \$0        |       |
| 47   | 37228C-000 - West Side Storm Channel Reconstruction         | 37228C     | Common      | \$325,000               | \$0                                   | \$275,000        | \$0            | \$0            | \$0            | \$0            | \$275,000      | \$0        |       |
| 48   | 17337 West Side Storm Channel Reconstruction - Phase I      | 17337      | Common      | \$999,000               | \$0                                   | \$999,000        | \$0            | \$0            | \$0            | \$0            | \$1,098,900    | \$0        |       |
| 49   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |

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|------|---|------------|-------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------|-------|
| 50   | Motor Control Center A, G, H                                      | multi      | L/C         | \$1,483,460             | \$276,038                             | \$1,207,422      | \$1,207,422    | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 51   | 3746-000 - Motor Control Center A, G, H Design (2019)             | 3746       | Common      | \$247,733               | \$238,309                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 52   | 3746-998 - Motor Control Center A, G, H Design (2019) - Salary    | 3746       | Common      |                         | \$5,523                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 53   | 3746-999 - Motor Control Center A, G, H Design (2019) - Fringe    | 3746       | Common      |                         | \$3,901                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 54   | 3722AL-000 - MCC A, C, G, H Replacement                           | 3722AL     | Liquids/AWT | \$787,352               | \$0                                   | \$787,352        | \$787,352      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 55   | 37236S-000 - MCC A, C, G, H Replacement                           | 37236S     | Solids      | \$305,875               | \$0                                   | \$305,875        | \$305,875      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 56   | 3748-000 - SE Electrical Manhole Reconstruction (2019)            | 3748       | Common      | \$142,500               | \$28,305                              | \$114,195        | \$114,195      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 57   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 58   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 59   | 3747-000 - Southside Plant Flooding Evaluation (2019)             | 3747       | Common      | \$45,891                | \$45,529                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 60   | 3747-998 - Southside Plant Flooding Evaluation (2019) (Salary)    | 3747       | Common      |                         | \$206                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 61   | 3747-999 - Southside Plant Flooding Evaluation (2019) (Fringe)    | 3747       | Common      |                         | \$155                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 62   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 63   | 37229C-000 - Laboratory Reconstruction (with assessments project) | 37229C     | Common      | \$153,000               | \$0                                   | \$76,500         | \$0            | \$76,500       | \$0            | \$0            | \$0            | \$0        |       |
| 64   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 65   | 2023 Assessments  |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 66   | 47212C-000 - Site Storage Evaluation                              | 47212C-000 | Common      | \$162,600               | \$0                                   | \$81,300         | \$0            | \$81,300       | \$0            | \$0            | \$0            | \$0        |       |
| 67   | 47224C-000 - Consequence of Failure Analysis                      | 47224C-000 | Common      | \$50,000                | \$50,000                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 68   | 57221C-000 - NFPA 70 Classification Mapping                       | 57221C-000 | Common      | \$60,000                | \$0                                   | \$30,000         | \$0            | \$30,000       | \$0            | \$0            | \$0            | \$0        |       |
| 69   | 57222C-000 - DHS Facility Compliance Review                       | 57222C-000 | Common      | \$35,000                | \$0                                   | \$35,000         | \$0            | \$35,000       | \$0            | \$0            | \$0            | \$0        |       |
| 70   | 57223C-000 - Arc Flash 5-Year Update                              | 57223C-000 | Common      | \$8,000                 | \$0                                   | \$8,000          | \$0            | \$8,000        | \$0            | \$0            | \$0            | \$0        |       |
| 71   | 37237C-000 - Instrumentation Plan                                 | 37237C-000 | Common      | \$100,445               | \$0                                   | \$100,445        | \$0            | \$100,445      | \$0            | \$0            | \$0            | \$0        |       |
| 72   | 17083 Grit Handling Evaluation                                    | 17083      | Liquids/AWT | \$60,000                | \$0                                   | \$60,000         | \$0            | \$60,000       | \$0            | \$0            | \$0            | \$0        |       |
| 73   | 37239S-000 - Digester System Condition Assessment                 | 37239S     | Solids      | \$94,865                | \$0                                   | \$94,865         | \$0            | \$94,865       | \$0            | \$0            | \$0            | \$0        |       |
| 74   | 17330 Energy Building Seismic Analysis                            | 17330      | Common      | \$80,000                | \$0                                   | \$80,000         | \$0            | \$80,000       | \$0            | \$0            | \$0            | \$0        |       |
| 75   | 17354 Energy Building Condition Assessment                        | 17354      | Common      | \$60,000                | \$0                                   | \$60,000         | \$0            | \$60,000       | \$0            | \$0            | \$0            | \$0        |       |
| 76   | 17543 Digester System Condition Assessment                        | 17543      | Solids      | \$85,000                | \$0                                   | \$85,000         | \$0            | \$85,000       | \$0            | \$0            | \$0            | \$0        |       |
| 77   | 17091 Secondary Sedimentation Condition Assessment                | 17091      | Liquids/AWT | \$60,000                | \$0                                   | \$60,000         | \$0            | \$60,000       | \$0            | \$0            | \$0            | \$0        |       |
| 78   | 17357 MCC D, E, & F Condition Assessment                          | 17357      | Common      | \$45,000                | \$0                                   | \$45,000         | \$0            | \$45,000       | \$0            | \$0            | \$0            | \$0        |       |
| 79   | 17089 Headworks Condition Assessment                              | 17089      | Liquids/AWT | \$50,000                | \$0                                   | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0        |       |
| 80   | NEW - Operations Building Assessment                              | NEW        | Common      | \$25,000                | \$0                                   | \$25,000         | \$0            | \$25,000       | \$0            | \$0            | \$0            | \$0        |       |
| 81   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 82   | Cogen   | Multi      | Solids      | \$7,343,777             | \$6,676,104                           | \$18,000         | \$6,000        | \$6,000        | \$6,000        | \$0            | \$0            | \$0        | Grant |
| 83   | 3726-000 Co-Generation System Retrofit Design                     | 3726       | Solids      | \$85,001                | \$85,001                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Grant |
| 84   | 3791-000 - Cogeneration Area Upgrade Project Completion (2018)    | 3791       | Solids      | \$18,000                | \$6,000                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Grant |
| 85   | 3773-000 - Co-Generation System Modifications (2020)              | 3773       | Solids      | \$290,689               | \$290,689                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Grant |
| 86   | 57224S-000 - Cogen SGIP   | 57224S     | Solids      | \$6,000                 | \$6,000                               | \$18,000         | \$6,000        | \$6,000        | \$6,000        | \$0            | \$0            | \$0        | Grant |
| 87   | 3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)         | 3722       | Solids      | \$6,944,086             | \$6,288,414                           | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        | Grant |
| 88   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 89   | SCR Blower  | NEW        | Solids      | \$100,000               | \$0                                   | \$100,000        | \$100,000      | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 90   |   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 91   | Solids Area Upgrade   |            |             |                         |                                       |                  |                |                |                |                |                |            |       |
| 92   | 3789-000 - Switchgear Upgrade Project Completion (2018)           | 3789       | Solids      | \$14,666                | \$14,666                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 93   | 3790-000 - Solids Area Upgrade Design (2018)                      | 3790       | Solids      | \$341,550               | \$339,992                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 94   | 3790-998 - Solids Area Upgrade Design (2018) (Salary)             | 3790       | Solids      |                         | \$1,559                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 95   | 3790-999 - Solids Area Upgrade Design (2018) (Fringe)             | 3790       | Solids      |                         | \$919                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0        |       |
| 96   | 37231S-000 - Solids Area Overhaul Plan                            | 37231S     | Solids      | \$100,445               | \$0                                   | \$100,445        | \$0            | \$100,445      | \$0            | \$0            | \$0            | \$0        |       |
| 97   | 3754-000 - SET Piping Reconstruction (2019)                       | 3754       | Solids      | \$54,500                | \$0                                   | \$54,500         | \$0            | \$54,500       | \$0            | \$0            | \$0            | \$0        |       |
| 98   | 3772-000 - Hot Water Piping Reconstruction (2020)                 | 3772       | Solids      | \$300,000               | \$0                                   | \$300,000        | \$0            | \$300,000      | \$0            | \$0            | \$0            | \$0        |       |

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|------|--|------------|-------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------|---------|
| 99   | 3749-000 - Phase I Solids Piping Upgrade (2019)              | 3749       | Solids      | \$429,585               | \$34,330                              | \$394,330        | \$0            | \$394,330      | \$0            | \$0            | \$0            | \$0         |         |
| 100  | 3749-998 - Phase I Solids Piping Upgrade (2019) - Salary     | 3749       | Solids      |                         | \$556                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |         |
| 101  | 3749-999 - Phase I Solids Piping Upgrade (2019) - Fringe     | 3749       | Solids      |                         | \$369                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |         |
| 102  | 3771-000 - Miscellaneous Safety Improvements - Solids (2020) | 3771       | Solids      | \$141,649               | \$0                                   | \$141,649        | \$0            | \$141,649      | \$0            | \$0            | \$0            | \$0         |         |
| 103  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 104  | 3750-000 - Dewatering Room Floor Sealing and Lighting (2019) | 3750       | Solids      | \$115,000               | \$10,937                              | \$104,063        | \$104,063      | \$0            | \$0            | \$0            | \$0            | \$0         |         |
| 105  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 106  | 2024 Electrical Rehabilitation                               |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 107  | 17342 Electrical Box Reconstruction/Phase I                  | 17342      | Common      | \$1,602,000             | \$0                                   | \$1,602,000      | \$0            | \$0            | \$1,602,000    | \$0            | \$0            | \$0         |         |
| 108  | 17074 WAS Pump VFD Panel Reconstruction                      | 17074      | Liquids     | \$143,520               | \$0                                   | \$143,520        | \$0            | \$0            | \$143,520      | \$0            | \$0            | \$0         |         |
| 109  | 17538 Digested and Eq Sludge Pump VFD Replacement            | 17538      | Solids      | \$287,040               | \$0                                   | \$287,040        | \$0            | \$0            | \$287,040      | \$0            | \$0            | \$0         |         |
| 110  | 17526 MCC D Replacement                                      | 17526      | Solids      | \$520,015               | \$0                                   | \$520,015        | \$0            | \$0            | \$520,015      | \$0            | \$0            | \$0         |         |
| 111  | 17079 MCC E Replacement                                      | 17079      | Common      | \$354,102               | \$0                                   | \$354,102        | \$0            | \$0            | \$354,102      | \$0            | \$0            | \$0         |         |
| 112  | 17347 Electrical Box Reconstruction/Phase II                 | 17347      | Common      | \$2,210,400             | \$0                                   | \$2,210,400      | \$0            | \$0            | \$2,210,400    | \$0            | \$0            | \$0         |         |
| 113  | Carollo Generator Study - resulting project                  | NEW        | Common      | \$800,000               | \$0                                   | \$800,000        | \$0            | \$0            | \$800,000      | \$0            | \$0            | \$0         |         |
| 114  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 115  | Odor Scrubber Overhaul                                       |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 116  | 17052 Odor Control Scrubber No.1 Replacement                 | 17052      | Liquids     | \$5,877,879             | \$0                                   | \$5,877,879      | \$0            | \$0            | \$0            | \$5,877,879    | \$0            | \$0         |         |
| 117  | 17071 Odor Control Scrubber No.2 Replacement                 | 17071      | Liquids     | \$2,927,673             | \$0                                   | \$2,927,673      | \$0            | \$0            | \$0            | \$2,927,673    | \$0            | \$0         |         |
| 118  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 119  | 2025 Building Rehabilitations                                |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 120  | 17329 Laboratory Reconstruction Construction                 | 17329      | Common      | \$1,042,416             | \$0                                   | \$1,042,416      | \$0            | \$0            | \$0            | \$1,042,416    | \$0            | \$0         |         |
| 121  | 17331 Energy Building Repair and Rehabilitation              | 17331      | Solids      | \$1,645,812             | \$0                                   | \$1,645,812      | \$0            | \$0            | \$0            | \$1,645,812    | \$0            | \$0         |         |
| 122  | 17332 Maintenance Shop Rehabilitation                        | 17332      | Common      | \$315,817               | \$0                                   | \$315,817        | \$0            | \$0            | \$0            | \$315,817      | \$0            | \$0         |         |
| 123  | 17345 Energy Building HVAC Upgrade                           | 17345      | Common      | \$472,992               | \$0                                   | \$472,992        | \$0            | \$0            | \$0            | \$472,992      | \$0            | \$0         |         |
| 124  | 17525 Solids Building Structural Rehabilitation              | 17525      | Solids      | \$305,500               | \$0                                   | \$305,500        | \$0            | \$0            | \$0            | \$305,500      | \$0            | \$0         |         |
| 125  | 17528 Heating System Reconstruction                          | 17528      | Common      | \$1,778,173             | \$0                                   | \$1,778,173      | \$0            | \$0            | \$0            | \$1,778,173    | \$0            | \$0         |         |
| 126  | 17529 Digester Gas Management Building Rehabilitation        | 17529      | Solids      | \$372,109               | \$0                                   | \$372,109        | \$0            | \$0            | \$0            | \$372,109      | \$0            | \$0         |         |
| 127  | 3722AC-000 - RTP Energy Building Upgrades - Common           | 3722AC     | Common      | \$750,000               | \$0                                   | \$750,000        | \$0            | \$0            | \$0            | \$750,000      | \$0            | \$0         |         |
| 128  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 129  | Centrifuge Replacement Project                               |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 130  | 17532 Dewatering System Reconstruction                       | 17532      | Solids      | \$7,153,632             | \$0                                   | \$7,153,632      | \$0            | \$0            | \$0            | \$0            | \$7,153,632    | \$0         |         |
| 131  | 17533 Solids Conveyor Replacement                            | 17533      | Solids      | \$3,810,150             | \$0                                   | \$3,810,150      | \$0            | \$0            | \$0            | \$0            | \$3,810,150    | \$0         |         |
| 132  | 17534 Storage and Truck loading Rehabilitation               | 17534      | Solids      | \$787,752               | \$0                                   | \$787,752        | \$0            | \$0            | \$0            | \$0            | \$787,752      | \$0         |         |
| 133  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 134  | SC-17L PC 17 Liquids Small Cap                               | SC-17L     | Liquids/AWT | \$3,190,000             |                                       | \$2,900,000      | \$290,000      | \$290,000      | \$290,000      | \$290,000      | \$290,000      | \$1,450,000 |         |
| 135  | SC-17S PC 17 Solids Small Cap                                | SC-17S     | Solids      | \$1,859,000             |                                       | \$1,690,000      | \$169,000      | \$169,000      | \$169,000      | \$169,000      | \$169,000      | \$845,000   |         |
| 136  | SC-17C PC 17 Common Small Cap                                | SC-17C     | Common      | \$2,288,000             |                                       | \$2,080,000      | \$208,000      | \$208,000      | \$208,000      | \$208,000      | \$208,000      | \$1,040,000 |         |
| 137  | SC-17A PC 17 AWT Small Cap                                   | SC-17A     | Liquids/AWT | \$759,000               |                                       | \$690,000        | \$69,000       | \$69,000       | \$69,000       | \$69,000       | \$69,000       | \$345,000   |         |
| 138  |  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 139  | TYCIP  |            |             |                         |                                       |                  |                |                |                |                |                |             |         |
| 140  | 37235L-000 - Primary Sedimentation Collectors and Gates      | 37235L     | Liquids/AWT | \$250,000               | \$0                                   | \$250,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$250,000   | FY27-28 |
| 141  | 37238L-000 - Grit Handling                                   | 37238L     | Liquids/AWT | \$150,000               | \$0                                   | \$150,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$150,000   | FY27-28 |
| 142  | 17055 Primary Gallery Upgrade Phase II                       | 17055      | Liquids/AWT | \$1,600,000             | \$0                                   | \$1,600,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,600,000 | FY27-28 |
| 143  | 17080 Primary Scum Skimmer                                   | 17080      | Liquids/AWT | \$1,650,000             | \$0                                   | \$1,650,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,650,000 | FY27-28 |
| 144  | 17320 Plant Drainage Pump Station Reconstruction             | 17320      | Common      | \$750,000               | \$0                                   | \$750,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$750,000   | FY27-28 |
| 145  | 17323 PW Hypochlorite Pump and Instrument Replacement        | 17323      | Liquids/AWT | \$200,000               | \$0                                   | \$200,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$200,000   | FY27-28 |
| 146  | 17355 Pavement and Surface Drainage Master Plan              | 17355      | Common      | \$110,000               | \$0                                   | \$110,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$110,000   | FY27-28 |
| 147  | 17092 DAF System Condition Assessment                        | 17092      | Solids      | \$75,000                | \$0                                   | \$75,000         | \$0            | \$0            | \$0            | \$0            | \$0            | \$75,000    | FY27-28 |

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| Line | PC 17 Joint Regional Wastewater Reclamation                               | Project ID | Allocation  | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter   | Notes   |
|------|---|------------|-------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|--------------|---------|
| 148  | 17325 Process Water Contact Basin Gate and Valve Replacement              | 17325      | Common      | \$300,000               | \$0                                   | \$300,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$300,000    | FY27-28 |
| 149  | 17340 Plant Water Pump Screen Replacement                                 | 17340      | Common      | \$260,000               | \$0                                   | \$260,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$260,000    | FY27-28 |
| 150  | 17341 Lube Oil Tank Replacement   | 17341      | Common      | \$150,000               | \$0                                   | \$150,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$150,000    | FY27-28 |
| 151  | 17721 AWT No.2 Contact Basin Upgrades                                     | 17721      | Liquids/AWT | \$300,000               | \$0                                   | \$300,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$300,000    | FY27-28 |
| 152  | 17053 Headworks Process Equipment Replacement                             | 17053      | Liquids/AWT | \$2,896,045             | \$0                                   | \$2,896,045      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,896,045  | FY28-29 |
| 153  | 17064 RAS Hypochlorite Pump and Instrument Replacement                    | 17064      | Liquids/AWT | \$161,400               | \$0                                   | \$161,400        | \$0            | \$0            | \$0            | \$0            | \$0            | \$161,400    | FY28-29 |
| 154  | 17066 Replace Effluent Flow Meter Weir and Level Transmitter              | 17066      | Liquids/AWT | \$93,600                | \$0                                   | \$93,600         | \$0            | \$0            | \$0            | \$0            | \$0            | \$93,600     | FY28-29 |
| 155  | 17068 TWAS System Reconstruction  | 17068      | Liquids/AWT | \$346,320               | \$0                                   | \$346,320        | \$0            | \$0            | \$0            | \$0            | \$0            | \$346,320    | FY28-29 |
| 156  | 17322 Plant Water Pumping System Reconstruction                           | 17322      | Common      | \$548,353               | \$0                                   | \$548,353        | \$0            | \$0            | \$0            | \$0            | \$0            | \$548,353    | FY28-29 |
| 157  | 17523 Sludge Equalization System Mechanical and Electrical Rehabilitation | 17523      | Solids      | \$1,809,604             | \$0                                   | \$1,809,604      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,809,604  | FY28-29 |
| 158  | 17059 RAS Pump Station Reconstruction                                     | 17059      | Liquids/AWT | \$2,883,996             | \$0                                   | \$2,883,996      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,883,996  | FY28-29 |
| 159  | 17321 Chlorine Building Rehabilitation                                    | 17321      | Liquids/AWT | \$229,320               | \$0                                   | \$229,320        | \$0            | \$0            | \$0            | \$0            | \$0            | \$229,320    | FY28-29 |
| 160  | 17334 Storage Building Project  | 17334      | Common      | \$899,308               | \$0                                   | \$899,308        | \$0            | \$0            | \$0            | \$0            | \$0            | \$899,308    | FY28-29 |
| 161  | 17335 Site Pavement Reconstruction  | 17335      | Common      | \$1,006,740             | \$0                                   | \$1,006,740      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,006,740  | FY28-29 |
| 162  | 17351 Underground Piping Reconstruction Area C                            | 17351      | Common      | \$525,410               | \$0                                   | \$525,410        | \$0            | \$0            | \$0            | \$0            | \$0            | \$525,410    | FY28-29 |
| 163  | 17352 Underground Piping Reconstruction Area D                            | 17352      | Solids      | \$291,132               | \$0                                   | \$291,132        | \$0            | \$0            | \$0            | \$0            | \$0            | \$291,132    | FY28-29 |
| 164  | 17722 AWT Control Building Structural, Mechanical and Electrical Upgrade  | 17722      | Liquids/AWT | \$500,175               | \$0                                   | \$500,175        | \$0            | \$0            | \$0            | \$0            | \$0            | \$500,175    | FY28-29 |
| 165  | 17723 AWT No.2 Applied Water Pump System                                  | 17723      | Liquids/AWT | \$212,160               | \$0                                   | \$212,160        | \$0            | \$0            | \$0            | \$0            | \$0            | \$212,160    | FY28-29 |
| 166  | 17058 Secondary Sedimentation Basin Reconstruction                        | 17058      | Liquids/AWT | \$4,079,652             | \$0                                   | \$4,079,652      | \$0            | \$0            | \$0            | \$0            | \$0            | \$4,079,652  | FY29-30 |
| 167  | 17522 Emulsion Polymer Feed System Replacement                            | 17522      | Solids      | \$317,250               | \$0                                   | \$317,250        | \$0            | \$0            | \$0            | \$0            | \$0            | \$317,250    | FY29-30 |
| 168  | 17067 DAF Collector Recoating and Cover Replacement                       | 17067      | Solids      | \$786,450               | \$0                                   | \$786,450        | \$0            | \$0            | \$0            | \$0            | \$0            | \$786,450    | FY30-31 |
| 169  | 17520 Ferric Chloride System Reconstruction                               | 17520      | Liquids/AWT | \$763,812               | \$0                                   | \$763,812        | \$0            | \$0            | \$0            | \$0            | \$0            | \$763,812    | FY30-31 |
| 170  | 17527 Anaerobic Digester System Reconstruction                            | 17527      | Solids      | \$12,408,014            | \$0                                   | \$12,408,014     | \$0            | \$0            | \$0            | \$0            | \$0            | \$12,408,014 | FY33-34 |
| 171  | 17530 Digested Sludge Pump System Reconstruction                          | 17530      | Solids      | \$544,963               | \$0                                   | \$544,963        | \$0            | \$0            | \$0            | \$0            | \$0            | \$544,963    | FY30-31 |
| 172  | 17535 Odor Control Scrubber No.3 Replacement                              | 17535      | Solids      | \$1,558,862             | \$0                                   | \$1,558,862      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,558,862  | FY30-31 |
| 173  | 17075 Polymer Storage Tank - Mannich Replacement                          | 17075      | Solids      | \$251,899               | \$0                                   | \$251,899        | \$0            | \$0            | \$0            | \$0            | \$0            | \$251,899    | FY31-32 |
| 174  | 17521 Bulk Polymer Storage and Transfer System Reconstruction             | 17521      | Solids      | \$293,842               | \$0                                   | \$293,842        | \$0            | \$0            | \$0            | \$0            | \$0            | \$293,842    | FY31-32 |
| 175  | 17531 MCC M Replacement   | 17531      | Common      | \$490,666               | \$0                                   | \$490,666        | \$0            | \$0            | \$0            | \$0            | \$0            | \$490,666    | FY31-32 |
| 176  | 17727 MCC L Replacement   | 17727      | Common      | \$436,098               | \$0                                   | \$436,098        | \$0            | \$0            | \$0            | \$0            | \$0            | \$436,098    | FY31-32 |
| 177  | 17054 Primary Sedimentation Basin Upgrade                                 | 17054      | Liquids/AWT | \$1,692,000             | \$0                                   | \$1,692,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,692,000  | FY32-33 |
| 178  | 17063 WAS Pump Station Reconstruction                                     | 17063      | Liquids/AWT | \$468,825               | \$0                                   | \$468,825        | \$0            | \$0            | \$0            | \$0            | \$0            | \$468,825    | FY32-33 |
| 179  | 17072 Grit Management Facility  | 17072      | Liquids/AWT | \$1,781,175             | \$0                                   | \$1,781,175      | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,781,175  | FY32-33 |
| 180  | 17078 MCC 30310 Replacement   | 17078      | Liquids/AWT | \$466,291               | \$0                                   | \$466,291        | \$0            | \$0            | \$0            | \$0            | \$0            | \$466,291    | FY32-33 |
| 181  | 17336 Perimeter Fence Replacement   | 17336      | Common      | \$800,000               | \$0                                   | \$800,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$800,000    | FY33-34 |
| 182  | 17353 SCADA System Upgrade Project/2nd Phase                              | 17353      | Common      | \$2,025,270             | \$0                                   | \$2,025,270      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,025,270  | FY33-34 |
| 183  | 17725 AWT SCADA System Upgrade  | 17725      | Liquids/AWT | \$146,669               | \$0                                   | \$146,669        | \$0            | \$0            | \$0            | \$0            | \$0            | \$146,669    | FY33-34 |
| 184  | 17726 AWT No.2 Filter Sand Replacement and Underdrain Rehabilitation      | 17726      | Liquids/AWT | \$358,313               | \$0                                   | \$358,313        | \$0            | \$0            | \$0            | \$0            | \$0            | \$358,313    | FY33-34 |
| 185  | 17728 AWT WQ Instrumentation Replacement                                  | 17728      | Liquids/AWT | \$134,550               | \$0                                   | \$134,550        | \$0            | \$0            | \$0            | \$0            | \$0            | \$134,550    | FY33-34 |
| 186  |   |            |             |                         |                                       |                  |                |                |                |                |                |              |         |
| 187  | Total   |            |             | \$120,020,674           | \$8,627,803                           | \$108,354,452    | \$8,282,942    | \$7,899,233    | \$10,291,386   | \$16,224,370   | \$14,073,259   | \$51,683,162 |         |

**ATTACHMENT 2D-2**  
**PC Planned Cash Request**  
**Table by Project Line Item**  
**for PC17 – RTP**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 17 Joint Regional Wastewater Reclamation                 | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 1    | Aeration Project  | \$442,169            | \$450,000         | \$366,131                          | \$3,745,150                     | \$3,379,019                      | \$1,689,509                   | \$1,690,991                   | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 2    | 3753-000 - Aeration Diffuser Upgrade (2020)                 | \$338,557            | \$450,000         | \$378,950                          | \$1,379,093                     | \$1,000,143                      | \$506,583                     | \$506,583                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 3    | 3753-998 - Aeration Diffuser Upgrade (2020) - Salary        | -\$3,831             | \$0               | -\$4,632                           | \$5,000                         | \$9,632                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 4    | 3753-999 - Aeration Diffuser Upgrade (2020) - Fringe        | -\$1,391             | \$0               | -\$1,391                           | \$2,000                         | \$3,391                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 5    | 3787-000 - Aeration Area Upgrade Design (2018)              | \$18,379             | \$0               | \$3,379                            | \$0                             | -\$3,379                         | -\$1,481                      | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 6    | 3787-998 - Aeration Area Upgrade Design (2018) (Salary)     | -\$166               | \$0               | -\$266                             | \$0                             | \$266                            | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 7    | 3787-999 - Aeration Area Upgrade Design (2018) (Fringe)     | -\$100               | \$0               | -\$150                             | \$0                             | \$150                            | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 8    | 3742-000 - Aeration System Upgrade (2019)                   | \$100,000            | \$0               | \$1,020                            | \$2,352,057                     | \$2,351,037                      | \$1,184,408                   | \$1,184,408                   | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 9    | 3742-998 - Aeration System Upgrade (2019) - Salary          | -\$5,598             | \$0               | -\$6,598                           | \$5,000                         | \$11,598                         | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 10   | 3742-999 - Aeration System Upgrade (2019) - Fringe          | -\$3,682             | \$0               | -\$4,182                           | \$2,000                         | \$6,182                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 11   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 12   | AWT Project   | \$384,721            | \$0               | \$144,121                          | \$2,308,508                     | \$2,164,387                      | \$1,082,194                   | \$1,082,194                   | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 13   | 3758-000 - AWT No.2 Reconstruction (2020)                   | \$280,818            | \$0               | \$80,818                           | \$2,000,008                     | \$1,919,190                      | \$963,764                     | \$963,764                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 14   | 3758-998 - AWT No.2 Reconstruction (2020) - Salary          | -\$623               | \$0               | -\$823                             | \$5,000                         | \$5,823                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 15   | 3758-999 - AWT No.2 Reconstruction (2020) - Fringe          | -\$415               | \$0               | -\$515                             | \$2,000                         | \$2,515                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 16   | 3759-000 - AWT No.2 Electrical Upgrades (2020)              | \$105,364            | \$0               | \$65,364                           | \$300,000                       | \$234,636                        | \$118,429                     | \$118,429                     | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 17   | 3759-998 - AWT No.2 Electrical Upgrades (2020) (Salary)     | -\$270               | \$0               | -\$470                             | \$1,000                         | \$1,470                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 18   | 3759-999 - AWT No.2 Electrical Upgrades (2020) (Fringe)     | -\$152               | \$0               | -\$252                             | \$500                           | \$752                            | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 19   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 20   | 2023 Secondary Rehabilitation Project                       |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 21   | 3722CL-000 - Aeration Basin, Gate, and Blower Upgrades      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$2,769,000                | \$2,769,000                | \$0                        | \$0                        | \$0                           |
| 22   | 3722BL-000 - Mixed Liquor Channel design                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$295,520                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 23   | 3776-000 - Effluent Pond Gate Replacement (2021)            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$259,881                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 24   | 3756-000 - Secondary Clarifier Safety Repairs (2020)        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$88,400                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 25   | 37232L-000 - Site Lighting Upgrades - Liquids               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$227,627                  | \$227,627                  | \$0                        | \$0                        | \$0                           |
| 26   | 37233L-000 - Secondary Scum Pump Station Reconstruction     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$335,682                  | \$335,682                  | \$0                        | \$0                        | \$0                           |
| 27   | 37220L-000 - Interstage Pump Station                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$54,440                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 28   | 47222L-000 - Secondary Effluent Conveyance Evaluation       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$54,726                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 29   | 37234L-000 - RAS System Upgrades                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$58,035                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 30   | 3775-000 Aeration Basin Handrail Upgrade                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$159,984                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 31   | Primary channel grating (influent and effluent)             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$300,000                  | \$0                        | \$0                        | \$0                           |
| 32   | Plant Effluent and Pond Gates                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$208,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 33   | 37232C-000 - Site Lighting Upgrades - Common                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$375,000                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 34   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 35   | 3761-000 - External Lighting Upgrade                        | \$373,946            | \$0               | \$373,035                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$383,704                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 36   | 3761-998 - External Lighting Upgrade                        | -\$467               | \$0               | -\$467                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$4,160                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 37   | 3761-999 - External Lighting Upgrade                        | -\$443               | \$0               | -\$443                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$1,040                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 38   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 39   | 3744-000 - Admin Building Repair Design (2019)              | \$13,625             | \$0               | \$13,625                           | \$15,799                        | \$2,174                          | \$1,087                       | \$1,087                       | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 40   | 37203C-000 - Admin Building Repair Design (2019)            | \$0                  | \$0               | \$0                                | \$60,000                        | \$60,000                         | \$30,000                      | \$30,000                      | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 41   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 42   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 43   | 3745-000 - West Slope Protection Evaluation (2019)          | \$36,064             | \$0               | \$34,588                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$11,000                   | \$0                           |
| 44   | 3745-998 - West Slope Protection Evaluation (2019) - Salary | -\$841               | \$0               | -\$841                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$550                      | \$0                           |
| 45   | 3745-999 - West Slope Protection Evaluation (2019) - Fringe | -\$635               | \$0               | -\$635                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$275                      | \$0                           |
| 46   | 37221C-000 - West Slope Protection                          | \$0                  | \$0               | -\$108,313                         | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$200,000                  | \$0                           |
| 47   | 37228C-000 - West Side Storm Channel Reconstruction         | \$0                  | \$0               | -\$54,156                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$275,000                  | \$0                           |
| 48   | 17337 West Side Storm Channel Reconstruction - Phase I      | \$0                  | \$0               | -\$54,156                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$1,098,900                | \$0                           |
| 49   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |



South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 17 Joint Regional Wastewater Reclamation                       | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 50   | Motor Control Center A, G, H                                      | \$87,187             | \$0               | -\$54,156                          | \$1,207,422                     | \$1,261,578                      | \$357,482                     | \$357,482                     | \$273,307                     | \$273,307                     | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 51   | 3746-000 - Motor Control Center A, G, H Design (2019)             | \$96,610             | \$0               | -\$36,233                          | \$0                             | \$36,233                         | \$23,578                      | \$23,578                      | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 52   | 3746-998 - Motor Control Center A, G, H Design (2019) - Salary    | -\$5,523             | \$0               | -\$6,523                           | \$0                             | \$6,523                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 53   | 3746-999 - Motor Control Center A, G, H Design (2019) - Fringe    | -\$3,901             | \$0               | -\$4,401                           | \$0                             | \$4,401                          | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 54   | 3722AL-000 - MCC A, C, G, H Replacement                           | \$0                  | \$0               | \$0                                | \$787,352                       | \$787,352                        | \$196,838                     | \$196,838                     | \$196,838                     | \$196,838                     | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 55   | 37236S-000 - MCC A, C, G, H Replacement                           | \$0                  | \$0               | \$0                                | \$305,875                       | \$305,875                        | \$76,469                      | \$76,469                      | \$76,469                      | \$76,469                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 56   | 3748-000 - SE Electrical Manhole Reconstruction (2019)            | \$0                  | \$0               | -\$7,000                           | \$114,195                       | \$121,195                        | \$60,598                      | \$60,598                      | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 57   | \$0   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 58   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 59   | 3747-000 - Southside Plant Flooding Evaluation (2019)             | \$15,109             | \$0               | \$3,748                            | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 60   | 3747-998 - Southside Plant Flooding Evaluation (2019) (Salary)    | -\$206               | \$0               | -\$206                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 61   | 3747-999 - Southside Plant Flooding Evaluation (2019) (Fringe)    | -\$155               | \$0               | -\$155                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 62   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 63   | 37229C-000 - Laboratory Reconstruction (with assessments project) | \$0                  | \$38,250          | \$38,250                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$38,250                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 64   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 65   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 66   | 47212C-000 - Site Storage Evaluation                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$81,300                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 67   | 47224C-000 - Consequence of Failure Analysis                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 68   | 57221C-000 - NFPA 70 Classification Mapping                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$30,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 69   | 57222C-000 - DHS Facility Compliance Review                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$35,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 70   | 57223C-000 - Arc Flash 5-Year Update                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$8,000                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 71   | 37237C-000 - Instrumentation Plan                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$100,445                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 72   | 17083 Grit Handling Evaluation                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$60,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 73   | 37239S-000 - Digester System Condition Assessment                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$94,865                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 74   | 17330 Energy Building Seismic Analysis                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$80,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 75   | 17354 Energy Building Condition Assessment                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$60,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 76   | 17543 Digester System Condition Assessment                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$85,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 77   | 17091 Secondary Sedimentation Condition Assessment                | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$60,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 78   | 17357 MCC D, E, & F Condition Assessment                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$45,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 79   | 17089 Headworks Condition Assessment                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$50,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 80   | NEW - Operations Building Assessment                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$25,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 81   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 82   | Cogen   | \$223,685            | \$6,000           | \$0                                | \$6,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 83   | 3726-000 Co-Generation System Retrofit Design                     | -\$3,335             | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 84   | 3791-000 - Cogeneration Area Upgrade Project Completion (2018)    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 85   | 3773-000 - Co-Generation System Modifications (2020)              | \$227,020            | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 86   | 57224S-000 - Cogen SGIP   | \$0                  | \$6,000           | \$0                                | \$6,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 87   | 3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)         | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 88   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 89   | SCR Blower  | \$0                  | \$0               | \$0                                | \$100,000                       | \$100,000                        | \$0                           | \$0                           | \$100,000                     | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 90   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 91   |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 92   | 3789-000 - Switchgear Upgrade Project Completion (2018)           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 93   | 3790-000 - Solids Area Upgrade Design (2018)                      | \$0                  | \$0               | -\$128,214                         | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$128,214                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 94   | 3790-998 - Solids Area Upgrade Design (2018) (Salary)             | -\$1,559             | \$0               | -\$2,559                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$2,559                    | \$0                        | \$0                        | \$0                        | \$0                           |
| 95   | 3790-999 - Solids Area Upgrade Design (2018) (Fringe)             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 96   | 37231S-000 - Solids Area Overhaul Plan                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$100,445                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 97   | 3754-000 - SET Piping Reconstruction (2019)                       | \$54,500             | \$0               | \$54,500                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$54,500                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 98   | 3772-000 - Hot Water Piping Reconstruction (2020)                 | \$313,178            | \$0               | \$313,178                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$300,000                  | \$0                        | \$0                        | \$0                        | \$0                           |



South Orange County Wastewater Authority  
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| Line | PC 17 Joint Regional Wastewater Reclamation                  | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 99   | 3749-000 - Phase I Solids Piping Upgrade (2019)              | \$400,000            | \$0               | \$388,370                          | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$394,330                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 100  | 3749-998 - Phase I Solids Piping Upgrade (2019) - Salary     | -\$823               | \$0               | -\$1,023                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 101  | 3749-999 - Phase I Solids Piping Upgrade (2019) - Fringe     | -\$507               | \$0               | -\$607                             | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 102  | 3771-000 - Miscellaneous Safety Improvements - Solids (2020) | \$77,702             | \$0               | \$77,702                           | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$141,649                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 103  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 104  | 3750-000 - Dewatering Room Floor Sealing and Lighting (2019) | \$104,063            | \$0               | \$104,063                          | \$104,063                       | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 105  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 106  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 107  | 17342 Electrical Box Reconstruction/Phase I                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$1,602,000                | \$0                        | \$0                        | \$0                           |
| 108  | 17074 WAS Pump VFD Panel Reconstruction                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$143,520                  | \$0                        | \$0                        | \$0                           |
| 109  | 17538 Digested and Eq Sludge Pump VFD Replacement            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$287,040                  | \$0                        | \$0                        | \$0                           |
| 110  | 17526 MCC D Replacement                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$520,015                  | \$0                        | \$0                        | \$0                           |
| 111  | 17079 MCC E Replacement                                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$354,102                  | \$0                        | \$0                        | \$0                           |
| 112  | 17347 Electrical Box Reconstruction/Phase II                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$2,210,400                | \$0                        | \$0                        | \$0                           |
| 113  | Carollo Generator Study - resulting project                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$800,000                  | \$0                        | \$0                        | \$0                           |
| 114  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 115  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 116  | 17052 Odor Control Scrubber No.1 Replacement                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$5,877,879                | \$0                        | \$0                           |
| 117  | 17071 Odor Control Scrubber No.2 Replacement                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$2,927,673                | \$0                        | \$0                           |
| 118  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 119  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 120  | 17329 Laboratory Reconstruction Construction                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$1,042,416                | \$0                        | \$0                           |
| 121  | 17331 Energy Building Repair and Rehabilitation              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$1,645,812                | \$0                        | \$0                           |
| 122  | 17332 Maintenance Shop Rehabilitation                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$315,817                  | \$0                        | \$0                           |
| 123  | 17345 Energy Building HVAC Upgrade                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$472,992                  | \$0                        | \$0                           |
| 124  | 17525 Solids Building Structural Rehabilitation              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$305,500                  | \$0                        | \$0                           |
| 125  | 17528 Heating System Reconstruction                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$1,778,173                | \$0                        | \$0                           |
| 126  | 17529 Digester Gas Management Building Rehabilitation        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$372,109                  | \$0                        | \$0                           |
| 127  | 3722AC-000 - RTP Energy Building Upgrades - Common           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$750,000                  | \$0                        | \$0                           |
| 128  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 129  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 130  | 17532 Dewatering System Reconstruction                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$7,153,632                | \$0                           |
| 131  | 17533 Solids Conveyor Replacement                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$3,810,150                | \$0                           |
| 132  | 17534 Storage and Truck loading Rehabilitation               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$787,752                  | \$0                           |
| 133  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 134  | SC-17L PC 17 Liquids Small Cap                               | \$0                  | \$290,000         | \$0                                | \$290,000                       | \$290,000                        | \$72,500                      | \$72,500                      | \$72,500                      | \$72,500                      | \$290,000                  | \$290,000                  | \$290,000                  | \$290,000                  | \$1,450,000                   |
| 135  | SC-17S PC 17 Solids Small Cap                                | \$0                  | \$169,000         | \$0                                | \$169,000                       | \$169,000                        | \$42,250                      | \$42,250                      | \$42,250                      | \$42,250                      | \$169,000                  | \$169,000                  | \$169,000                  | \$169,000                  | \$845,000                     |
| 136  | SC-17C PC 17 Common Small Cap                                | \$0                  | \$208,000         | \$0                                | \$208,000                       | \$208,000                        | \$52,000                      | \$52,000                      | \$52,000                      | \$52,000                      | \$208,000                  | \$208,000                  | \$208,000                  | \$208,000                  | \$1,040,000                   |
| 137  | SC-17A PC 17 AWT Small Cap                                   | \$0                  | \$69,000          | \$0                                | \$69,000                        | \$69,000                         | \$17,250                      | \$17,250                      | \$17,250                      | \$17,250                      | \$69,000                   | \$69,000                   | \$69,000                   | \$69,000                   | \$345,000                     |
| 138  |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 139  | TYCIP  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 140  | 37235L-000 - Primary Sedimentation Collectors and Gates      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$250,000                     |
| 141  | 37238L-000 - Grit Handling                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$150,000                     |
| 142  | 17055 Primary Gallery Upgrade Phase II                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,600,000                   |
| 143  | 17080 Primary Scum Skimmer                                   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,650,000                   |
| 144  | 17320 Plant Drainage Pump Station Reconstruction             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$750,000                     |
| 145  | 17323 PW Hypochlorite Pump and Instrument Replacement        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$200,000                     |
| 146  | 17355 Pavement and Surface Drainage Master Plan              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$110,000                     |
| 147  | 17092 DAF System Condition Assessment                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$75,000                      |

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Large Capital Program FY22-23

| Line | PC 17 Joint Regional Wastewater Reclamation                               | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|---|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 148  | 17325 Process Water Contact Basin Gate and Valve Replacement              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$300,000                     |
| 149  | 17340 Plant Water Pump Screen Replacement                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$260,000                     |
| 150  | 17341 Lube Oil Tank Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$150,000                     |
| 151  | 17721 AWT No.2 Contact Basin Upgrades                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$300,000                     |
| 152  | 17053 Headworks Process Equipment Replacement                             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,896,045                   |
| 153  | 17064 RAS Hypochlorite Pump and Instrument Replacement                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$161,400                     |
| 154  | 17066 Replace Effluent Flow Meter Weir and Level Transmitter              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$93,600                      |
| 155  | 17068 TWAS System Reconstruction  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$346,320                     |
| 156  | 17322 Plant Water Pumping System Reconstruction                           | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$548,353                     |
| 157  | 17523 Sludge Equalization System Mechanical and Electrical Rehabilitation | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,809,604                   |
| 158  | 17059 RAS Pump Station Reconstruction                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,883,996                   |
| 159  | 17321 Chlorine Building Rehabilitation                                    | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$229,320                     |
| 160  | 17334 Storage Building Project  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$899,308                     |
| 161  | 17335 Site Pavement Reconstruction  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,006,740                   |
| 162  | 17351 Underground Piping Reconstruction Area C                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$525,410                     |
| 163  | 17352 Underground Piping Reconstruction Area D                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$291,132                     |
| 164  | 17722 AWT Control Building Structural, Mechanical and Electrical Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$500,175                     |
| 165  | 17723 AWT No.2 Applied Water Pump System                                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$212,160                     |
| 166  | 17058 Secondary Sedimentation Basin Reconstruction                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$4,079,652                   |
| 167  | 17522 Emulsion Polymer Feed System Replacement                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$317,250                     |
| 168  | 17067 DAF Collector Recoating and Cover Replacement                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$786,450                     |
| 169  | 17520 Ferric Chloride System Reconstruction                               | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$763,812                     |
| 170  | 17527 Anaerobic Digester System Reconstruction                            | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$12,408,014                  |
| 171  | 17530 Digested Sludge Pump System Reconstruction                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$544,963                     |
| 172  | 17535 Odor Control Scrubber No.3 Replacement                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,558,862                   |
| 173  | 17075 Polymer Storage Tank - Mannich Replacement                          | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$251,899                     |
| 174  | 17521 Bulk Polymer Storage and Transfer System Reconstruction             | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$293,842                     |
| 175  | 17531 MCC M Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$490,666                     |
| 176  | 17727 MCC L Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$436,098                     |
| 177  | 17054 Primary Sedimentation Basin Upgrade                                 | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,692,000                   |
| 178  | 17063 WAS Pump Station Reconstruction                                     | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$468,825                     |
| 179  | 17072 Grit Management Facility  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$1,781,175                   |
| 180  | 17078 MCC 30310 Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$466,291                     |
| 181  | 17336 Perimeter Fence Replacement   | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$800,000                     |
| 182  | 17353 SCADA System Upgrade Project/2nd Phase                              | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$2,025,270                   |
| 183  | 17725 AWT SCADA System Upgrade  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$146,669                     |
| 184  | 17726 AWT No.2 Filter Sand Replacement and Underdrain Rehabilitation      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$358,313                     |
| 185  | 17728 AWT WQ Instrumentation Replacement                                  | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$134,550                     |
| 186  |   |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 187  | Total   | \$2,520,313          | \$1,230,250       | \$1,505,380                        | \$8,282,942                     | \$7,703,158                      | \$3,344,272                   | \$3,345,754                   | \$557,307                     | \$457,307                     | \$7,985,756                | \$10,285,386               | \$16,224,370               | \$14,073,259               | \$51,683,162                  |

**ATTACHMENT 2D-3**

**Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for  
PC17 – RTP**

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 17 Joint Regional Wastewater Reclamation                 | Project ID | Allocation  | 16         | 17     | 18     | 19         | 20       | 21     | 22             | 23     | 24         | Total          |
|------|---|------------|-------------|------------|--------|--------|------------|----------|--------|----------------|--------|------------|----------------|
|      |   |            |             | CLB        | CSC    | CSJC   | ETWD       | EBSD     | IRWD   | MNWD           | SMWD   | SCWD       |                |
| 1    | Aeration Project  | multi      | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$3,379,018.89 | \$0.00 | \$0.00     | \$3,379,018.89 |
| 2    | 3753-000 - Aeration Diffuser Upgrade (2020)                 | 3753       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$1,000,142.84 | \$0.00 | \$0.00     | \$1,000,142.84 |
| 3    | 3753-998 - Aeration Diffuser Upgrade (2020) - Salary        | 3753       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$9,631.79     | \$0.00 | \$0.00     | \$9,631.79     |
| 4    | 3753-999 - Aeration Diffuser Upgrade (2020) - Fringe        | 3753       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$3,390.54     | \$0.00 | \$0.00     | \$3,390.54     |
| 5    | 3787-000 - Aeration Area Upgrade Design (2018)              | 3787       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | -\$3,378.54    | \$0.00 | \$0.00     | -\$3,378.54    |
| 6    | 3787-998 - Aeration Area Upgrade Design (2018) (Salary)     | 3787       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$265.99       | \$0.00 | \$0.00     | \$265.99       |
| 7    | 3787-999 - Aeration Area Upgrade Design (2018) (Fringe)     | 3787       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$149.84       | \$0.00 | \$0.00     | \$149.84       |
| 8    | 3742-000 - Aeration System Upgrade (2019)                   | 3742       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$2,351,036.78 | \$0.00 | \$0.00     | \$2,351,036.78 |
| 9    | 3742-998 - Aeration System Upgrade (2019) - Salary          | 3742       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$11,597.54    | \$0.00 | \$0.00     | \$11,597.54    |
| 10   | 3742-999 - Aeration System Upgrade (2019) - Fringe          | 3742       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$6,182.11     | \$0.00 | \$0.00     | \$6,182.11     |
| 11   |   |            |             |            |        |        |            |          |        |                |        |            |                |
| 12   | AWT Project   | multi      | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$2,164,387.08 | \$0.00 | \$0.00     | \$2,164,387.08 |
| 13   | 3758-000 - AWT No.2 Reconstruction (2020)                   | 3758       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$1,919,190.27 | \$0.00 | \$0.00     | \$1,919,190.27 |
| 14   | 3758-998 - AWT No.2 Reconstruction (2020) - Salary          | 3758       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$5,822.88     | \$0.00 | \$0.00     | \$5,822.88     |
| 15   | 3758-999 - AWT No.2 Reconstruction (2020) - Fringe          | 3758       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$2,515.39     | \$0.00 | \$0.00     | \$2,515.39     |
| 16   | 3759-000 - AWT No.2 Electrical Upgrades (2020)              | 3759       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$234,635.77   | \$0.00 | \$0.00     | \$234,635.77   |
| 17   | 3759-998 - AWT No.2 Electrical Upgrades (2020) (Salary)     | 3759       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$1,470.48     | \$0.00 | \$0.00     | \$1,470.48     |
| 18   | 3759-999 - AWT No.2 Electrical Upgrades (2020) (Fringe)     | 3759       | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$752.29       | \$0.00 | \$0.00     | \$752.29       |
| 19   |   |            |             |            |        |        |            |          |        |                |        |            |                |
| 20   | 2023 Secondary Rehabilitation Project                       |            |             |            |        |        |            |          |        |                |        |            |                |
| 21   | 3722CL-000 - Aeration Basin, Gate, and Blower Upgrades      | 3722CL-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 22   | 3722BL-000 - Mixed Liquor Channel design                    | 3722BL-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 23   | 3776-000 - Effluent Pond Gate Replacement (2021)            | 3776-000   | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 24   | 3756-000 - Secondary Clarifier Safety Repairs (2020)        | 3756-000   | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 25   | 37232L-000 - Site Lighting Upgrades - Liquids               | 37232L-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 26   | 37233L-000 - Secondary Scum Pump Station Reconstruction     | 37233L-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 27   | 37220L-000 - Interstage Pump Station                        | 37220L-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 28   | 47222L-000 - Secondary Effluent Conveyance Evaluation       | 47222L-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 29   | 37234L-000 - RAS System Upgrades                            | 37234L-000 | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 30   | 3775-000 Aeration Basin Handrail Upgrade                    | 3775-000   | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 31   | Primary channel grating (influent and effluent)             | NEW        | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 32   | Plant Effluent and Pond Gates                               | NEW        | Liquids/AWT | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 33   | 37232C-000 - Site Lighting Upgrades - Common                | 37232C     | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 34   |   |            |             |            |        |        |            |          |        |                |        |            |                |
| 35   | 3761-000 - External Lighting Upgrade                        | 3761       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 36   | 3761-998 - External Lighting Upgrade                        | 3761       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 37   | 3761-999 - External Lighting Upgrade                        | 3761       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 38   |   |            |             |            |        |        |            |          |        |                |        |            |                |
| 39   | 3744-000 - Admin Building Repair Design (2019)              | 3744       | Common      | \$136.30   | \$0.00 | \$0.00 | \$223.03   | \$7.17   | \$0.00 | \$1,698.37     | \$0.00 | \$108.91   | \$2,173.77     |
| 40   | 37203C-000 - Admin Building Repair Design (2019)            | 37203C     | Common      | \$3,762.00 | \$0.00 | \$0.00 | \$6,156.00 | \$198.00 | \$0.00 | \$46,878.00    | \$0.00 | \$3,006.00 | \$60,000.00    |
| 41   |   |            |             |            |        |        |            |          |        |                |        |            |                |
| 42   | West Side Slope and Drain                                   |            |             |            |        |        |            |          |        |                |        |            |                |
| 43   | 3745-000 - West Slope Protection Evaluation (2019)          | 3745       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 44   | 3745-998 - West Slope Protection Evaluation (2019) - Salary | 3745       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 45   | 3745-999 - West Slope Protection Evaluation (2019) - Fringe | 3745       | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 46   | 37221C-000 - West Slope Protection                          | 37221C     | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 47   | 37228C-000 - West Side Storm Channel Reconstruction         | 37228C     | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 48   | 17337 West Side Storm Channel Reconstruction - Phase I      | 17337      | Common      | \$0.00     | \$0.00 | \$0.00 | \$0.00     | \$0.00   | \$0.00 | \$0.00         | \$0.00 | \$0.00     | \$0.00         |
| 49   |   |            |             |            |        |        |            |          |        |                |        |            |                |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 17 Joint Regional Wastewater Reclamation                       | Project ID | Allocation  | 16          | 17     | 18     | 19          | 20         | 21     | 22             | 23     | 24          | Total          |
|------|---|------------|-------------|-------------|--------|--------|-------------|------------|--------|----------------|--------|-------------|----------------|
|      |   |            |             | CLB         | CSC    | CSJC   | ETWD        | EBS        | IRWD   | MNWD           | SMWD   | SCWD        |                |
| 50   | Motor Control Center A, G, H                                      | multi      | L/C         | \$44,874.81 | \$0.00 | \$0.00 | \$79,701.95 | \$2,360.22 | \$0.00 | \$1,098,800.69 | \$0.00 | \$35,840.81 | \$1,261,578.49 |
| 51   | 3746-000 - Motor Control Center A, G, H Design (2019)             | 3746       | Common      | \$2,271.79  | \$0.00 | \$0.00 | \$3,717.47  | \$119.57   | \$0.00 | \$28,308.58    | \$0.00 | \$1,815.26  | \$36,232.67    |
| 52   | 3746-998 - Motor Control Center A, G, H Design (2019) - Salary    | 3746       | Common      | \$408.99    | \$0.00 | \$0.00 | \$669.26    | \$21.53    | \$0.00 | \$5,096.43     | \$0.00 | \$326.80    | \$6,523.01     |
| 53   | 3746-999 - Motor Control Center A, G, H Design (2019) - Fringe    | 3746       | Common      | \$275.93    | \$0.00 | \$0.00 | \$451.52    | \$14.52    | \$0.00 | \$3,438.35     | \$0.00 | \$220.48    | \$4,400.81     |
| 54   | 3722AL-000 - MCC A, C, G, H Replacement                           | 3722AL     | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$787,352.00   | \$0.00 | \$0.00      | \$787,352.00   |
| 55   | 37236S-000 - MCC A, C, G, H Replacement                           | 37236S     | Solids      | \$34,319.18 | \$0.00 | \$0.00 | \$62,429.09 | \$1,804.66 | \$0.00 | \$179,915.68   | \$0.00 | \$27,406.40 | \$305,875.00   |
| 56   | 3748-000 - SE Electrical Manhole Reconstruction (2019)            | 3748       | Common      | \$7,598.93  | \$0.00 | \$0.00 | \$12,434.61 | \$399.94   | \$0.00 | \$94,689.65    | \$0.00 | \$6,071.87  | \$121,195.00   |
| 57   |   | 0          |             |             |        |        |             |            |        |                |        |             |                |
| 58   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 59   | 3747-000 - Southside Plant Flooding Evaluation (2019)             | 3747       | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 60   | 3747-998 - Southside Plant Flooding Evaluation (2019) (Salary)    | 3747       | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 61   | 3747-999 - Southside Plant Flooding Evaluation (2019) (Fringe)    | 3747       | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 62   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 63   | 37229C-000 - Laboratory Reconstruction (with assessments project) | 37229C     | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 64   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 65   | 2023 Assessments  |            |             |             |        |        |             |            |        |                |        |             |                |
| 66   | 47212C-000 - Site Storage Evaluation                              | 47212C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 67   | 47224C-000 - Consequence of Failure Analysis                      | 47224C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 68   | 57221C-000 - NFPA 70 Classification Mapping                       | 57221C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 69   | 57222C-000 - DHS Facility Compliance Review                       | 57222C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 70   | 57223C-000 - Arc Flash 5-Year Update                              | 57223C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 71   | 37237C-000 - Instrumentation Plan                                 | 37237C-000 | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 72   | 17083 Grit Handling Evaluation                                    | 17083      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 73   | 37239S-000 - Digester System Condition Assessment                 | 37239S     | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 74   | 17330 Energy Building Seismic Analysis                            | 17330      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 75   | 17354 Energy Building Condition Assessment                        | 17354      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 76   | 17543 Digester System Condition Assessment                        | 17543      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 77   | 17091 Secondary Sedimentation Condition Assessment                | 17091      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 78   | 17357 MCC D, E, & F Condition Assessment                          | 17357      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 79   | 17089 Headworks Condition Assessment                              | 17089      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 80   | NEW - Operations Building Assessment                              | NEW        | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 81   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 82   | Cogen   | Multi      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 83   | 3726-000 Co-Generation System Retrofit Design                     | 3726       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 84   | 3791-000 - Cogeneration Area Upgrade Project Completion (2018)    | 3791       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 85   | 3773-000 - Co-Generation System Modifications (2020)              | 3773       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 86   | 57224S-000 - Cogen SGIP   | 57224S     | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 87   | 3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)         | 3722       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 88   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 89   | SCR Blower  | NEW        | Solids      | \$11,220.00 | \$0.00 | \$0.00 | \$20,410.00 | \$590.00   | \$0.00 | \$58,820.00    | \$0.00 | \$8,960.00  | \$100,000.00   |
| 90   |   |            |             |             |        |        |             |            |        |                |        |             |                |
| 91   | Solids Area Upgrade   |            |             |             |        |        |             |            |        |                |        |             |                |
| 92   | 3789-000 - Switchgear Upgrade Project Completion (2018)           | 3789       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 93   | 3790-000 - Solids Area Upgrade Design (2018)                      | 3790       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 94   | 3790-998 - Solids Area Upgrade Design (2018) (Salary)             | 3790       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 95   | 3790-999 - Solids Area Upgrade Design (2018) (Fringe)             | 3790       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 96   | 37231S-000 - Solids Area Overhaul Plan                            | 37231S     | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 97   | 3754-000 - SET Piping Reconstruction (2019)                       | 3754       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 98   | 3772-000 - Hot Water Piping Reconstruction (2020)                 | 3772       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 17 Joint Regional Wastewater Reclamation                  | Project ID | Allocation  | 16          | 17     | 18     | 19          | 20       | 21     | 22           | 23     | 24          | Total        |
|------|--|------------|-------------|-------------|--------|--------|-------------|----------|--------|--------------|--------|-------------|--------------|
|      |  |            |             | CLB         | CSC    | CSJC   | ETWD        | EBS      | IRWD   | MNWD         | SMWD   | SCWD        |              |
| 99   | 3749-000 - Phase I Solids Piping Upgrade (2019)              | 3749       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 100  | 3749-998 - Phase I Solids Piping Upgrade (2019) - Salary     | 3749       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 101  | 3749-999 - Phase I Solids Piping Upgrade (2019) - Fringe     | 3749       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 102  | 3771-000 - Miscellaneous Safety Improvements - Solids (2020) | 3771       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 103  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 104  | 3750-000 - Dewatering Room Floor Sealing and Lighting (2019) | 3750       | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 105  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 106  | 2024 Electrical Rehabilitation                               |            |             |             |        |        |             |          |        |              |        |             |              |
| 107  | 17342 Electrical Box Reconstruction/Phase I                  | 17342      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 108  | 17074 WAS Pump VFD Panel Reconstruction                      | 17074      | Liquids     | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 109  | 17538 Digested and Eq Sludge Pump VFD Replacement            | 17538      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 110  | 17526 MCC D Replacement                                      | 17526      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 111  | 17079 MCC E Replacement                                      | 17079      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 112  | 17347 Electrical Box Reconstruction/Phase II                 | 17347      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 113  | Carollo Generator Study - resulting project                  | NEW        | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 114  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 115  | Odor Scrubber Overhaul                                       |            |             |             |        |        |             |          |        |              |        |             |              |
| 116  | 17052 Odor Control Scrubber No.1 Replacement                 | 17052      | Liquids     | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 117  | 17071 Odor Control Scrubber No.2 Replacement                 | 17071      | Liquids     | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 118  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 119  | 2025 Building Rehabilitations                                |            |             |             |        |        |             |          |        |              |        |             |              |
| 120  | 17329 Laboratory Reconstruction Construction                 | 17329      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 121  | 17331 Energy Building Repair and Rehabilitation              | 17331      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 122  | 17332 Maintenance Shop Rehabilitation                        | 17332      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 123  | 17345 Energy Building HVAC Upgrade                           | 17345      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 124  | 17525 Solids Building Structural Rehabilitation              | 17525      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 125  | 17528 Heating System Reconstruction                          | 17528      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 126  | 17529 Digester Gas Management Building Rehabilitation        | 17529      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 127  | 3722AC-000 - RTP Energy Building Upgrades - Common           | 3722AC     | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 128  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 129  | Centrifuge Replacement Project                               |            |             |             |        |        |             |          |        |              |        |             |              |
| 130  | 17532 Dewatering System Reconstruction                       | 17532      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 131  | 17533 Solids Conveyor Replacement                            | 17533      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 132  | 17534 Storage and Truck loading Rehabilitation               | 17534      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 133  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 134  | SC-17L PC 17 Liquids Small Cap                               | SC-17L     | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$290,000.00 | \$0.00 | \$0.00      | \$290,000.00 |
| 135  | SC-17S PC 17 Solids Small Cap                                | SC-17S     | Solids      | \$18,961.80 | \$0.00 | \$0.00 | \$34,492.90 | \$997.10 | \$0.00 | \$99,405.80  | \$0.00 | \$15,142.40 | \$169,000.00 |
| 136  | SC-17C PC 17 Common Small Cap                                | SC-17C     | Common      | \$13,041.60 | \$0.00 | \$0.00 | \$21,340.80 | \$686.40 | \$0.00 | \$162,510.40 | \$0.00 | \$10,420.80 | \$208,000.00 |
| 137  | SC-17A PC 17 AWT Small Cap                                   | SC-17A     | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$69,000.00  | \$0.00 | \$0.00      | \$69,000.00  |
| 138  |  |            |             |             |        |        |             |          |        |              |        |             |              |
| 139  | TYCIP  |            |             |             |        |        |             |          |        |              |        |             |              |
| 140  | 37235L-000 - Primary Sedimentation Collectors and Gates      | 37235L     | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 141  | 37238L-000 - Grit Handling                                   | 37238L     | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 142  | 17055 Primary Gallery Upgrade Phase II                       | 17055      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 143  | 17080 Primary Scum Skimmer                                   | 17080      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 144  | 17320 Plant Drainage Pump Station Reconstruction             | 17320      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 145  | 17323 PW Hypochlorite Pump and Instrument Replacement        | 17323      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 146  | 17355 Pavement and Surface Drainage Master Plan              | 17355      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |
| 147  | 17092 DAF System Condition Assessment                        | 17092      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00   | \$0.00 | \$0.00       | \$0.00 | \$0.00      | \$0.00       |

Project Allocations  
Large Capital Projects FY22-23

Total Cash Request FY22/23

| Line | PC 17 Joint Regional Wastewater Reclamation                               | Project ID | Allocation  | 16          | 17     | 18     | 19           | 20         | 21     | 22             | 23     | 24          | Total          |
|------|---|------------|-------------|-------------|--------|--------|--------------|------------|--------|----------------|--------|-------------|----------------|
|      |   |            |             | CLB         | CSC    | CSJC   | ETWD         | EBSD       | IRWD   | MNWD           | SMWD   | SCWD        |                |
| 148  | 17325 Process Water Contact Basin Gate and Valve Replacement              | 17325      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 149  | 17340 Plant Water Pump Screen Replacement                                 | 17340      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 150  | 17341 Lube Oil Tank Replacement   | 17341      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 151  | 17721 AWT No.2 Contact Basin Upgrades                                     | 17721      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 152  | 17053 Headworks Process Equipment Replacement                             | 17053      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 153  | 17064 RAS Hypochlorite Pump and Instrument Replacement                    | 17064      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 154  | 17066 Replace Effluent Flow Meter Weir and Level Transmitter              | 17066      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 155  | 17068 TWAS System Reconstruction  | 17068      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 156  | 17322 Plant Water Pumping System Reconstruction                           | 17322      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 157  | 17523 Sludge Equalization System Mechanical and Electrical Rehabilitation | 17523      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 158  | 17059 RAS Pump Station Reconstruction                                     | 17059      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 159  | 17321 Chlorine Building Rehabilitation                                    | 17321      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 160  | 17334 Storage Building Project  | 17334      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 161  | 17335 Site Pavement Reconstruction  | 17335      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 162  | 17351 Underground Piping Reconstruction Area C                            | 17351      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 163  | 17352 Underground Piping Reconstruction Area D                            | 17352      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 164  | 17722 AWT Control Building Structural, Mechanical and Electrical Upgrade  | 17722      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 165  | 17723 AWT No.2 Applied Water Pump System                                  | 17723      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 166  | 17058 Secondary Sedimentation Basin Reconstruction                        | 17058      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 167  | 17522 Emulsion Polymer Feed System Replacement                            | 17522      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 168  | 17067 DAF Collector Recoating and Cover Replacement                       | 17067      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 169  | 17520 Ferric Chloride System Reconstruction                               | 17520      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 170  | 17527 Anaerobic Digester System Reconstruction                            | 17527      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 171  | 17530 Digested Sludge Pump System Reconstruction                          | 17530      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 172  | 17535 Odor Control Scrubber No.3 Replacement                              | 17535      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 173  | 17075 Polymer Storage Tank - Mannich Replacement                          | 17075      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 174  | 17521 Bulk Polymer Storage and Transfer System Reconstruction             | 17521      | Solids      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 175  | 17531 MCC M Replacement   | 17531      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 176  | 17727 MCC L Replacement   | 17727      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 177  | 17054 Primary Sedimentation Basin Upgrade                                 | 17054      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 178  | 17063 WAS Pump Station Reconstruction                                     | 17063      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 179  | 17072 Grit Management Facility  | 17072      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 180  | 17078 MCC 30310 Replacement   | 17078      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 181  | 17336 Perimeter Fence Replacement   | 17336      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 182  | 17353 SCADA System Upgrade Project/2nd Phase                              | 17353      | Common      | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 183  | 17725 AWT SCADA System Upgrade  | 17725      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 184  | 17726 AWT No.2 Filter Sand Replacement and Underdrain Rehabilitation      | 17726      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 185  | 17728 AWT WQ Instrumentation Replacement                                  | 17728      | Liquids/AWT | \$0.00      | \$0.00 | \$0.00 | \$0.00       | \$0.00     | \$0.00 | \$0.00         | \$0.00 | \$0.00      | \$0.00         |
| 186  |   |            |             |             |        |        |              |            |        |                |        |             |                |
| 187  | Total   |            |             | \$91,996.51 | \$0.00 | \$0.00 | \$162,324.68 | \$4,838.90 | \$0.00 | \$7,370,519.23 | \$0.00 | \$73,478.92 | \$7,703,158.23 |

**ATTACHMENT 2D-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC17 – RTP**



|                               | CLB         | CSC  | CSJC | ETWD        | EBSD      | IRWD | MNWD         | SMWD | SCWD        | Total         |
|-------------------------------|-------------|------|------|-------------|-----------|------|--------------|------|-------------|---------------|
| Project Committee CIP Summary | PC17        | PC17 | PC17 | PC17        | PC17      | PC17 | PC17         | PC17 | PC17        | PC17          |
| FY22/23 Cash Request          | \$91,997    | \$0  | \$0  | \$162,325   | \$4,839   | \$0  | \$7,370,519  | \$0  | \$73,479    | \$7,703,158   |
| FY23/24 Cash Request          | \$257,473   | \$0  | \$0  | \$451,466   | \$13,543  | \$0  | \$7,057,618  | \$0  | \$205,655   | \$7,985,756   |
| FY24/25 Cash Request          | \$433,955   | \$0  | \$0  | \$730,117   | \$22,835  | \$0  | \$8,751,783  | \$0  | \$346,697   | \$10,285,386  |
| FY25/26 Cash Request          | \$566,025   | \$0  | \$0  | \$977,318   | \$29,778  | \$0  | \$14,199,102 | \$0  | \$452,148   | \$16,224,370  |
| FY26/27 Cash Request          | \$1,449,950 | \$0  | \$0  | \$2,617,017 | \$76,250  | \$0  | \$8,772,095  | \$0  | \$1,157,945 | \$14,073,259  |
| Thereafter Cash Request       | \$2,737,956 | \$0  | \$0  | \$4,873,522 | \$144,002 | \$0  | \$41,740,946 | \$0  | \$2,186,735 | \$51,683,162  |
| Total                         | \$5,537,356 | \$0  | \$0  | \$9,811,765 | \$291,247 | \$0  | \$87,892,064 | \$0  | \$4,422,659 | \$107,955,091 |

# ATTACHMENT 2E

Project level descriptions for  
each project to be active in  
FY22-23 for PC21 - ETM

# FY22-23 Proposed CIP Projects – Effluent Transmission Main (ETM)(Project Committee 21)

| Project Title                    | Project#              | Current Project Status                  | Project Justification(s)         |
|----------------------------------|-----------------------|---|----------------------------------|
| Trail Bridge Crossing Protection | 3101-000 / 31221B-000 | The project is in the permitting stage. | Erosion is threatening the pipe. |

**Project Elements:**

- 1) Install protective measures for the ETM.

**Project Photo(s):**

Below is a Figure from the Assessment Report.



**Prior year Budgets:**

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|-----------------------------|--------------------|-------------|
| FY12-13   | \$0             | \$200,000                   | \$200,000          | Design Only |
| FY13-14   | \$0             | \$200,000                   | \$200,000          | Design Only |
| FY14-15   | \$0             | \$200,000                   | \$200,000          | Design Only |
| FY15-16   | \$0             | \$400,000                   | \$400,000          | Design Only |
| FY16-17   | \$400,000       | \$0                         | \$400,000          | Design Only |
| FY17-18   | \$400,000       | \$303,923                   | \$703,923          | Design Only |
| FY18-19   | \$703,923       | (\$253,923)                 | \$450,000          | Design Only |
| FY19-20   | \$450,000       | \$0                         | \$161,987          | Design Only |
| FY20-21   | \$161,987       | \$0                         | \$1,185,082        |             |
| FY21-22   | \$1,185,082     | \$0                         | \$1,545,082        |             |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$1,545,082                  | \$17,475                      | \$1,562,557                              |

|                             |                         |                         |                         |                         |                         |                         |                    |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
| \$362,557                   | \$360,000               | \$840,000               | \$0                     | \$0                     | \$0                     | \$0                     | \$1,562,557        |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$203,925                          |

|        |                            |                            |                            |                            |                            |                               |                          |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------------|
| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total<br>Cash<br>Request |
| ETWD   | \$78,037                   | \$420,000                  | \$0                        | \$0                        | \$0                        | \$0                           | \$498,037                |
| IRWD   | \$78,037                   | \$420,000                  | \$0                        | \$0                        | \$0                        | \$0                           | \$498,037                |
| Total  | \$156,075                  | \$840,000                  | \$0                        | \$0                        | \$0                        | \$0                           | \$996,075                |

| Project Title             | Project#           | Current Project Status                   | Project Justification(s)                                      |
|---------------------------|--------------------|--|---|
| Air Valve Replacement (D) | 3105-000 /3107-000 | The project is in design and permitting. | The equipment is beyond its expected useful life and failing. |

Project Elements:

- 1) Replace the air-vacs in Reach D.

Project Photo(s):

Sample photo from the 2018 Assessment Report.

AV #10



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|-----------------------------|--------------------|-------------|
| FY19-20   | \$0             | \$64,004                    | \$64,004           | Design Only |
| FY20-21   | \$64,004        | \$356,530                   | \$420,534          |             |
| FY21-22   | \$420,534       | \$177,777                   | \$598,311          |             |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
|------------------------------|-------------------------------|--|
| \$598,311                    | (\$168,031)                   | \$430,280                                |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$52,503                    | \$377,777               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$430,280          |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$44,761                           |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total<br>Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------------|
| ETWD   | \$166,508                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$166,508                |
| IRWD   | \$166,508                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$166,508                |
| Total  | \$333,016                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$333,016                |

| Project Title             | Project#           | Current Project Status                   | Project Justification(s)                                      |
|---------------------------|--------------------|--|---|
| Air Valve Replacement (E) | 3106-000 /3108-000 | The project is in design and permitting. | The equipment is beyond its expected useful life and failing. |

Project Elements:

- 1) Replace the air-vacs in Reach E.

Project Photo(s):

Sample photo from the 2018 Assessment Report.

AV #10



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget | Notes       |
|-----------|-----------------|-----------------------------|--------------------|-------------|
| FY19-20   | \$0             | \$103,674                   | \$103,674          | Design Only |
| FY20-21   | \$103,674       | \$578,043                   | \$681,717          |             |
| FY21-22   | \$681,717       | \$472,223                   | \$1,153,940        |             |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$1,153,940                  | (\$634,080)                   | \$519,860                                |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$47,637                    | \$472,223               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$519,860          |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$117,632                          |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total<br>Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|--------------------------|
| ETWD   | \$82,584                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$82,584                 |
| IRWD   | \$82,584                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$82,584                 |
| MNWD   | \$189,423                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$189,423                |
| Total  | \$354,591                  | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$354,591                |



**ATTACHMENT 2E-1**

**PC Budget Table by Project  
Line Item for PC21 – ETM**

South Orange County Wastewater Authority  
Large Capital Program FY22-23

| Line | PC 21 Effluent Transmission Main   | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter  | Notes    |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------|----------|
| 1    | Trail Bridge Crossing Protection   | multi      | D          | \$1,562,557             | \$362,557                             | \$1,200,000      | \$360,000      | \$840,000      | \$0            | \$0            | \$0            | \$0         |          |
| 2    | 3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)         | 3101       | D          | \$362,557               | \$347,351                             | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 3    | 3101-998 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Salari  | 3101       | D          |                         | \$8,742                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 4    | 3101-999 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Fringe  | 3101       | D          |                         | \$6,465                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 5    | 31221B-000 - Trail Bridge Crossing (D)                                   | 31221B     | D          | \$1,200,000             | \$0                                   | \$1,200,000      | \$360,000      | \$840,000      | \$0            | \$0            | \$0            | \$0         |          |
| 6    |  |            |            |                         |                                       |                  |                |                |                |                |                |             |          |
| 7    | Air Valve Replacement (D)  | multi      | D          | \$430,280               | \$52,503                              | \$377,777        | \$377,777      | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 8    | 3105-000 - Air Valve Replacement Design and Permitting (D) (2020)        | 3105       | D          | \$52,503                | \$45,389                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 9    | 3105-998 - Air Valve Replacement Design and Permitting (D) (2020)-Salar  | 3105       | D          |                         | \$4,084                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 10   | 3105-999 - Air Valve Replacement Design and Permitting (D) (2020)-Fring  | 3105       | D          |                         | \$3,030                               | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 11   | 3107-000 - Air Valve Replacement Construction (D) (2021)                 | 3107       | D          | \$377,777               | \$0                                   | \$377,777        | \$377,777      | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 12   |  |            |            |                         |                                       |                  |                |                |                |                |                |             |          |
| 13   | Air Valve Replacement (E)  | multi      | E          | \$519,860               | \$47,637                              | \$472,223        | \$472,223      | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 15   | 3106-000 - Air Valve Replacement Design and Permitting ( E) (2020)       | 3106       | E          | \$47,637                | \$47,487                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 16   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020) (Sal  | 3106       | E          |                         | \$100                                 | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 17   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020)-Fring | 3106       | E          |                         | \$50                                  | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 18   | 3108-000 - Air Valve Replacement Construction ( E) (2021)                | 3108       | E          | \$472,223               | \$0                                   | \$472,223        | \$472,223      | \$0            | \$0            | \$0            | \$0            | \$0         |          |
| 19   |  |            |            |                         |                                       |                  |                |                |                |                |                |             |          |
| 20   | TYCIP  |            |            |                         |                                       |                  |                |                |                |                |                |             |          |
| 14   | 3104-000 - Aliso Creek Long term Repair Planning (E) (2019)              | 3104       | E          | \$2,971                 | \$2,971                               | \$50,000         | \$0            | \$50,000       | \$0            | \$0            | \$0            | \$0         | see PC15 |
| 21   | 31222B-000 - Aliso ETM Reach B/C Techite Replacement                     | 31222B-000 | B/C        | \$584,000               | \$0                                   | \$292,000        | \$0            | \$0            | \$292,000      | \$0            | \$0            | \$0         |          |
| 22   | 21312 Pecten Reef Crossing Protection Design (Reach D)                   | 21312      | D          | \$1,500,000             | \$0                                   | \$1,500,000      | \$0            | \$0            | \$300,000      | \$1,200,000    | \$0            | \$0         |          |
| 23   | 21314 Reach D CCTV Inspection (Reach D)                                  | 21314      | D          | \$335,000               | \$0                                   | \$335,000        | \$0            | \$0            | \$0            | \$0            | \$335,000      | \$0         |          |
| 24   | 21111 Reach B Replacement Design (Reach B)                               | 21111      | B          | \$350,000               | \$0                                   | \$350,000        | \$0            | \$0            | \$0            | \$0            | \$350,000      | \$0         |          |
| 25   | 21411 Reach E CCTV Inspection (Reach E)                                  | 21411      | E          | \$335,000               | \$0                                   | \$335,000        | \$0            | \$0            | \$0            | \$0            | \$335,000      | \$0         |          |
| 26   | 21112 Reach B Replacement (Reach B)                                      | 21112      | B          | \$2,370,000             | \$0                                   | \$2,370,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,370,000 | FY27-28  |
| 27   | 21211 Reach C Replacement Design (Reach C)                               | 21211      | C          | \$219,000               | \$0                                   | \$219,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$219,000   | FY28-29  |
| 28   | 21212 Reach C Replacement (Reach C)                                      | 21212      | C          | \$2,050,000             | \$0                                   | \$2,050,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,050,000 | FY29-30  |
| 29   |  |            |            |                         |                                       |                  |                |                |                |                |                |             |          |
| 30   | Total  |            |            | \$10,258,668            | \$465,668                             | \$9,551,000      | \$1,210,000    | \$890,000      | \$592,000      | \$1,200,000    | \$1,020,000    | \$4,639,000 |          |

**ATTACHMENT 2E-2**  
**PC Planned Cash Request**  
**Table by Project Line Item**  
**for PC21 – ETM**

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line | PC 21 Effluent Transmission Main   | Cash as of 7/1/21 | Q1-Q4 Billings | Est. Cash Balance on 6/30/22 | Expected Expenses FY22-23 | Total Cash Request FY22/23 | Q1 Cash Request FY22/23 | Q2 Cash Request FY22/23 | Q3 Cash Request FY22/23 | Q4 Cash Request FY22/23 | FY23/24 Cash Request | FY24/25 Cash Request | FY25/26 Cash Request | FY26/27 Cash Request | Thereafter Cash Request |
|------|--|-------------------|----------------|------------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|
| 1    | Trail Bridge Crossing Protection   | \$287,913         | \$0            | \$203,925                    | \$360,000                 | \$156,075                  | \$78,037                | \$78,037                | \$0                     | \$0                     | \$840,000            | \$0                  | \$0                  | \$0                  | \$0                     |
| 2    | 3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)         | \$300,498         | \$0            | \$222,803                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 3    | 3101-998 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Salari  | -\$7,306          | \$0            | -\$10,958                    | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 4    | 3101-999 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Fringe  | -\$5,279          | \$0            | -\$7,919                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 5    | 31221B-000 - Trail Bridge Crossing (D)                                   | \$0               | \$0            | \$0                          | \$360,000                 | \$156,075                  | \$78,037                | \$78,037                | \$0                     | \$0                     | \$840,000            | \$0                  | \$0                  | \$0                  | \$0                     |
| 6    |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 7    | Air Valve Replacement (D)  | \$72,132          | \$0            | \$44,761                     | \$377,777                 | \$333,016                  | \$166,508               | \$166,508               | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 8    | 3105-000 - Air Valve Replacement Design and Permitting (D) (2020)        | \$38,874          | \$0            | \$13,874                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 9    | 3105-998 - Air Valve Replacement Design and Permitting (D) (2020)-Salar  | -\$2,723          | \$0            | -\$4,084                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 10   | 3105-999 - Air Valve Replacement Design and Permitting (D) (2020)-Fring  | -\$2,020          | \$0            | -\$3,030                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 11   | 3107-000 - Air Valve Replacement Construction (D) (2021)                 | \$38,000          | \$0            | \$38,000                     | \$377,777                 | \$333,016                  | \$166,508               | \$166,508               | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 12   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 13   | Air Valve Replacement (E)  | \$139,782         | \$0            | \$117,632                    | \$472,223                 | \$354,591                  | \$177,296               | \$177,296               | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 15   | 3106-000 - Air Valve Replacement Design and Permitting ( E) (2020)       | \$78,187          | \$0            | \$56,187                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 16   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020) (Sal  | -\$267            | \$0            | -\$367                       | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 17   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020)-Fring | -\$138            | \$0            | -\$188                       | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 18   | 3108-000 - Air Valve Replacement Construction ( E) (2021)                | \$62,000          | \$0            | \$62,000                     | \$472,223                 | \$354,591                  | \$177,296               | \$177,296               | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$0                     |
| 19   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 20   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 14   | 3104-000 - Aliso Creek Long term Repair Planning (E) (2019)              | \$78,533          | \$0            | \$78,533                     | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$50,000             | \$0                  | \$0                  | \$0                  | \$0                     |
| 21   | 31222B-000 - Aliso ETM Reach B/C Techite Replacement                     | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$292,000            | \$0                  | \$0                  | \$0                     |
| 22   | 21312 Pecten Reef Crossing Protection Design (Reach D)                   | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$300,000            | \$1,200,000          | \$0                  | \$0                     |
| 23   | 21314 Reach D CCTV Inspection (Reach D)                                  | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$335,000            | \$0                     |
| 24   | 21111 Reach B Replacement Design (Reach B)                               | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$350,000            | \$0                     |
| 25   | 21411 Reach E CCTV Inspection (Reach E)                                  | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$335,000            | \$0                     |
| 26   | 21112 Reach B Replacement (Reach B)                                      | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$2,370,000             |
| 27   | 21211 Reach C Replacement Design (Reach C)                               | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$219,000               |
| 28   | 21212 Reach C Replacement (Reach C)                                      | \$0               | \$0            | \$0                          | \$0                       | \$0                        | \$0                     | \$0                     | \$0                     | \$0                     | \$0                  | \$0                  | \$0                  | \$0                  | \$2,050,000             |
| 29   |  |                   |                |                              |                           |                            |                         |                         |                         |                         |                      |                      |                      |                      |                         |
| 30   | Total  | \$578,360         | \$0            | \$444,851                    | \$1,210,000               | \$843,682                  | \$421,841               | \$421,841               | \$0                     | \$0                     | \$890,000            | \$592,000            | \$1,200,000          | \$1,020,000          | \$4,639,000             |

# ATTACHMENT 2E-3

Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for  
PC21 – ETM

South Orange County Wastewater Authority  
Large Capital Program FY22-23

Total Cash Request FY22/23

| Line | PC 21 Effluent Transmission Main   | Project ID | Allocation | 16     | 17     | 18     | 19           | 20     | 21           | 22           | 23     | 24     | Total        |
|------|--|------------|------------|--------|--------|--------|--------------|--------|--------------|--------------|--------|--------|--------------|
|      |  |            |            | CLB    | CSC    | CSJC   | ETWD         | EBSD   | IRWD         | MNWD         | SMWD   | SCWD   |              |
| 1    | Trail Bridge Crossing Protection   | multi      | D          | \$0.00 | \$0.00 | \$0.00 | \$78,037.46  | \$0.00 | \$78,037.46  | \$0.00       | \$0.00 | \$0.00 | \$156,074.92 |
| 2    | 3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)         | 3101       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 3    | 3101-998 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Salari  | 3101       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 4    | 3101-999 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Fringe  | 3101       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 5    | 31221B-000 - Trail Bridge Crossing (D)                                   | 31221B     | D          | \$0.00 | \$0.00 | \$0.00 | \$78,037.46  | \$0.00 | \$78,037.46  | \$0.00       | \$0.00 | \$0.00 | \$156,074.92 |
| 6    |  |            |            |        |        |        |              |        |              |              |        |        |              |
| 7    | Air Valve Replacement (D)  | multi      | D          | \$0.00 | \$0.00 | \$0.00 | \$166,507.92 | \$0.00 | \$166,507.92 | \$0.00       | \$0.00 | \$0.00 | \$333,015.83 |
| 8    | 3105-000 - Air Valve Replacement Design and Permitting (D) (2020)        | 3105       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 9    | 3105-998 - Air Valve Replacement Design and Permitting (D) (2020)-Salar  | 3105       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 10   | 3105-999 - Air Valve Replacement Design and Permitting (D) (2020)-Fring  | 3105       | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 11   | 3107-000 - Air Valve Replacement Construction (D) (2021)                 | 3107       | D          | \$0.00 | \$0.00 | \$0.00 | \$166,507.92 | \$0.00 | \$166,507.92 | \$0.00       | \$0.00 | \$0.00 | \$333,015.83 |
| 12   |  |            |            |        |        |        |              |        |              |              |        |        |              |
| 13   | Air Valve Replacement (E)  | multi      | E          | \$0.00 | \$0.00 | \$0.00 | \$82,584.27  | \$0.00 | \$82,584.27  | \$189,422.57 | \$0.00 | \$0.00 | \$354,591.10 |
| 14   | 3106-000 - Air Valve Replacement Design and Permitting ( E) (2020)       | 3106       | E          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 15   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020) (Sal  | 3106       | E          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 16   | 3106-998 - Air Valve Replacement Design and Permitting ( E) (2020)-Fring | 3106       | E          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 17   | 3108-000 - Air Valve Replacement Construction ( E) (2021)                | 3108       | E          | \$0.00 | \$0.00 | \$0.00 | \$82,584.27  | \$0.00 | \$82,584.27  | \$189,422.57 | \$0.00 | \$0.00 | \$354,591.10 |
| 18   |  |            |            |        |        |        |              |        |              |              |        |        |              |
| 19   | TYCIP  |            |            |        |        |        |              |        |              |              |        |        |              |
| 20   | 3104-000 - Aliso Creek Long term Repair Planning (E) (2019)              | 3104       | E          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 21   | 31222B-000 - Aliso ETM Reach B/C Techite Replacement                     | 31222B-000 | B/C        | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 22   | 21312 Pecten Reef Crossing Protection Design (Reach D)                   | 21312      | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 23   | 21314 Reach D CCTV Inspection (Reach D)                                  | 21314      | D          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 24   | 21111 Reach B Replacement Design (Reach B)                               | 21111      | B          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 25   | 21411 Reach E CCTV Inspection (Reach E)                                  | 21411      | E          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 26   | 21112 Reach B Replacement (Reach B)                                      | 21112      | B          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 27   | 21211 Reach C Replacement Design (Reach C)                               | 21211      | C          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 28   | 21212 Reach C Replacement (Reach C)                                      | 21212      | C          | \$0.00 | \$0.00 | \$0.00 | \$0.00       | \$0.00 | \$0.00       | \$0.00       | \$0.00 | \$0.00 | \$0.00       |
| 29   |  |            |            |        |        |        |              |        |              |              |        |        |              |
| 30   | Total  |            |            | \$0.00 | \$0.00 | \$0.00 | \$327,129.64 | \$0.00 | \$327,129.64 | \$189,422.57 | \$0.00 | \$0.00 | \$843,681.85 |

**ATTACHMENT 2E-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC21 – ETM**

|                               | CLB  | CSC  | CSJC | ETWD        | EBSD | IRWD        | MNWD        | SMWD | SCWD | Total       |
|-------------------------------|------|------|------|-------------|------|-------------|-------------|------|------|-------------|
| Project Committee CIP Summary | PC21 | PC21 | PC21 | PC21        | PC21 | PC21        | PC21        | PC21 | PC21 | PC21        |
| FY22/23 Cash Request          | \$0  | \$0  | \$0  | \$327,130   | \$0  | \$327,130   | \$189,423   | \$0  | \$0  | \$843,682   |
| FY23/24 Cash Request          | \$0  | \$0  | \$0  | \$431,645   | \$0  | \$431,645   | \$26,710    | \$0  | \$0  | \$890,000   |
| FY24/25 Cash Request          | \$0  | \$0  | \$0  | \$296,000   | \$0  | \$296,000   | \$0         | \$0  | \$0  | \$592,000   |
| FY25/26 Cash Request          | \$0  | \$0  | \$0  | \$600,000   | \$0  | \$600,000   | \$0         | \$0  | \$0  | \$1,200,000 |
| FY26/27 Cash Request          | \$0  | \$0  | \$0  | \$420,522   | \$0  | \$420,522   | \$178,957   | \$0  | \$0  | \$1,020,000 |
| Thereafter Cash Request       | \$0  | \$0  | \$0  | \$1,686,473 | \$0  | \$1,686,473 | \$1,266,054 | \$0  | \$0  | \$4,639,000 |
| Total                         | \$0  | \$0  | \$0  | \$3,761,769 | \$0  | \$3,761,769 | \$1,661,144 | \$0  | \$0  | \$9,184,682 |



# ATTACHMENT 2F

Project level descriptions for  
each project to be active in  
FY22-23 for PC24 - ACOO

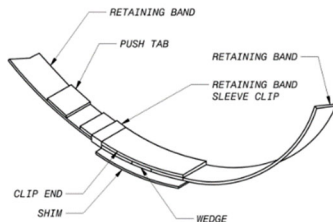
# FY22-23 Proposed CIP Projects – Aliso Creek Ocean Outfall (Project Committee 24)

| Project Title                    | Project# | Current Project Status | Project Justification(s)  |
|----------------------------------|----------|------------------------|---|
| Internal Seal Replacement (2020) | 3480-000 | Design phase           | The repair coupling is on the last setting and the seal must be replaced. |

Project Elements:

- 1) Remove and replace the internal repair seal for the outfall system.

Project Photo(s):



SECTION AND ISOMETRIC  
RETAINING BAND SLEEVE CLIP, SHIM, AND WEDGE  
SCALE: NTS

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY19-20   | \$0             | \$135,000                   | \$135,000          |
| FY20-21   | \$135,000       | \$0                         | \$135,000          |
| FY21-22   | \$135,000       | \$0                         | \$135,000          |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions / (Reductions) | Proposed FY22-23 Project Budget |
|------------------------|-----------------------------|---------------------------------|
| \$135,000              | \$57,709                    | \$192,709                       |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$16,209                    | \$176,500               | \$0                     | \$0                     | \$0                     | \$0                     | \$0                     | \$192,709          |

|                                    |
|------------------------------------|
| Est. Cash<br>Balance on<br>6/30/22 |
| \$116,400                          |

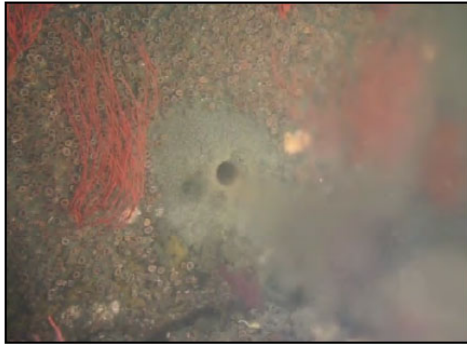
| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$6,611                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$6,611               |
| EBSB   | \$469                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$469                 |
| ETWD   | \$9,797                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$9,797               |
| IRWD   | \$9,472                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$9,472               |
| MNWD   | \$26,353                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$26,353              |
| SCWD   | \$7,398                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$7,398               |
| Total  | \$60,100                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$60,100              |

| Project Title         | Project#   | Current Project Status | Project Justification(s)  |
|-----------------------|------------|------------------------|---|
| Outfall Port Cleaning | 54221O-000 | Ongoing                | This is required for the NPDES Permit to maintain outfall capacity. |

Project Elements:

- 1) Retain vendor to inspect and clean outfall discharge ports.

Project Photo(s):



Typical Diffuser Port: Flowing.

Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY20-21   | \$0             | \$0                         | \$45,000           |
| FY21-22   | \$45,000        | \$0                         | \$45,000           |

Proposed Revised Project Budget and Estimated Cashflow:

| FY21-22 Project Budget | FY Additions / (Reductions) | Proposed FY22-23 Project Budget |
|------------------------|-----------------------------|---------------------------------|
| \$45,000               | \$0                         | \$45,000                        |

| Est Actuals Thru 6/30/22 | FY22-23 Work Plan | FY23-24 Work Plan | FY24-25 Work Plan | FY25-26 Work Plan | FY26-27 Work Plan | Thereafter Work Plan | Total Work Plan |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-----------------|
| \$0                      | \$45,000          | \$0               | \$0               | \$0               | \$0               | \$0                  | \$45,000        |

|                                       |
|---------------------------------------|
| Est. Cash<br>Balance<br>on<br>6/30/22 |
| \$0                                   |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$4,950                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$4,950               |
| EBSB   | \$351                      | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$351                 |
| ETWD   | \$7,336                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$7,336               |
| IRWD   | \$7,092                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$7,092               |
| MNWD   | \$19,732                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$19,732              |
| SCWD   | \$5,540                    | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$5,540               |
| Total  | \$45,000                   | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           | \$45,000              |

| Project Title                 | Project#   | Current Project Status   | Project Justification(s)   |
|-------------------------------|------------|--------------------------|--|
| Sampling System Repair (2020) | 34231O-000 | Preliminary design phase | This is required for the NPDES Permit. The existing sampler line has failed underneath the County of Orange Parking Lot. |

Project Elements:

- 1) Redesign the sampler system.
- 2) Add potable water to the station for flushing.

Project Photo(s):

The sample line under the pavement between the building and the sampler building is collapsed.



Prior year Budgets:

| FY Budget | Prior FY Budget | FY Additions / (Reductions) | Approved FY Budget |
|-----------|-----------------|-----------------------------|--------------------|
| FY19-20   | \$0             | \$106,253                   | \$106,253          |
| FY20-21   | \$106,253       | \$0                         | \$106,253          |
| FY21-22   | \$106,253       | \$0                         | \$106,253          |

Proposed Revised Project Budget and Estimated Cashflow:

|                              |                               |  |
|------------------------------|-------------------------------|--|
| FY21-22<br>Project<br>Budget | FY Additions<br>/(Reductions) | Proposed<br>FY22-23<br>Project<br>Budget |
| \$106,253                    | \$94,642                      | \$200,895                                |

| Est Actuals<br>Thru 6/30/22 | FY22-23<br>Work<br>Plan | FY23-24<br>Work<br>Plan | FY24-25<br>Work<br>Plan | FY25-26<br>Work<br>Plan | FY26-27<br>Work<br>Plan | Thereafter<br>Work Plan | Total Work<br>Plan |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------|
| \$0                         | \$66,965                | \$133,930               | \$0                     | \$0                     | \$0                     | \$0                     | \$200,895          |

|                                       |
|---------------------------------------|
| Est. Cash<br>Balance<br>on<br>6/30/22 |
| \$0                                   |

| Agency | FY22-23<br>Cash<br>Request | FY23-24<br>Cash<br>Request | FY24-25<br>Cash<br>Request | FY25-26<br>Cash<br>Request | FY26-27<br>Cash<br>Request | Thereafter<br>Cash<br>Request | Total Cash<br>Request |
|--------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-----------------------|
| CLB    | \$7,366                    | \$14,732                   | \$0                        | \$0                        | \$0                        | \$0                           | \$22,098              |
| EBSB   | \$522                      | \$1,045                    | \$0                        | \$0                        | \$0                        | \$0                           | \$1,567               |
| ETWD   | \$10,917                   | \$21,833                   | \$0                        | \$0                        | \$0                        | \$0                           | \$32,750              |
| IRWD   | \$10,554                   | \$21,107                   | \$0                        | \$0                        | \$0                        | \$0                           | \$31,661              |
| MNWD   | \$29,363                   | \$58,726                   | \$0                        | \$0                        | \$0                        | \$0                           | \$88,088              |
| SCWD   | \$8,243                    | \$16,487                   | \$0                        | \$0                        | \$0                        | \$0                           | \$24,730              |
| Total  | \$66,965                   | \$133,930                  | \$0                        | \$0                        | \$0                        | \$0                           | \$200,895             |

# ATTACHMENT 2F-1

## PC Budget Table by Project Line Item for PC24 - ACOO



South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line | PC 24 Aliso Creek Ocean Outfall                      | Project ID | Allocation | Proposed Project Budget | Est Actuals From Inception to 6/30/22 | Remaining Budget | FY22-23 Budget | FY23-24 Budget | FY24-25 Budget | FY25-26 Budget | FY26-27 Budget | Thereafter  | Notes          |
|------|--|------------|------------|-------------------------|---------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------|----------------|
| 1    | 3401-000 - Emergency Plan Development (2016)         | 3401       | Outfall    | \$24,774                | \$24,774                              | \$0              | \$0            | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 2    |  |            |            |                         |                                       |                  |                |                |                |                |                |             |                |
| 3    | Internal Seal Replacement                            | 3480       | Outfall    | \$192,709               | \$16,209                              | \$176,500        | \$176,500      | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 4    | 3480-000 - Internal Seal Replacement (2020)          | 3480       | Outfall    | \$192,709               | \$13,818                              | \$175,000        | \$175,000      | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 5    | 3480-998 - Internal Seal Replacement (2018) - Salary | 3480       | Outfall    |                         | \$1,379                               | \$1,000          | \$1,000        | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 6    | 3480-999 - Internal Seal Replacement (2018) - Fringe | 3480       | Outfall    |                         | \$1,012                               | \$500            | \$500          | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 7    |  |            |            |                         |                                       |                  |                |                |                |                |                |             |                |
| 8    | 34222O-000 - Golf Course Road                        | 34222O-000 | Outfall    | \$45,000                | \$0                                   | \$45,000         | \$0            | \$45,000       | \$0            | \$0            | \$0            | \$0         |                |
| 9    | 54221O-000 - Outfall Port Cleaning                   | 54221O-000 | Outfall    | \$45,000                | \$0                                   | \$45,000         | \$45,000       | \$0            | \$0            | \$0            | \$0            | \$0         |                |
| 10   | 34231O-000 - Metering and Sampling                   | 34231O-000 | Outfall    | \$200,895               | \$0                                   | \$200,895        | \$66,965       | \$133,930      | \$0            | \$0            | \$0            | \$0         | inc permitting |
| 11   | 34232O-000 - Creek Section Pipeline Replacement      | 34232O-000 | Outfall    | \$50,703                | \$0                                   | \$250,000        | \$0            | \$0            | \$50,000       | \$200,000      | \$0            | \$0         | inc permitting |
| 12   |  |            |            |                         |                                       |                  |                |                |                |                |                |             |                |
| 13   | TYCIP  |            |            |                         |                                       |                  |                |                |                |                |                |             |                |
| 14   | 24114 Land Outfall Realignment                       | 24114      | Outfall    | \$6,500,000             | \$0                                   | \$6,500,000      | \$0            | \$0            | \$0            | \$0            | \$0            | \$6,500,000 | FY27-28        |
| 15   | 24116 Internal Seal Replacement                      | 24116      | Outfall    | \$150,000               | \$0                                   | \$150,000        | \$0            | \$0            | \$0            | \$0            | \$0            | \$150,000   | FY33-34        |
| 16   |  |            |            |                         |                                       |                  |                |                |                |                |                |             |                |
| 17   | Total  |            |            | \$7,209,081             | \$40,983                              | \$7,367,395      | \$288,465      | \$178,930      | \$50,000       | \$200,000      | \$0            | \$6,650,000 |                |

**ATTACHMENT 2F-2**  
**PC Planned Cash Request**  
**Table by Project Line Item**  
**for PC24 - ACOO**

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

| Line | PC 24 Aliso Creek Ocean Outfall                      | Cash as of<br>7/1/21 | Q1-Q4<br>Billings | Est. Cash<br>Balance on<br>6/30/22 | Expected<br>Expenses<br>FY22-23 | Total Cash<br>Request<br>FY22/23 | Q1 Cash<br>Request<br>FY22/23 | Q2 Cash<br>Request<br>FY22/23 | Q3 Cash<br>Request<br>FY22/23 | Q4 Cash<br>Request<br>FY22/23 | FY23/24<br>Cash<br>Request | FY24/25<br>Cash<br>Request | FY25/26<br>Cash<br>Request | FY26/27<br>Cash<br>Request | Thereafter<br>Cash<br>Request |
|------|--|----------------------|-------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|
| 1    | 3401-000 - Emergency Plan Development (2016)         | \$226                | \$0               | \$226                              | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 2    |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 3    | Internal Seal Replacement                            | \$116,400            | \$0               | \$116,400                          | \$176,500                       | \$60,100                         | \$0                           | \$60,100                      | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 4    | 3480-000 - Internal Seal Replacement (2020)          | \$118,792            | \$0               | \$118,792                          | \$175,000                       | \$60,100                         | \$0                           | \$60,100                      | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 5    | 3480-998 - Internal Seal Replacement (2018) - Salary | -\$1,379             | \$0               | -\$1,379                           | \$1,000                         | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 6    | 3480-999 - Internal Seal Replacement (2018) - Fringe | -\$1,012             | \$0               | -\$1,012                           | \$500                           | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 7    |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 8    | 34222O-000 - Golf Course Road                        | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$45,000                   | \$0                        | \$0                        | \$0                        | \$0                           |
| 9    | 54221O-000 - Outfall Port Cleaning                   | \$0                  | \$0               | \$0                                | \$45,000                        | \$45,000                         | \$45,000                      | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$0                           |
| 10   | 34231O-000 - Metering and Sampling                   | \$0                  | \$0               | \$0                                | \$66,965                        | \$66,965                         | \$66,965                      | \$0                           | \$0                           | \$0                           | \$133,930                  | \$0                        | \$0                        | \$0                        | \$0                           |
| 11   | 34232O-000 - Creek Section Pipeline Replacement      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$50,000                   | \$200,000                  | \$0                        | \$0                           |
| 12   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 13   | TYCIP  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 14   | 24114 Land Outfall Realignment                       | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$6,500,000                   |
| 15   | 24116 Internal Seal Replacement                      | \$0                  | \$0               | \$0                                | \$0                             | \$0                              | \$0                           | \$0                           | \$0                           | \$0                           | \$0                        | \$0                        | \$0                        | \$0                        | \$150,000                     |
| 16   |  |                      |                   |                                    |                                 |                                  |                               |                               |                               |                               |                            |                            |                            |                            |                               |
| 17   | Total  | \$116,626            | \$0               | \$116,626                          | \$288,465                       | \$172,065                        | \$111,965                     | \$60,100                      | \$0                           | \$0                           | \$178,930                  | \$50,000                   | \$200,000                  | \$0                        | \$6,650,000                   |

# ATTACHMENT 2F-3

Planned Cash Request for  
FY22/23 by Member Agency  
by Project Line Item for  
PC24 - ACOO

South Orange County Wastewater Authority  
 Large Capital Program FY22-23

Total Cash Request FY22/23

| Line | PC 24 Aliso Creek Ocean Outfall                      | Project ID | Allocation | 16          | 17     | 18     | 19          | 20         | 21          | 22          | 23     | 24          | Total        |
|------|--|------------|------------|-------------|--------|--------|-------------|------------|-------------|-------------|--------|-------------|--------------|
|      |  |            |            | CLB         | CSC    | CSJC   | ETWD        | EBSD       | IRWD        | MNWD        | SMWD   | SCWD        |              |
| 1    | 3401-000 - Emergency Plan Development (2016)         | 3401       | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 2    |  |            |            |             |        |        |             |            |             |             |        |             |              |
| 3    | Internal Seal Replacement                            | 3480       | Outfall    | \$6,610.97  | \$0.00 | \$0.00 | \$9,797.45  | \$468.78   | \$9,471.71  | \$26,352.52 | \$0.00 | \$7,398.27  | \$60,099.71  |
| 4    | 3480-000 - Internal Seal Replacement (2020)          | 3480       | Outfall    | \$6,610.97  | \$0.00 | \$0.00 | \$9,797.45  | \$468.78   | \$9,471.71  | \$26,352.52 | \$0.00 | \$7,398.27  | \$60,099.71  |
| 5    | 3480-998 - Internal Seal Replacement (2018) - Salary | 3480       | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 6    | 3480-999 - Internal Seal Replacement (2018) - Fringe | 3480       | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 7    |  |            |            |             |        |        |             |            |             |             |        |             |              |
| 8    | 34222O-000 - Golf Course Road                        | 34222O-000 | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 9    | 54221O-000 - Outfall Port Cleaning                   | 54221O-000 | Outfall    | \$4,950.00  | \$0.00 | \$0.00 | \$7,335.90  | \$351.00   | \$7,092.00  | \$19,731.60 | \$0.00 | \$5,539.50  | \$45,000.00  |
| 10   | 34231O-000 - Metering and Sampling                   | 34231O-000 | Outfall    | \$7,366.15  | \$0.00 | \$0.00 | \$10,916.63 | \$522.33   | \$10,553.68 | \$29,362.81 | \$0.00 | \$8,243.39  | \$66,965.00  |
| 11   | 34232O-000 - Creek Section Pipeline Replacement      | 34232O-000 | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 12   |  |            |            |             |        |        |             |            |             |             |        |             |              |
| 13   | TYCIP  |            |            |             |        |        |             |            |             |             |        |             |              |
| 14   | 24114 Land Outfall Realignment                       | 24114      | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 15   | 24116 Internal Seal Replacement                      | 24116      | Outfall    | \$0.00      | \$0.00 | \$0.00 | \$0.00      | \$0.00     | \$0.00      | \$0.00      | \$0.00 | \$0.00      | \$0.00       |
| 16   |  |            |            |             |        |        |             |            |             |             |        |             |              |
| 17   | Total  |            |            | \$18,927.12 | \$0.00 | \$0.00 | \$28,049.99 | \$1,342.10 | \$27,117.40 | \$75,446.93 | \$0.00 | \$21,181.17 | \$172,064.71 |

**ATTACHMENT 2F-5**

**Updated CIP Planned Cash  
Request by Member Agency  
for PC24 - ACOO**

|                               | CLB       | CSC  | CSJC | ETWD        | EBSD     | IRWD        | MNWD        | SMWD | SCWD      | Total       |
|-------------------------------|-----------|------|------|-------------|----------|-------------|-------------|------|-----------|-------------|
| Project Committee CIP Summary | PC24      | PC24 | PC24 | PC24        | PC24     | PC24        | PC24        | PC24 | PC24      | PC24        |
| FY22/23 Cash Request          | \$18,927  | \$0  | \$0  | \$28,050    | \$1,342  | \$27,117    | \$75,447    | \$0  | \$21,181  | \$172,065   |
| FY23/24 Cash Request          | \$19,682  | \$0  | \$0  | \$29,169    | \$1,396  | \$28,199    | \$78,457    | \$0  | \$22,026  | \$178,930   |
| FY24/25 Cash Request          | \$5,500   | \$0  | \$0  | \$8,151     | \$390    | \$7,880     | \$21,924    | \$0  | \$6,155   | \$50,000    |
| FY25/26 Cash Request          | \$22,000  | \$0  | \$0  | \$32,604    | \$1,560  | \$31,520    | \$87,696    | \$0  | \$24,620  | \$200,000   |
| FY26/27 Cash Request          | \$0       | \$0  | \$0  | \$0         | \$0      | \$0         | \$0         | \$0  | \$0       | \$0         |
| Thereafter Cash Request       | \$731,500 | \$0  | \$0  | \$1,084,083 | \$51,870 | \$1,048,040 | \$2,915,892 | \$0  | \$818,615 | \$6,650,000 |
| Total                         | \$797,609 | \$0  | \$0  | \$1,182,057 | \$56,558 | \$1,142,757 | \$3,179,416 | \$0  | \$892,597 | \$7,250,995 |

# ATTACHMENT 3

## 5-year CIP summary by PC



| CIP 5-Year Summary | Total Cash Request FY22/23 | Q1 Cash Request FY22/23 | Q2 Cash Request FY22/23 | Q3 Cash Request FY22/23 | Q4 Cash Request FY22/23 | Total Cash Request FY22/23 | FY23/24 Cash Request | FY24/25 Cash Request | FY25/26 Cash Request | FY26/27 Cash Request | Thereafter Cash Request | Total Cash Request |
|--------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------------|
| PC2                | \$5,523,570                | \$1,575,123             | \$1,206,180             | \$1,936,087             | \$806,180               | \$5,523,570                | \$7,459,180          | \$6,536,280          | \$18,613,496         | \$7,503,802          | \$43,023,481            | \$88,659,809       |
| PC5                | \$243,888                  | \$94,722                | \$49,722                | \$49,722                | \$49,722                | \$243,888                  | \$0                  | \$34,040             | \$504,260            | \$75,000             | \$750,000               | \$1,607,188        |
| PC15               | \$5,123,233                | \$1,686,167             | \$1,145,689             | \$1,145,689             | \$1,145,689             | \$5,123,233                | \$5,271,139          | \$2,087,600          | \$2,075,000          | \$8,849,900          | \$28,030,104            | \$51,436,976       |
| PC17               | \$7,703,158                | \$3,344,272             | \$3,345,754             | \$557,307               | \$457,307               | \$7,703,158                | \$7,985,756          | \$10,285,386         | \$16,224,370         | \$14,073,259         | \$51,683,162            | \$107,955,091      |
| PC21               | \$843,682                  | \$421,841               | \$421,841               | \$0                     | \$0                     | \$843,682                  | \$890,000            | \$592,000            | \$1,200,000          | \$1,020,000          | \$4,639,000             | \$9,184,682        |
| PC24               | \$172,065                  | \$111,965               | \$60,100                | \$0                     | \$0                     | \$172,065                  | \$178,930            | \$50,000             | \$200,000            | \$0                  | \$6,650,000             | \$7,250,995        |
| Total              | \$19,609,596               | \$7,234,091             | \$6,229,285             | \$3,688,804             | \$2,458,897             | \$19,609,596               | \$21,785,005         | \$19,585,306         | \$38,817,126         | \$31,521,961         | \$134,775,746           | \$266,094,740      |

**ATTACHMENT 4**

**5-year CIP summary by  
member agency**

| CLB                        | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| Total Cash Request FY21/22 |                               | \$3,655,797                   | \$2,237,468          | \$1,671,440             |
| Total Cash Request FY22/23 | \$2,050,488                   | \$3,790,828                   | \$725,041            |                         |
| FY23/24 Cash Request       | \$2,272,790                   |                               | \$1,869,979          |                         |
| FY24/25 Cash Request       | \$1,228,210                   |                               | \$3,181,653          |                         |
| FY25/26 Cash Request       | \$1,277,229                   |                               | \$1,607,363          |                         |
| FY26/27 Cash Request       | \$4,802,294                   |                               | \$1,535,574          |                         |
| Thereafter Cash Request    | \$12,895,763                  |                               | \$17,315,390         |                         |
| Total                      | \$24,526,774                  |                               | \$28,472,468         |                         |

| CSC                        | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| Total Cash Request FY21/22 |                               | \$7,480                       | \$0                  | \$7,479                 |
| Total Cash Request FY22/23 | \$40,534                      | \$30,148                      | \$29,678             |                         |
| FY23/24 Cash Request       | \$0                           |                               | \$6,471              |                         |
| FY24/25 Cash Request       | \$5,657                       |                               | \$96,698             |                         |
| FY25/26 Cash Request       | \$83,808                      |                               | \$14,956             |                         |
| FY26/27 Cash Request       | \$12,465                      |                               | \$0                  |                         |
| Thereafter Cash Request    | \$124,650                     |                               | \$162,984            |                         |
| Total                      | \$267,115                     |                               | \$310,787            |                         |

| CSJC                       | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| Total Cash Request FY21/22 |                               | \$2,741,215                   | \$3,077,267          | \$1,669,091             |
| Total Cash Request FY22/23 | \$1,714,503                   | \$1,957,350                   | \$2,358,372          |                         |
| FY23/24 Cash Request       | \$2,275,789                   |                               | \$1,830,127          |                         |
| FY24/25 Cash Request       | \$1,973,926                   |                               | \$3,861,892          |                         |
| FY25/26 Cash Request       | \$5,719,934                   |                               | \$3,505,586          |                         |
| FY26/27 Cash Request       | \$2,315,520                   |                               | \$4,942,348          |                         |
| Thereafter Cash Request    | \$13,166,892                  |                               | \$10,141,031         |                         |
| Total                      | \$27,166,563                  |                               | \$29,716,623         |                         |

| ETWD                       | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| Total Cash Request FY21/22 |                               | \$892,380                     | \$1,401,899          | \$202,405               |
| Total Cash Request FY22/23 | \$517,504                     | \$920,375                     | \$312,485            |                         |
| FY23/24 Cash Request       | \$912,280                     |                               | \$876,660            |                         |
| FY24/25 Cash Request       | \$1,034,268                   |                               | \$4,268,785          |                         |
| FY25/26 Cash Request       | \$1,609,922                   |                               | \$973,111            |                         |
| FY26/27 Cash Request       | \$3,037,539                   |                               | \$2,408,318          |                         |
| Thereafter Cash Request    | \$7,644,078                   |                               | \$9,474,194          |                         |
| Total                      | \$14,755,592                  |                               | \$19,715,452         |                         |

|                            | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| <b>EBSD</b>                |                               |                               |                      |                         |
| Total Cash Request FY21/22 |                               | \$284,202                     | \$162,581            | \$129,716               |
| Total Cash Request FY22/23 | \$159,156                     | \$293,257                     | \$52,361             |                         |
| FY23/24 Cash Request       | \$172,337                     |                               | \$136,179            |                         |
| FY24/25 Cash Request       | \$85,435                      |                               | \$202,103            |                         |
| FY25/26 Cash Request       | \$85,696                      |                               | \$116,275            |                         |
| FY26/27 Cash Request       | \$340,653                     |                               | \$112,768            |                         |
| Thereafter Cash Request    | \$939,334                     |                               | \$1,259,037          |                         |
| Total                      | \$1,782,611                   |                               | \$2,041,304          |                         |

|                            | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| <b>IRWD</b>                |                               |                               |                      |                         |
| Total Cash Request FY21/22 |                               | \$666,634                     | \$483,304            | \$60,838                |
| Total Cash Request FY22/23 | \$354,247                     | \$584,544                     | \$10,554             |                         |
| FY23/24 Cash Request       | \$459,844                     |                               | \$171,571            |                         |
| FY24/25 Cash Request       | \$303,880                     |                               | \$912,821            |                         |
| FY25/26 Cash Request       | \$631,520                     |                               | \$303,965            |                         |
| FY26/27 Cash Request       | \$420,522                     |                               | \$1,921,065          |                         |
| Thereafter Cash Request    | \$2,734,513                   |                               | \$2,760,448          |                         |
| Total                      | \$4,904,526                   |                               | \$6,563,728          |                         |

|                            | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| <b>MNWD</b>                |                               |                               |                      |                         |
| Total Cash Request FY21/22 |                               | \$12,447,445                  | \$13,490,695         | \$4,209,861             |
| Total Cash Request FY22/23 | \$10,421,507                  | \$13,291,367                  | \$6,193,759          |                         |
| FY23/24 Cash Request       | \$10,387,260                  |                               | \$7,893,680          |                         |
| FY24/25 Cash Request       | \$10,818,270                  |                               | \$17,329,367         |                         |
| FY25/26 Cash Request       | \$19,072,712                  |                               | \$15,440,230         |                         |
| FY26/27 Cash Request       | \$13,277,855                  |                               | \$17,903,278         |                         |
| Thereafter Cash Request    | \$62,948,542                  |                               | \$73,571,886         |                         |
| Total                      | \$126,926,146                 |                               | \$151,822,895        |                         |

|                            | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| <b>SMWD</b>                |                               |                               |                      |                         |
| Total Cash Request FY21/22 |                               | \$2,128,049                   | \$2,318,839          | \$1,185,891             |
| Total Cash Request FY22/23 | \$1,238,937                   | \$1,484,574                   | \$1,438,292          |                         |
| FY23/24 Cash Request       | \$1,570,660                   |                               | \$1,564,054          |                         |
| FY24/25 Cash Request       | \$1,736,904                   |                               | \$2,886,470          |                         |
| FY25/26 Cash Request       | \$4,355,763                   |                               | \$2,755,623          |                         |
| FY26/27 Cash Request       | \$1,356,827                   |                               | \$4,497,586          |                         |
| Thereafter Cash Request    | \$10,004,849                  |                               | \$7,556,306          |                         |
| Total                      | \$20,263,940                  |                               | \$23,017,170         |                         |

| SCWD                       | Proposed<br>FY22-23<br>Budget | Approved<br>FY21-22<br>Budget | 2019 TYCIP<br>Update | Est. FY21-22<br>Actuals |
|----------------------------|-------------------------------|-------------------------------|----------------------|-------------------------|
| Total Cash Request FY21/22 |                               | \$5,090,718                   | \$4,304,481          | \$2,737,126             |
| Total Cash Request FY22/23 | \$3,112,720                   | \$4,840,149                   | \$2,828,474          |                         |
| FY23/24 Cash Request       | \$3,734,045                   |                               | \$2,898,246          |                         |
| FY24/25 Cash Request       | \$2,398,757                   |                               | \$6,142,639          |                         |
| FY25/26 Cash Request       | \$5,980,541                   |                               | \$4,105,381          |                         |
| FY26/27 Cash Request       | \$5,958,287                   |                               | \$6,286,862          |                         |
| Thereafter Cash Request    | \$24,317,124                  |                               | \$26,703,946         |                         |
| Total                      | \$45,501,474                  |                               | \$53,270,029         |                         |