



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, January 19, 2022

TIME: 11:00 a.m. to 1:30 p.m.

LOCATION: The health and well-being of the MetroTAC members/alternates and participating staff during the COVID-19 outbreak remains our top priority. The MetroTAC is taking steps to ensure the safety of all involved by holding its January meeting electronically via Zoom.

E-mail containing information on how to participate in the meeting will be distributed to the MetroTAC members e-mail list and approved San Diego City Staff by Monday, January 17, 2022 by 5:00 p.m. If you do not receive the e-mail, please contact Lori Peoples at lpeoples@chulavistaca.gov PRIOR to the meeting date

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1. Review and Approve MetroTAC Action Minutes for the Meeting of November 17, 2021 (**Attachment**)
 2. Metro Commission/JPA Board Meeting Recap (Standing Item)
 3. **ACTION:** Consideration and Possible Action to Recommend to the Metro Commission/Metro Wastewater JPA, Approval of the Phase II Cost Split (Dexter Wilson) (**Attachment**)
 4. **ACTION:** Appointment of New MetroTAC Chair (Roberto Yano)
 5. **ACTION:** Appointment of New MetroTAC Vice Chair (Roberto Yano)
 6. **INFORMATION:** Proposed Modifications to Metro JPA By Laws (Nicholas Norvell) (**Attachment**)
 7. **UPDATE:** Committee on Proposed Mutual Aid Agreement with Wastewater Agencies (Standing Item) (Peejay Tubongbanua)
 8. **UPDATE:** Industrial Wastewater Control Committee (Beth Gentry)
 9. **UPDATE:** Metro Wastewater (Financial) (Standing Item) (Adam Jones)
 10. **UPDATE:** Metro Wastewater (General) (Standing Item) (Tom Rosales)
 - a. Replacement of Pt. Loma Treatment Plant Road
 - b. April 10, 2020 Spill Update
 11. **UPDATE:** Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung) (**Attached**)

12. **UPDATE:** Pure Water Program (Standing Item) (Amy Dorman)
13. **UPDATE:** Financial (Standing Item) (Karyn Keze)
14. **REPORT:** IRWMP Update (Standing Item) (Beth Gentry)
15. MetroTAC Work Plan (Standing Item) (Roberto Yano) (**Attachment**)
16. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**February 3, 2022**)
17. Other Business of Metro TAC
18. Adjournment ([To the next Regular Meeting February 16, 2022](#))

Metro TAC 2022 Meeting Schedule

January 19	May 18	September 21
February 16	June 15	October 19
March 16	July 20	November 16
April 20	August 17	December 21

ATTACHMENT 1

ACTION MINUTES FOR THE MEETING OF NOVEMBER 17, 2021



Metro TAC
(Technical Advisory Committee to Metro Commission/JPA)

ACTION MINUTES

DATE OF MEETING: November 17, 2021
TIME: 11:00 AM
LOCATION: Zoom Meeting held On Line

MEETING ATTENDANCE:

Members Present

Beth Gentry, Chula Vista
Ed Walton, Coronado
Jim Newton, Coronado
Yazmin Arellano, El Cajon
Dennis Davies, El Cajon
Eric Minicilli, Imperial Beach
Hamed Hashemian, La Mesa
Mike James, Lemon Grove
Michael Stauffer, Lemon Grove
Robert Kennedy, Otay WD
Steven Beppler, Otay WD
Mike Hindle, Padre Dam MWD
Paul Clarke, Padre Dam MWD
Jessica Parks, Poway
Dan Brogadir, County of San Diego

San Diego City Staff/Consultants Present

Tom Rosales, City of San Diego
Adam Jones, City of San Diego
Edgar Patino, City of San Diego

Others Present

Mark Elliott, Jacobs

Staff/Consultants Present

Karyn Keze, the Keze Group
Scott Tulloch, NV5
Carmen Kasner, NV5
Dexter Wilson & Annie, Wilson Engineering
Lori Anne Peoples, MetroTAC

1. Review and Approve MetroTAC Action Minutes for the Meeting of October 20, 2021

Steve Beppler of Otay Water District noted corrections to the minutes that consultant was HDR not HRB and that on Item 8 he had inquired if whether going to San Vicente or not and would or would not play into what the peaks would be as far as water production and what could be done from the central area depending on where they go because they would have to cut back on capacity if the demand dropped down.

ACTION: Motion by Beth Gentry, seconded by Jessica Parks, the Minutes be approved as amended. Motion carried unanimously.

2. Metro Commission/JPA Board Meeting Recap

Dexter Wilson noted that the JPA had referred the 50/50 item to the Finance Committee for review as well as 2.8.2 upon request of Commissioner Spriggs.

3. ACTION: Consideration and Possible Action to Recommend to the Metro Commission/Metro Wastewater JPA, Approval of the Metro Wastewater JPA/MetroTAC Meeting Calendar for 2022

ACTION: Motion by Hamed Hashemian, seconded by Eric Minicilli to recommend approval of the Meeting Calendar for 2022 to the JPA. Motion carried unanimously.

4. ACTION: Consideration and Possible Action to Recommend to the Metro Commission/Metro Wastewater JPA, Approval of Clarifications to the Amended Restated Agreement, Exhibit F, Section V: Capital Expense Rate and Cap Determination

Karen Keze introduced the item and turned it over to Dexter Wilson for presentation. Dexter noted that when the first Amended Restated Agreement (ARA) was negotiated, this item was the biggest topic. After much discussion with San Diego, it was decided we should have a cap, come up with an amount and figure out how the cap would be implemented with Proposition 218 that sets what water rate it could have in it. Tom Zeleny, Assistant General Counsel with the City of San Diego came up with the method presented and Karyn Keze and Dexter Wilson spent a lot of time putting this together and figuring out how it would work. Exact calculations were not spelled out in the first ARA.

ACTION: Motion by Beth Gentry, seconded by Eric Minicilli, to recommend approval of the clarifications to the Metro Commission/Metro Wastewater JPA. Motion carried unanimously.

5. UPDATE: Committee on Proposed Mutual Aid Agreement with Wastewater Agencies

Due to the absence of Peejay Tubongbanua from the County of San Diego, no report was given at this time.

6. UPDATE: Industrial Wastewater Control Committee

Committee Chair Beth Gentry of Chula Vista stated that the committee had met with Brown & Caldwell on November 1 and started on local limits doing sampling. They will bring a report to TAC in a couple of months. They are currently waiting on the City of San Diego for draft language on Direct Billing and Cost Recovery.

7. UPDATE: Metro Wastewater (Financial)

Edgar Patino, City of San Diego was not present so no report was presented.

8. UPDATE: Metro Wastewater

a. Replacement of Pt. Loma Treatment Plant Road

Tom Rosales, City of San Diego stated that the monitoring plan was being implemented and that the previously closed pedestrian/bicycle section of the road had been reopened with traffic control so that the public could get down to the 3rd parking lot. They have hired a separate engineering firm to do daily visual inspections of the road prior to 9 am and will continue until mid December when the instrumentation will be put in the roadway. They are connected with Scripps Institute who is doing their own evaluation up the coast and they will be doing a field visit and looking at the coastal erosion through AB 66 in Encinitas and Del

Mar and sharing information. The City and Scripps Institute may be able to work out a plan where they will help assist. The City is also working on RFPs for long term solutions for designing and are intent to have something in place by November 2022.

b. April 10, 2020 Spill Update

Tom Rosales noted that they are still pending receipt of the letter from the Regional Board.

9. UPDATE: Metro Capital Improvement Program and Funding Sources

Tung was not present so this item was continued to the next meeting.

10. UPDATE: Pure Water Program Update

Tom Rosales stated that this item had been shifted over to Amy Dorman who unfortunately had a conflict today but will be reporting at the next meeting.

Karyn Keze requested that San Diego staff provide an updated table that had previously been submitted.

11. UPDATE: Financial Update:

Karyn Keze stated that the Finance Team had been very busy. The FIG as they call themselves meets every 2 weeks and their next meeting will be Friday. Two projects have been presented as approved by the JPA and will now go to the Attorney's to prepare new language for the Second Amended Restated Agreement. She went on to thank Adam Jones for getting the information for the Semi Annual FY 19 Audit and presented the table that was approved yesterday by the Finance Committee. Additionally, JPA Treasurer Lee Ann Jones-Santos will be submitting bills to the PAs. FY 19 closed with a good amount under budget so when completed, most PAs will be receiving refunds. For the City of Coronado, this will be the first time in JPA History that they will be getting a refund. If any adjustment for a PA went up, it was only due to Flows & Strengths estimated not an increase in San Diego Costs. The bills will go out in December after the JPA approval.

12. UPDATE: IRWMP

Beth Gentry; City of Chula Vista stated there was no meeting and thus no report.

13. UPDATE: MetroTAC Work Plan

Eric Minicilli stated the Work Plan was attached to the agenda.

14. Review of Items to be Brought Forward to the Regular Metro Commission/Metro Wastewater JPA Meeting October 7, 2021

It was noted that Items 3, 4 and the billing and Industrial Waste Standard item would be moving forward to the JPA.

15. Other Business of MetroTAC

Dennis Davies, City of El Cajon stated he would be retiring at the end of the year and Ed Walton of the City of Coronado stated that this would be his last meeting and Jim Newton would be replacing him. They were both given congratulatory well wishes from the TAC members.

16. Adjournment to the Next Regular Meeting December 15, 2021

There being no further business the meeting was adjourned at 12:00 p.m.

ATTACHMENT 3

PHASE 2 COST SPLIT

**PHASE 2 PURE WATER
PRELIMINARY WATER/WASTEWATER COST SPLIT
ALTERNATIVE 1E**

DESCRIPTION OF ALTERNATIVE 1E

- Secondary Treatment Harbor Drive
- Pure Water Mission Valley
- 41.5 mgd of Pure Water Production
- Least costly with waiver
- Least costly at 53 mgd without waiver

ALTERNATIVES COST ESTIMATE SUMMARY

Alternative	Capital Cost	O&M Cost	Pure Water Production	Secondary Equivalency	B/C Bypass	CAWRP Description
IA	\$3.50 B	\$115.9 M	53 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
IB	\$3.92 B	\$123.3 M	53 mgd			CEPT/MBR CAWRP at Harbor Drive
IE	\$3.22 B	\$93.5 M	41.5 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
IF*	\$3.70 B	\$101.9 M	41.5 mgd			Densadeg/Clarifiers/Filters CAWRP at Harbor Dr
3A	\$4.05 B	\$123.0 M	53 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3B	\$4.25 B	\$127.5 M	53 mgd		✓	Densadeg/MBR CAWRP at PLWTP
3C	\$3.81 B	\$105.0 M	41.5 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3D	\$4.08 B	\$109.0 M	41.5 mgd		✓	Densadeg/MBR CAWRP at PLWTP

ALTERNATIVES WITH WAIVER/IE SECONDARY EQUIVALENCY

Number	Criterion	Weight	Alternatives Rating and Score										
			With Waiver / Secondary Equivalency				Without Waiver / Secondary Equivalency						
			Alternative 1 – CAWRP at Harbor Drive		Alternative 3 – CAWRP at PLWTP		Alternative 1 – CAWRP at Harbor Drive		Alternative 3 – CAWRP at PLWTP				
			IA (53 mgd)	IE (41.5 mgd)	3A (53 mgd)	3C (41.5 mgd)	1B	1F'	3B	3D			
1	Health and Safety	10											
2	Community Impacts	10											
3	Environmental Impacts	10											
4	Operational Reliability	10											
5	Ability to Implement	10											
6	Constructability	10											
7	Property and Easement Acquisition	10											
8	System Operability	10											
9	System Simplicity	10											
10	System Efficiency	10											
Total Score		100											
Ranking (Separated by With and Without Waiver)			1 (370)	2 (350)	3 (280)	4 (260)	1	2	3	4			
Estimated Capital Cost (\$B)			\$3.50	\$3.22	\$4.05	\$3.81	\$3.92	\$3.70	\$4.25	\$4.08			
Estimated Annual O&M Cost (\$M)			\$115.90	\$93.50	\$123.00	\$105.00	\$123.30	\$101.90	\$127.50	\$109.00			
Estimated NPV (\$B)			\$7.44	\$6.47	\$8.30	\$7.50	\$8.14	\$7.28	\$8.67	\$7.93			

CAPITAL COST INCLUDE

- Wastewater Pure Water Costs
- Water Pure Water Costs
- Wastewater Point Loma Rehabilitation Costs (\$170,113,600)
- ECAWP Conveyance Costs (\$40,357,320)

COST TABLE

PHASE 2 ALTERNATIVE 1E CONSTRUCTION COST												
Item	Total Capacity		Amount	%				Costs				Total
	Average	Unit		Water	Wastewater	Sewer Rehabilitation	ECAWP Conveyance	Water	Wastewater	Sewer Rehabilitation	ECAWP Conveyance	
TREATMENT												
Facilities Direct + Indirect Construction Costs												
PLWTP Modifications	-	-	\$128,721,000		100%					\$128,721,000		\$128,721,000
CAWRP @ Harbor Drive	53.0 mgd		\$601,047,000	20%	80%			\$120,209,400	\$480,837,600			\$601,047,000
CAPWF @ Mission Valley	51.9 mgd		\$508,279,000	100%				\$508,279,000				\$508,279,000
CA Equalization	9.0 MG ¹		\$34,063,000		100%				\$34,063,000			\$34,063,000
MBC Centrate Treatment	N/A	-	-									\$0
Facilities Construction Cost Total			\$1,272,110,000	Facilities Construction Subtotal				\$628,488,400	\$643,621,600	\$0	\$0	\$1,272,110,000
Miscellaneous Direct Costs												
PLWTP PSB 1-6 Replacement	N/A	-	\$57,258,000			100%				\$57,258,000		\$57,258,000
PLWTP PSB 7-12 Resurfacing	N/A	-	\$18,946,000			100%				\$18,946,000		\$18,946,000
MBC Solids Receiving Tanks	N/A	-	\$812,000		100%				\$812,000			\$812,000
Miscellaneous Direct Total			\$77,016,000	Miscellaneous Direct Costs Subtotal				\$0	\$812,000	\$76,204,000	\$0	\$77,016,000
Miscellaneous Indirect Costs												
Treatment Subtotal Construction Cost			\$77,016,000						\$812,000	\$76,204,000		\$77,016,000
Contractor General Conditions	15.00%		\$11,552,000						\$122,000	\$11,430,000		\$11,552,000
Start-Up, Training, O&M	2.00%		\$1,771,000						\$18,000	\$1,753,000		\$1,771,000
Undesign/Undevelop Contingency	40.00%		\$36,136,000						\$381,000	\$35,755,000		\$36,136,000
Building Risk, Liability Auto Insurance	2.00%		\$2,530,000						\$27,000	\$2,503,000		\$2,530,000
Payment and Performance Bonds	1.50%		\$1,935,000						\$20,400	\$1,914,600		\$1,935,000
Miscellaneous Construction Cost Total			\$130,940,000	Miscellaneous Construction Cost Subtotal				\$0	\$1,380,400	\$129,559,600	\$0	\$130,940,000
Treatment Construction Cost Total			\$1,403,050,000	TREATMENT COST TOTAL				\$628,488,400	\$645,002,000	\$129,559,600	\$0	\$1,403,050,000

COST TABLE CONTINUED

CONVEYANCE										
Direct Costs										
<u>Dechlorination Station</u>										
Dechlorination Station	41.5 mgd	\$2,283,000	100%			\$2,283,000			\$2,283,000	
Dechlorination Station Total		\$2,283,000		Dechlorination Station Subtotal		\$2,283,000	\$0	\$0	\$0	\$2,283,000
<u>Pump Stations</u>										
Tertiary Effluent PS	2,400 hp	\$15,840,000	100%			\$15,840,000			\$15,840,000	
Sludge PS	600 hp	\$11,880,000		100%			\$11,880,000		\$11,880,000	
CA Brine PS	400 hp	\$8,720,000	100%			\$8,720,000			\$8,720,000	
Influent Sewer PS	600 hp	\$11,880,000		100%			\$11,880,000		\$11,880,000	
EQ Tank PS	600 hp	\$11,880,000		100%		\$0	\$11,880,000		\$11,880,000	
Pure Water PS HD	N/A hp	-	100%						\$0	
Pure Water PS MV	8,400 hp	\$46,200,000	100%			\$46,200,000			\$46,200,000	
Pump Stations Total		\$106,400,000		Pump Stations Subtotal		\$70,760,000	\$35,640,000	\$0	\$0	\$106,400,000
<u>Pressure Reducing Stations (PRS)</u>										
NC Brine PRS	N/A mgd	-							\$0	
NC Brine/Centrate PRS	13 mgd	\$660,000	49%	51%		\$323,400	\$336,600		\$660,000	
Treated Centrate PRS	N/A mgd	-							\$0	
Regional Brine Centrate PRS	N/A mgd	-							\$0	
Treated Effluent HD PRS	N/A mgd	-							\$0	
PRS Total		\$660,000		PRS Subtotal		\$323,400	\$336,600	\$0	\$0	\$660,000

COST TABLE CONTINUED

Conveyance Piping											
Heading Northeast											
Tertiary Effluent	52.0 mgd	\$77,002,000	100%				\$77,002,000			\$77,002,000	
Pure Water (MVW)	N/A mgd	-								\$0	
Pure Water (MVE)	41.5 mgd	\$59,875,000	100%				\$59,875,000			\$59,875,000	
Subaqueous	41.5 mgd	\$10,600,000	100%				\$10,600,000			\$10,600,000	
Heading Southwest											
Sludge	4.5 mgd	\$21,205,000		100%				\$21,205,000		\$21,205,000	
CA Brine	7.4 mgd	\$23,834,000	100%				\$23,834,000			\$23,834,000	
NC Brine	N/A mgd	-								\$0	
NC Brine Centrate	13.0 mgd	\$4,335,000	49%	51%			\$2,124,150	\$2,210,850		\$4,335,000	
Treated Centrate	N/A mgd	-								\$0	
Combined Brine Centrate	N/A mgd	-								\$0	
Regional Brine Centrate	21.2 mgd	\$20,073,000	64.1%	30.2%		5.7%	\$12,866,793	\$6,062,046	\$1,144,161	\$20,073,000	
Influent Sewer System											
Headworks Sewer	54.0 mgd	\$2,686,000		100%				\$2,686,000		\$2,686,000	
EQ Sewer Influent	27.0 mgd	\$9,915,000	0%	100%			\$0	\$9,915,000		\$9,915,000	
EQ Sewer Effluent	24.0 mgd	\$664,000	0%	100%			\$0	\$664,000		\$664,000	
Plant Waste											
HD E. Sewer	76.1 mgd	\$3,802,000		100%				\$3,802,000		\$3,802,000	
MV Combined Waste	16.8 mgd	\$69,000	100%				\$69,000			\$69,000	
MV E. Sewer	52.0 mgd	\$1,159,000	100%				\$1,159,000			\$1,159,000	
ECAWP Conveyance											
Segment 1	N/A -	\$26,476,000				100%	\$0		\$26,476,000	\$26,476,000	
Segment 2	N/A -	\$7,280,000				100%	\$0		\$7,280,000	\$7,280,000	
Segment 3A	N/A -	\$3,111,000				100%	\$0		\$3,111,000	\$3,111,000	
ECAWP Brine Only (MVW)	N/A -	-								\$0	
Conveyance Piping Total		\$272,086,000			Conveyance Piping Subtotal		\$187,529,943	\$46,544,896	\$0	\$38,011,161	\$272,086,000

COST TABLE CONTINUED

Tunnels											
Point Loma Ridge PL	5,000 LF	\$8,250,000		100%				\$8,250,000		\$8,250,000	
Navy Channel PL	1,200 LF	\$5,069,000		100%				\$5,069,000		\$5,069,000	
I-5 Midway	2,000 LF	\$31,680,000	89.6%	8.8%		1.6%	\$28,385,280	\$2,787,840	\$506,880	\$31,680,000	
MTS Trolley Midway	800 LF	\$12,672,000	89.6%	8.8%		1.6%	\$11,354,112	\$1,115,136	\$202,752	\$12,672,000	
San Diego River near Old Town (I-8)	I Is	\$28,711,000	64.1%	30.2%		5.7%	\$18,403,751	\$8,670,722	\$1,636,527	\$28,711,000	
SR-163 MVW	2,500 LF	\$35,640,000	100%				\$35,640,000			\$35,640,000	
Emergency Sewer MV Site	900 LF	\$7,841,000	100%				\$7,841,000			\$7,841,000	
I-15 MVE	2,750 LF	\$26,136,000	100%				\$26,136,000			\$26,136,000	
Alvarado Creek MVE	500 LF	\$4,752,000	100%				\$4,752,000			\$4,752,000	
Water Entry Lake Murray	I Is	\$39,437,000	100%				\$39,437,000			\$39,437,000	
SR-52 LV	N/A LF	-								\$0	
I-805 LV	N/A LF	-								\$0	
Tunnels Total		\$200,188,000					\$171,949,143	\$25,892,698	\$0	\$2,346,159	\$200,188,000
Direct Costs Subtotal		\$581,617,000					\$432,845,486	\$108,414,194	\$0	\$40,357,320	\$541,259,680
Indirect Costs											
Conveyance Total		\$581,617,000					\$432,845,486	\$108,414,194	\$0	\$40,357,320	\$581,617,000
Contractor General Conditions	15%	\$87,243,000					\$64,927,000	\$16,263,000		\$81,190,000	
Start-Up, Training, O&M	2%	\$13,377,000					\$9,955,000	\$2,494,000		\$12,449,000	
Undesign/Undevelop Contingency	40%	\$272,895,000					\$203,091,000	\$50,868,000		\$253,959,000	
Building Risk, Liability Auto Insurance	2%	\$19,103,000					\$14,216,000	\$3,561,000		\$17,777,000	
Payment and Performance Bonds	2%	\$14,614,000					\$10,876,000	\$2,725,000		\$13,601,000	
Conveyance Construction Cost Total		\$988,849,000					\$735,910,486	\$184,325,194	\$0	\$40,357,320	\$920,235,680
Treatment Cost Total		\$1,403,050,000					\$628,488,400	\$645,002,000	\$129,559,600	\$0	\$1,403,050,000
Conveyance Cost Total		\$988,849,000					\$735,910,486	\$184,325,194	\$0	\$40,357,320	\$920,235,680
Program Construction Cost Total		\$2,391,899,000					\$1,364,398,886	\$829,327,194	\$129,559,600	\$40,357,320	\$2,323,285,680

COST TABLE CONTINUED

Delivery and Other Costs										
<u>Consultant Engineering Costs</u>										
Pre-Design	2.10%	\$50,230,000				\$28,652,000	\$17,415,000	\$2,721,000	\$48,788,000	
Detailed Design	7.10%	\$169,825,000				\$96,872,000	\$58,882,000	\$9,199,000	\$164,953,000	
Engineering Services During Construction	1.40%	\$33,487,000				\$19,102,000	\$11,611,000	\$1,814,000	\$32,527,000	
Consultant Engineering Costs Total		\$253,542,000	Consultant Engineering Costs Subtotal			\$144,626,000	\$87,908,000	\$13,734,000	\$246,268,000	
<u>Consultant Construction Management Services (CMS)</u>										
Bid Phase	0.40%	\$9,568,000				\$5,458,000	\$3,317,000	\$519,000	\$9,294,000	
Construction Phase	6.80%	\$162,649,000				\$92,779,000	\$56,394,000	\$8,810,000	\$157,983,000	
Consultant CMS Total		\$172,217,000	Consultant CMS Subtotal			\$98,237,000	\$59,711,000	\$9,329,000	\$167,277,000	
<u>Administration</u>										
Environmental Review and Permitting	1.40%	\$33,487,000				\$19,102,000	\$11,611,000	\$1,814,000	\$32,527,000	
Environmental Construction Compliance	2.10%	\$50,230,000				\$28,652,000	\$17,415,000	\$2,721,000	\$48,788,000	
City Project Management	3.60%	\$86,108,000				\$49,118,000	\$29,856,000	\$4,664,000	\$83,638,000	
Other City Departments	1.40%	\$33,487,000				\$19,102,000	\$11,611,000	\$1,814,000	\$32,527,000	
Environmental Mitigation	2.10%	\$50,230,000				\$28,652,000	\$17,415,000	\$2,721,000	\$48,788,000	
Administration Total		\$253,542,000	Administration Subtotal			\$144,626,000	\$87,908,000	\$13,734,000	\$0	\$246,268,000
<u>Land Acquisition</u>	2.90%	\$69,365,000	Land Acquisition Subtotal			\$39,568,000	\$24,050,000	\$3,757,000	\$0	\$67,375,000
<u>SDG&E Power Supply Improvements (w/ 40% contingency)</u>		\$78,000,000	SDG&E Subtotal			\$50,700,000	\$27,300,000		\$78,000,000	
Subtotal Delivery and Other Costs		\$826,666,000	DELIVERY AND OTHER COSTS TOTAL			\$477,757,000	\$286,877,000	\$40,554,000	\$0	\$805,188,000
Treatment Cost Total		\$1,403,050,000	Treatment Cost Total			\$628,488,400	\$645,002,000	\$129,559,600	\$0	\$1,403,050,000
Conveyance Cost Total		\$988,849,000	Conveyance Cost Total			\$735,910,486	\$184,325,194	\$0	\$40,357,320	\$920,235,680
Delivery and Other Costs Total		\$826,666,000	Delivery and Other Costs Total			\$477,757,000	\$286,877,000	\$40,554,000	\$0	\$805,188,000
All Costs Total		\$3,218,565,000	All Costs Subtotal			\$1,842,155,886	\$1,116,204,194	\$170,113,600	\$40,357,320	\$3,128,473,680

COST TABLE CONTINUED

Total Program Construction Cost										\$3,128,473,680
Upper Range + 100%										\$6,437,130,000
Lower Range -50%										\$1,609,282,500
I. Equalization to reduce tank sizes at CAWRP										
								Water	Wastewater	
								62%	38%	

PURPOSE OF WATER/WASTEWATER COST SPLIT INFORMATION

1. Establish a cost split for Phase 2 Pure Water General Items
2. Gain support to change from initial 50/50 split to 62/38 for General Items Now. (Pilot Plant)

ATTACHMENT 6

PROPOSED MODIFICATIONS TO THE JPA BY LAWS

**BYLAWS
OF
METRO WASTEWATER JOINT POWERS AUTHORITY**

PREAMBLE

The Metro Wastewater Joint Powers Authority (“Metro JPA” or “JPA”) was established in October of 2000 pursuant to the Joint Exercise of Powers Law Act, Government Code section 6500 *et seq.*, for the purpose of creating a public agency with the authority to take action pertaining to the Participating Agencies’ responsibilities and obligations to provide for the financing of public capital improvements for the Metro Sewerage System which are constructed pursuant to the Metro Agreement and to take such other actions as are necessary for the Participating Agencies to fulfill the obligations and responsibilities and obtain rights and benefits set forth in the Metro Agreement.

**ARTICLE I
Definitions**

In addition to the other terms defined herein, the following terms, whether in the singular or in the plural, when used herein and initially capitalized, shall have the meanings specified:

Agreement shall mean the Joint Exercise of Powers Agreement creating Metro Wastewater Joint Powers Authority, dated as of October 25, 2000, among the parties thereto, as amended from time to time.

Act, Participating Agencies, Board, Member, and Directors shall have the respective meanings set forth in the Agreement.

Metro TAC shall mean the Metro Technical Advisory Committee, a committee composed of public works directors and engineers from the Participating Agencies. Metro TAC predates the existence of Metro JPA and is not established or governed by the JPA.

State shall mean the State of California.

**ARTICLE II
Offices**

Section 1. **Principal Office.** The principal office of the JPA shall be located at 200 Civic Center Way, El Cajon, CA 92020, Attn: Deputy Finance Director/Metro JPA Treasurer P.O. Box 719003, Santee, California 92072.

Section 2. **Additional Offices.** The JPA may also have offices at such other places both within and outside the State, as the Board may from time to time determine or the business of the JPA may require.

ARTICLE III
Board

Section 1. Power and Duties of the Board. The Board shall have the responsibility for the general management of the affairs, property and business of the JPA and may, from time to time, adopt and modify these Bylaws and other rules and regulations for that purpose and for the conduct of its meetings as it may deem proper. The Board may exercise and shall be vested with all powers of the JPA insofar as not inconsistent with law, the Agreement or these Bylaws.

Section 2. Directors and Advisory Directors.

- (a) **Directors.** Directors of the Board are appointed to serve as Directors of the JPA in accordance with the provisions of Section 2.03 of the Agreement.
- (b) **Advisory Directors.** The Board may, from time to time, appoint representatives from non-Participating Agencies to serve as Advisory Directors. Advisory Directors shall participate in meetings as a Director, but shall not be counted toward establishing a quorum, shall not attend closed session, and shall not vote. Advisory Directors shall not receive a per diem as set forth in Article IV, Section 4.

Section 3. Adjournments and Adjourned Meetings. The Board may adjourn any regular, adjourned regular, special or adjourned special meeting to a time and place specified by the Board in accordance with law. If less than a majority is present at a meeting, a majority of those members of the Board present may adjourn the meeting from time to time.

Section 4. Method of Voting. Votes on all questions shall be viva voce.

Section 5. Organization. Each meeting of the Board shall be presided over by the Chair or, in his or her absence, by the Vice Chair, or in the absence of both the Chair and Vice Chair, by any member of the Board selected to preside by vote of a majority of the members of the Board present. The Secretary, or in his or her absence any person designated by the individual presiding over the meeting, shall act as secretary of the meeting.

Section 6. ~~Meetings.~~ ~~Regular meetings of the JPA shall be held on the first Thursday of each month, or as scheduled by the Board.~~

Commented [A1]: Meetings provision moved to new "Meetings" article.

ARTICLE IV
Officers

Section 1. **Appointment of Officers.** The Chair, the Vice Chair, Treasurer, and Secretary of the JPA shall be the persons as set forth in Article III of the Agreement.

- (a) Ad Hoc Nominating Committee for Chair and Vice Chair. At the January regular Board meeting in odd numbered years, or at any other time deemed appropriate by the Board, the Board, in its sole reasonable discretion, may appoint an ad hoc Chair and Vice Chair Nominating Committee (“Nominating Committee”) consisting of three (3) members of the Board.
- i. If the Board appoints a Nominating Committee, the Nominating Committee shall nominate one Director for the position of Chair and one Director for the position of Vice Chair. No member of the Nominating Committee may be nominated for the position of Chair or Vice Chair.
 - ii. The Nominating Committee shall present its nominations for Board consideration and action at the next scheduled regular Board meeting. The Board shall consider the Nominating Committee’s nominations and elect a Chair and Vice Chair.
 - iii. The members of the Nominating Committee shall be compensated for attendance at meetings of the Nominating Committee in accordance with Section 4 of this Article, which allows Per Diem compensation for attendance at meetings of an advisory body of the JPA.
 - iv. Nothing in this section requires that a Nominating Committee be appointed.

Section 2. **Term of Office and Qualification.** Each officer elected or appointed pursuant to Section 1 of this Article IV shall hold office:

- (a) until such time as such officer (1) ceases (in the case of the Chair or Vice Chair) to be a member of the Board, (2) resigns from such office in accordance with the provisions of Article V of these Bylaws, or (3) is unable to perform the duties of such office; ~~or:~~
- (b) for a term of two years or until a successor is elected or appointed~~such officer resigns from such office in accordance with the provisions of Article V of these Bylaws or is unable to perform the duties of such office.~~

Section 3. Official Bond. The Treasurer to the extent such officer's duties and responsibilities pursuant to the Joint Powers Law may require, is designated as the public officer or person who has charge of, handles, or has access to any property of the JPA, and such officer shall file an official bond as required by Section 6505.1 of the Joint Powers Law in the amount of \$25,000.

Section 4. Compensation and Reimbursement. The compensation of, and reimbursement for, all Directors of the JPA, excluding Advisory Directors, shall be:

Commented [A2]: This section is consistent with the Bylaw amendment adopted by the JPA Board in 2017. Only further changes compared to the 2017 version are shown below.

- (a) fixed from time to time by the Board, or pursuant to authority of (general or specific) resolutions of the Board;
- (b) as follows:
 - i. Compensation in the amount of \$150.00 per day ("Per Diem") for attendance at meetings of the JPA, including attendance at meetings of an advisory body of the JPA, such as standing or ad hoc subcommittees, or for each day's service rendered as a Director of the JPA by request of the Chair/Board, with a maximum of three (3) Per Diems per month for all Directors of the JPA, and a total of six (6) Per Diems per month for the Chair. All Per Diem requests must be submitted to the JPA Treasurer within sixty (60) days of the day for which a Per Diem is requested.

Directors, to whom the JPA would pay a Per Diem pursuant to this Section (b)(i) ~~above~~, shall not receive a Per Diem if they are otherwise eligible to receive compensation, including per diem, from their respective agencies for attendance at meetings of the JPA or for service rendered as a Director of the JPA by request of the Board.

- ii. Reimbursement of actual and necessary expenses incurred in the performance of official duties in the course of serving as a Director of the JPA ~~by request as approved by a motion~~ of the Board, such as but not limited to travel, car rental, if appropriate, lodging, registration, meals (excluding alcoholic beverages), and incidental expenses as follows:
 - 1. Reimbursement for each mile actually traveled when utilizing their vehicles to attend conferences or other meetings when acting by request of the Board, provided such mileage compensation does not exceed Coach Class airfare plus normal cost for transportation to and from the airport at the point of departure and the airport at the destination. Reimbursement per mile to be equal to the standard rate in effect for business miles deduction by the

United States Internal Revenue Service, as such rate is established from time to time. If a Director chooses to travel in his or her private automobile, rather than by scheduled airlines, and the distance traveled requires more than 8 hours driving, overnight lodging and three (3) meals will be reimbursed to the Director, provided that such reimbursement does not exceed the cost of Coach Class airfare plus normal cost for transportation to and from the airport at the point of departure and the airport at the destination.

2. Reimbursement for lodging, if the lodging is in connection with a conference or organized, educational activity. Lodging costs shall not exceed the maximum group rate published by the conference or activity sponsor, provided that lodging at the group rate is available to the Director at the time of booking. If the group rate is not available, the Director shall use comparable lodging, consistent with this Section.
3. Directors shall use government and/or group rates offered by a provider of transportation or lodging services or travel and lodging, when available.
4. All expenses that do not fall within this subsection (b) or the rates provided herein, shall be approved by the Board in a public meeting before the expense is incurred.
5. If a Director chooses to incur additional costs that are above the rates established under this subsection (b)(ii), then the Director may do so at his or her own expense.
6. Expenses shall not be reimbursed unless an expense form is submitted to the JPA within sixty (60) days after the expenditure. Expense forms shall be accompanied by receipts documenting each expense. If no receipt is available, a written explanation of the expenditure is required. Furthermore, Directors will be required to provide a brief report on the conference or meeting attended at the next regular meeting of the JPA.

Commented [A3]: Added based on Gov. Code § 53232.2 (f) & (g).

ARTICLE V

Resignations

Section 1. Voluntary Resignation; Notice of Effectiveness. Any member of the Board or officer of the JPA may, subject to contrary provisions in any applicable contract,

resign at any time by giving written notice to the Board or to the Chair or to the Secretary of the JPA. Any such resignation shall take effect at the time specified therein or, if the time be not specified, upon receipt thereof; and unless otherwise specified therein, acceptance of such resignation shall not be necessary to make it effective.

Section 2. Involuntary Resignation; Request. The Board, in the exercise of its discretion, may request the resignation of any officer elected or appointed pursuant to Article IV of these Bylaws. Pursuant to such request, subject to contrary provisions in any applicable contracts, such officer shall resign by giving written notice to the Board. Any such resignation shall take effect at the time specified in such request. Notwithstanding the above, this section shall not be interpreted to prohibit the Board from removing any elected or appointed officer or electing or appointing a successor.

ARTICLE VI **Vacancies Among Officers**

If the office of any officer elected or appointed pursuant to Article IV of these Bylaws becomes vacant at any time by reason of death, resignation, retirement, disqualification, removal from office, or otherwise, such vacancy may be filled at any time by the Board.

ARTICLE VIII **Meetings**

Section 1. Regular Meetings. Regular meetings of the JPA shall be held on the first Thursday of each month at 12:00 p.m., or as otherwise scheduled by a resolution of the Board.

Section 2. Special and Emergency Meetings. Special and emergency meetings of the Board may be called in accordance with the provisions of Government Code sections 54956 and 54956.5.

Section 3. Open Meetings. All meetings of the Board shall be conducted in accordance with the provisions of the Ralph M. Brown Act (California Government Code § 54950 et seq.). Directors may participate in meetings telephonically, with full voting rights, only to the extent permitted by law.

Section 4. Preparation of Agendas. The Metro TAC Chair or a designee shall prepare the agenda for each Board meeting. Agenda items will be generated by the need to conduct JPA business in a timely manner. The Metro TAC Chair shall review with the Board Chair, or the Vice-Chair in the absence of the Chair, the agenda for regular meetings of the Board.

Commented [A4]: The suggested provisions of this Article can help clarify meeting procedures.

Commented [A5]: Moved from Article III

Section 5. Addition of Agenda Items Before a Meeting. Board Members may add a “Board Member Initiated Agenda Item” to a future meeting agenda. Board Member Initiated Agenda Items are prepared by the requesting Board Member and require no staff or consultant time. Board Member Initiated Items must be submitted to the Metro TAC Chair at least ten (10) days prior to the next Board meeting.

In addition, items may be added to a future Board meeting agenda in the following ways:

- (a) For items not requiring staff or consultant time, the Chair provides an express oral direction to the Metro TAC Chair during a Board meeting. If a Board Member disagrees with the Chair’s direction, the Board Member may make a motion regarding the addition of the item without discussion of the substance of the item.
- (b) For items requiring staff or consultant time, an item shall be added by motion without discussion of the substance of the item.
- (c) Requests from members of the audience, after being authorized to speak, may be added to a future agenda by a Board Member as a Board Member Initiated Agenda Item, as discussed above. If the item requires staff time, the item may be added only by motion without discussion of the substance of the item.
- (d) The Chair or a majority of the Board may refer items to a committee for further review.

Section 6. Modification of Agenda Order; Addition of Items During a Meeting. The order of items on the agenda may be modified by the Chair if there is no objection, or by a motion and majority vote of the Board. No action or discussion may be undertaken on any item not appearing on the posted agenda, except as allowed under the Brown Act.

Section 7. Consent Calendar. The consent calendar shall consist of items which appear to be routine or ministerial in nature on which no Board discussion will be required. Before adopting the consent calendar, the Chair will ask Board Members whether anyone wishes to move a matter from the consent calendar to the regular agenda. The Board will then proceed with consideration of the remaining consent calendar. The consent calendar will be acted upon in one motion without discussion. Items pulled from the consent calendar will be considered immediately following adoption of the remaining consent calendar, and staff reports will only be given if requested by the Board Member who pulled them.

Section 8. Public Comments. Agendas of regular meetings shall provide an opportunity for members of the public to address the Board on any item within the jurisdiction of the JPA which are not on the agenda. Generally, speakers shall be limited to three (3) minutes each, with 15 minutes being provided for non-agenda public comments. If the number of speakers is estimated to exceed the 15-minute period, the Chair may, in his or her discretion, reduce the time allotted to each speaker, extend the period for non-agenda public comment, or continue the remaining comments to the end of the agenda. For public comments on agenda items, the Chair may reduce the time allotted to each speaker in his or her discretion.

Section 9. Order and Procedure at Meetings. All meetings of the Board shall be conducted in an orderly manner designed to expedite the business of the Board in accordance with applicable law, the JPA Agreement, and these Bylaws. Except as otherwise provided in these Bylaws, Rosenberg's Rules of Order (Rev. 2011) will be used as a guide to resolve questions of parliamentary procedures. The General Counsel shall serve as the Parliamentarian.

Section 10. Rules of Debate and Decorum. Debate upon all matters pending before the Board shall be under the supervision of the Chair and conducted in such a manner as to expedite the business of the Board. Every Board Member desiring to speak shall so indicate by using the "request to speak" button, if available, or otherwise address the Chair. Upon recognition by the Chair, the Board Member shall confine remarks to the item under consideration. A Board Member, once recognized, shall not be interrupted when speaking unless it is to call the Board Member to order. If a Board Member while speaking is called to order, the Board Member shall cease speaking until the question of order is determined.

ARTICLE VIII
Quorum and Voting

Section 1. Quorum. Directors holding a majority of the votes shall constitute a quorum for the transaction of business, except that less than a quorum may adjourn from time to time. The affirmative votes of at least a majority of the Directors present at any meeting at which a quorum is present shall be required to take any action by the Board.

Section 2. Voting. Each Director shall have one vote.

ARTICLE IX
Policy Regarding Confidential Information
Disclosed During Closed Sessions

Information obtained during closed sessions of the Board shall be confidential. Notwithstanding, under certain circumstances, it may be necessary and appropriate for Directors to divulge certain

Commented [A6]: These items are set forth in the Joint Powers Agreement, but it may be useful to include them in the bylaws as well.

Commented [A7]: This article sets forth a useful procedure for handling confidential information.

confidential information obtained in closed sessions to representatives of their Participating Agencies as authorized by law. Therefore, these Bylaws adopt the policy set forth in California Government Code section 54956.96, which authorizes the disclosure of confidential closed session information that has direct financial or liability implications for that Participating Agency as follows:

- (a) A Director who is also a member of the governing body of a Participating Agency may disclose information obtained in a JPA closed session that has direct financial or liability implications for that Participating Agency to the following individuals:
 - i. Legal counsel of that Participating Agency for purposes of obtaining advice on whether the matter has direct financial or liability implications for that Participating Agency; and
 - ii. Other members of the governing body of the Participating Agency present in a closed session of that Participating Agency.
- (b) The governing body of the Participating Agency may, upon the advice of its legal counsel, conduct a closed session in order to receive, discuss, and take action concerning information obtained in a closed session of the JPA pursuant to this Article.

ARTICLE X
Board Committees

Commented [A8]: This Article sets forth helpful procedures for committees. These draft provisions can be modified as desired.

Section 1. Committees. The Board may establish committees as the Board deems appropriate to assist the Board in carrying out its functions.

The Finance Committee is an existing Standing Committee of the Board. Other committees composed of Board members with continuing subject matter jurisdiction, or having a meeting schedule fixed by charter, ordinance, resolution, or formal action of the Board, shall also be Standing Committees of the Board.

Section 2. Appointment to Standing Committees. For Standing Committees, the Chair shall nominate committee members, subject to approval by a majority vote of the Board. If the Board fails to approve the Chair's nomination(s) to a Standing Committee, the Board may entertain a motion for the appointment of committee members.

Section 3. Committee Voting. Action by a committee on all matters shall require an affirmative vote of a majority of the members of the committee who are present at the meeting.

Section 4. Removal of Committee Members. The Board may remove a committee member from a committee, with or without cause, by a majority vote of the Board. A committee member may also resign from a committee.

Section 5. Ad Hoc Committees. The Board may establish temporary ad hoc advisory committees that: (a) are composed of less than a quorum of the Board, (b) have no continuing subject matter jurisdiction, and (c) have no meeting schedule fixed by charter, ordinance, resolution, or formal action of the Board. The Chair shall appoint the members of such ad hoc committees.

ARTICLE XVII
Amendments

These Bylaws may be modified, amended or repealed or new Bylaws may be adopted by the affirmative vote of the Board at any regular or special meeting of the Board.

ARTICLE XVIII
Severability

Any adjudication that these Bylaws or any part thereof is invalid shall not affect the validity of the remainder of these Bylaws.

These Bylaws are hereby adopted on this ____ day of _____ 202~~21~~7.

Jerry Jones
Chair

SECRETARY'S CERTIFICATE

The undersigned hereby certifies that he/she is the Secretary of the Metro Wastewater Joint Powers Authority, a joint exercise of powers authority; that attached hereto is a true, correct and complete copy of the Bylaws of the Metro Wastewater Joint Powers Authority; and that said Bylaws are in full force and effect as of the date hereof.

Dated: _____

Lori Anne Peoples
Secretary of the Metro Wastewater Joint
Powers Authority

ATTACHMENT 11

CAPITAL IMPROVEMENT PROGRAM AND FUNDING SOURCES



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: November 15, 2021

TO: Metro Technical Advisory Committee (Metro TAC)

FROM: Surraya Rashid, Deputy Director, Public Utilities Department

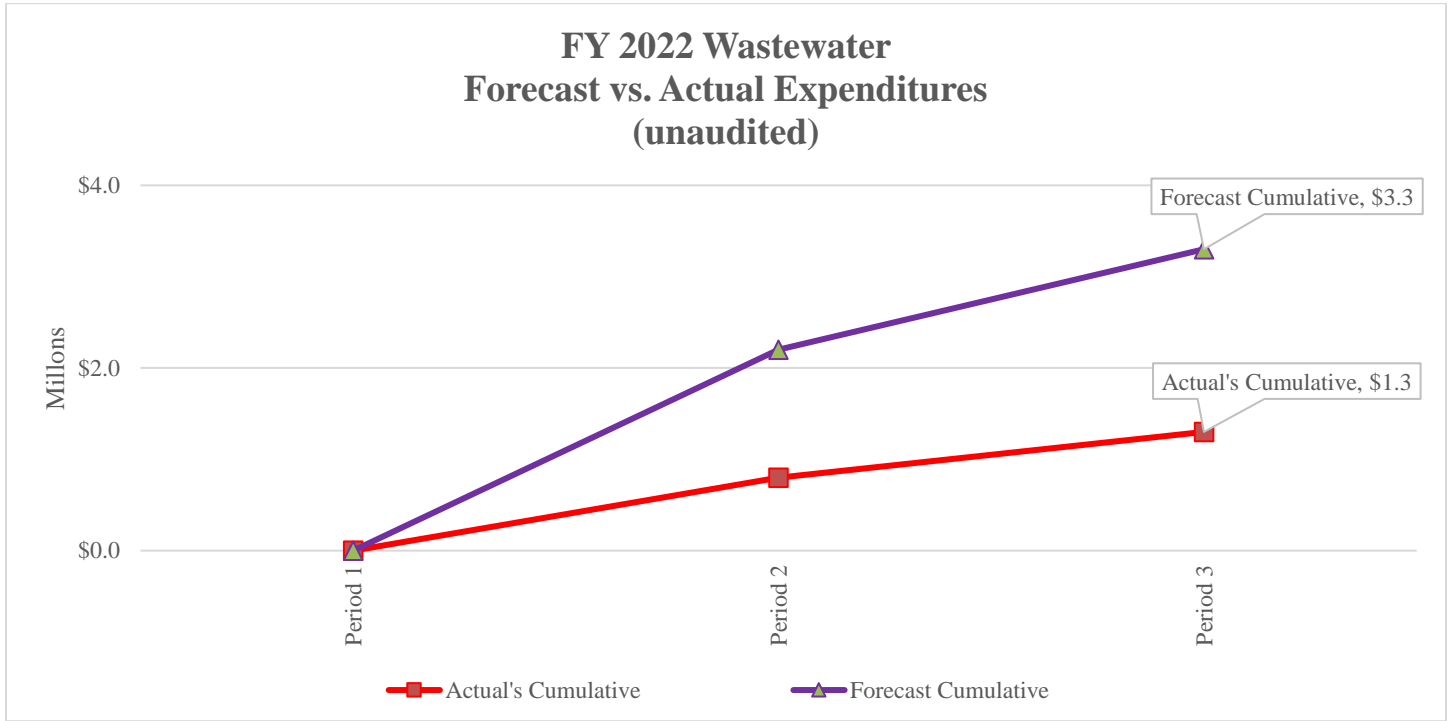
SUBJECT: FY2022 Capital Improvements Projects (CIP) Report – 1st Quarter

The Public Utilities Department hereby submits the FY2022 CIP updates for the period of July 1, 2021 through September 30, 2021.

The report includes the following:

- Forecast versus actual expenditures report
- Projects expenditure updates

FORECAST VERSUS ACTUAL EXPENDITURES UPDATES



WASTEWATER PROJECTS

FY 2022 - 1st Quarter (Financial Data run September 30, 2021)

NOTES:
- Wastewater projects are separated into Muni and Metro

WASTEWATER PROJECTS								Planning/Design/Award Phase			Construction Phase			
WBS	Project Name	Status	Estimated Total Project Cost	Project to Date Expenditures FY22, Pd 3	Encumbrance at FY22, Pd 3	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures /Revised Project Cost)	Start Date	COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance
LARGE SEWER PUMP STATIONS - METRO														
S00312	PS2 Power Reliability & Surge Protection	Construction	\$75,600,800	\$62,391,993	\$9,816,018	\$3,392,789	82.53%	11/1/2010	2/8/2016	9/20/2016	165	8/30/2019	9/23/2022	822
B19050	PS1 and 2 Cooling Tower Replacement	Construction	\$825,400	\$1,165,647	\$33,255	-\$373,502	141.22%	8/15/2018	TBD	12/1/2019		TBD	11/11/2020	
OTHER - METRO														
B20001	STORM WATER DIVERSION AT THE PLWTP	Design	\$5,233,240	\$724,271	\$416,610	\$4,092,358	13.84%	7/26/2019	TBD	12/30/2021		TBD	12/30/2022	
B20002	STORM WATER DIVERSION AT THE SBWRP	Design	\$3,908,100	\$654,425	\$265,922	\$2,987,753	16.75%	8/1/2019	TBD	8/31/2021		TBD	9/30/2022	
B19197	STORM DRAIN DIVERSION AT THE MBC	Design	\$3,481,800	\$819,319	\$77,564	\$2,584,916	23.53%	6/24/2019	TBD	7/30/2021		TBD	3/30/2023	
S00319	EMT&S Boat Dock Esplanade	Bid / Award	\$3,333,000	\$714,107	\$80,735	\$2,538,159	21.43%	4/2/2018	11/30/2012	3/30/2020	1963	6/30/2018	3/28/2022	1003
SEWER TREATMENT PLANTS - METRO														
B18031	Ultraviolet Disinfection System Replacement	Construction	\$4,544,156	\$4,093,234	\$729,467	-\$278,545	90.08%	10/2/2017	TBD	1/8/2019		TBD	7/2/2020	
B16165	MBC Cooling Water System Chiller Upgrade	Post Construction	\$4,405,727	\$4,004,513	\$13,545	\$387,670	90.89%	8/1/2016	TBD	12/19/2018		TBD	7/17/2020	
B20137	PLWTP Scum Injection Concentrators Improvements	Design	\$2,987,400	\$107,359	\$0	\$2,880,041	3.59%	6/9/2020	TBD	9/30/2022		TBD	5/21/2024	
B20121	Metro Biosolids Ctr Gas Detection Syst Replacement	Design	\$3,049,000	\$273,721	\$274,282	\$2,500,998	8.98%	5/1/2020	TBD	4/12/2022		TBD	11/28/2023	
B19066	SBWRP Variable Frequency Drive Repl	Construction	\$955,500	\$271,417	\$485,729	\$198,354	28.41%	9/4/2018	TBD	4/2/2020		TBD	8/17/2021	
B20122	SBWRP Reverse Osmosis System	Design	\$10,700,000	\$168,898	\$0	\$10,531,102	1.58%	5/18/2020	TBD	3/30/2023		TBD	12/31/2024	
B20148	NCWRP - Chiller Replacement	Design	\$1,613,600	\$92,981	\$72,848	\$1,447,772	5.76%	6/15/2020	TBD	9/30/2021		TBD	10/31/2022	

ATTACHMENT 15

METRO TAC WORK PLAN

Metro TAC & JPA Work Plan
Active & Pending Items
January 2021
Updated Items in Red Italics

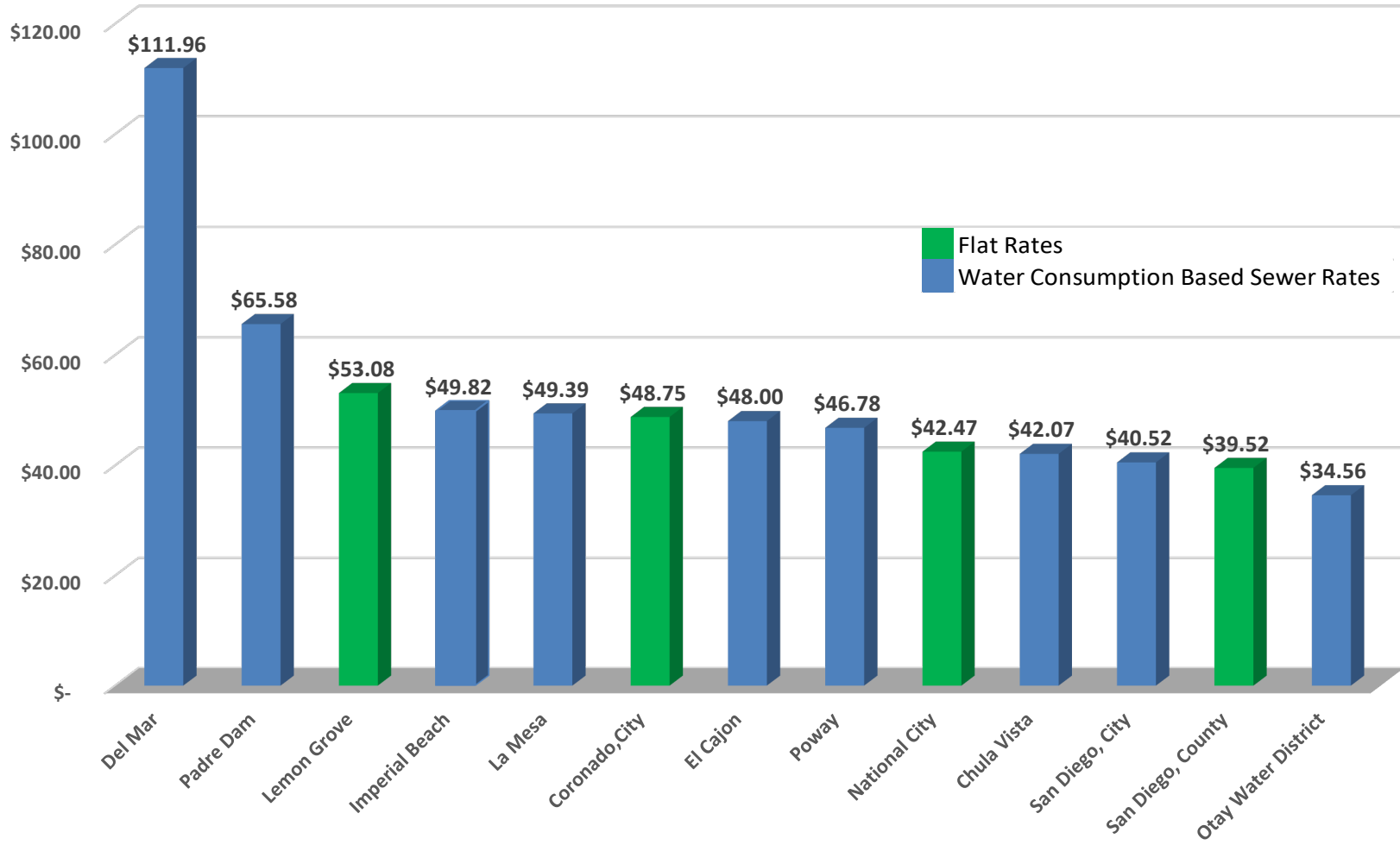
Active Items	Description	Member(s)
SB 332 Working Group	SB 332 (Hertzberg/Weiner) relates to wastewater treatment for recycled water and agencies with ocean outfalls. It requires the entity that owns the wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers (it defines water not wastewater suppliers) to reduce the facilities annual flow as compared to the average annual dry weather wastewater discharge baseline volume as prescribed by at least 50% on or before January 1, 2030 and by at least 95% on or before January 1, 2040. The working group was formed to track the process of this legislation.	<i>Yazmin Arellano Beth Gentry Hamed Hashemian</i>
Muni Transportation Rate Study Working Group	6/19: Working Group has presented an alternative plan which the City is reviewing.	Roberto Yano Yazmin Arellano Dan Brogadir Carmen Kasner Mark Niemiec Dexter Wilson SD staff
Point Loma Permit Ad Hoc	Metro Commission/JPA Ad Hoc established 9/17. GOAL: Create regional water reuse plan so that both a new, local, diversified water supply is created AND maximum offload at Point Loma is achieved to support legislation for permanent acceptance of Point Loma as a smaller advanced primary plant. Minimize ultimate Point Loma treatment costs and most effectively spend ratepayer dollars through successful coordination between water and wastewater agencies. <i>1/21 This group continues to meet as needed.</i>	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Jill Galvez Metro TAC staff & JPA consultants
Phase II Pure Water Facilities Working Group	Created to work with SD staff & consultants on determining Phase II facilities and costs. <i>1/21: Alternatives have been narrowed to two.</i>	Roberto Yano Scott Tulloch Dexter Wilson SD staff & consultants
Phase I Financial Implementation Working Group	This working group was formed to continue to work on Section 2.9.1 and other financial implementations issues in Exhibit F associated with the Amended Restated Agreement. <i>1/21: Group will start meeting once the ARA is fully signed (January 2021) on a regular basis with a goal to complete all tasks by 1/22.</i>	Roberto Yano Karyn Keese Dexter Wilson SD staff & consultants
Phase II Disposal Agreement Working Group	This group was created to negotiate the 2 nd Amended Restated Agreement (ARA2) which will incorporate the completed financial and other items from the first ARA. <i>1/21: Working Group is meeting with SD staff to set up framework for ARA2 process.</i>	Roberto Yano Eric Minicilli Karyn Keese Scott Tulloch Dexter Wilson SD staff & consultants
Industrial Wastewater Control Committee	Formed to work with San Diego on new standards for industrial waste discharge and cost allocation of same. <i>1/21: SD is trying to formalize a pretreatment rate case and has hired a consultant. Monthly updates are presented at TAC.</i>	Beth Gentry Interested JPA members Dexter Wilson SD Staff & Consultants



Metro TAC & JPA Work Plan
Active & Pending Items
January 2021
Updated Items in Red Italics

Active Items	Description	Member(s)
JPA Website Update Working Group	The JPA Website, especially the New Director Manual, has not been updated for several years. <i>1/21: Working group has started revisions and is looking for technical members to assist.</i>	Roberto Yano Karyn Keese Lori Peoples
Exhibit E Audit	<i>1/21: FY2019 Exhibit E audit is in fieldwork stage. JPA team reviewing SD responses to sample questions.</i>	Karen Jassoy Karyn Keese Dexter Wilson
IRWMP	JPA Members should monitor funding opportunities at: http://www.sdirwmp.org <i>1/21: Beth Gentry continues to give monthly TAC updates. Details can be found in minutes of each meeting.</i>	Yazmin Arellano Beth Gentry
Changes in wastewater/water legislation	BBK, Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	BBK JPA members as appropriate

**Sewer Rate Comparison for Metro Participating Agencies
Single Family Monthly Rates Based on 7 HCF of Water Usage
Effective January 1, 2021 for FY 2021**



Metro TAC Participating Agencies Selection Panel Rotation

Agency	Representative	Selection Panel	Date Assigned
County of San Diego	Dan Brogadir	As-Needed Condition Assessment Contract	3/24/2015
Chula Vista	Roberto Yano	Out on Leave	6/10/15
La Mesa	Greg Humora	North City to San Vicente Advanced Water Purification Conveyance System	6/10/15
Poway	Mike Obermiller	Real Property Appraisal, Acquisition, and Relocation Assistance for the Public Utilities Department	11/30/15
El Cajon	Dennis Davies	PURE WATER RFP for Engineering Design Services	12/22/15
Lemon Grove	Mike James	PURE WATER RFP Engineering services to design the North City Water reclamation Plant and Influence conveyance project	03/16/15
National City	Kuna Muthusamy	Passes	04/04/2016
Coronado	Ed Walton	As-Needed Environmental Services - 2 Contracts	04/04/2016
Otay Water District	Bob Kennedy	As Needed Engineering Services Contract 1 & 2	04/11/2016
Del Mar	Eric Minicilli	Pure Water North City Public Art Project	08/05/2016
Padre Dam	Al Lau	Biosolids/Cogeneration Facility solicitation for Pure Water	08/24/2016
County of San Diego	Dan Brogadir	Pure Water North City Public Art Project	08/10/2016
Chula Vista	Roberto Yano	Design Metropolitan Biosolids Center (MBC) Improvements Pure Water Program	9/10/2016
La Mesa	Greg Humora	Design of Metropolitan Biosolids Center (MBC) Improvements	9/22/16
Poway	Mike Obermiller	Electrodialysis Reversal (EDR) System Maintenance	12/7/16
El Cajon	Dennis Davies	As-Needed Construction Management Services for Pure Water	3/13/17
Lemon Grove	Mike James	Morena Pipeline, Morena Pump Station, Pure Water Pipeline and Dechlorination Facility, and the Subaqueous Pipeline	8/7/17
National City	Vacant	North City and Miramar Energy Project Landfill Gas and Generation- Pass	1/31/2018
Coronado	Ed Walton	North City and Miramar Energy Project Landfill Gas and Generation	1/31/2018
Otay Water District	Bob Kennedy	As Needed Engineering Services - Contracts 3 and 4 (H187008 & H187009)	2/16/2018
Del Mar	Joe Bride	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure Water – 1 st email sent on 5/23/18 & 2 nd email sent on 5/29/18	5/23/18
Padre Dam	Al Lau	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure	5/31/18

		Water (Mark Niemiec will participate)	
County of San Diego	Dan Brogadir	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/25/19
Chula Vista	Frank Rivera Beth Gentry	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/26/19
Imperial Beach	Eric Minicilli	RSP Metro Metering	4/22/2020
La Mesa	Hamed Hashemian		
Poway	Eric Heidemann Troy DePriest		
El Cajon	Dennis Davies Yazmin Arellano		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Mark Niemiec Sen Seval		
County of San Diego	Dan Brogadir		
Chula Vista	Frank Rivera		
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County of San Diego	Dan Brogadir		
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