

I hereby certify that the following Agenda was posted at least 72 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority [SOCWA] and at www.socwa.com.



Betty Burnett, General Manager
SOCWA and the Board of Directors thereof

AGENDA

*Regular Meeting
of the
South Orange County Wastewater Authority
Board of Directors*

To Be Held by Teleconference on:
June 4, 2020

Closed Session at 8:30 a.m.
Open Session at 9:30 a.m.
(or immediately following the Closed Session)

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 ON THE WEBSITE AT 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 BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS 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 BOARD OF DIRECTORS 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.

FOR MEETING PARTICIPATION:

OPEN SESSION TELECONFERENCE PHONE NUMBER: 213-279-1455
TELECONFERENCE ID: 528 947 530

1. **CALL MEETING TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **CLOSED SESSION**
 - A. A Closed Session Conference with Labor Negotiators Pursuant to Government Code Section § 54957.6

SOCWA Designated Representatives: Betty Burnett, General Manager;
Brad Neufeld, Labor Counsel.

Employee Organization: SOCWA Employee Association

B. A Closed Session conference with General Counsel Potential Litigation in one matter Pursuant to Government Code Section § 54956.9

4. REPORT OUT OF CLOSED SESSION

5. RECONVENE BOARD REGULAR MEETING TO OPEN SESSION at 9:30 a.m.

6. ORAL COMMUNICATIONS

MEMBERS OF THE PUBLIC MAY ADDRESS THE BOARD REGARDING AN ITEM ON THE AGENDA OR MAY RESERVE THIS OPPORTUNITY DURING THE MEETING AT THE TIME THE ITEM IS DISCUSSED BY THE BOARD. THERE WILL BE A THREE-MINUTE LIMIT FOR PUBLIC COMMENTS.

PAGE NO

7. CONSENT CALENDAR

A. Operational Reports – April 2020.....	1
1. Monthly Operations Reports	
2. Ocean Outfall Discharges by Agency	
3. Beach Ocean Monitoring Report	
4. Recycled Water Report	
5. Pretreatment Report (May 2020)	

ACTION: The Board will be requested to receive and file the April 2020 Operations Reports as submitted

B. Capital Improvement Program Status Report	38
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ACTION: The Board will be requested to receive the reports as submitted

C. Capital Improvement Program Project Financial Status and Change Orders.....	52
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ACTION: Staff recommends the Board of Directors receive and file the Capital Improvement Program Project Financial Status and approve the Change Orders as shown in the report

8. GENERAL MANAGER’S REPORTS

A. Report of the Nominating Committee for Selection of Officers for the Board of Directors – Fiscal Year (FY) 2020/2021	60
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ACTION: The SOCWA Board of Directors elect/appoint Officers to serve the Authority during FY2020/21

B. Contract Extension Award to Miles Chemical for Ferric Chloride	61
[PC 2, PC 15 & PC 17]	

ACTION: Staff recommends award of a 1-year contract extension to Mile Chemical, Inc. for Ferric Chloride at a rate of 610.00 per dry ton for full loads (40,000+ dry tons), \$710.00 per dry ton for loads of 20,000 to <40,000 dry tons and \$825.00 per dry ton for loads of 10,000 to <20,000 dry ton

C. Landscaping Contract Extension with BrightView Landscape Services at JBL 63
[PC 2]

ACTION: Staff recommends the Board of Directors authorize the General Manager to provide up to one (1) year contract extension to BrightView Landscape Services for landscaping services at JBL (PC-2), for an amount not to exceed \$36,470.88.

D. Landscaping Contract Extension with BrightView Landscape Services at RTP 65
[PC 17]

ACTION: Staff recommends the Board of Directors authorize the General Manager to provide up to one (1) year contract extension to BrightView Landscape Services for landscaping services at RTP (PC-17), for an amount not to exceed \$79,048.32.

E. Investment Policy for Public Funds Annual Review 67

ACTION: Staff recommends the Board of Directors receive and file subject report indicating there is no change to the SOCWA Investment Policy based on the annual review.

F. Approval of FY 2020-21 Budget 76

As needed, the General Counsel will cover the vote requirements for each area at the meeting immediately prior to the motion and vote on each item.

ACTION: The Finance Committee recommends that the Board of Directors consider the Budget as proposed.

The FY 2020/21 Budget includes, General Fund Expenses, Operating Expenses and Capital Expenditures as proposed.

1. General Fund Budget

Approval of the FY 2020/21 General Fund Budget. Approval of the General Fund Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

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2. Project Committee Operating Budgets

- a. Approval of the FY 2020/21 Administration Budget (inclusive of project committee administration expenses, residual engineering, and IT). Approval of the FY 2020/21 Administration Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- b. Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget and PC 2 Capital

Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

- c. Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget and PC 17 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- d. Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget and PC 15 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- e. Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget and PC 5 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board

action; the Board approves the allocation of expenses with approval of the Budget.

- f. Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 24 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget and PC 24 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
 - g. Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget, UAL and OPEB and PC 21 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget and PC 21 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
 - h. Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, UAL and OPEB). Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
 - i. Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB). Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action. Authorization includes the redistribution of the costs of PC 2SO (PC 12) among the member agencies to exclude El Toro Water District and Irvine Ranch Water District); the Board approves the allocation of expenses with approval of the Budget.
 - j. The Board directs staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the June 4, 2020 meeting.
- G. RESOLUTION NO. 2020-07: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Range Summary and Employee Job Classification Salary Schedule to the Memorandum of Understanding Between the South Orange County Wastewater Authority and the SOCWA Employee Association 80

ACTION: Staff recommends that the Board of Directors approve Resolution No. 2020-07, A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving Salary Range Summary and Employee Job Classification Salary Schedule to the Memorandum of Understanding Between the South Orange County Wastewater Authority and the SOCWA Employee Association

H. RESOLUTION NO. 2020-08: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Range Summary and Employee Job Classification Salary Schedule to the SOCWA Employee Manual..... 89

ACTION: Staff recommends that the Board of Directors approve Resolution No. 2020-08, A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Range Summary and Employee Job Classification Salary Schedule to the SOCWA Employee Manual

I. General Manager’s Status Report 100

ACTION: Information and Discussion

J. OTHER MATTERS

Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted.

[Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Board of Directors at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Board of Directors at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 28th day of May 2020.



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

Agenda Item

7a

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Jim Burror, Director of Operations
SUBJECT: April 2020 Operations Report

Summary/Discussion

The following selected operational reports are provided monthly to the Board of Directors. The operational reports included are as follows:

1. Monthly Operational Report

An eight (8) page overview and comparison of owner use of facilities, including influent and recycled water production. The pages include ongoing calculation used by SOCWA for billing the agencies. Other items include important statistics for regulatory compliance, visits by the public to the treatment works, and other vendor interactions. The information is broken down by facility and by member agency.

2. SOCWA Ocean Outfall Discharges by Agency

This data shows how much water is being discharged to the ocean each month and for the last 12 months. This data is presented for the agencies planning reuse projects to better understand the potential to expand water reuse in their service area.

3. Beach Ocean Monitoring Report

4. Recycled Water Report

5. Pretreatment Report

Fiscal impact

No change.

Recommended Action: Receive and file the Operational Reports.

Monthly Operational Report

SOCWA Operational Report April, 2020

Excursion, Complaint, and Violation Events

Events	CTP	RTP	JBL	Totals
Odor	0	0	0	0
Noise	0	1	0	1
Spills	0	0	0	0
Violations	0	0	0	0
Others	0	0	0	0

Plant Wastewater Billing Characteristics

Key Parameters	CTP	RTP	JBL TP1	JBL TP2	Totals
Influent (mgd) (1)	2.79	8.60	7.14	0.97	19.51
Effluent (mgd)	2.51	6.06	7.14	2.24	17.95
Peak Flow (mgd)	8.96	24.33	14.95	9.35	57.59
Influent BOD (mg/l)	279	251	442	269	
Influent TSS (mg/l)	334	300	1,305	509	
Effluent BOD (mg/l)	8.5	7.3	7.2	6.6	
Effluent TSS (mg/l)	9.8	9.1	9.2	9.5	
Effluent Turbidity (NTU)	3.1	3.5	3.7	3.3	

(1) CTP Influent value does not include AWT backwash in this table.

Recycled Water (AWT) Operations

Key Parameters	CTP	RTP	JBL	Totals
Average Flow (mgd)	0.43	2.54		2.98
Days of Operation (days)	15	30		
Total Flow (million gallons)	13.0	76.3		89.3
Plant Irrigation (million gallons)	0.00	0.27	0.27	
AWT Time Online (%)	0.0	98.0		

Wastewater Unit Definitions

mgd = million gallons per day

mg/l = milligram per liter also known as parts per million

NTU = Nephelometric Turbidity Units

SOCWA Operational Report April, 2020 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		NA	NA	0.0
Nursery Products (tons)		NA	NA	0.0
Prima Deshecha (tons)		0.0	NA	0.0
Other: (tons)		0.0	0.0	0.0
Total Processed (tons)		0.0	0.0	0.0

Summary of Maintenance Activities(1)

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	NA	NA	NA	NA
Corrective Maintenance	NA	NA	NA	NA

(1) The Tabware system was being updated in April 2020.

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	0	0
Member Agency	0	0	0	0
Residents	0	0	0	0
Others	0	0	0	0
Tours #/Visitors	0	0	0	0

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	6.0	32.1	NA	38.1

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	8.8	NA	NA	8.8
Utility Power Purchase (kWh)	184,840	5,607	NA	190,447
Cogen Power (kWh)		598,170	389,773	987,943
Natural Gas (Dth)	16	1,481	1,194	2,691
Digester Gas to Engine (scfm)		8,791,399	5,631,410	14,422,809
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		171,751	982,970	1,154,721
Digester Gas Power Savings		\$37,366		

(1) The bills to calculate these values are received after this report is prepared for the Board meeting, but will be available upon request at the Board meeting.

NA = Not Available at the time this report was generated.

Wastewater Unit Definitions

kWh = kilowatt hours

Dth = Dekatherms

scfm = standard cubic feet per minute

SOCWA Operational Report April, 2020 (cont'd)

Agency Wastewater Flows to SOCWA by Facility (Including Internal Waste Streams Used for Billing)

Agency	CTP (mgd)	CTP (%)	RTP (mgd)	JBL (mgd)	JBL (%)	Total (mgd)
CLB	1.693	59.60%				1.69
EBSB	0.071	2.51%				0.07
SCWD	1.076	37.89%		1.729	21.31%	2.81
MNWD	0.000	0.00%	8.60	1.400	17.25%	10.00
CSJC				2.272	28.00%	2.27
SMWD				2.713	33.43%	2.71
Total	2.840	100.00%	8.60	8.114	100.00%	19.56

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.69	10.24%	1.69	
EBSB				0.07	0.43%	0.07	
SCWD	1.93	10.46%		0.67	4.05%	2.59	Includes Desalters
MNWD	3.05	16.58%		6.06	36.66%	9.11	
ETWD				3.44	20.83%	3.44	Direct Outfall Only
CSJC	2.63	14.29%				2.63	Includes Desalter
SMWD	6.92	37.62%				6.92	Includes Chiquita
CSC	3.88	21.06%				3.88	Direct Outfall Only
IRWD				4.60	27.80%	4.60	Direct Outfall Only
Total	18.41	100.00%	11.80	16.53	100.00%	34.94	

SOCWA Operational Report April, 2020 (cont'd)

FY Flow/Solids Summary-Billing

Project Committee No. 2 Liquids (JBL)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)(1)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSJC	4.00	30.77%	2.12	31.98%	2.272	28.00%	2.09	32.27%
MNWD	3.00	23.08%	1.40	21.12%	1.400	17.25%	1.40	21.65%
SCWD	3.75	28.85%	1.70	25.64%	1.729	21.31%	1.61	24.97%
SMWD	2.25	17.31%	1.41	21.27%	2.713	33.43%	1.37	21.11%
Total	13.00	100.00%	6.63	100.00%	8.114	100.00%	6.47	100.00%

Project Committee No. 2 Solids (JBL)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Month (lbs/d)	Month (%)	36 Month Rol. Avg. (lbs/d) (2)	36 Month Rol. Avg. (%)
CSJC	11,572	30.00%	5,767	24.54%	5,740	19.87%	5,883	28.59%
MNWD	8,340	21.62%	4,396	18.70%	5,701	19.74%	5,629	27.36%
SCWD	7,715	20.00%	5,391	22.94%	6,397	22.15%	5,387	26.18%
SMWD	10,946	28.38%	7,949	33.82%	11,047	38.24%	3,677	17.87%
Total	38,573	100.00%	23,503	100.00%	28,884	100.00%	20,576	100.00%

Project Committee No. 5 - Effluent Pumping Station (SJCOO EPS)

Agency	Own (%)	Variable Budget (mgd)	Variable Budget (%)	Month Outfall Flow (mgd)	Month Outfall Flow (%)	Month EPS Outfall Flow (mgd)	Month EPS Outfall Flow (%)
CSC	16.62%	2.531	21.57%	3.88	21.06%		
CSJC	11.08%	2.348	20.01%	2.63	14.29%	2.27	28.00%
MNWD(3)	15.51%	2.013	17.16%	3.05	16.58%	1.40	17.25%
SCWD	12.47%	1.740	14.83%	1.93	10.46%	1.73	21.31%
SMWD	44.32%	3.101	26.43%	6.92	37.62%	2.71	33.43%
Total	100.00%	11.733	3.10%	18.41	100.00%	8.11	100.00%

(1) Influent billing meter summary:

- CSJC is metered daily in the collection system. The area-velocity meter has an accuracy of +/- 20%.
- MNWD is assumed to be 1.4 mgd unless Treatment Plant 3A is discharging to the sewer. If other discharges occur, they are estimated.
- SCWD flows are the summation of the DPSD and Victoria PS meters. The two metering systems have an accuracy of +/- 10%.
- The Oso Trabuco sewer is metered daily in the collection system. The flows from MNWD are subtracted from the metering data collected to determine SMWD's flows. The metering system in the collection system has an accuracy of +/- 20%.

(2) The 36-month average is the average of the past 36 months. The Use Audit is based on the last 3 Fiscal Years versus the average of the past 36 months.

(3) All monthly flow data for 3A is reported as part of MNWD's flow to the ocean outfall.

SOCWA Operational Report April, 2020 (cont'd)

FY Flow/Solids Summary-Billing (cont'd)

Project Committee No. 5 - Outfall (SJCOO)

Agency	FY Avg Outfall Flow (mgd)	FY Avg Outfall Flow (%)	FY Avg EPS Outfall Flow (mgd)	FY Avg EPS Outfall Flow (%)
CSC	2.882	22.38%		
CSJC	2.615	20.31%	2.09	32.27%
MNWD	2.360	18.33%	1.40	21.65%
SCWD	1.796	13.94%	1.61	24.97%
SMWD	3.225	25.04%	1.37	21.11%
Total	12.878	100.00%	6.47	100.00%

Project Committee No. 15 (CTP)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	2.54	37.91%	1.770	59.00%	1.693	59.60%	1.623	59.71%
EBS	0.20	2.99%	0.050	1.67%	0.071	2.51%	0.048	1.78%
SCWD	2.00	29.85%	1.180	39.33%	1.076	37.89%	1.047	38.52%
MNWD	1.96	29.25%	0.000	0.00%	0.000	0.00%	0.000	0.00%
Total	6.70	100.00%	3.000	100.00%	2.840	100.00%	2.718	100.00%

Project Committee No. 17 Liquids (RTP)

Agency	Budget Liquids (mgd)	Budget Liquids (%)	Month Plant Influent (mgd)	Month Centrate (mgd)	Month Total (mgd)(1)	Month Total (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	0.01220	0.157%	0.0000	0.0130	0.0130	0.15%	0.0121	0.16%
EBS	0.00040	0.005%	0.0000	0.0005	0.0005	0.01%	0.0004	0.00%
SCWD	0.00810	0.104%	0.0000	0.0082	0.0082	0.09%	0.0078	0.10%
ETWD	0.01410	0.181%	0.0000	0.0145	0.0145	0.17%	0.0154	0.20%
MNWD	7.75000	99.553%	8.6037	0.0589	8.6626	99.58%	7.7738	99.54%
Total	7.78480	100.000%	8.6037	0.0952	8.6989	100.00%	7.8094	100.00%

(1) Month total does not double count MNWD centrate. It is included in the Monthly Plant Influent too.

SOCWA Operational Report April, 2020 (cont'd)

FY Flow/Solids Summary (cont'd)

Project Committee No. 17 Solids (RTP)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Total Month (lbs)	Total Month (%)	FY Avg Total to Date (lbs)	FY Avg Total to Date (%)
CLB	5,605	11.22%	5,133	12.48%	143,729	13.63%	138,879	12.63%
EBSD	295	0.59%	158	0.38%	6,057	0.57%	4,146	0.38%
SCWD	4,480	8.96%	3,546	8.62%	91,366	8.66%	89,324	8.13%
ETWD	10,200	20.41%	5,755	13.99%	160,703	15.24%	176,066	16.02%
MNWD	29,395	58.82%	26,532	64.52%	652,902	61.90%	690,868	62.85%
Total	49,975	100.00%	41,124	100.00%	1,054,757	100.00%	1,099,283	100.00%

Project Committee No. 24 (ACOO)

Agency	Own (%)	Budget (mgd)	Budget (%)	Month Outfall Flow (mgd)	Month Outfall Flow (%)	FY Avg Outfall Flow (mgd)	FY Avg Outfall Flow (%)
CLB	11.000%	1.89	17.73%	1.693	10.24%	1.623	13.98%
EBSD	0.780%	0.05	0.47%	0.071	0.43%	0.048	0.42%
ETWD	16.302%	2.46	23.08%	3.443	20.83%	2.639	22.74%
IRWD	15.760%	2.48	23.26%	4.595	27.80%	2.930	25.24%
MNWD	43.848%	3.08	28.89%	6.060	36.66%	3.857	33.23%
SCWD	12.310%	0.70	6.57%	0.669	4.05%	0.512	4.41%
Total	100.000%	10.66	100.00%	16.532	100.00%	11.610	100.00%

SOCWA Operational Report April, 2020

Select Critical Equipment Repairs

JBL - PC2

Pressure Tested new gas line for SoCal Gas Company which was found to be damaged. Fabricated sound damping structures around blower exhaust vents which was causing high noise.
Installed diaphragm at Waste Gas Burner which was failing.
Replaced TWAS pump which was failing on low pressure.
Repaired gas leak at Digester #3 vent/ vacuum line.
Fabricated the necessary Manual Bar Rakes for 9 Side Headworks
Repaired Privacy screen at the backside of plant which had fallen into poor condition.
Rebuild and reinstall Liberty Polymer Recirculation Pump at Centrifuge polymer injection feed area due to leaking seals and pump noise.
Set up 2 portable sump pumps at flood control station because of storm flooding at housing track next door.
Changed out Methane gas filters at Co Gen gas skid due to low pressure.
Removed and replaced 6" DeZurick valve Plugs at Digester #4 to prepare for Package B Digester Rehabilitation Project.
Additional pipe supports installed at the DAFT Polymer Supply Pump piping to help with water hammering and pipe sag.
Performed COVID-19 sanitations for the main workplaces, bathrooms, locker rooms, and showers.

CTP - PC15

Installed new motor on West Grit Auger which was in poor condition.
Cleaned CTP storm drainage channels in the plant and in the upper canyon to prep for inclement weather.
Laser aligned the scrubber fan motor and fan pulley to dampen excessive noise.
Preliminary work on routing a new Scum Pump discharge line to the DAFT.
Organized the VSB and created emergency spare parts list for CTP.
Performed electrical shutdown and relocated electrical lines for contractor project.
Cleared out scrubber drain line with jetter which had become clogged.
Plumbed in new A/C drain lines in the Admin Building.
Performed COVID-19 sanitations for the main workplaces, bathrooms, locker rooms, and showers.

RTP - PC17

Performed media swap on sulfide removal vessel for Cogen Engine.
Completed 4k tune-up services for Centrifuge 2 and 4.
Upgraded old eyewash stations which had become defunct.
Fabricated new aluminum grit bin liner to prevent further corrosion.
Fabricated new forklift trailer attachment.
Repaired and replaced motors on Gas Building Ventilation System which were failing.
Repaired loose safety rails all around the plant for safety compliance.
Installed new propane storage cabinets for proper and safe HAZMAT storage.
Relocated polymer filtration unit for construction project and fabricated new bottom support.
Performed COVID-19 sanitations for the main workplaces, bathrooms, locker rooms, and showers.

SOCWA Operational Report April, 2020 (cont'd)

Support Services - ALL PC'S

Added automation for JBL Headworks.
Troubleshoot and made modifications for Cogen Low Digester Gas Pressure alarm at JBL.
Performed investigation and setpoint modification for flow calibration issues at JBL.
Installed new process and trend screens for Cogen Gas Skid at JBL.
Updated network documentation at RTP and JBL.
Upgraded DO probe on Aeration Tank 5 at JBL.
Replaced Gas Skid modulating valve at JBL.
Installed new sample line run to Liquids VAPEX machine at JBL.
Installed new Secondary collectors conduit and wiring for relocation at RTP.
Replaced DO probe for Tank 1 & 6A at RTP.
Performed repairs on Digester Building AHU motor and wires at RTP.
Installed new circuit for mechanic shop overhead door at CTP.
Replaced West Grit Pump motor at CTP.
Upgraded lighting in the Sludge Pit at RTP.
Repaired DPS Building submersible pump at CTP.
Recalibrated VAPEX unit at CTP.
Oversaw 12k tune-up service of the Cogen Engine at RTP.
Troubleshoot Steuler Compressor at RTP which was failing.
Troubleshoot Heat Loop Pump at JBL which had a failed bearing.

Items with a (*) have been identified as preventable repairs.

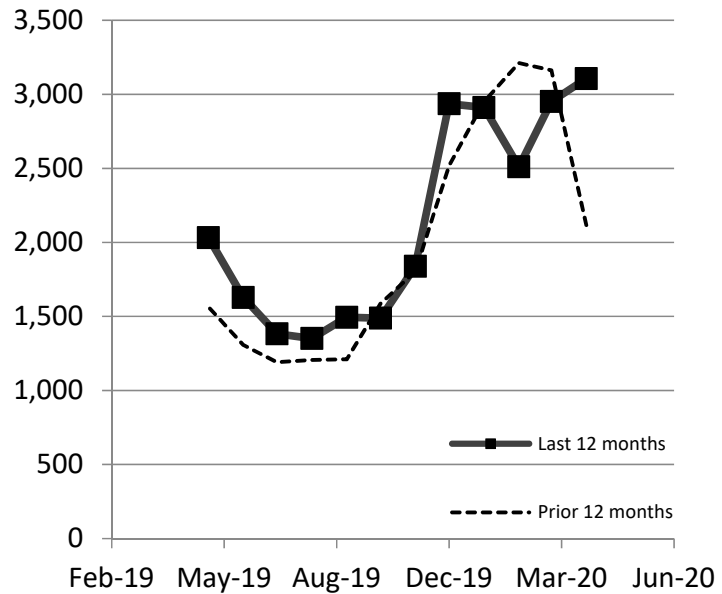
SOCWA Ocean Outfall Discharges by Agency

SOCWA Outfall Discharge Report April, 2020

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.69	10.24%	1.69
EBSD			0.07	0.43%	0.07
SCWD	1.93	10.46%	0.67	4.05%	2.59
MNWD	3.05	16.58%	6.06	36.66%	9.11
ETWD			3.44	20.83%	3.44
CSJC	2.63	14.29%			2.63
SMWD	6.92	37.62%			6.92
CSC	3.88	21.06%			3.88
IRWD			4.60	27.80%	4.60
Total	18.41	100.00%	16.53	100.00%	34.94
or Acre-Feet per year equivalent					39,131

12-Month Running Total Discharge to Ocean Outfalls (AF)

Apr-20	3,107
Mar-20	2,952
Feb-20	2,511
Jan-20	2,911
Dec-19	2,937
Nov-19	1,839
Oct-19	1,489
Sep-19	1,495
Aug-19	1,351
Jul-19	1,382
Jun-19	1,628
May-19	2,033
Total	25,633



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

April 2020

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	FLOW MGD	Fall inches
04/01/20	3.900	10.0	5.2	<0.3	3.559	21.7	13.2	0.1	7.850	16.5	6.0	0.1	2.557	10.5	10.0	<0.1	0.410	0.585	0.129	18.990	0.00
04/02/20	3.705	19.0	4.1		3.380	29.0	14.2	0.1	4.64	9.4	5.0	0.1	1.565	17.3	10.0	<0.1	0.410	0.585	0.112	14.397	0.00
04/03/20	3.370	14.0	6.6	<0.3	3.215	22.7	12.5	0.2	3.730	12.2	7.0	0.2	2.109	10.8	22.0	<0.1	0.411	0.653	0.116	13.604	0.00
04/04/20	3.452	14.0		<0.3	3.418	18.3		0.2	4.180	9.9			2.022				0.412	0.670	0.111	14.265	0.00
04/05/20	3.401	14.0	7.0	<0.3	3.070	17.0		0.1	5.010	9.4	7.0	0.1	2.640	7.0	6.0	<0.1	0.413	0.666	0.124	15.324	0.04
04/06/20	3.465	12.0	6.3	<0.3	4.568	23.2	8.8	0.1	4.790	11.4	8.0	0.1	1.549	12.9	9.0	<0.1	0.411	0.651	0.102	15.536	0.00
04/07/20	4.638	13.0	7.4	<0.3	4.404	19.7	9.7	0.1	8.710	13.2	9.0	0.1	2.879	17.2	11.0	<0.1	0.408	0.596	0.131	21.766	0.74
04/08/20	4.545	15.0	8.4	<0.3	4.339	14.4	8.1	0.1	7.630	9.4	6.0	0.1	3.187	9.6	10.0	<0.1	0.410	0.545	0.004	20.660	0.15
04/09/20	3.665	15.0	8.0	<0.3	4.662	15.2	8.9	0.1	9.000	9.6	5.0	0.2	2.999	15.2	8.0	0.1	0.388	0.506	0.002	21.222	0.77
04/10/20	5.127	12.0	7.5	<0.3	5.378	16.6	11.7	0.1	11.870	7.9	6.0	0.1	3.242	21.8	13.0	0.2	0.387	0.382	0.003	26.389	0.85
04/11/20	3.702	10.0		<0.3	4.453	17.3		0.1	10.930				3.924				0.389	0.004	0.004	23.406	0.00
04/12/20	3.472	13.0	6.9	<0.3	3.478	12.7		0.1	10.630	13.8	12.0	0.1	3.074	3.9	5.0	<0.1	0.387	0.545	0.003	21.589	0.00
04/13/20	3.468	14.0	8.9	<0.3	4.790	13.3	9.4	0.1	9.150	10.2	9.0	<0.1	2.898	2.9	3.0	<0.1	0.388	0.566	0.002	21.262	0.00
04/14/20	4.257	14.0	7.9	<0.3	2.749	13.3	8.5	0.1	8.350	8.0	6.0	<0.1	2.857	5.9	7.0	<0.1	0.388	0.001	0.003	18.605	0.01
04/15/20	3.917	16.0	8.5	<0.3	4.042	10.2	6.5	0.1	6.490	7.2	7.0	<0.1	2.782	5.0	6.0	<0.1	0.388	0.468	0.003	18.090	0.00
04/16/20	3.154	19.0	6.0	<0.3	3.781	7.8	3.9	0.1	6.180	8.1	11.0	0.1	2.732	4.7	4.0	<0.1	0.343	0.545	0.132	16.867	0.00
04/17/20	3.470	17.0	7.0	<0.3	3.749	6.4	4.1	0.1	7.950	6.2	4.0	0.1	2.247	8.1	9.0	0.1	0.349	0.544	0.114	18.423	0.00
04/18/20	3.742	16.0		<0.3	3.641	6.6		0.1	7.930	5.7	6.0	0.2	2.123				0.388	0.665	0.115	18.604	0.06
04/19/20	3.626	16.0	5.7	<0.3	4.536	9.0		0.1	8.130	6.2	7.0	0.1	2.736	7.7	8.0	<0.1	0.387	0.659	0.084	20.158	0.00
04/20/20	3.443	22.0	7.2	<0.3	4.151	12.2	5.9	0.1	5.770	8.5	7.0	<0.1	2.742	7.8	6.0	<0.1	0.387	0.655	0.143	17.291	0.00
04/21/20	3.730	19.0	7.9	<0.3	2.557	10.4	4.7	0.1	5.560	5.8	6.0	0.1	2.765	8.9	7.0	<0.1	0.388	0.653	0.082	15.735	0.00
04/22/20	3.470	15.0	6.2	<0.3	3.584	6.8	4.6	0.1	5.930	6.6	5.0	0.1	1.415	12.7	6.0	0.1	0.332	0.651	0.128	15.510	0.00
04/23/20	3.407	17.0	5.6	<0.3	3.277	9.6	6.3	0.1	3.830	6.2	8.0	0.1	1.947	9.3	7.0	<0.1	0.387	0.649	0.107	13.604	0.00
04/24/20	3.464	17.0	7.0	<0.3	1.301	21.0	10.9	<0.1	2.090	8.1	8.0	0.1	2.225	9.6	8.0	0.1	0.387	0.648	0.113	10.228	0.00
04/25/20	3.404	16.0		<0.3	2.581	11.4		<0.1	3.110				2.055				0.387	0.602	0.114	12.253	0.00
04/26/20	3.609	20.0	5.9	<0.3	2.293	16.2		0.1	2.670	8.1	13.0	<0.1	1.939	11.0	14.0	<0.1	0.387	0.637	0.112	11.647	0.00
04/27/20	3.608	17.0	7.1	<0.3	3.095	23.2	7.0	0.1	3.560	8.6	8.0	<0.1	1.629	8.8	9.0	<0.1	0.387	0.634	0.127	13.040	0.00
04/28/20	2.773	10.0	5.4	<0.3	1.804	12.4	7.9	0.8	2.980	7.7	7.0	<0.1	1.742	9.8	9.0	<0.1	0.387	0.633	0.111	10.430	0.00
04/29/20	3.267	27.0	14.0	<0.3	1.464	15.6	7.8	0.1	1.380	9.8	7.0	0.1	2.218	8.2	6.0	<0.1	0.374	0.631	0.003	9.337	0.00
04/30/20	3.087	15.0	11.0	<0.3	1.984	14.4	8.5	0.1	1.770	9.8	6.0	0.1	2.199	9.0	7.0	0.1	0.387	0.631	0.111	10.169	0.00
AVG	3.645	15.6	7.3	<0.3	3.443	14.9	8.3	<0.1	6.060	9.1	7.3	<0.1	2.433	9.8	8.5	<0.1	0.389	0.562	0.082	16.613	
TOTAL	109.34				103.30				181.80				73.00				11.66	16.86	2.445	498.40	2.62

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: April 2020
 REPORT DUE: June 1 2020
 SAMPLE SOURCE: Surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: High Tide 1042

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	04/24/20	710	20	10	2	None	None	None	None	Green	60	Clear		
S4	04/24/20	1000	<10	<10	<2	None	None	None	None	Brown		Clear		
S5	04/24/20	950	10	<10	<2	None	None	None	None	Brown		Clear		
S6	04/24/20	930	20	<10	<2	None	None	None	None	Brown		Clear		
WEST	04/24/20	920	10	<10	<2	None	None	None	None	Brown		Clear		
S7	04/24/20	910	<10	<10	32	None	None	None	None	Brown		Clear		
S8	04/24/20	900	<10	<10	<2	None	None	None	None	Brown		Clear		
S9	04/24/20	845	10	<10	4	None	None	None	None	Brown		Slightly Turbid		
ACM1	04/24/20	835	10	20	6	None	None	None	None	Brown		Slightly Turbid	Flowing	
S10	04/24/20	810	10	<10	<2	None	None	None	None	Brown		Slightly Turbid		
S11	04/24/20	750	10	10	2	None	None	None	None	Brown		Slightly Turbid		
S12	04/24/20	730	20	<10	<2	None	None	None	None	Brown		Slightly Turbid		

RECREATIONAL WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Unified Beach Monitoring

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: April 2020
 REPORT DUE: June 1, 2020
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 0904

Weather: Overcast

COMMENTS: S4 & S5 was not accessible due to closure

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S3	04/29/20	0959	<10	<10	<2	None	None	None	None	Brown	67			
S4	04/30/20	1110	<10	<10	<2	None	None	None	None	Green		Clear		
S5	04/30/20	1050	<10	<10	<2	None	None	None	None	Green	61	Clear		
S6	04/29/20	0925	20	<10	4	None	None	None	None	Green				
WEST	04/29/20	0920	20	20	2	None	None	None	None	Green				
S7	04/29/20	0915	10	<10	4	None	None	None	None	Green				
S8	04/29/20	0910	<10	<10	<2	None	None	None	None	Green				
S9	04/29/20	0854	400	110	82	None	None	None	None	Green				
ACM1	04/29/20	0852	500	80	130	None	None	None	None	Green			Flowing	
S10	04/29/20	0825	<10	<10	<2	None	None	None	None	Green				
S11	04/29/20	0820	10	<10	<2	None	None	None	None	Green				
S12	04/29/20	0815	<10	<10	2	None	None	None	None	Green				

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

Aliso Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

SOCWA's NPDES discharge permit requires participation in the South Orange County Unified Beach Water Quality Monitoring Program. The monitoring stations below are tested by SOCWA at least once per week for Total and Fecal Coliform and Enterococcus Bacteria.

Station	Location
S3	Three Arch Bay Beach; 10,000' down-coast from ACOO
S4	Ninth Street-1000 Steps; 5,000' down-coast from ACOO
S5	Laguna Lido Beach; 4,000 down-coast from ACOO
West	West Street Drain; 2,000' down-coast from ACOO
S6	Table Rock Beach; 3,000' down-coast from ACOO
S7	Camel Point Beach; 2,000' down-coast from ACOO
S8	Aliso Beach south; 1,000' down-coast from ACOO
S9	Aliso Beach middle; at ACOO
ACM1	Aliso Beach at Aliso Creek Outlet
S10	Aliso Beach north; 1,000' up-coast of ACOO
S11	Treasure Island Beach; 2,000' up-coast of ACOO
S12	Goff Island Beach; 3,000' up-coast of ACOO

Unified Beach Water Quality Sample Station Map – Aliso Creek Ocean Outfall



MONITORING REPORT

Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

REPORT FOR: April 2020

REPORT DUE: June 1, 2020

SAMPLE SOURCE: Receiving water, nearshore and offshore

EXACT SAMPLE POINTS: As specified in permit

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

REPORT FREQUENCY: Monthly

SAMPLING FREQUENCY: Monthly

TYPE OF SAMPLE: Grab

Comments: Low Tide 1138

Sta No.	Sample Depth	Sample Date	Total Coliform	Fecal Coliform	Enterococcus	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600				
A-1	Surface	04/15/20	<2	<2	<2	0801	0	0	
A-1	Mid depth	04/15/20	130	70	10				
A-2	Surface	04/15/20	<2	<2	<2	0746	0	0	
A-2	Mid depth	04/15/20	60	20	<10				
A-3	Surface	04/15/20	<2	<2	<2	0750	0	0	
A-3	Mid depth	04/15/20	<10	<10	<10				
A-4	Surface	04/15/20	2	2	<2	0807	0	0	
A-4	Mid depth	04/15/20	150	80	10				
A-5	Surface	04/15/20	<2	<2	<2	0757	0	0	
A-5	Mid depth	04/15/20	30	40	<10				
B-1	Surface	04/15/20	<2	<2	<2	0731	0	0	
B-1	Mid depth	04/15/20	100	40	20				
B-2	Surface	04/15/20	<2	<2	<2	0816	0	0	
B-2	Mid depth	04/15/20	20	10	<10				
N1	Surface	04/15/20	2	<2	<2	0831	0	0	
N2	Surface	04/15/20	14	<2	2	0830	0	0	
N3	Surface	04/15/20	24	2	12	0829	0	0	
N4	Surface	04/15/20	34	2	6	0828	0	0	
N5	Surface	04/15/20	<2	<2	<2	0827	0	0	
N6	Surface	04/15/20	<2	<2	<2	0825	0	0	
N7	Surface	04/15/20	6	<2	<2	0822	0	0	

REQUIREMENT: (1) Floating particulates and grease and oil shall not be visible. (2) The discharge of wasteshall not cause aesthetically undesirable discoloration of the ocean surface.

**Compliance Summary Report
Aliso Creek Ocean Outfall 2020**

ACOO Permit Order No. R9-2012-0013

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
No Violations in this Reporting Period							



**SOCWA and MEMBER AGENCY FACILITIES
ACOO Spill / Overflow Report Log - 2020
Order No. R9-2012-0013 ~ NPDES Permit No. CA0107611**

Reporting Agency	Responsible Agency	Estimated Volume (Gallons)	Type of Discharge	Location/Comments	Receiving Waters	Date Reported To State	Date Resolved
No Spills during this reporting period.							

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

April 2020

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC	SCWD	SJCOO	Rain
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	Desalter FLOW MGD	Desalter FLOW MGD	FLOW MGD	Fall inches
04/01/20	7.040	13.5	11.7	0.1	3.030	8.7	8.0	<0.1	4.380	4.8	5.1	0.1	1.476	16.0	10.8	ND	0.361	0.197	18.940	0.00
04/02/20	6.360	15.9	11.8	0.1	3.457	8.6	8.0	<0.1	4.560	6.2	5.2	0.3	1.492	11.6	9.4	ND	0.359	0.205	16.890	0.00
04/03/20	6.770	8.2	7.6	0.1	3.311	8.9	9.0	<0.1	4.090	6.6	6.1	0.2	1.523				0.359	0.201	17.380	0.00
04/04/20	6.600				3.335				4.900				1.541				0.358	0.205	17.610	0.00
04/05/20	6.940	10.7	9.4		3.651				5.440				1.563	14.0	10.5	ND	0.358	0.201	16.960	0.04
04/06/20	6.630	9.4	7.7	0.1	3.457	9.8	8.0	<0.1	6.610	5.3	7.2	0.1	2.133	11.2	10.5	ND	0.358	0.200	18.430	0.00
04/07/20	8.520	7.5	6.7	<0.1	4.996	9.0	7.0	<0.1	6.450	1.6	9.0	0.3	2.028	12.4	10.8	ND	0.286	0.205	18.850	0.74
04/08/20	8.450	6.9	6.7	<0.1	4.663	8.0	6.0	<0.1	6.320	5.2	3.6	0.1	1.831	10.0	8.8	ND	0.000	0.201	23.600	0.15
04/09/20	9.000	6.8	8.3	0.1	4.096	7.2	5.0	<0.1	6.330	4.2	3.5	0.1	2.332	5.8	6.5	ND	0.136	0.055	22.960	0.77
04/10/20	11.790	7.1	5.0	0.1	7.264	10.2	7.0	<0.1	7.980	4.4	3.3	<0.1	2.366				0.352	0.193	22.420	0.85
04/11/20	12.600				5.118				6.130				1.917				0.352	0.201	29.350	0.00
04/12/20	9.980	5.4	9.6	<0.1	4.467				6.060				1.725	10.6	7.1	ND	0.352	0.201	29.480	0.00
04/13/20	9.160	11.5	7.0	<0.1	4.201	9.6	8.0	<0.1	5.520	5.1	10.8	0.1	1.721	10.4	9.2	ND	0.351	0.204	23.970	0.00
04/14/20	8.990	8.8	5.7	<0.1	4.289	10.1	6.0	<0.1	5.720	5.2	7.9	0.2	1.605	10.6	10.2	ND	0.350	0.200	22.720	0.01
04/15/20	8.800	6.9	6.0	<0.1	3.277	8.9	6.0	<0.1	4.940	3.4	3.6	0.2	1.558	13.6	11.8	ND	0.350	0.177	21.780	0.00
04/16/20	8.490	6.7	4.5	0.1	3.842	8.5	5.0	<0.1	6.050	4.2	3.5	0.2	1.551	6.4	5.8	ND	0.350	0.170	21.400	0.00
04/17/20	8.370	8.3	5.7	<0.1	3.707	7.6	5.0	<0.1	4.270	8.8	5.2	0.1	1.526				0.350	0.192	20.370	0.00
04/18/20	8.430				3.657				5.030				1.586				0.389	0.205	21.280	0.06
04/19/20	8.560	6.3	5.7		3.845				4.310				1.569	12.4	10.5	ND	0.408	0.201	19.410	0.00
04/20/20	8.440	13.2	8.5	<0.1	3.682	7.3	7.0	<0.1	4.490	5.3	8.4	0.2	1.543	11.0	9.4	ND	0.410	0.201	20.690	0.00
04/21/20	8.550	9.5	6.5	<0.1	2.508			<0.1	4.280	4.7	6.2	0.2	1.530	10.4	8.6	ND	0.407	0.205	19.580	0.00
04/22/20	7.980	8.5	6.0	0.1	2.494	6.6	5.0	<0.1	2.220	4.7	2.8	0.2	1.557	12.6	11.4	ND	0.392	0.201	19.730	0.00
04/23/20	6.680	14.3	7.7	0.1	4.932	4.4	3.0	<0.1	2.460	4.4	2.7	0.2	1.490	9.2	8.8	ND	0.416	0.244	18.540	0.00
04/24/20	6.600	6.8	4.5	0.1	3.128	6.2	5.0	<0.1	1.940	5.2	2.5	0.3	1.279				0.416	0.202	15.230	0.00
04/25/20	7.080				3.338	6.4	5.0	<0.1	0.710				1.540				0.416	0.205	15.550	0.00
04/26/20	6.700	6.9	5.7	<0.1	4.092				1.530				1.517	14.4	11.8	ND	0.416	0.202	15.190	0.00
04/27/20	6.500	9.3	6.0	<0.1	3.973	6.0	7.0	<0.1	1.240	7.2	8.8	<0.1	1.549	17.4	15.6	ND	0.416	0.201	14.180	0.00
04/28/20	6.380	10.1	6.4	<0.1	3.481	4.2	7.0	<0.1	0.720	5.4	7.6	0.1	1.507	15.0	13.6	ND	0.416	0.204	14.920	0.00
04/29/20	6.370	10.5	5.8	<0.1	3.571	4.2	2.0	<0.1	0.360	4.4	3.0	<0.1	1.484	16.4	13.5	ND	0.416	0.202	14.180	0.00
04/30/20	6.150	11.4	6.0	0.2	3.414	4.1	2.0	<0.1	1.330	3.4	3.0	<0.1	1.495	15.4	13.0	ND	0.415	0.201	13.600	0.00
AVG	7.964	9.2	7.0	<0.1	3.876	7.5	6.0	<0.1	4.212	5.0	5.4	<0.2	1.651	12.1	10.3	ND	0.357	0.196	19.506	
TOTAL	238.910				116.276				126.370				49.534				10.715	5.882	585.190	2.62

REPORT FOR: April 2020
 REPORT DUE: June 1, 2020
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 1544

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S0	04/23/20	1510	<20	40	4	None	None	None	None	Green	61	Clear		
S1	04/23/20	1520	<20	<20	2	None	None	None	None	Green		Clear		
S2	04/23/20	1450	500	500	240	None	None	None	None	Brown		Slightly Turbid		
DSB5	04/23/20	1435	140	20	22	None	None	None	None	Brown		Slightly Turbid		
S3	04/23/20	1525	<20	<20	<2	None	None	None	None	Green		Clear		
DSB4	04/23/20	1530	<20	<20	<2	None	None	None	None	Green		Clear		
S5	04/23/20	1540	<20	<20	<2	None	None	None	None	Green		Clear		
DSB1	04/23/20	1545	<20	<20	<2	None	None	None	None	Green		Clear		
SJC1	04/23/20	1500	600	300	160	None	None	None	None	Brown		Turbid	Flowing	

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: April 2020
 REPORT DUE: June 1, 2020
 SAMPLE SOURCE: Receiving water surf zone
 TYPE OF SAMPLE: Grab

REPORT FREQUENCY: Monthly
 EXACT SAMPLE POINTS: As specified in Unified Monitoring Plan
 SAMPLES COLLECTED BY: SOCWA Lab
 SAMPLES ANALYZED BY: SOCWA Lab

Tidal Condition: Low Tide 0702

Weather: Fog

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform CFU/100ml SM9222B	Coliform CFU/100ml SM9222D	coccus CFU/100ml EPA 1600	Onshore	Offshore							
S0	04/27/20	758	20	20	20	None	None	None	None	Green		Turbid		
S1	04/27/20	810	20	<20	4	None	None	None	None	Green		Turbid		
S2	04/27/20	720	360	240	140	None	None	None	None	Green		Slightly Turbid		
DSB5	04/27/20	710	600	200	150	None	None	None	None	Green		Turbid		
S3	04/27/20	812	20	<20	2	None	None	None	None	Green	63	Turbid		
DSB4	04/27/20	815	<20	<20	<2	None	None	None	None	Green		Turbid		
S5	04/27/20	821	<20	<20	<2	None	None	None	None	Green	63	Turbid		
DSB1	04/27/20	830	<20	<20	<2	None	None	None	None	Green	63	Turbid		
C1	04/27/20	725	700	1,100	260	None	None	None	None	Green		Slightly Turbid	Flowing	

RECEIVING WATER LIMITATIONS: Single Sample Maximum - Total coliform density shall not exceed 10,000 per 100ml; Fecal coliform density shall not exceed 400 per 100ml; Enterococcus density shall not exceed 104 per 100ml.

San Juan Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

SOCWA's NPDES discharge permit requires participation in the South Orange County Unified Beach Water Quality Monitoring Program. The monitoring stations below are tested by SOCWA at least once per week for Total and Fecal Coliform and Enterococcus Bacteria.

Station	Location
DSB 5	Doheny Beach – North Creek Outlet 1500' up-coast from SJCOO
S2	Doheny Beach- Midway between Jetty and San Juan Creek
SJC1	San Juan Creek Mouth – up-coast from SJCOO
S0	Doheny Beach at Outfall; surf line over SJCOO
S1	Doheny Beach Campground; 1,000' down-coast from SJCOO
DSB 4	Doheny State Beach; 1,900' down-coast from SJCOO
S3	South Day Use; 2000' down-coast from SJCOO
S5	Doheny Beach near overpass; 3000' down-coast from SJCOO
DSB 1	End of Doheny State Beach; 3500' down-coast from SJCOO



MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

REPORT FOR: April 2020

REPORT FREQUENCY: Monthly

REPORT DUE: June 1, 2020

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: Low Tide 1138

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	
A-1	Surface	04/15/20	4	<2	<2	0930	0	0	0 - None
A-1	Mid depth	04/15/20	200	90	70				1 - Mild
A-2	Surface	04/15/20	8	<2	<2	0936	0	0	2 - Moderate
A-2	Mid depth	04/15/20	110	60	10				3 - Severe
A-3	Surface	04/15/20	2	<2	<2	0940	0	0	
A-3	Mid depth	04/15/20	10	10	<10				
A-4	Surface	04/15/20	<2	<2	<2	0952	0	0	
A-4	Mid depth	04/15/20	430	310	70				
A-5	Surface	04/15/20	<2	<2	<2	0945	0	0	
A-5	Mid depth	04/15/20	260	160	30				
B-1	Surface	04/15/20	6	<2	<2	0921	0	0	
B-1	Mid depth	04/15/20	40	30	10				
B-2	Surface	04/15/20	<2	<2	<2	1000	0	0	
B-2	Mid depth	04/15/20	20	10	<10				
N1	Surface	04/15/20	4	2	<2	0911	0	0	
N2	Surface	04/15/20	4	<2	<2	0909	0	0	
N3	Surface	04/15/20	4	<2	10	0906	0	0	
N4	Surface	04/15/20	20	2	2	0901	0	0	
N5	Surface	04/15/20	2	<2	<2	0859	0	0	
N6	Surface	04/15/20	2	<2	2	0856	0	0	

REQUIREMENT: (1) Floating particulates and grease and oil shall not be visible. (2) The discharge of waste shall not cause aesthetically undesirable discoloration of the ocean surface.

**Compliance Summary Report
San Juan Creek Ocean Outfall 2020**

SJCOO Permit Order No. R9-2012-0012							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
No effluent violations during this reporting period.							



**SOCWA and MEMBER AGENCY FACILITIES
SJCOO Spill / Overflow Report Log - 2020
Order No. R9-2012-0012 ~ NPDES Permit No. CA0107417**

Reporting Agency	Responsible Agency	Estimated Volume (Gallons)	Type of Discharge	Location/Comments	Receiving Waters	Date Reported To State	Date Resolved
No spills during this reporting period.							

Recycled Water Report

**2020 Compliance Summary Report
Recycled Water Permit**

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
MNWD- 3A	1/6/2020	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	1/17/2020	Manganese	12-Month	mg/L	0.05	0.10	
SOCWA - RTP	1/17/2020	TDS	12-Month	mg/L	1000	1062	
MNWD- 3A	offline	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	2/5/2020	Manganese	12-Month	mg/L	0.05	0.10	
SOCWA - RTP	2/5/2020	TDS	12-Month	mg/L	1000	1042	
SOCWA - CTP	2/5/2020	Manganese	12-Month	mg/L	0.05	0.06	
MNWD- 3A	offline	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	3/3/2020	Manganese	12-Month	mg/L	0.05	0.09	
SOCWA - RTP	3/3/2020	TDS	12-Month	mg/L	1000	1032	
SOCWA - CTP	3/3/2020	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - RTP	4/2/2020	Manganese	12-Month	mg/L	0.05	0.10	
SOCWA - RTP	4/2/2020	TDS	12-Month	mg/L	1000	1050	
SOCWA - CTP	4/2/2020	Manganese	12-Month	mg/L	0.05	0.07	
MNWD- 3A	offline	Manganese	12-Month	mg/L	0.05	0.07	
SOCWA - CTP	5/13/2020	Coliform	Instantaneous	cfu/100mL	240	961	

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Apr 30, 2020

Constituent	Units	12-month Avg Maximum Permit Limit	TCWD 12-month Average	SMWD Oso 12-month Average	SMWD Chiquita 12-month Average	SMWD Nichols 12-month Average	MNWD-3A 12-month Average	MNWD-RTP 12-month Average	SCWD-CTP 12-month Average ***
TDS	mg/L	1000	855	648	789	886	837	1,050	893
Chloride	mg/L	375	232	184	145	246	194	237	212
Sulfate	mg/L	400	242	219	188	234	229	287	236
Sodium	mg/L	None	175	130	150	200		165	148
Alkalinity	mg/L	None	-	-	-	-	238	253	204
Adjusted SAR	Ratio	None	68.03	4.67	4.86	5.88	3.83	4.39	4.24
Iron	mg/L	0.3	0.027	0.011	0.158	0.106	0.16	0.342	0.135
Manganese	mg/L	0.05	0.018	0.016	0.028	0.007	0.067	0.096	0.067
MBAS	mg/L	0.5	0.04	0.11	0.19	0.24	0.40	0.08	0.08
Boron	mg/L	0.75	0.286	0.313	0.338	0.390	0.32	0.344	0.34
Fluoride	mg/L	None	0.37	0.723	0.70	0.59	1.07	0.84	0.76
Total Organic Carbon	mg/L	None	8.7	13.0	11.5	10.3	7.5	11.6	9.8

*** The CTP 12-month permit limits are listed below:

TDS	1200 mg/L
Chloride	400 mg/L
Sulfate	500 mg/L

SOCWA Service Area
Recycled Water Production (ac-ft) 2020

Agency	Facility or Region	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Annual Totals
CSJC 1	3-A Plant/MNWD	0.00	0.00	0.00	0.00									0.00
														0.00
CSJC 2	Chiquita/SMWD	0.02	12.69	9.95	9.10									31.76
CSJC 3	Non-Domestic Well	8.63	8.63	2.75	6.73									26.74
ETWD	Region 8	26.43	52.97	29.86	59.75									169.00
IRWD														
4	IRWD - 8	54.89	83.88	50.90	36.29									225.96
4	IRWD - 9	26.02	46.16	24.48	23.10									119.76
SCWD	SOCWA CTP	22.75	48.17	22.67	39.78									133.38
MNWD	JRP	101.06	197.36	111.65	234.19									644.25
	3-A Plant	41.27	0.00	0.00	0.00									41.27
5	CTP	1.02	4.83	3.49	8.29									17.63
SMWD	Oso Creek	151.09	137.88	159.15	82.28									530.40
	Chiquita	64.63	293.17	180.82	132.12									670.74
	Nichols	1.49	1.46	1.48	1.48									5.91
TCWD	RRWRP	50.40	45.36	38.43	37.68									171.87
TOTALS		549.70	932.55	635.63	670.78									2788.66

- 1 Denotes transfer of recycled water from MNWD (3A Plant) for use in the CSJC service area. Not counted as additional production.
- 2 Denotes recycled water purchased from SMWD Chiquita-WRP used in the CSJC service area. Not counted as additional production.
- 3 Denotes nondomestic groundwater produced from wells used for landscape irrigation.
- 4 IRWD production is from recycled water production, nonpotable water wells, and surface water impoundments
- 5 Denotes transfer of recycled water from SCWD (SOCWA CTP) for use in the MNWD service area. Not counted as additional production.

Note: All of ETWD reclaimed water produced and used in Region 8.

NR = No Report

Pretreatment Report

Agenda Item

7a

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report, May 2020
San Juan Creek Ocean Outfall
NPDES Permit #CA0107417 Order #R9-2012-0012
Aliso Creek Ocean Outfall
NPDES Permit #CA0107611 Order #R9-2012-0013

Summary of Program Activities

State contractors conducted a Pretreatment Compliance Audit (PCA) of SOCWA's Pretreatment Program on December 5-6, 2018. Staff received the PCA Report on November 14, 2019 and provided a PCA Report Response to the San Diego Regional Water Quality Control Board (SDRWQCB) on February 5, 2020. The SDWB responded to SOCWA's response on February 21, 2020. The PCA Report Response and SDRWQCB Response was distributed among SOCWA's member agencies (MAs) with the end of the month email sent out on February 27, 2020.

- As noted in the Audit Report and subsequent Responses, SOCWA is required to amend its Pretreatment Sewer Use Ordinance (SUO). This will also require nine of the member agencies to amend their Pretreatment SUOs (EBSO has no industrial users). Staff completed a draft amendment of the SOCWA SUO and sent the draft to legal Staff for review. SOCWA's legal Staff completed its review April 23, 2020. Currently, the SUO changes are under review of SDRWQCB Staff. Once approved, SOCWA Staff will bring the SUO changes before the SOCWA Board of Directors for the amendment adoption process. Staff will then submit revised "redline" SUOs for each MA to begin its SUO amendment adoption process. This action to amend the pretreatment ordinances is considered non-substantial.

Permit Related Activities

The following Wastewater Discharge (WD) Permits, Special Wastewater Discharge (SWD) Permits, Nuisance Water-Special Wastewater Discharge (NSWD) Permits, Non-Industrial Wastewater Discharge (NIWD) forms, and BMP letters were issued or are in the process of being drafted for issuance:

MNWD – WD Permit No. MNWD-2-001 - SOKA University of America STEM Laboratory – University Staff submitted a permit application in October 2019. SOCWA Staff prepared a draft WD Permit currently under review and on hold until operation of the facility commences.

IRWD – SWD Permit No. IRWD-4-001 – Beacon Bay Enterprises – A permit modification request to increase the daily flow limit was submitted to SOCWA on December 23, 2019 and is currently under review. SOCWA Staff is working with site personnel to install a sample barrel to allow for 24-hour composite sampling and ensure discharge flow control by gallons per minute should the flow increase be approved.

MNWD – MNWD-N4-001 –Orange County (OC) Public Works Urban Runoff Treatment Facility – The NSWD Permit for the JO1P28 Storm Drain Diversion Site located at Woodfield Park in Aliso Viejo expired on March 20, 2020. A signed Agreement between MNWD and OC is required prior to issuance of a renewal permit. The MNWD Board and OC Board of Supervisors signed and approved the JO1P28 diversion renewal Agreement and a copy was provided to SOCWA on May 14, 2020 and a renewal NSWD Permit issued on May 20, 2020.

SCWD – Doheny State Beach Sewer Line and Lift Station Replacement Project – Gentry General Engineering submitted a SWD Permit Application on March 16, 2020 to allow for the discharge of groundwater to sewer facilities during construction. Staff has reviewed the initial application and requested the applicant to provide sampling data and diagrams related to the proposed pretreatment equipment. Once the application is complete, Staff will begin to draft a SWD Permit.

SMWD – WD Permit No. SMWD-1-004 - Applied Medical (Passivation Line) – SOCWA Staff received notice that Applied Medical is planning to extend its passivation line and will be submitting a WD Permit Application to aid in the permit modification process. Staff is providing guidance as information is received.

MNWD – Caltrans Fiber Optic Relocation Project – SOCWA Staff received a SWD Permit Application from Flatiron West who is engineering relocation of fiber optic line along the I-5 freeway at La Paz on behalf of Caltrans. A short-term SWD Permit was issued on May 7, 2020 to allow for groundwater, encountered during construction activities, do be discharged to the sewer.

Trainings and Committee Meetings Attended

Staff participated in NACWA Pretreatment zoom discussions on March 11-12 related to pretreatment regulatory updates and PFAS regulations. The annual Pretreatment Committee Meeting was held by Zoom on May 13, 2020.

Staff has and continues to participate in many CWEA and WEF webinars related to the COVID-19 pandemic, continuity of operations, use of effective PPE and disinfection, and sewer research/surveillance.

Inspections

MNWD – SOCWA Staff inspected the acid neutralization system associated with the new SOKA STEM laboratory on May 26, 2020. The laboratory is newly constructed, and the inspection was necessary to ensure no additional building modifications were necessary and so the construction phase of the project could be closed.

Note, due to the COVID-19 pandemic, Staff has suspended most industrial and commercial inspections requiring person to person interaction temporarily unless the inspection is a matter of emergency. Staff expects to resume inspections and sampling events using appropriate PPE by mid-July 2020 at the latest. Further, Staff expects EPA or NACWA will issue guidance related to inspector safety during a pandemic by this timeframe.

Enforcement

CSC – A Warning Notice of Non-Compliance (WNON) was issued to Reynard on May 14, 2020 for failing to submit a copy of the COC with the laboratory report associated with the monthly self-monitoring report (SMR) for April 2020. SOCWA expects all future laboratory report COCs to be submitted and considers this enforcement action resolved.

SMWD – A NON was issued to Applied Medical’s rubber manufacturing facility (WD Permit # SMWD-1-003) on May 15, 2020 for exceeding the permit zinc limit of 7.9 mg/L. Zinc was measured at 11 mg/L on April 29, 2020. An additional sample was collected on May 1, 2020 and zinc measured in compliance with the permit limit. SOCWA considers this enforcement action resolved.

Summary of IWS Activities in the SOCWA Service Area - YTD through May 20, 2020

MA IUs	Events	Permits	NIWD	BMPs	FSEs	QSEs	DSEs	Closed	Enforcement	Total IUs
CLB (S)	0	3	2	5	8	111	25	0	0	154
CSC (S)	58	9	35	18	181	1296	58	0	2	1597
CSJC (S)	1	2	27	59	137	1669	36	0	0	1930
ETWD (M)	1	3	87	0	262	132	84	0	0	568
EBSU (U)	0	1	0	0	0	0	0	0	0	1
IRWD (S)	29	4	51	21	63	937	23	0	0	1099
MNWD (S)	220	4	123	39	627	2075	198	7	0	3065
SMWD (S)	97	6	19	20	198	769	78	3	1	1090
SCWD (S)	34	7	33	7	148	182	27	0	1	404
TCWD (S)	0	11	0	0	0	33		0	0	44
SOCWA (S)	0	3	1	0	0	0		0	0	4
Totals	440	53	378	169	1624	7204	529	10	4	9956

(S) = SOCWA conducts PT program
(M) = MA conducts PT program /w SOCWA
(U) = Urban Diversion Only

NIWD = Non-industrial Waste Discharger
BMP = Best Management Practices
FSE = Food Service Establishment

YTD = Year to Date
OSE = Other Surveyed Establishment
DSE = Dental Surveyed Establishment

Agenda Item

7b

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jason Manning, Director of Engineering

SUBJECT: Capital Improvement Program Status Report

COVID-19 UPDATE:

Currently, all SOCWA Capital Projects are moving forward as planned. We have moved all progress meetings to conference calls and are using electronic communications as much as possible to limit contact with contractors. We are requiring the contractors to practice social distancing and to limit their contact with plant staff.

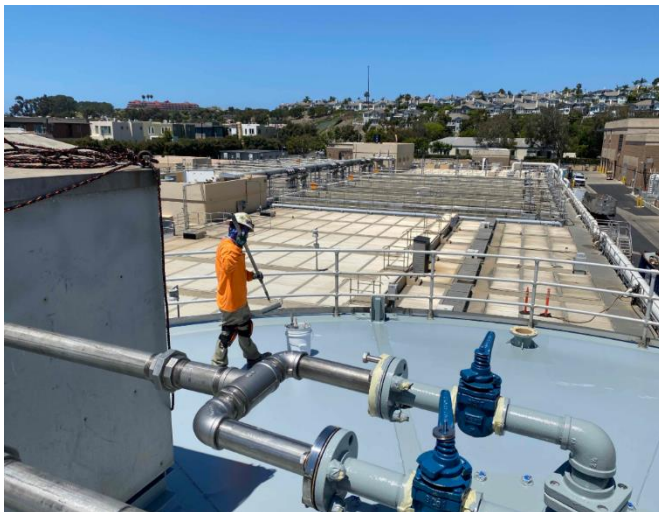
The status of the SOCWA Capital Improvement Program is presented in the tables on the following pages.

Below are photos of the three major construction projects currently underway at each of the treatment plants. All three projects are in the beginning phases of construction.

JB Latham Package B

Plant 1 Basin Repairs, DAF Rehabilitation, Energy Building seismic retrofit and minor rehabilitation, Digester 4 rehabilitation:

Digester 4 Rehabilitation – Work on Digester 4 will be delayed due to COVID-19 related parts deliveries.



Coastal Treatment Plant Facility Improvements

New drainage pump station, new ferric chloride system, new collection equipment in East Sedimentation basins, concrete repair, structural improvements, new switchgear and numerous electrical upgrades:

Installation of new duct bank (Left). Work in the basins continues (Right).



Regional Treatment Plant Miscellaneous Improvements 2018

Secondary electrical upgrades and Primary Gallery rehabilitation, installation of access walkway and Energy Building roof.

Work in the Primary Gallery continues (Left). Work in the DAF Polymer room has begun (Right).



**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 2(R) - JB LATHAM TREATMENT PLANT CAPITAL PROJECTS**

		Fiscal Year 19/20				Fiscal Year 20/21			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th
3220-000; 3216-000; 3287-000	Package B (Plant 1 Basin Repairs, DAF Rehabilitation, Energy Building seismic retrofit and minor rehabilitation, Digester 4 rehabilitation)	C	C	C	C	C	C	C	C
3350-000	MCC "M" Replacement Design	D	D	D	D				
3221-000	Electrical System Evaluation	P	P	P					
3353-000	Centrate System Design		D	D					
4001-000	Plant Drain System Study	P	P						
4201-000	Plant 1 Blower Building Condition Assessment			CA	CA				
4204-000	Electrical Manhole Condition Assessment			CA	CA				
4214-000	Solids Management Plan			P	P				
4202-000	Pipeline Condition Assessment Methodology Evaluation			P	P				
4203-000	Plant Hydraulic Model and Flow Management Plan		P	P	P				
3234-000	Centrate Piping Reconstruction						B&A	C	C
3235-000; 3227-000	Package D Solids Design							D	D
3285-000	Main Plant Drain Line Reconstruction						B&A	C	C
4205-000	Influent Flow Metering Evaluation					P	P		
4206-000	Plant 1 Grit Handling Evaluation					P	P		
4207-000	Chlorine Contact Basin/Effluent Pump Station Condition Assessment						CA		
4208-000	Dana Point Influent Sewer Condition Assessment					CA	CA		
4209-000	Plant 1 Influent Sewer Condition Assessment					CA	CA		
4210-000	Plant 1 Bypass Sewer Condition Assessment					CA	CA		
4211-000	Site Storage Evaluation					P	P		
3229-000	Drainage Pump Station Reconstruction						B&A	C	C
4212-000	Buried Utility Master Plan					P	P		
4213-000	Electrical Conduit and Cable Master Plan					P	P		

P	Planning	D	Design
CA	Condition Assessment	B&A	Bidding and Award
ENV	Environmental/Permitting	C	Construction

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 15(R) - COASTAL TREATMENT PLANT CAPITAL PROJECTS**

		Fiscal Year 19/20				Fiscal Year 20/21			
		Quarter	1st	2nd	3rd	4th	1st	2nd	3rd
3525-000	Personnel Building Reconstruction					B&A	C		
3539-000	Facility Improvements Construction (Basin and Electrical rehabilitation)	C	C	C	C	C	C	C	C
3541-000	Export Sludge System Reconstruction				B&A	C	C	C	C
3553-000	Plant Drainage Improvements				B&A	C	C		
4501-000	Electrical Manhole/Cable Assessment					CA	CA		
4502-000	Building Roof Condition Assessment					CA	CA		
3542-000	South Section Embankment Protection					ENV	ENV	ENV	ENV
15137	Foul Air System Condition Assessment						CA		
15138	Scum Pump Station Condition Assessment							CA	
4503-000	Site Storage Evaluation						P	P	
15139	Buried Utility Master Plan							P	P
3544-000	Aeration Upgrade Construction							D	B&A
3546-000	Chlorine Contact Basin Gates					D	B&A	C	

P
CA
ENV

Planning
Condition Assessment
Environmental/Permitting

D
B&A
C

Design
Bidding and Award
Construction

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 17(R) - REGIONAL TREATMENT PLANT CAPITAL PROJECTS**

		Fiscal Year 19/20				Fiscal Year 20/21			
		Quarter	1st	2nd	3rd	4th	1st	2nd	3rd
3701-000; 3769-000; 3751-000	Miscellaneous Improvement 2018 (Secondary electrical upgrades and Primary Gallery rehabilitation, installation of access walkway and Energy Building roof)	C	C	C	C	C			
3753-000	Aeration Diffuser Upgrade			D	B&A	C	C	C	
3741-000	Southwest Influent Sewer and MH Repair Design								
3756-000	Secondary Clarifier Safety Repairs						B&A	C	C
3757-000	Miscellaneous Safety Imps - Liquids						B&A	C	C
3761-000	External Lighting Upgrade						B&A	C	C
3771-000	Miscellaneous Safety Imps - Solids					B&A	C	C	
3749-000	Phase I Solids Piping Upgrade					B&A	C	C	
3755-000	SE Sewer Rehabilitation								
3758-000	AWT No. 2 Reconstruction						B&A	C	C
3759-000	AWT No. 2 Electrical Upgrades						B&A	C	C
3772-000	Hot Water Piping Reconstruction					B&A	C	C	
3766-000	AWT Hypochlorite Tanks Shade					B&A	C	C	
3773-000	Cogeneration System Modifications			D	D	B&A	C	C	
4704-000	Evaluate Plant and Storm Water Drainage System	P	P						
4703-000	Laboratory Reconstruction Evaluation				P	P	P		

P	Planning	D	Design
CA	Condition Assessment	B&A	Bidding and Award
ENV	Environmental/Permitting	C	Construction

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 17(R) - REGIONAL TREATMENT PLANT CAPITAL PROJECTS CONTINUED**

		Fiscal Year 19/20				Fiscal Year 20/21			
Quarter		1st	2nd	3rd	4th	1st	2nd	3rd	4th
17087	Odor Control Chemical Tank					C			
17088	Primary Sedimentation Condition Assessment					CA			
37001-000; 37002-000; 3779-000	MCC A, C, G, H Replacement						B&A	C	C
37002-000	West Slope Protection						B&A	C	C
37003-000	Admin Building Door & Window Repair						B&A	C	C
3775-000	Aeration Basin Handrail Upgrade						B&A	C	C
3776-000	Effluent Pond Gate Replacement					B&A	C	C	
3777-000; 3778-000	Site Lighting Upgrade							B&A	C
4701-000	Interstage Pump Station Condition Assessment						CA		
4702-000	Site Storage Evaluation							P	P

P	Planning	D	Design
CA	Condition Assessment	B&A	Bidding and Award
ENV	Environmental/Permitting	C	Construction

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 2(R) - JB LATHAM TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECT LIQUIDS			
3220-000	Package B Liquids (Plant 1 Basin repairs, DAF rehabilitation)	Construction	The construction contract for Package 'B' was awarded at the April 4, 2019, SOCWA Board meeting.
4201-000	Plant 1 Blower Building Condition Assessment	Study	The contract was awarded at the September 5, 2019 SOCWA Board Meeting.
4202-000	Pipeline Condition Assessment Methodology Evaluation	Study	Project delayed due to COVID-19, now scheduled to begin in August 2020.
4203-000	Plant Hydraulic Model and Flow Management Plan	Study	The contract was awarded at the October 3, 2019 SOCWA Board Meeting.
3350-000	Motor Control Center 'M' Replacement (2019)	Design	This project is part of the JBL Electrical System Evaluation project. The contract was awarded at the October 3, 2019 SOCWA Board Meeting.
CAPITAL IMPROVEMENT PROJECT COMMON			
3231-000	Package B Common (Energy Building seismic retrofit and minor rehabilitation)	Construction	The construction contract for Package 'B' was awarded at the April 4, 2019, SOCWA Board meeting.
3221-000	Electrical System Evaluation	Study	This project is part of the JBL Electrical System Evaluation project. The contract was awarded at the October 3, 2019 SOCWA Board Meeting.
4001-000	Plant Drain System Study (2017) (NCP)	Study	TetraTech is proceeding with the mapping of the drain system.
4204-000	Electrical Manhole Condition Assessment	Study	This project is part of the JBL Electrical System Evaluation project. The contract was awarded at the October 3, 2019 SOCWA Board Meeting.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 2(R) - JB LATHAM TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECT SOLIDS			
3287-000	Package B Solids (Digester 4 rehabilitation)	Construction	The construction contract for Package 'B' was awarded at the April 4, 2019, SOCWA Board meeting.
3353-000	Centrate System Design (2019)	Design	The recommendation for award of the contract is being presented at the October 3, 2019 SOCWA Board Meeting.
4214-000	Solids Management Plan	Study	Project is scheduled to begin pending the results of the Innovative Biosolids project.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 5 - SAN JUAN CREEK OCEAN OUTFALL CAPITAL PROJECTS
(‘19/’20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECTS			
3601-000	Junction Structure Rehabilitation Design	Design	The proposals for this work were approved at the June 6, 2019 Board Meeting.
3357-000	Junction Structure Reinforcement Permitting and Final Design	Design	The proposals for this work were approved at the June 6, 2019 Board Meeting.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 15(R) - COASTAL TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECTS LIQUIDS			
3539-000	Facility Improvements (Basin and Electrical Rehabilitation)	Construction	The construction contract for Facility Improvements Project was awarded at the June 6, 2019 SOCWA Board meeting. Task 3595-000 has been combined into to this one Task Code.
3534-000	Export Sludge System (1997)	Design	The California Coastal Commission approved the permit extension. Approval of the Public Access Plan is pending. Due to the timing of the permitting and nesting season, the project has been delayed to start in the fall of 2020.
3358-000	Personnel Building Reconstruction (2019)	Bid	Project delayed due to COVID-19, now scheduled to being in September 2020.
3361-000	AWMA Road Sites West 1 and 2 Embankment Protection (2019)	Design	The engineering services contracts were awarded to Tetra Tech and Dudek at the August 8, 2019 SOCWA Board meeting.
3362-000	Aliso Creek Long Term Repair Planning (2019)	Planning	The engineering services contracts were awarded to Tetra Tech and Dudek at the August 8, 2019 SOCWA Board meeting.
3553-000	Plant Drainage Improvements (2017)	Design	TetraTech has completed design. Project expected to advertise for bid in June 2020.
3360-000	Vehicle Storage Building Roof (2019)	Construction	Project completed by Operations staff.
4501-000	Electrical Manhole/Cable Assessment	Study	Project delayed due to COVID-19, now scheduled to being in September 2020.
4502-000	Building Roof Condition Assessment	Study	Project delayed due to COVID-19, now scheduled to being in September 2020.
CAPITAL IMPROVEMENT PROJECT AWT			
3364-000	Chlorine Contact Basin Mixer Construction (AWT) (2019)	Construction	Installation of clearwell pump valves was completed in August 2019. Design of pilot valve panel and installation will likely occur in March 2020.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 17(R) - REGIONAL TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECT LIQUIDS			
3701-000	Miscellaneous Improvements 2018 (Secondary electrical upgrades and Primary Gallery rehabilitation)	Construction	The construction contract was awarded to Filanc at the May 16, 2019 SOCWA Board meeting. Tasks 3702-000, 3730-000, 3784-000, 3785-000, and 3786-000 have been combined into to this one Task Code.
3752-000	AWT No.2 Upgrade Design (2017)	Design	The design by Carollo is completed. MNWD has requested that this project be delayed pending studies and further evaluation by MNWD.
3758-000	AWT No.2 Upgrade Construction	Bid	A small portion of this project will be completed this year to maintain operation of the AWT
3759-000	AWT No.2 Electrical Upgrades	Bid	A small portion of this project will be completed this year to maintain operation of the AWT
3741-000	Southwest Influent Sewer and Manhole Design (2019)	Design	The draft RFP for this item will be presented to the Engineering Committee after completion of the Moulton Niguel Water District design.
4008-000	Effluent Equalization Pond and Gate Condition Assessment (2017) (NCP)	Condition Assessment	Due to weather and COVID-19, this will be delayed until Winter of 2020

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 17(R) - REGIONAL TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECT COMMON			
3769-000	Trailer Drain Line	Construction	This is the common portion of the Miscellaneous Improvement 2018 project. The construction contract was awarded to Filanc at the May 16, 2019 SOCWA Board meeting.
3744-000	Administration Building Repair Design (2019)	Design	This project has been awarded to Tetra Tech.
3745-000	West Slope Protection Evaluation (2019)	Study	This project has been awarded to Tetra Tech.
3746-000	Motor Control Center A, G, H Design (2019)	Design	The SOCWA Board approved the award of contract to Lee & Ro at the March 7, 2019, SOCWA Board Meeting. This project is currently delayed due to requests by ETWD to review other options.
3747-000	Southside Plant Flooding Evaluation (2019)	Study	This project has been awarded to Tetra Tech.
3740-000	SE Electrical Manhole Reconstruction (2018)	Design	The SOCWA Board approved the award of contract to Lee & Ro at the March 7, 2019, SOCWA Board Meeting.
4703-000	Laboratory Reconstruction Evaluation	Study	Project is delayed due to COVID-19 and is scheduled to begin in Fall 2020.
4704-000	Evaluate Plant and Storm Water Drainage System	Study	This project has been awarded to Tetra Tech.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 17(R) - REGIONAL TREATMENT PLANT CAPITAL PROJECTS
('19/'20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECT SOLIDS			
3751-000	Miscellaneous Improvements 2018 (Installation of access walkway and Energy Building roof)	Construction	The construction contract was awarded to Filanc at the May 16, 2019 SOCWA Board meeting. Task 3790-000 has been combined into to this one Task Code.
3749-000	Phase I Solids Piping Upgrade (2019)	Construction	This project has been delayed due to COVID-19 and is expected to advertise for bid in Fall 2020.
3750-000	Dewatering Room Floor Sealing and Lighting (2019)	Design	Harper & Associates has been retained to provide a specification for the floor sealing.
3754-000	SET Piping Reconstruction (2019)	Construction	This project has been delayed due to COVID-19 and is expected to advertise for bid in Fall 2020.
3790-000	Solids Area Upgrade Design (2018)	Design	Lee & Ro is working on the design for the modifications to the digester gas piping.
3772-000	Hot Water Piping Reconstruction	Design	Carollo has completed the initial design for upgrading the Hot Water Piping.
3773-000	Cogeneration System Modifications	Design	A review is being conducted to identify the needed elements for this project.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 21 - EFFLUENT TRANSMISSION MAIN CAPITAL PROJECTS
(‘19/‘20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECTS			
3105-000	Air Vacuum Release Valve Replacement Reach D Design and Permitting	Design	RFP for design to be submitted in July 2020
3106-000	Air Vacuum Release Valve Replacement Reach E Design and Permitting	Design	RFP for design to be submitted in July 2020
3101-000	Trail Bridge Creek Crossing Protection (Reach D) Design and Permitting	Design	Tetra Tech has submitted a set of design drawings for SOCWA review.

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 24 - ALISO CREEK OCEAN OUTFALL CAPITAL PROJECTS
(‘19/‘20)**

<i>Task Code</i>	<i>Description</i>	<i>Phase</i>	<i>Status</i>
CAPITAL IMPROVEMENT PROJECTS			
3480-000	Internal Seal Replacement (2018)	Design	A purchase order has been issued to Black & Veatch to provide design documents. The project is expected to advertise for bidding in May 2020.

Agenda Item

7c

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jason Manning, Director of Engineering

SUBJECT: Capital Improvement Program Project Financial Status and Change Orders

Summary/Discussion

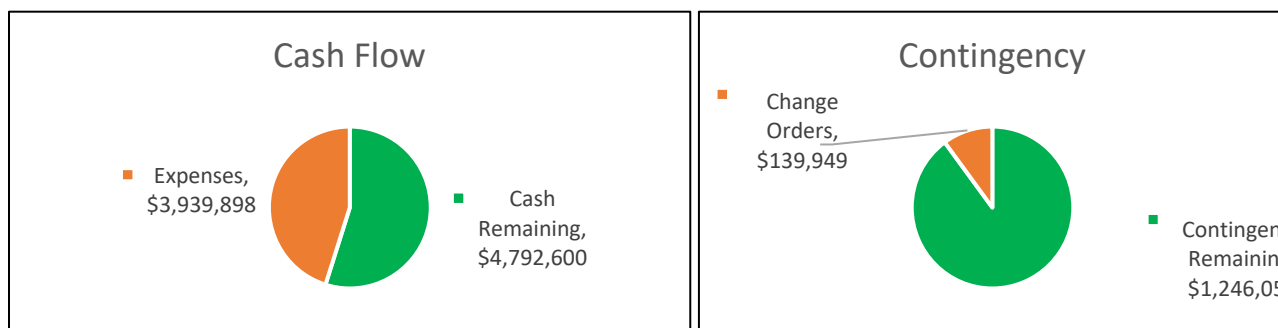
The attached CIP Report shows the financial status of the three major construction projects as well any potential and Engineering Committee reviewed change orders. There are currently no new change orders presented in this report.

As a reminder, change orders within the General Manager's purchasing authority (less than \$50,000) and within the project contingency will be presented in this report to the Engineering Committee and then to the Board of Directors. This is in accordance with the current purchasing policy, the change order procedure update provided to Engineering Committee in November 2019 and the contingencies approved by the Board in December 2019.

Recommended Action: Staff recommends the Board of Directors receive and file the Capital Improvement Program Project Financial Status and approve the Change Orders as shown in the report.

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



Cash Flow

Collected	\$8,732,498
Expenses	\$3,939,898

Project Completion

Schedule	29%
Budget	20%

Contracts

Company	PO No.	Original	Change Orders	Total
Olsson	13497	\$ 17,325,000	\$ 131,403	\$ 17,456,403
Butier	13647	\$ 1,055,325	\$ -	\$ 1,055,325
Carollo	13616	\$ 846,528	\$ -	\$ 846,528
TetraTech	13605	\$ 94,000	\$ -	\$ 94,000
		\$ 19,320,853	\$ 131,403	\$ 19,452,256

Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3220-000	\$ 616,800	\$ -	\$ 616,800	0.0%
Common	3231-000	\$ 96,800	\$ -	\$ 96,800	0.0%
Solids	3287-000	\$ 672,400	\$ 139,949	\$ 532,451	26.3%
		\$ 1,386,000	\$ 139,949	\$ 1,246,051	11.2%

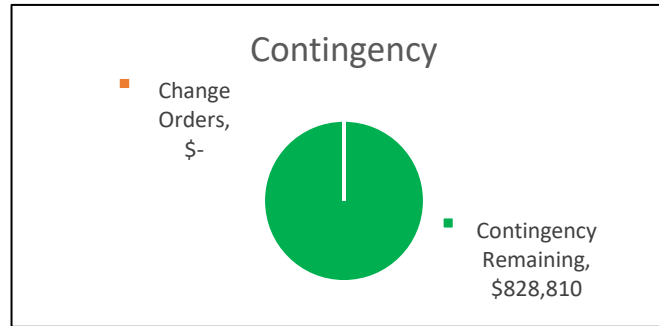
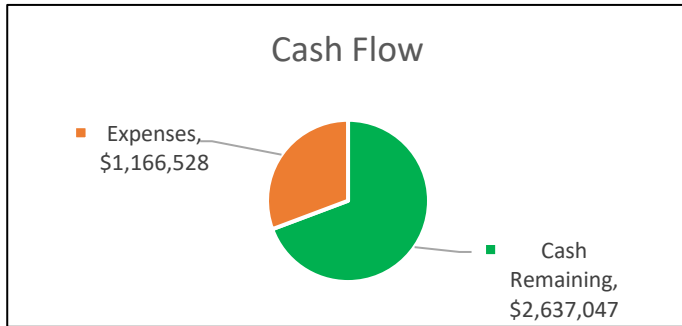
Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Potential Change Amount	Final Amount
1	Olsson	3287-000	Addition of Loop Piping to the Existing Hot Water Lines Adjacent to Digester 3	Approved by Board of Directors on 12/12/2019	12/12/2019		\$ 4,725
2	Olsson	3287-000	Asbestos Gaskets in Boiler hazardous disposal	Within Contengency, recommended by Engineering Committee	3/12/2020		\$ 6,343
3	Olsson	3287-000	Add Analog Infrastructure and Cabling	Within Contengency, recommended by Engineering Committee	3/12/2020		\$ 37,970
4	Olsson	3287-000	Digester 4 Coating Additional Sealant	Within Contengency, recommended by Engineering Committee	3/12/2020		\$ 24,002
5	Olsson	3287-000	Valve Handwheel Ergonmic extension	Within Contengency, to be presented to Engineering Committee	(blank)		\$ 16,370
6	Olsson	3287-000	Change to DeZurik Plug Valves to match existing	Within Contengency, to be presented to Engineering Committee	(blank)		\$ 41,994

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Potential Change Amount	Final Amount
A	Olsson	3287-000	Digester 4 Rail Coating. The coating is not needed and resulting in a credit but some rehabilitation work will be needed.	Potential Change	(blank)	-\$1,000	\$ -
B	Olsson	3287-000	Digester 4 Control Narrative needed	Potential Change	(blank)	\$5,000	\$ -
C	Olsson	3287-000	TWAS Slab Modifications	Potential Change	(blank)	\$10,000	\$ -
D	Olsson	3287-000	Digester 4 Tank Repairs	Potential Change	(blank)	\$10,000	\$ -
E	Olsson	3287-000	Relocation of MCC-F1	Potential Change	(blank)	\$40,000	\$ -
F	Olsson	3287-000	Conduit Routing Conflict	Potential Change	(blank)	\$15,000	\$ -
G	Olsson	3287-000	Digester 4 Compressor Supply Line	Potential Change	(blank)	\$0	\$ -
H	Olsson	3287-000	Additional Concrete Repair	Potential Change	(blank)	\$5,000	\$ -
J	Olsson	3287-000	Duct Bank Digester 4 Interferences	Potential Change	(blank)	\$50,000	\$ -
K	Olsson	3287-000	Duct Bank O Interferences	Potential Change	(blank)	\$5,000	\$ -
Grand Total						\$139,000	\$131,403

Project Financial Status

Project Committee	15
Project Name	Facility Improvements
Project Description	Basin and Electrical rehabilitation



Cash Flow

Collected	\$3,803,575
Expenses	\$1,166,528

Project Completion

Schedule	30%
Budget	11%

Contracts

Company	PO No.	Original	Change Orders	Total
PCL	13751	\$ 9,209,000	\$ -	\$ 9,209,000
Butier	13647	\$ 812,288	\$ -	\$ 812,288
Hazen & Sawyer	13648	\$ 490,484	\$ -	\$ 490,484
		\$ 10,511,772	\$ -	\$ 10,511,772

Contingency

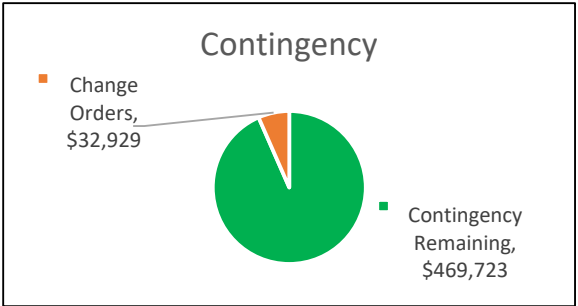
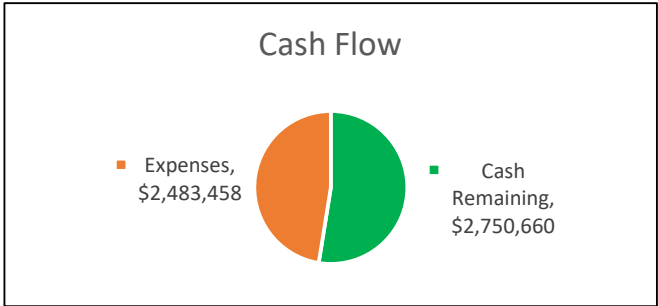
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3539-000	\$ 828,810	\$ -	\$ 828,810	0.0%
		\$ 828,810	\$ -	\$ 828,810	0.0%

Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Potential Change Amount	Final Amount
A	PCL	3539-000	Additional Potholing	Potential Change	(blank)	\$10,000	\$ -
B	PCL	3539-000	EQ Basin Drain Connection	Potential Change	(blank)	\$30,000	\$ -
C	PCL	3539-000	Gas Line Replacement	Potential Change	(blank)	\$25,000	\$ -
D	PCL	3539-000	Main Switchgear Building Underground Conflicts	Potential Change	(blank)	\$5,000	\$ -
E	PCL	3539-000	Remove Drainage Pump Station from scope	Potential Change	(blank)	-\$400,000	\$ -
F	PCL	3539-000	Chip and Remove Concrete around Mud Valve Bolts	Potential Change	(blank)	\$7,000	\$ -
G	PCL	3539-000	Ferric Chloride Area Shoring	Potential Change	(blank)	\$0	\$ -
H	PCL	3539-000	Secondary Clarifier Anchor Bolt Replacement	Potential Change	(blank)	\$21,000	\$ -
I	PCL	3539-000	SCE Transformer Slab box and Trench	Potential Change	(blank)	\$18,000	\$ -
Grand Total						-\$284,000	\$ -

Project Financial Status

Project Committee	17
Project Name	Miscellaneous Improvements 2018
Project Description	Secondary electrical upgrades and Primary Gallery rehabilitation, installation of access walkway and Energy Building roof



Cash Flow

Collected	\$5,234,118
Expenses	\$2,483,458

Project Completion

Schedule	54%
Budget	55%

Contracts

Company	PO No.	Original	Change Orders	Total
Filanc	13678	\$ 4,181,205	\$ 32,929	\$ 4,214,134
Dudek	14064	\$ 137,625	\$ -	\$ 137,625
Lee & Ro	14006	\$ 123,310	\$ -	\$ 123,310
		\$ 4,442,140	\$ 32,929	\$ 4,475,069

Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3701-000	\$ 343,593	\$ 32,929	\$ 310,664	10.6%
Common	3769-000	\$ 4,545	\$ -	\$ 4,545	0.0%
Solids	3751-000	\$ 154,514	\$ -	\$ 154,514	0.0%
		\$ 502,652	\$ 32,929	\$ 469,723	7.0%

Change Orders

Change Order No.	Vendor Name	Project ID	Description	Status	Status Date	Potential Change Amount	Final Amount
A	Filanc	3701-000	Addition of sump pump in new manhole	Potential Change	(blank)	\$2,000	\$ -
B	Filanc	3701-000	Change 3" air line to 1"	Potential Change	(blank)	-\$500	\$ -
C	Filanc	3701-000	Primary Deck Conduit Supports	Potential Change	(blank)	\$10,000	\$ -
D	Filanc	3701-000	Ductbank Vault size change to accomodate existing utilities and sump	Potential Change	(blank)	\$40,000	\$ -
Grand Total						\$51,500	\$ -

Agenda Item

8a

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors
FROM: Betty Burnett, General Manager
SUBJECT: Report of the Nominating Committee for Selection of Officers for the Board of Directors – Fiscal Year (FY) 2020/2021

Background

The annual election of officers for SOCWA is typically scheduled for the June Board meeting. The Chairman and Vice-Chairman are selected along with the Secretary/Treasurer and an Assistant Secretary of the Board of Directors. The General Manager is typically selected to serve as the Secretary/Treasurer and the Executive Assistant as the Assistant Secretary.

At the May Board Meeting Chairman Feronis appointed a Nominating Committee comprised of Director Collings and Director Dunbar to recommend nominees for each position. The table below specifies the Nominating Committee's recommendations for FY2020/21. The Nominating Committee is prepared to offer a recommendation to the Board of Directors for the election/appointment of officers to serve for FY2020-2021.

NOMINATING COMMITTEE RECOMMENDATIONS – FY2020/21

<i>Officer</i>	<i>Nominee</i>
Chairman	To be announced
Vice-Chairman	To be announced
Secretary/Treasure	Betty Burnett, General Manager
Assistant Secretary	Danita Hirsh, Executive Assistant

Recommended Action: The SOCWA Board of Directors elect/appoint Officers to serve the Authority during FY2020/21.

Agenda Item

8b

Budgeted: Yes
Budget amount: \$452,000
Line Item: PC2, 15 &17 Lines 5008
Legal Counsel Review: No
Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Contract Extension Award to Miles Chemical for Ferric Chloride
[PC 2, PC 15, & PC 17]

Summary

The initial 2-year term of the ferric chloride chemical contract with Miles Chemical is ending on June 30, 2020. There are up to 3 annual renewals available with the contract. This chemical is necessary to maintain compliance with air quality regulation for sulfides in digester gas, control treatment plant odors, and ensure consistent settling in the wastewater treatment process.

Because of the substantial proposed increase of 24% by Miles Chemical, the SOCWA Board is being requested to approve the 1-year contract extension with Miles Chemical for Ferric Chloride at \$610 per dry ton, plus applicable fees and taxes, including applicable charges for split load deliveries.

Discussion/Analysis

The proposed increase from Miles Chemical for this 1-year extension is an increase of 24% over the current contract pricing. The increase would be from \$493.68 to \$610.00 per ton. The primary driver for the proposed increase in the costs for the raw ingredients. Ferric Chloride production typically involves the use of waste products from manufacturing that are high in iron content. However, with the slowdown in output worldwide, these waste products are not available, requiring Miles Chemical to acquire suitable iron materials to produce ferric chloride.

The recent bidding for ferric chloride also reflects these and other increases:

Agency	Date	CWT/Miles	Kemira	Pencco	Low Bid
Encina	7-2019	\$630	\$631	No Bid	\$630
Simi Valley	1-2020	\$630	\$641	\$750	\$630
Sweetwater	5-2020	\$638	\$638	\$800	\$638

Miles Chemical is also proposing pricing for smaller loads to offset increased trucking costs being incurred during the ongoing Pandemic, as follows:

20,000 – <40,000 lbs.: \$710.00 / dry ton
10,000 – <20,000 lbs.: \$825.00 / dry ton

SOCWA operated plants do not use less than full loads. However, some of the smaller agency plants in SOCWA will use some of these prices on occasion.

O&M staff will continue to track the production of the waste ingredients for ferric chloride over the next 6 months. If conditions improve that could lower the cost for producing ferric chloride, O&M staff will contact Miles Chemical to get better pricing. If O&M staff cannot get better pricing, a request for proposals will be issued, and the last two potential contract extensions with Miles Chemical will be forfeited.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

The impact on each of the three Project Committees will be a 24% increase over last year's expenses for ferric chloride.

Recommended Action: Staff recommends the Board of Directors to authorize the General Manager to provide a 1-year contract extension to Miles Chemical, Inc. for Ferric Chloride at a rate of \$610.00 per dry ton for full loads (40,000+ dry tons), \$710.00 per dry ton for loads of 20,000 to <40,000 dry tons and \$825.00 per dry ton for loads of 10,000 to <20,000 dry ton.

Agenda Item

8c

Budgeted: Yes

Budget amount: \$75,000

Line Item: PC 2 Line Item 5013

Legal Counsel Review: No

Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Landscaping Contract Extension with BrightView Landscape Services at JBL [PC 2]

Summary

At the end of June 2020, the existing contract with BrightView Landscape Services for landscaping services at JBL will expire and needs to be extended. Staff proposes extending the contract for one (1) additional year due to the difficulty in bidding projects under the current COVID19 emergency protocols.

Discussion/Analysis

SOCWA staff traditionally requests proposals when contracts are expiring. However, the ongoing COVID19 Pandemic protocols limit staff and contractor's abilities to travel and conduct normal business. To protect SOCWA's employees and limit potential exposure to COVID19, O&M staff is recommending adding one (1) additional year to the existing landscaping contract for JBL.

O&M staff will conduct a traditional procurement process for this contract once it is safe to conduct business and allow new vendors to the site. The vendor is proposing a 2.5% increase over the current monthly contract costs. The monthly fee will be \$3,039.24, with the total value of the contract not to exceed \$36,470.88.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

Landscaping costs are allocated using the common allocations for PC-2. The following table shows the allocation of the contract value:

Agency	Common Allocation %	Cost
CSJC	30.39%	\$11,083.50
MNWD	22.35%	\$8,151.24
SCWD	24.42%	\$8,906.19
SMWD	22.84%	\$8,329.95
Total	100.00%	\$36,470.88

Recommended Action: Staff recommends the Board of Directors authorize the General Manager to provide up to one (1) year contract extension to BrightView Landscape Services for landscaping services at JBL (PC-2), for an amount not to exceed \$36,470.88.

Agenda Item

8d

Budgeted: Yes
Budget amount: \$74,000
Line Item: PC 17 Line Item 5013
Legal Counsel Review: No
Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Jim Burror, Director of Operations

SUBJECT: Landscaping Contract Extension with BrightView Landscape Services at RTP [PC 17]

Summary

At the end of June 2020, the existing contract with BrightView Landscape Services for landscaping services at RTP will expire and needs to be extended. Staff proposes extending the contract for one (1) additional year due to the difficulty in bidding projects under the current COVID19 emergency protocols.

Discussion/Analysis

SOCWA staff traditionally requests proposals when contracts are expiring. However, the ongoing COVID19 Pandemic protocols limit staff and contractor's abilities to travel and conduct normal business. To protect SOCWA's employees and limit potential exposure to COVID19, O&M staff is recommending adding one (1) additional year to the existing landscaping contract for RTP.

O&M staff will conduct a traditional procurement process for this contract once it is safe to conduct business and allow new vendors to the site. The vendor is proposing a 2.5% increase over the current monthly contract costs. The monthly fee will be \$6,587.36, with a total value of the contract not to exceed \$79,048.32.

Prior Related Project Committee or Board Action(s)

None

Fiscal impact

Landscaping costs are allocated using the common allocations for PC-17. The following table shows the allocation of the contract value:

Agency	Common Allocation %	Cost
CLB	6.27%	\$4,956.33
EBSD	0.33%	\$260.86
ETWD	10.26%	\$8,110.36
MNWD	78.13%	\$61,760.45
SCWD	5.01%	\$3,960.32
Total	100.00%	\$79,048.32

Recommended Action: Staff recommends the Board of Directors authorize the General Manager to provide up to one (1) year contract extension to BrightView Landscape Services for landscaping services at RTP (PC-17), for an amount not to exceed \$79,048.32.

Agenda Item

8e

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Investment Policy for Public Funds Annual Review

Summary

At its December 7, 2017, Board of Directors meeting, the Board approved Resolution No. 2017-09 and repealed Resolution 2007-05 bringing the Investment Policy for Public Funds current.

As directed by the Board, the General Manager and Finance Controller are to review the policy annually and recommend any revisions necessary. In preparation for the 2020-2021 fiscal year, staff has completed the review and evaluation of the Investment Policy for Public Funds and find the policy may continue without revision.

Recommended Action: Staff recommends the Board of Directors receive and file subject report indicating there is no change to the SOCWA Investment Policy based on the annual review.

Investment Policy For Public Funds



	POLICY NUMBER 2017-XX
Agency Policy	Title: Investment Policy for Public Funds
Revised: December 7, 2017	

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- 2. Objective**
- 3. General Policy**
- 4. Delegation of Authority**
- 5. Ethics and Conflicts of Interests**
- 6. Authorized Financial Institutions**
- 7. Safekeeping and Custody**
- 8. Reporting Guidelines**
- 9. Policy Revisions**
- 10. Policy Approval and Adoption**

	POLICY NUMBER 2017-XX
Agency Policy	Title: Investment Policy for Public Funds
Revised: December 7, 2017	

1. PURPOSE OF POLICY

This statement is intended to provide guidelines to the Agency General Manager for the prudent investment of the South Orange County Wastewater Authority’s (“SOCWA”) available funds, and to outline policies for the safe and prudent management of SOCWA funds without sacrificing safety or liquidity. The Finance Committee will review this Policy annually, and if advisable, will recommend changes for approval of the Board of Directors.

2. OBJECTIVE

SOCWA’s cash management system is designed to accurately monitor and forecast expenditures and revenues. All funds will be invested with the intent of maximizing safety and liquidity.

3. GENERAL POLICY

SOCWA invests member agency funds deposited with SOCWA in accordance with the prudent investor standard, Government Code Section 53600.3, which states:


“When investing, reinvesting, purchasing, acquiring, exchanging, selling or managing public funds, a trustee shall act with care, skill, prudence and diligence under the circumstances then prevailing, including but not limited to the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency. Within the limitations of this section and considering individual investments as part of an overall strategy, investments may be acquired as authorized by law.”

As long as the investment complies with the aforesaid standard and is allowable under current statutes of the State of California (Government Code Section 53600 et seq.), SOCWA has a range of investment opportunities.

Investments may be made in the following:

(See Attachment A-1)


The list of permitted investments under Attachment A-1 does not include all of those which are permitted under the California Government Code; rather this list includes the securities which are most appropriate to SOCWA. Specific limitations on these investments are specified.

	POLICY NUMBER 2017-XX
Agency Policy	Title: Investment Policy for Public Funds
Revised: December 7, 2017	

Criteria for selecting investments and order of priority are:

- a) Safety. The Safety and risk associated with an investment refer to the potential loss of principal, interest, or a combination of these amounts. SOCWA only operates in those investments that are considered very safe.
- b) Liquidity. This refers to the ability to “cash in” at any moment in time with a minimal chance of losing some portion of principal or interest. Liquidity is an important investment quality especially when the need for unexpected funds occurs.
- c) Yield. Yield is potential dollar earnings an investment can provide, and sometimes is described as the rate of return.
- d) Safekeeping. Securities purchased from brokers/dealers shall be held in third party safekeeping by that trust department of the local agency’s bank or other designated third party trust, in local agencies name and control whenever possible.
- e) Investment objective. The cash management system of SOCWA is designed to accurately monitor and forecast expenditures and revenues, thus insuring the investment of monies to the fullest extent possible. SOCWA attempts to obtain the highest interest yields possible as long as investments meet the criteria required for safety and liquidity.
- f) Maximum Secured Investment. SOCWA may invest in Certificates of Deposit up to a maximum amount of \$250,000 per institution. SOCWA will rely on the FDIC \$250,000 insured limit to obtain security on the invested funds and will request that interest earned be paid monthly, in order to reduce the risk of loss interest.
- g) Should premature cancellation of an investment vehicle (under Attachment A-2) become necessary, the General Manager shall consult with either the Finance Committee, the Finance Committee Chairman, or the Board Chairman as time allows and determine the appropriate action to ensure the safety of SOCWA deposits. The SOCWA Finance Committee will be notified as soon as possible of the steps taken.

All member agency funds, to be invested, will be held in the California State local Agency Investment Fund (LAIF) unless the General Manager is instructed by the Finance Committee to invest in the investment vehicles listed in Attachment A-2. Staff would then present proposals to the Finance Committee, outlining the specifics of any investments to be made that meet the requirements of this policy. Upon approval, from the Finance Committee, investments will be made as soon as funds can be transferred. Any changes to investments approved by the Finance Committee will be reported to the Board of Directors at the next meeting of the Board of Directors.

	POLICY NUMBER 2017-XX
Agency Policy	Title: Investment Policy for Public Funds
Revised: December 7, 2017	

4. DELEGATION OF AUTHORITY

Authority to manage SOCWA’s investment program is derived from the approval of Resolution No. 2017-08 Adopting Investment Policy for+ Public Funds. Management responsibility for the program is hereby delegated to the General Manager of SOCWA who, pursuant to the approved terms under this Policy, has established investment program procedures and span of control requirements for staff. No person may engage in an investment transaction except as provided under the terms of this policy.

Broker/Dealers will be avoided whenever possible, unless specifically authorized by the Finance Committee.

5. ETHICS AND CONFLICTS OF INTERESTS

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions. Employees shall disclose to the General Manager any material financial interests in financial institutions that conduct business within the SOCWA jurisdiction, and they shall further disclose any personal financial/investment positions or interests related to the performance of the SOCWA’s portfolio. Employees and officers shall subordinate their personal investment transactions to those of SOCWA, particularly with regard to the time of purchases and sales. These requirements are in addition to other conflict of interest rules that may otherwise apply.

6. AUTHORIZED FINANCIAL INSTITUTIONS


No public deposits shall be made except in a qualified public depository as established by state law. No Certificate Deposit shall be placed with any institution unless such deposit is FDIC insured.

7. SAFEKEEPING AND CUSTODY

All security transactions entered into by the SOCWA shall be conducted on a delivery-versus payment (DVP) basis. A third-party custodian designated by the General Manager and evidenced by safekeeping receipt will hold securities.

8. REPORTING GUIDELINES

In accordance with Government Code 53646, the General Manager shall submit to the Board of Directors a monthly investment report. The report shall include a complete description of the portfolio including: the type of investments, the issuers, maturity dates, par values and the current market values of each component of the portfolio. The report will also include the source of the portfolio valuation (with the exception of LAIF). As specified in Government Code 53646(e), if all funds are placed in the State LAIF or FDIC-insured accounts, copies of the latest statements from such institutions may be provided in lieu of the foregoing report

	POLICY NUMBER 2017-XX
Agency Policy	Title: Investment Policy for Public Funds
Revised: December 7, 2017	

elements. The report must also include a certification that (1) all investment actions executed since the last report have been made in full compliance with this Policy, and (2) SOCWA will meet its expenditure obligations for the next six months, or provide an explanation as to why money monies shall or may not be available. The General Manager shall maintain a complete and timely record of all investment transactions.

9. POLICY REVISIONS

This Policy will be reviewed annually by the General Manager and the Finance Controller in consultation with the Agency’s legal counsel and the Finance Committee. Updates to the Attachments, A-1 and A-2 will occur whenever applicable federal, state or local regulations change or otherwise as the need arises. This Policy may only be revised by the Board of Directors.

10. POLICY APPROVAL AND ADOPTION

This Policy has been reviewed by the SOCWA Board of Director’s and adopted by Resolution 2017-08 on December 7, 2017.

EXHIBIT A-1

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
INVESTMENT POLICY – November 2, 2017**

Type of Investment	Major Provisions	Additional Restrictions imposed by SOCWA
Local Agency investment Fund (LAIF)	Permits a local agency to deposit funds with the State Treasurer for the purpose of investment in securities prescribed in Government Code Section 16430. (Government code Section 16429.1 et seq.)	None. Note: Current maximum deposit set by LAIF is \$40 million dollars.
Passbook Savings Account Demand Deposits	Savings in federally insured Banks and Thrifts insured by the FDIC. All funds exceeding \$250,000.00 at any time must be collateralized according to state statutes.	None.

Exhibit A-2
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
INVESTMENT POLICY – November 2, 2017

Type of Investment	Major Provisions	Additional Restrictions imposed by SOCWA
Negotiable Certificate of Deposits	Permits a local agency to deposit funds in certificates of deposit in accordance with the requirements of Government Code 53601(i)	In compliance with Statute.
U.S. Treasury Notes	Permits a local agency to deposit funds in U.S. Treasury Notes in accordance with Government Code Section 53601(b)	In compliance with Statute.
Other Joint Powers Agency Investments	Permits a local agency to deposit funds with Other California Joint Powers Agency Investment programs in accordance with Government Code Section 53601(p)	In compliance with Statute.

Agenda Item

8f

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Fiscal Year 2020-2021 Proposed Budget: O&M \$21,721,077 and Capital \$30,498,034

Background

The Board of Directors Budget Workshop was held on May 21, 2020, where the Board received an update on the Budget preparation work completed by the Finance Committee. Staff also presented an overview of the proposed FY 2020-2021 O&M Budget totaling \$21,721,077 including Key Assumptions, and:

- Operations, Maintenance, including Environmental and Safety
- Capital Programs (Small Internal and Large Capital), and Engineering
- Administration
- General Fund, and
- UAL and OPEB

A hard copy of the proposed budget was delivered to the Finance Committee and Board Members with the agenda for the May 21, 2020 Workshop, and a draft is available for review at SOCWA.com posted with the materials for this meeting. Please contact Danita Hirsh at 949-234-5452 if you would like to request an additional hard copy.

History

This year the Budget preparation work included:

- On March 24, 2020 Finance Committee received a staff presentation on the Preliminary Total Budget for FY 2020-21 in the amount of \$22,771,581. The Budget was up \$1,456,735 or 6.8% over the prior year budget of \$21,314,846. Director Cafferty requested information on what was driving the change. The budget change details were provided at the April 21, 2020 Finance Committee Meeting.
- On April 21, 2020, the Finance Committee responded to a staff proposed reduction in the proposed budget based on identifying \$1.6 million or 6.8% in economic hardship deferrals, which brought the proposed FY 2020-21 budget down to \$21,217,268. These recommended costs would be deferred until the following budget year as presented at the April 21st meeting.
- Staff recommended reduced and deferred costs including:
 - Use PARS Savings to pay FY 20-21 Retiree Health Pay-Go costs, \$504 thousand
 - Plume Tracking Analysis for Outfalls movement into next fiscal year, \$450 thousand
 - IT projects moved out, \$135 thousand
 - COLA at MOU minimum of 2%, \$102 thousand

- New Hire, Lab Tech, to meet State Regulatory Requirements, \$99 thousand
- Admin Assistant, Part-Time, Contract Employee, \$86 thousand
- Training reduced by 50%, \$90 thousand
- Legal, recurring tasks, moved internally, \$50 thousand

The Finance Committee accepted all recommendations except the usage of the PARS savings account because it would lock in the recent financial markets' downturn.

Therefore, the Preliminary FY 2020-21 Budget was reduced by \$1.1 million, excluding PARS Savings usage, and is currently \$21,721,077 an increase of \$406 thousand or 1.9% over FY 2019-20 Budget of \$21,314,846.

Summary: The Staff recommended O&M Budget for FY 2020-2021 totals \$21,721,077, a 1.9% increase over FY 2019-2020. The increase is due to:

- O&M operating costs, i.e., utilities, biosolids hauling and disposal, maintenance, property and liability insurance and chemicals, \$318 thousand.
- Unfunded Pension Liability (UAL) and OPEB (Retiree Health Pay-Go) annual payments, \$194 thousand.
- Payroll costs, not including UAL and OPEB, was relatively flat due to headcount reductions of three full-time employees (FTE's) two in O&M and 1 in Administration which offset the 3% average merit and 2% COLA (cost of living adjustment).

The Staff recommended Capital Budget for FY 2020-2021 totals \$30,498,034 and continues funding for:

- Current construction at JBL, RTP and CTP in the amount of \$16,198,322 (58%).
- New Construction for PC 5, 15, 17 and 21 in the amount of \$6,721,059 (24%)
- Small Capital and Design and Capital related studies (18%)

Recommended Actions: The Finance Committee recommends that the Board of Directors consider the Budget as proposed.

The FY 2020/21 Budget includes, General Fund Expenses, Operating Expenses and Capital Expenditures as proposed.

1. General Fund Budget

Approval of the FY 2020/21 General Fund Budget. Approval of the General Fund Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

2. Project Committee Operating Budgets

- a. Approval of the FY 2020/21 Administration Budget (inclusive of project committee administration expenses, residual engineering, and IT). Approval of the FY 2020/21 Administration Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the

authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

- b. Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget and PC 2 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- c. Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget and PC 17 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- d. Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital). Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget and PC 15 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- e. Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget and PC 5 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- f. Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 24 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget and PC 24 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than

the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

- g. Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget, UAL and OPEB and PC 21 Capital Expenditures Budget (inclusive of large capital and non-capital engineering). Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget and PC 21 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- h. Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, UAL and OPEB). Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- i. Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB). Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action. Authorization includes the redistribution of the costs of PC 2SO (PC 12) among the member agencies to exclude El Toro Water District and Irvine Ranch Water District); the Board approves the allocation of expenses with approval of the Budget.
- j. The Board directs staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the June 4, 2020 meeting.

RESOLUTION NO. 2020-07

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
APPROVING NEW EMPLOYEE SALARY RANGE SUMMARY AND EMPLOYEE JOB
CLASSIFICATION SALARY SCHEDULE TO THE MEMORANDUM OF UNDERSTANDING
BETWEEN THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY AND THE
SOCWA EMPLOYEE ASSOCIATION**

WHEREAS, the employees represented by the South Orange County Wastewater Authority Employee Association (SEA) are a viable and important part of the SOCWA organization; and

WHEREAS, the SEA has met and conferred in good faith with the designated Authority representatives for (i) the adoption of the Memorandum of Understanding applicable to the period July 1, 2017 to June 30, 2020 (“MOU”), and (ii) the adoption of the Memorandum of Understanding applicable to the period July 1, 2020 to June 30, 2023; and

WHEREAS, each MOU establishes Salary Adjustments on an annual basis, and thereby requires the adjustment of attachment Exhibit “A” Salary Range Summary and Exhibit “B” Job Classification Salary Schedule to the MOU in each annual period for the purposes of maintaining a current Salary Range Summary and Job Classification Salary Schedule; and

WHEREAS, the SOCWA now desires to approve a revised Exhibit “A” Salary Range Summary and Exhibit “B” Job Classification Salary Schedule to the MOU to memorialize the CPI-U percentage change of 2.7%, the same being consistent with the terms of the MOU for the period July 1, 2019 to June 30, 2020;

WHEREAS, the SOCWA now desires to approve a revised Exhibit “A” Salary Range Summary and Exhibit “B” Job Classification Salary Schedule to the MOU to memorialize the CPI-U percentage change of 2%, the same being consistent with the terms of the MOU for the period July 1, 2020 to June 30, 2021;

NOW, THEREFORE, the Board of Directors of the South Orange County Wastewater Authority does hereby **RESOLVE, DETERMINE AND ORDER** as follows:

Section 1. The MOU provides that salary adjustments will be made according to MOU Section IV Compensation (C). Pursuant to Side Letter of Agreement No. 4 to the MOU the salary adjustment will be equal to the Los Angeles-Long Beach-Anaheim CPI-U percentage change for the preceding 12 months ended in March, subject to a 2% minimum and 4% maximum. Therefore, beginning July 1, 2019 for the period July 1, 2019 to June 30, 2020, the salary ranges in Exhibit “A” and salary schedules in Exhibit “B” have been increased 2.7%. Further, beginning July 1, 2020 for the period July 1, 2020 to June 30, 2021, the salary ranges in Exhibit “A” (herein attached as A-2) and salary schedules in Exhibit “B” (herein attached as B-2) have been increased 2%.

Section 2. The General Manager or the Chairperson of the Board of Directors are authorized to attach to the MOU for the period July 1, 2019 to June 30, 2020, the revised Exhibit “A” and “B” attached hereto, and for the period July 1, 2020 to June 30, 2021, the revised Exhibit A (herein attached as A-2) and B (herein attached as B-2).

Section 3. The Secretary of SOCWA shall certify the adoption of Resolution No. 2020-07 and shall maintain a certified copy thereof at the principal office of SOCWA.

PASSED and **ADOPTED** by the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY, County of Orange, State of California on the 4th day of June 2020.

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Daniel R. Feron, Chairman

Betty Burnett, General Manager and Board Secretary

(Seal)

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, BETTY BURNETT, Secretary of the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (“SOCWA”), do hereby certify that the foregoing is a full, true and correct copy of **Resolution No. 2020-07** of said Board and that the same has not been amended or repealed.

Dated this **4th** day of **June 2020**.

Betty Burnett, Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

EXHIBITS

A & B

EXHIBIT "A"

SOCWA
EMPLOYEE HANDBOOK SALARY RANGE SUMMARY
07/01/2019 - 06/30/2020

July 1, 2019	COLA @ 2.7%		1.027	
Ranges	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
33.0	25.70	32.79	\$4,454.67	\$5,683.60
33.5	26.34	33.60	\$4,565.60	\$5,824.00
34.0	26.97	34.46	\$4,674.80	\$5,973.07
34.5	27.65	35.32	\$4,792.67	\$6,122.13
35.0	28.33	36.16	\$4,910.53	\$6,267.73
35.5	29.04	37.06	\$5,033.60	\$6,423.73
36.0	29.74	37.97	\$5,154.93	\$6,581.47
36.5	30.49	38.90	\$5,284.93	\$6,742.67
37.0	31.22	39.86	\$5,411.47	\$6,909.07
37.5	32.01	40.63	\$5,548.40	\$7,042.53
38.0	32.79	41.86	\$5,683.60	\$7,255.73
38.5	33.60	42.91	\$5,824.00	\$7,437.73
39.0	34.46	43.96	\$5,973.07	\$7,619.73
39.5	35.32	45.08	\$6,122.13	\$7,813.87
40.0	36.16	46.12	\$6,267.73	\$7,994.13
40.5	37.06	47.30	\$6,423.73	\$8,198.67
41.0	37.97	48.45	\$6,581.47	\$8,398.00
41.5	38.90	49.67	\$6,742.67	\$8,609.47
42.0	39.86	50.89	\$6,909.07	\$8,820.93
42.5	40.86	52.15	\$7,082.40	\$9,039.33
43.0	41.86	53.42	\$7,255.73	\$9,259.47
43.5	42.91	54.75	\$7,437.73	\$9,490.00
44.0	43.96	56.09	\$7,619.73	\$9,722.27
44.5	45.09	57.50	\$7,815.60	\$9,966.67
45.0	46.12	58.90	\$7,994.13	\$10,209.33
45.5	47.30	60.36	\$8,198.67	\$10,462.40
46.0	48.45	61.84	\$8,398.00	\$10,718.93
46.5	49.67	63.40	\$8,609.47	\$10,989.33
47.0	50.89	64.96	\$8,820.93	\$11,259.73
47.5	52.15	66.55	\$9,039.33	\$11,535.33
48.0	53.42	68.20	\$9,259.47	\$11,821.33
48.5	54.75	69.88	\$9,490.00	\$12,112.53
49.0	56.09	71.60	\$9,722.27	\$12,410.67
49.5	57.50	73.39	\$9,966.67	\$12,720.93
50.0	58.90	75.18	\$10,209.33	\$13,031.20
50.5	60.36	77.07	\$10,462.40	\$13,358.80
51.0	61.84	78.92	\$10,718.93	\$13,679.47
51.5	63.39	80.89	\$10,987.60	\$14,020.93
52.0	64.96	82.88	\$11,259.73	\$14,365.87
52.5	66.55	84.94	\$11,535.33	\$14,722.93
53.0	68.18	87.02	\$11,817.87	\$15,083.47
53.5	69.91	89.21	\$12,117.73	\$15,463.07
54.0	71.59	91.38	\$12,408.93	\$15,839.20
54.5	73.38	93.64	\$12,719.20	\$16,230.93
55.0	75.18	95.94	\$13,031.20	\$16,629.60

EXHIBIT "B"

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
EMPLOYEE HANDBOOK - JOB CLASSIFICATION SALARY SCHEDULE
7/1/2019 w/COLA of 2.7%**

Classification	SEA Represented Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Operator Grade III	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Operator Grade II	41	\$ 37.97	\$ 48.45	\$ 6,581.47	\$ 8,398.00
Operator Grade I	37	\$ 31.22	\$ 39.86	\$ 5,411.47	\$ 6,909.07
Operator in Training	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73
<i>Maintenance Division</i>					
Mechanic Supervisor	44	\$ 43.96	\$ 56.09	\$ 7,619.73	\$ 9,722.27
Maintenance Mechanic III	42.5	\$ 40.86	\$ 52.15	\$ 7,082.40	\$ 9,039.33
Truck Driver/Maintenance Mechanic II	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
Maintenance Mechanic II	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
Maintenance Mechanic I	36	\$ 29.74	\$ 37.97	\$ 5,154.93	\$ 6,581.47
O&M Inventory/Purchasing Specialist	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
<i>Support Services Division</i>					
Sr. Electrician/SCADA Technician	45	\$ 46.12	\$ 58.90	\$ 7,994.13	\$ 10,209.33
Maintenance Mechanic III /w/Co-Gen	42.5	\$ 40.86	\$ 52.15	\$ 7,082.40	\$ 9,039.33
Electrical/Instrumentation Technician	42	\$ 39.86	\$ 50.89	\$ 6,909.07	\$ 8,820.93
<i>Laboratory Services</i>					
Laboratory Technician III / Q&A Specialist	44.5	\$ 45.09	\$ 57.50	\$ 7,815.60	\$ 9,966.67
Laboratory Technician III	43.5	\$ 42.91	\$ 54.75	\$ 7,437.73	\$ 9,490.00
Laboratory Technician II	41	\$ 37.97	\$ 48.45	\$ 6,581.47	\$ 8,398.00
Laboratory Technician I	39	\$ 34.46	\$ 43.96	\$ 5,973.07	\$ 7,619.73
Laboratory Aide/Sampler	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73

Classification	Unrepresented Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Assistant Chief Operator	44	\$ 43.96	\$ 56.09	\$ 7,619.73	\$ 9,722.27
Operations Engineering Associate	37	\$ 31.22	\$ 39.86	\$ 5,411.47	\$ 6,909.07
<i>Maintenance Division</i>					
<i>Support Services Division</i>					
Information Technology Systems Administrator	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
<i>Environmental Compliance / Laboratory Services</i>					
Laboratory Manager	48	\$ 53.42	\$ 68.20	\$ 9,259.47	\$ 11,821.33
Source Control Manager	46	\$ 48.45	\$ 61.84	\$ 8,398.00	\$ 10,718.93
Environmental Compliance Safety Risk Manager	43.5	\$ 42.91	\$ 54.75	\$ 7,437.73	\$ 9,490.00
<i>Administration Division</i>					
Procurement/Contracts Administrator	46	\$ 48.45	\$ 61.84	\$ 8,398.00	\$ 10,718.93
Human Resource Administrator	45.5	\$ 47.30	\$ 60.36	\$ 8,198.67	\$ 10,462.40
Clerk of the Board	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Administrative Assistant II / III	42	\$ 39.86	\$ 50.89	\$ 6,909.07	\$ 8,820.93
Sr. Accountant	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Staff Accountant	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73
Accounts Payable/Payroll Accountant	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73

Classification	Professional Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Superintendent of O & M	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
Chief Operator	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Maintenance Division</i>					
Chief Maintenance Mechanic	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Support Services Division</i>					
Support Services Manager	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Environmental Compliance / Laboratory Services</i>					
<i>Engineering Division</i>					
Sr. Engineer	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
Associate Engineer	47.5	\$ 52.15	\$ 66.55	\$ 9,039.33	\$ 11,535.33
<i>Administration Division</i>					

Classification	Executive Management Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Executive Management Division</i>					
General Manager		Set by the Board by Contract			\$ 19,168.93
Director of Operations	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Director of Engineering	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Director of Environmental Compliance	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Finance Controller	52	\$ 64.96	\$ 82.88	\$ 11,259.73	\$ 14,365.87

EXHIBITS

A2 & B2

EXHIBIT "A"

SOCWA
EMPLOYEE HANDBOOK SALARY RANGE SUMMARY
07/01/2020 - 06/30/2021

July 1, 2020	COLA @ 2%		1.020	
Ranges	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
33.0	26.21	33.45	\$4,543.07	\$5,798.00
33.5	26.87	34.27	\$4,657.47	\$5,940.13
34.0	27.51	35.15	\$4,768.40	\$6,092.67
34.5	28.20	36.03	\$4,888.00	\$6,245.20
35.0	28.90	36.88	\$5,009.33	\$6,392.53
35.5	29.62	37.80	\$5,134.13	\$6,552.00
36.0	30.33	38.73	\$5,257.20	\$6,713.20
36.5	31.10	39.68	\$5,390.67	\$6,877.87
37.0	31.84	40.66	\$5,518.93	\$7,047.73
37.5	32.65	41.44	\$5,659.33	\$7,182.93
38.0	33.45	42.70	\$5,798.00	\$7,401.33
38.5	34.27	43.77	\$5,940.13	\$7,586.80
39.0	35.15	44.84	\$6,092.67	\$7,772.27
39.5	36.03	45.98	\$6,245.20	\$7,969.87
40.0	36.88	47.04	\$6,392.53	\$8,153.60
40.5	37.80	48.25	\$6,552.00	\$8,363.33
41.0	38.73	49.42	\$6,713.20	\$8,566.13
41.5	39.68	50.66	\$6,877.87	\$8,781.07
42.0	40.66	51.91	\$7,047.73	\$8,997.73
42.5	41.68	53.19	\$7,224.53	\$9,219.60
43.0	42.70	54.49	\$7,401.33	\$9,444.93
43.5	43.77	55.85	\$7,586.80	\$9,680.67
44.0	44.84	57.21	\$7,772.27	\$9,916.40
44.5	45.99	58.65	\$7,971.60	\$10,166.00
45.0	47.04	60.08	\$8,153.60	\$10,413.87
45.5	48.25	61.57	\$8,363.33	\$10,672.13
46.0	49.42	63.08	\$8,566.13	\$10,933.87
46.5	50.66	64.67	\$8,781.07	\$11,209.47
47.0	51.91	66.26	\$8,997.73	\$11,485.07
47.5	53.19	67.88	\$9,219.60	\$11,765.87
48.0	54.49	69.56	\$9,444.93	\$12,057.07
48.5	55.85	71.28	\$9,680.67	\$12,355.20
49.0	57.21	73.03	\$9,916.40	\$12,658.53
49.5	58.65	74.86	\$10,166.00	\$12,975.73
50.0	60.08	76.68	\$10,413.87	\$13,291.20
50.5	61.57	78.61	\$10,672.13	\$13,625.73
51.0	63.08	80.50	\$10,933.87	\$13,953.33
51.5	64.66	82.51	\$11,207.73	\$14,301.73
52.0	66.26	84.54	\$11,485.07	\$14,653.60
52.5	67.88	86.64	\$11,765.87	\$15,017.60
53.0	69.54	88.76	\$12,053.60	\$15,385.07
53.5	71.31	90.99	\$12,360.40	\$15,771.60
54.0	73.02	93.21	\$12,656.80	\$16,156.40
54.5	74.85	95.51	\$12,974.00	\$16,555.07
55.0	76.68	97.86	\$13,291.20	\$16,962.40

EXHIBIT "B"

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
EMPLOYEE HANDBOOK - JOB CLASSIFICATION SALARY SCHEDULE
7/1/2020 w/COLA of 2%**

SEA Represented Classifications / Non-Exempt						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Operator Grade III	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Operator Grade II	41	\$ 38.73	\$ 49.42	\$ 6,713.20	\$ 8,566.13	
Operator Grade I	37	\$ 31.84	\$ 40.66	\$ 5,518.93	\$ 7,047.73	
Operator in Training	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	
<i>Maintenance Division</i>						
Maintenance Mechanic III	42.5	\$ 41.68	\$ 53.19	\$ 7,224.53	\$ 9,219.60	
Truck Driver/Maintenance Mechanic II	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Maintenance Mechanic II	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Maintenance Mechanic I	36	\$ 30.33	\$ 38.73	\$ 5,257.20	\$ 6,713.20	
O&M Inventory/Purchasing Specialist	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
<i>Support Services Division</i>						
Sr. Electrician/SCADA Technician	45	\$ 47.04	\$ 60.08	\$ 8,153.60	\$ 10,413.87	
Maintenance Mechanic III /w/Co-Gen	42.5	\$ 41.68	\$ 53.19	\$ 7,224.53	\$ 9,219.60	
Electrical/Instrumentation Technician	42	\$ 40.66	\$ 51.91	\$ 7,047.73	\$ 8,997.73	
<i>Laboratory Services</i>						
Laboratory Technician III / Q&A Specialist	44.5	\$ 45.99	\$ 58.65	\$ 7,971.60	\$ 10,166.00	
Laboratory Technician III	43.5	\$ 43.77	\$ 55.85	\$ 7,586.80	\$ 9,680.67	
Laboratory Technician II	41	\$ 38.73	\$ 49.42	\$ 6,713.20	\$ 8,566.13	
Laboratory Technician I	39	\$ 35.15	\$ 44.84	\$ 6,092.67	\$ 7,772.27	
Laboratory Aide/Sampler	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	

Unrepresented Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Operations Engineering Associate	37	\$ 31.84	\$ 40.66	\$ 5,518.93	\$ 7,047.73	
Assistant Chief Operator	44	\$ 44.84	\$ 57.21	\$ 7,772.27	\$ 9,916.40	
<i>Maintenance Division</i>						
Maintenance Mechanic Supervisor	44	\$ 44.84	\$ 57.21	\$ 7,772.27	\$ 9,916.40	
<i>Environmental Compliance / Laboratory Services</i>						
Source Control Manager	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
<i>Administration Division</i>						
Human Resource Administrator	45.5	\$ 48.25	\$ 61.57	\$ 8,363.33	\$ 10,672.13	
Procurement/Contracts Administrator	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
Executive Assistant	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Clerk of the Board						
Sr. Accountant	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Staff Accountant w/Payroll	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Accounts Payable Accountant w/PR Assistance	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	

Professional Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Chief Operator	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
<i>Maintenance Division</i>						
Chief Maintenance Mechanic	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
<i>Support Services Division</i>						
Support Services Manager	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
Information Technology Systems Administrator	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
<i>Environmental Compliance / Laboratory Services</i>						
Laboratory Manager	48	\$ 54.49	\$ 69.56	\$ 9,444.93	\$ 12,057.07	
Environmental Compliance Safety Risk Manager	45.5	\$ 48.25	\$ 61.57	\$ 8,363.33	\$ 10,672.13	
<i>Engineering Division</i>						
Sr. Engineer	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
Associate Engineer	47.5	\$ 53.19	\$ 67.88	\$ 9,219.60	\$ 11,765.87	
<i>Administration Division</i>						

Management Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Executive Management Division</i>						
General Manager		Set by the Board by Contract			\$ 19,552.00	
Director of Operations	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Director of Engineering	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Director of Environmental Compliance	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Finance Controller	52	\$ 66.26	\$ 84.54	\$ 11,485.07	\$ 14,653.60	

RESOLUTION NO. 2020-08

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
APPROVING NEW EMPLOYEE SALARY RANGE SUMMARY AND EMPLOYEE JOB
CLASSIFICATION SALARY SCHEDULE TO THE SOCWA EMPLOYEE MANUAL**

WHEREAS, the employees of the South Orange County Wastewater Authority are a viable and important part of the SOCWA organization; and

WHEREAS, the SOCWA Board approved the South Orange County Wastewater Authority Employee Manual ("Manual") on November 7, 2019. The Manual establishes salary adjustments on an annual basis and, thereby requires the adjustment of Exhibit "A" Salary Schedule, Exhibit "B" Job Classification Salary Schedule and Exhibit "C" Organization Chart to the Manual for the purposes of maintaining a current salary schedule and job classification salary schedule; and

WHEREAS, the SOCWA Board approved a /resolution adopting the South Orange County Wastewater Authority Employee Manual ("Manual") on January 9, 2020. The Manual establishes salary adjustments on an annual basis and, thereby requires the adjustment of Exhibit "A" Salary Schedule, Exhibit "B" Job Classification Salary Schedule and Exhibit "C" Organization Chart to the Manual for the purposes of maintaining a current salary schedule and job classification salary schedule; and

WHEREAS, the SOCWA now desires to approve a revised Exhibit "A", Exhibit "B" and Exhibit "C" to the Manual to memorialize the CPI-U percentage change for the period July 1, 2019 to June 30, 2020 of 2.7%, and for the period July 1, 2020 to June 30, 2021 of 2%, the same being consistent with the terms of the Manual;

NOW, THEREFORE, the Board of Directors of the South Orange County Wastewater Authority does hereby **RESOLVE, DETERMINE AND ORDER** as follows:

Section 1.

The Manual provides that salary adjustments will be made according to Manual Section IV Compensation (C). Therefore, beginning July 1, 2019 for the period July 1, 2019 to June 30, 2020, the salary ranges in Exhibit "A" and salary schedules in Exhibit "B" have been increased 2.7% and Exhibit "C" Organization Chart has been updated. Further, beginning July 1, 2020 for the period July 1, 2020 to June 30, 2021, the salary ranges in Exhibit "A" (herein attached as A-2) and salary schedules in Exhibit "B" (herein attached as B-2) have been increased 2% and Exhibit "C" Organization Chart has been updated (herein attached as C-2).

Section 2.

The General Manager or the Chairperson of the Board of Directors are authorized to attach to the Manual for the period July 1, 2019 to June 30, 2020, the revised Exhibit "A", "B" and "C" attached hereto, and for the period July 1, 2020 to June 30, 2021, the revised Exhibit A (herein attached as A-2), B (herein attached as B-2) and C (herein attached as C-2).

Section 3. The Secretary of SOCWA shall certify the adoption of Resolution No. 2020-08 and shall maintain a certified copy thereof at the principal office of SOCWA.

PASSED and **ADOPTED** by the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY, County of Orange, State of California on the 4th day of June 2020.

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Daniel R. Feron, Chairman

Betty Burnett, General Manager and Board Secretary

(Seal)

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, BETTY BURNETT, Secretary of the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (“SOCWA”), do hereby certify that the foregoing is a full, true and correct copy of **Resolution No. 2020-08** of said Board and that the same has not been amended or repealed.

Dated this **4th** day of **June 2020**.

Betty Burnett, Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

EXHIBITS

A, B, & C

EXHIBIT "A"

SOCWA
EMPLOYEE HANDBOOK SALARY RANGE SUMMARY
07/01/2019 - 06/30/2020

July 1, 2019	COLA @ 2.7%		1.027	
Ranges	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
33.0	25.70	32.79	\$4,454.67	\$5,683.60
33.5	26.34	33.60	\$4,565.60	\$5,824.00
34.0	26.97	34.46	\$4,674.80	\$5,973.07
34.5	27.65	35.32	\$4,792.67	\$6,122.13
35.0	28.33	36.16	\$4,910.53	\$6,267.73
35.5	29.04	37.06	\$5,033.60	\$6,423.73
36.0	29.74	37.97	\$5,154.93	\$6,581.47
36.5	30.49	38.90	\$5,284.93	\$6,742.67
37.0	31.22	39.86	\$5,411.47	\$6,909.07
37.5	32.01	40.63	\$5,548.40	\$7,042.53
38.0	32.79	41.86	\$5,683.60	\$7,255.73
38.5	33.60	42.91	\$5,824.00	\$7,437.73
39.0	34.46	43.96	\$5,973.07	\$7,619.73
39.5	35.32	45.08	\$6,122.13	\$7,813.87
40.0	36.16	46.12	\$6,267.73	\$7,994.13
40.5	37.06	47.30	\$6,423.73	\$8,198.67
41.0	37.97	48.45	\$6,581.47	\$8,398.00
41.5	38.90	49.67	\$6,742.67	\$8,609.47
42.0	39.86	50.89	\$6,909.07	\$8,820.93
42.5	40.86	52.15	\$7,082.40	\$9,039.33
43.0	41.86	53.42	\$7,255.73	\$9,259.47
43.5	42.91	54.75	\$7,437.73	\$9,490.00
44.0	43.96	56.09	\$7,619.73	\$9,722.27
44.5	45.09	57.50	\$7,815.60	\$9,966.67
45.0	46.12	58.90	\$7,994.13	\$10,209.33
45.5	47.30	60.36	\$8,198.67	\$10,462.40
46.0	48.45	61.84	\$8,398.00	\$10,718.93
46.5	49.67	63.40	\$8,609.47	\$10,989.33
47.0	50.89	64.96	\$8,820.93	\$11,259.73
47.5	52.15	66.55	\$9,039.33	\$11,535.33
48.0	53.42	68.20	\$9,259.47	\$11,821.33
48.5	54.75	69.88	\$9,490.00	\$12,112.53
49.0	56.09	71.60	\$9,722.27	\$12,410.67
49.5	57.50	73.39	\$9,966.67	\$12,720.93
50.0	58.90	75.18	\$10,209.33	\$13,031.20
50.5	60.36	77.07	\$10,462.40	\$13,358.80
51.0	61.84	78.92	\$10,718.93	\$13,679.47
51.5	63.39	80.89	\$10,987.60	\$14,020.93
52.0	64.96	82.88	\$11,259.73	\$14,365.87
52.5	66.55	84.94	\$11,535.33	\$14,722.93
53.0	68.18	87.02	\$11,817.87	\$15,083.47
53.5	69.91	89.21	\$12,117.73	\$15,463.07
54.0	71.59	91.38	\$12,408.93	\$15,839.20
54.5	73.38	93.64	\$12,719.20	\$16,230.93
55.0	75.18	95.94	\$13,031.20	\$16,629.60

EXHIBIT "B"

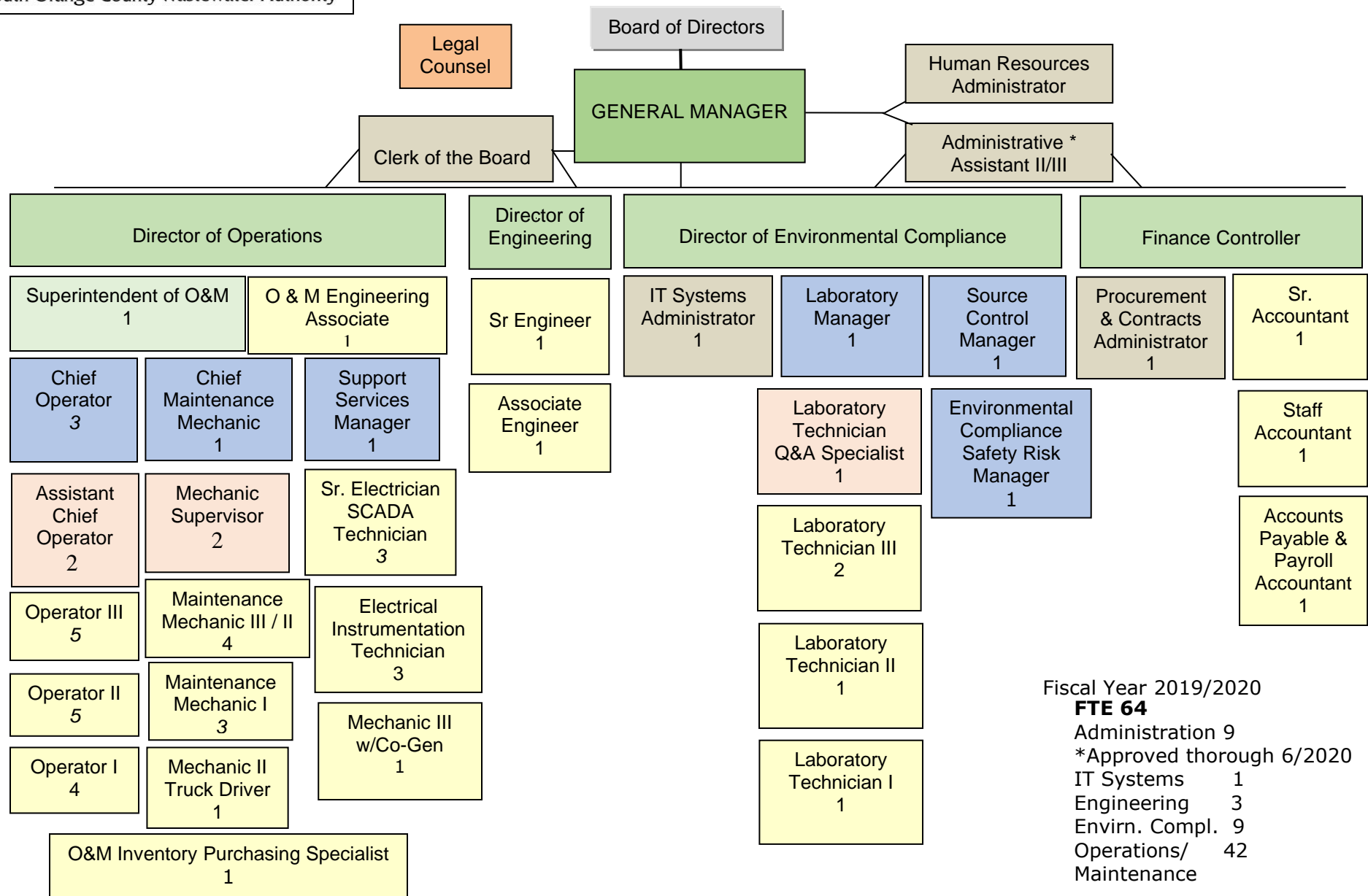
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
EMPLOYEE HANDBOOK - JOB CLASSIFICATION SALARY SCHEDULE
7/1/2019 w/COLA of 2.7%**

Classification	SEA Represented Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Operator Grade III	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Operator Grade II	41	\$ 37.97	\$ 48.45	\$ 6,581.47	\$ 8,398.00
Operator Grade I	37	\$ 31.22	\$ 39.86	\$ 5,411.47	\$ 6,909.07
Operator in Training	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73
<i>Maintenance Division</i>					
Mechanic Supervisor	44	\$ 43.96	\$ 56.09	\$ 7,619.73	\$ 9,722.27
Maintenance Mechanic III	42.5	\$ 40.86	\$ 52.15	\$ 7,082.40	\$ 9,039.33
Truck Driver/Maintenance Mechanic II	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
Maintenance Mechanic II	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
Maintenance Mechanic I	36	\$ 29.74	\$ 37.97	\$ 5,154.93	\$ 6,581.47
O&M Inventory/Purchasing Specialist	38	\$ 32.79	\$ 41.86	\$ 5,683.60	\$ 7,255.73
<i>Support Services Division</i>					
Sr. Electrician/SCADA Technician	45	\$ 46.12	\$ 58.90	\$ 7,994.13	\$ 10,209.33
Maintenance Mechanic III /w/Co-Gen	42.5	\$ 40.86	\$ 52.15	\$ 7,082.40	\$ 9,039.33
Electrical/Instrumentation Technician	42	\$ 39.86	\$ 50.89	\$ 6,909.07	\$ 8,820.93
<i>Laboratory Services</i>					
Laboratory Technician III / Q&A Specialist	44.5	\$ 45.09	\$ 57.50	\$ 7,815.60	\$ 9,966.67
Laboratory Technician III	43.5	\$ 42.91	\$ 54.75	\$ 7,437.73	\$ 9,490.00
Laboratory Technician II	41	\$ 37.97	\$ 48.45	\$ 6,581.47	\$ 8,398.00
Laboratory Technician I	39	\$ 34.46	\$ 43.96	\$ 5,973.07	\$ 7,619.73
Laboratory Aide/Sampler	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73

Classification	Unrepresented Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Assistant Chief Operator	44	\$ 43.96	\$ 56.09	\$ 7,619.73	\$ 9,722.27
Operations Engineering Associate	37	\$ 31.22	\$ 39.86	\$ 5,411.47	\$ 6,909.07
<i>Maintenance Division</i>					
<i>Support Services Division</i>					
Information Technology Systems Administrator	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
<i>Environmental Compliance / Laboratory Services</i>					
Laboratory Manager	48	\$ 53.42	\$ 68.20	\$ 9,259.47	\$ 11,821.33
Source Control Manager	46	\$ 48.45	\$ 61.84	\$ 8,398.00	\$ 10,718.93
Environmental Compliance Safety Risk Manager	43.5	\$ 42.91	\$ 54.75	\$ 7,437.73	\$ 9,490.00
<i>Administration Division</i>					
Procurement/Contracts Administrator	46	\$ 48.45	\$ 61.84	\$ 8,398.00	\$ 10,718.93
Human Resource Administrator	45.5	\$ 47.30	\$ 60.36	\$ 8,198.67	\$ 10,462.40
Clerk of the Board	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Administrative Assistant II / III	42	\$ 39.86	\$ 50.89	\$ 6,909.07	\$ 8,820.93
Sr. Accountant	43	\$ 41.86	\$ 53.42	\$ 7,255.73	\$ 9,259.47
Staff Accountant	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73
Accounts Payable/Payroll Accountant	35	\$ 28.33	\$ 36.16	\$ 4,910.53	\$ 6,267.73

Classification	Professional Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Operations Division</i>					
Superintendent of O & M	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
Chief Operator	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Maintenance Division</i>					
Chief Maintenance Mechanic	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Support Services Division</i>					
Support Services Manager	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
<i>Environmental Compliance / Laboratory Services</i>					
<i>Engineering Division</i>					
Sr. Engineer	50	\$ 58.90	\$ 75.18	\$ 10,209.33	\$ 13,031.20
Associate Engineer	47.5	\$ 52.15	\$ 66.55	\$ 9,039.33	\$ 11,535.33
<i>Administration Division</i>					

Classification	Executive Management Classifications				
	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
<i>Executive Management Division</i>					
General Manager		Set by the Board by Contract			\$ 19,168.93
Director of Operations	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Director of Engineering	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Director of Environmental Compliance	54	\$ 71.59	\$ 91.38	\$ 12,408.93	\$ 15,839.20
Finance Controller	52	\$ 64.96	\$ 82.88	\$ 11,259.73	\$ 14,365.87



Fiscal Year 2019/2020
FTE 64
 Administration 9
 *Approved through 6/2020
 IT Systems 1
 Engineering 3
 Envirn. Compl. 9
 Operations/ 42
 Maintenance

EXHIBITS

A2, B2, & C2

EXHIBIT "A"

SOCWA
EMPLOYEE HANDBOOK SALARY RANGE SUMMARY
07/01/2020 - 06/30/2021

July 1, 2020	COLA @ 2%		1.020	
Ranges	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary
33.0	26.21	33.45	\$4,543.07	\$5,798.00
33.5	26.87	34.27	\$4,657.47	\$5,940.13
34.0	27.51	35.15	\$4,768.40	\$6,092.67
34.5	28.20	36.03	\$4,888.00	\$6,245.20
35.0	28.90	36.88	\$5,009.33	\$6,392.53
35.5	29.62	37.80	\$5,134.13	\$6,552.00
36.0	30.33	38.73	\$5,257.20	\$6,713.20
36.5	31.10	39.68	\$5,390.67	\$6,877.87
37.0	31.84	40.66	\$5,518.93	\$7,047.73
37.5	32.65	41.44	\$5,659.33	\$7,182.93
38.0	33.45	42.70	\$5,798.00	\$7,401.33
38.5	34.27	43.77	\$5,940.13	\$7,586.80
39.0	35.15	44.84	\$6,092.67	\$7,772.27
39.5	36.03	45.98	\$6,245.20	\$7,969.87
40.0	36.88	47.04	\$6,392.53	\$8,153.60
40.5	37.80	48.25	\$6,552.00	\$8,363.33
41.0	38.73	49.42	\$6,713.20	\$8,566.13
41.5	39.68	50.66	\$6,877.87	\$8,781.07
42.0	40.66	51.91	\$7,047.73	\$8,997.73
42.5	41.68	53.19	\$7,224.53	\$9,219.60
43.0	42.70	54.49	\$7,401.33	\$9,444.93
43.5	43.77	55.85	\$7,586.80	\$9,680.67
44.0	44.84	57.21	\$7,772.27	\$9,916.40
44.5	45.99	58.65	\$7,971.60	\$10,166.00
45.0	47.04	60.08	\$8,153.60	\$10,413.87
45.5	48.25	61.57	\$8,363.33	\$10,672.13
46.0	49.42	63.08	\$8,566.13	\$10,933.87
46.5	50.66	64.67	\$8,781.07	\$11,209.47
47.0	51.91	66.26	\$8,997.73	\$11,485.07
47.5	53.19	67.88	\$9,219.60	\$11,765.87
48.0	54.49	69.56	\$9,444.93	\$12,057.07
48.5	55.85	71.28	\$9,680.67	\$12,355.20
49.0	57.21	73.03	\$9,916.40	\$12,658.53
49.5	58.65	74.86	\$10,166.00	\$12,975.73
50.0	60.08	76.68	\$10,413.87	\$13,291.20
50.5	61.57	78.61	\$10,672.13	\$13,625.73
51.0	63.08	80.50	\$10,933.87	\$13,953.33
51.5	64.66	82.51	\$11,207.73	\$14,301.73
52.0	66.26	84.54	\$11,485.07	\$14,653.60
52.5	67.88	86.64	\$11,765.87	\$15,017.60
53.0	69.54	88.76	\$12,053.60	\$15,385.07
53.5	71.31	90.99	\$12,360.40	\$15,771.60
54.0	73.02	93.21	\$12,656.80	\$16,156.40
54.5	74.85	95.51	\$12,974.00	\$16,555.07
55.0	76.68	97.86	\$13,291.20	\$16,962.40

EXHIBIT "B"

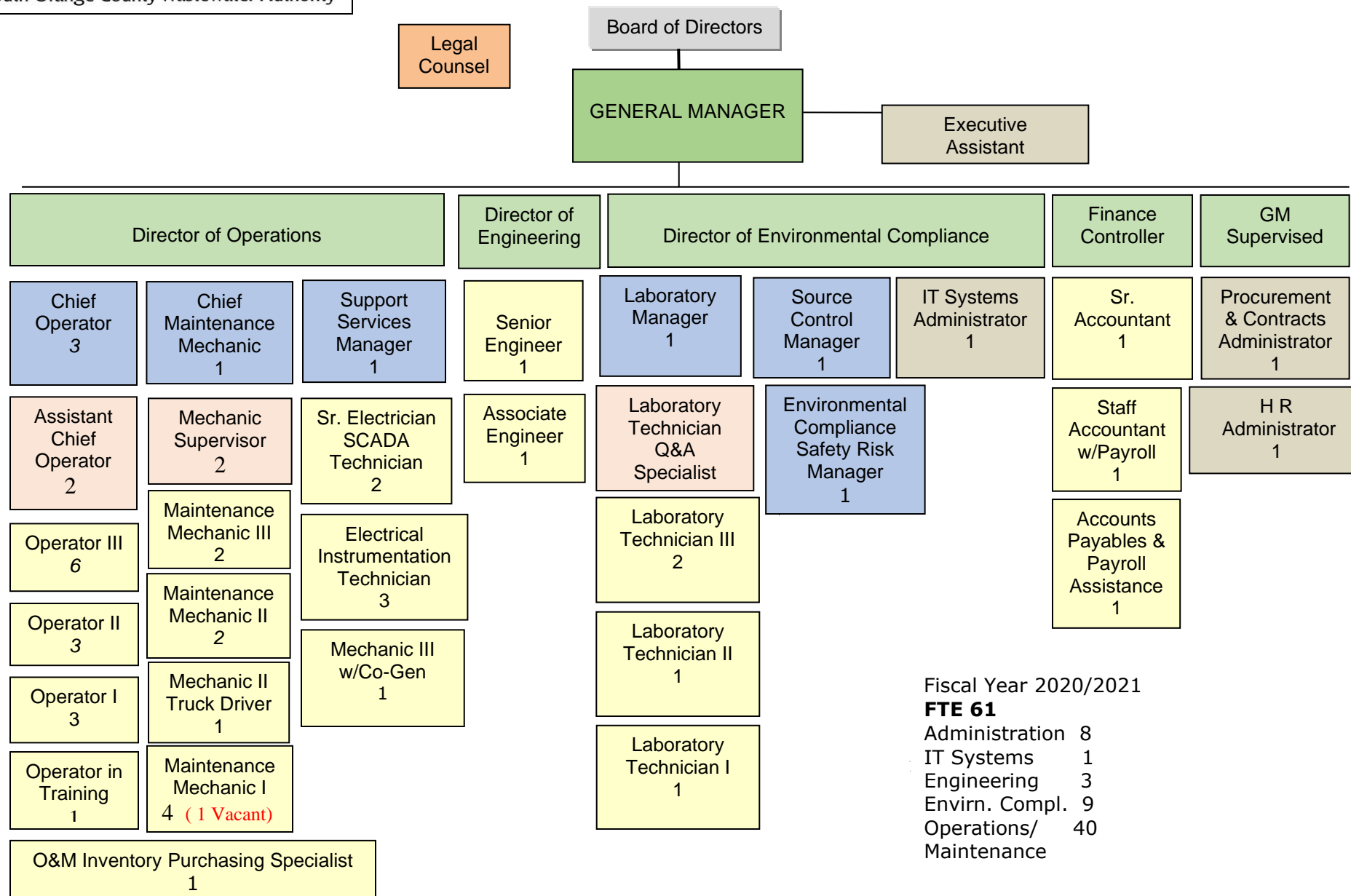
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
EMPLOYEE HANDBOOK - JOB CLASSIFICATION SALARY SCHEDULE
7/1/2020 w/COLA of 2%**

SEA Represented Classifications / Non-Exempt						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Operator Grade III	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Operator Grade II	41	\$ 38.73	\$ 49.42	\$ 6,713.20	\$ 8,566.13	
Operator Grade I	37	\$ 31.84	\$ 40.66	\$ 5,518.93	\$ 7,047.73	
Operator in Training	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	
<i>Maintenance Division</i>						
Maintenance Mechanic III	42.5	\$ 41.68	\$ 53.19	\$ 7,224.53	\$ 9,219.60	
Truck Driver/Maintenance Mechanic II	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Maintenance Mechanic II	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Maintenance Mechanic I	36	\$ 30.33	\$ 38.73	\$ 5,257.20	\$ 6,713.20	
O&M Inventory/Purchasing Specialist	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
<i>Support Services Division</i>						
Sr. Electrician/SCADA Technician	45	\$ 47.04	\$ 60.08	\$ 8,153.60	\$ 10,413.87	
Maintenance Mechanic III /w/Co-Gen	42.5	\$ 41.68	\$ 53.19	\$ 7,224.53	\$ 9,219.60	
Electrical/Instrumentation Technician	42	\$ 40.66	\$ 51.91	\$ 7,047.73	\$ 8,997.73	
<i>Laboratory Services</i>						
Laboratory Technician III / Q&A Specialist	44.5	\$ 45.99	\$ 58.65	\$ 7,971.60	\$ 10,166.00	
Laboratory Technician III	43.5	\$ 43.77	\$ 55.85	\$ 7,586.80	\$ 9,680.67	
Laboratory Technician II	41	\$ 38.73	\$ 49.42	\$ 6,713.20	\$ 8,566.13	
Laboratory Technician I	39	\$ 35.15	\$ 44.84	\$ 6,092.67	\$ 7,772.27	
Laboratory Aide/Sampler	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	

Unrepresented Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Operations Engineering Associate	37	\$ 31.84	\$ 40.66	\$ 5,518.93	\$ 7,047.73	
Assistant Chief Operator	44	\$ 44.84	\$ 57.21	\$ 7,772.27	\$ 9,916.40	
<i>Maintenance Division</i>						
Maintenance Mechanic Supervisor	44	\$ 44.84	\$ 57.21	\$ 7,772.27	\$ 9,916.40	
<i>Environmental Compliance / Laboratory Services</i>						
Source Control Manager	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
<i>Administration Division</i>						
Human Resource Administrator	45.5	\$ 48.25	\$ 61.57	\$ 8,363.33	\$ 10,672.13	
Procurement/Contracts Administrator	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
Executive Assistant	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Clerk of the Board						
Sr. Accountant	43	\$ 42.70	\$ 54.49	\$ 7,401.33	\$ 9,444.93	
Staff Accountant w/Payroll	38	\$ 33.45	\$ 42.70	\$ 5,798.00	\$ 7,401.33	
Accounts Payable Accountant w/PR Assistance	35	\$ 28.90	\$ 36.88	\$ 5,009.33	\$ 6,392.53	

Professional Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Operations Division</i>						
Chief Operator	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
<i>Maintenance Division</i>						
Chief Maintenance Mechanic	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
<i>Support Services Division</i>						
Support Services Manager	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
Information Technology Systems Administrator	46	\$ 49.42	\$ 63.08	\$ 8,566.13	\$ 10,933.87	
<i>Environmental Compliance / Laboratory Services</i>						
Laboratory Manager	48	\$ 54.49	\$ 69.56	\$ 9,444.93	\$ 12,057.07	
Environmental Compliance Safety Risk Manager	45.5	\$ 48.25	\$ 61.57	\$ 8,363.33	\$ 10,672.13	
<i>Engineering Division</i>						
Sr. Engineer	50	\$ 60.08	\$ 76.68	\$ 10,413.87	\$ 13,291.20	
Associate Engineer	47.5	\$ 53.19	\$ 67.88	\$ 9,219.60	\$ 11,765.87	
<i>Administration Division</i>						

Management Classifications						
Classification	Salary Range	Minimum Hourly Salary	Maximum Hourly Salary	Minimum Monthly Salary	Maximum Monthly Salary	
<i>Executive Management Division</i>						
General Manager		Set by the Board by Contract			\$ 19,552.00	
Director of Operations	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Director of Engineering	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Director of Environmental Compliance	54	\$ 73.02	\$ 93.21	\$ 12,656.80	\$ 16,156.40	
Finance Controller	52	\$ 66.26	\$ 84.54	\$ 11,485.07	\$ 14,653.60	



Fiscal Year 2020/2021

FTE 61

Administration 8
 IT Systems 1
 Engineering 3
 Envirn. Compl. 9
 Operations/ 40
 Maintenance

Agenda Item

8i

Board of Directors Meeting

Meeting Date: June 4, 2020

TO: Board of Directors
FROM: Betty Burnett, General Manager
SUBJECT: General Manager's Status Report

ENVIRONMENT COMPLIANCE

NPDES Permit Violations

On April 3, 2020, SOCWA received two transmittal letters from the San Diego Regional Water Quality Control Board (SDRWQCB) which provided settlement offers related to the expedited payment program for discharge through the San Juan Creek and Aliso Creek Ocean Outfalls for permit violations occurring from April 2018 through December 2019. Each violation was accompanied by a \$3,000 mandatory minimum penalty of \$3,000 for each serious violation (Water Code section 13385(h)(1)). The Aliso Creek Ocean Outfall had two serious effluent violations occurring at the combined outfall and one at the Regional Treatment Plant for a total cost of \$6,000. The San Juan Creek Ocean Outfall experienced nine serious effluent violations with one violation occurring at the JB Latham Treatment Plant, two at the City of San Clemente's Water Reclamation Plant, and six at the Chiquita Water Reclamation Plant for a total cost of \$27,000. SOCWA paid the settlement offers related to each NPDES permit violations.

Pretreatment Ordinance Update

Contractors working on behalf of the San Diego Regional Water Quality Control Board (SDRWQCB) conducted a Pretreatment Compliance Audit (PCA) of SOCWA's Pretreatment Program on December 5-6, 2018. Based on the audit, SOCWA is required to amend its Pretreatment Sewer Use Ordinance (SUO). This will also require nine of the member agencies to amend their Pretreatment SUOs (EBSB has no industrial users). Staff completed a draft amendment of the SOCWA SUO and sent the draft to legal Staff for review. SOCWA's legal Staff completed its review April 23, 2020. Currently, the SUO changes are under review of SDRWQCB Staff. Once approved, SOCWA Staff will bring the SUO changes before the SOCWA Board of Directors for the amendment adoption process. Staff will then submit revised "redline" SUOs for each MA to begin its SUO amendment adoption process. This action to amend the pretreatment ordinances is considered non-substantial.

A summary of the changes are provided for reference while SOCWA member agency staff review the changes in more detail:

- Objective update related to the enforcement response plan for consistency with the ordinance.
- Definition of terms updated related to stormwater, dry weather nuisance flows, indirect discharge, non-stormwater discharge, and slug discharge.
- National Pretreatment Standards Code Update related to 40 CFR 403.5 and 40 CFR 403.6

COVID 19 Update

Staff is tracking the science related to wastewater based epidemiology research, and clinical testing developments, and related webinar and video lectures. Staff has shared the update on the weekly SOCWA Managers Call. The latest science update is attached for reference.

SAFETY

SOCWA Safety Officer, Sean Peach and Director of Operations, Jim Burror, recently completed work on the OSHA Regional Exposure Central Plan. The preparation included a training video and access through the Target Safety portal. This effort follows preparations of Blood Born Pathogens training by SOCWA staff using voice over PowerPoint tools in order that the training can be accessed by individual employees without classroom interaction. The BBP training was also prepared with a test to demonstrate retention of the material and with all SOCWA employees participating.