



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, September 19, 2018

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

LOCATION: 9192 Topaz Way, (PUD MOC II Auditorium) – Lunch will be provided

****PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES****

1. Review and Approve MetroTAC Action Minutes for the Meeting of [July 18, 2017](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **REPORT:** Consent Decree Agreement with San Diego Coast-keeper and Coastal Environmental Rights Foundation for Four Wastewater Treatment Facilities. (Rania Amen/Juan Guerreiro) (**Attachment**)
4. **REPORT:** Update from Pure Water Facilities Working Group (Roberto Yano)
5. **REPORT:** Update from Pure Water Cost Allocation Working Group (Scott Tulloch/Dexter Wilson)
6. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Yazmin Arellanos)
7. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
8. Metro Wastewater Update (Standing Item) (Edgar Patino)
9. Pure Water Program Update (Standing Item) (John Helminski)
12. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung) (**Attachment**)
13. Financial Update (Standing Item) (Karyn Keese)
14. IRWMP Update (Standing Item) (Robert Yano)
15. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
16. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**October 4, 2018**)
17. Other Business of Metro TAC

18. Adjournment ([To the next Regular Meeting October 17, 2018](#))

Metro TAC 2018 Meeting Schedule

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

Attachment 1
Action Minutes
for the Meeting of
July 18, 2017



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

ACTION MINUTES

DATE OF MEETING: July 18, 2018

TIME: 11:00 AM

LOCATION: PUD MOC II Auditorium

MEETING ATTENDANCE:

Greg Humora, La Mesa
Frank Rivera, Chula Vista
Ed Walton, Coronado
Joe Bride, Del Mar
Yazmin Arellano, El Cajon
Dennis Davies, El Cajon
Eric Minicilli, Imperial Beach
Hamed Hashemian, City of La Mesa
Dexter Wilson, Lemon Grove
Roberto Yano, National City
Steve Beppler, Otay MWD
Kevin Koeppen, Otay MWD
Karen Jassoy, Padre Dam
Al Lau, Padre Dam
Mark Niemiec, Padre Dam
Rudy Guzman, Poway
Alex Heide, Poway
Dan Brogadir, County of San Diego
Susan Spotts, County of San Diego

John Helminski, City of San Diego
Edgar Patino, City of San Diego
Peggy Marino, City of San Diego

Scott Tulloch, NV5
Carmen Kasner, NV5
Karyn Keese, Keze Group
Lori Anne Peoples, Metro Comm/Metro JPA/MetroTAC
Nicholas Norvell, BBK Law

1. Review and Approve MetroTAC Action Minutes for the Meeting June 20, 2018

ACTION: Motion by Roberto Yano, seconded by Yazmin Arellano to approve the MetroTAC Action Minutes. The motion carried unanimously.

2. Metro Commission/JPA Board Meeting Recap (Standing Item)

Chair Humora stated that a Special JPA meeting will be held tomorrow.

3. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Wastewater JPA Finance Committee and Metro Commission/Metro Wastewater JPA of the FY 2016 Exhibit E Audit

Edgar stated that a refund of approximately \$6 million would be forthcoming. Highlights were a large credit due to the lack of expenses from SDG&E (discrepancies etc. were found for 2016). Their charges will bump back up in 2017. There was also a slight change in debt service with income credits and the So Bay Revenue Sharing included in FY 2015 and 2016. It is anticipated in 2017 we will receive revenue at this point forward. Also they received \$6.8 million in State Revolving Funds and reimbursements. Table B of the attachment has amounts for refunds. 5 of the PA's will get invoices. They anticipate approval after the Finance Committee and JPA and it will take approximately 2 months to send out the checks and invoices (September/October). Work on Fiscal Year 2017 started June 25th.

ACTION: Motion by Dan Brogadir, seconded by Eric Minicilli to recommend approval of the FY 2016 Exhibit E Audit. The motion carried unanimously.

4. REPORT: Update from Pure Water Facilities Working Group

Roberto reported that Phase 1 was at 100% and they will be meeting on July 30, 2018 on Phase 11.

5. REPORT: Update from Pure Water Cost Allocation Working Group

Dexter reported that they plan to keep the meetings going for the next year to try to get a second revision to the Wastewater Agreement.

6. REPORT: Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group

Yazmin stated she had nothing new to report on behalf of the group.

6.5 ACTION: DRAFT – Amended and Restated Regional Wastewater Disposal Agreement Between the City of San Diego and the Participating Agencies in the Metropolitan Sewerage System

The Committee provided a Power Point presentation and a handout containing a spreadsheet comparing the 1998 Agreement with the Amended and Restated Agreement. Chair Humora noted that this is for information only and would be

going to the JPA for final consideration at their August meeting.

Chair Humora covered the purpose of the changes.

Dexter Wilson covered the integration of the Pure Water Program into the Agreement and how to provide a fair split of facility cost between water and wastewater.

Scott Tulloch provided the maximum financial exposure to wastewater customers from the Pure Water Program and the provision of sharing of future water revenues.

Dexter Wilson stated that they are continuing discussion to amend the Regional Wastewater Disposal Agreement to be discussed between the committee and the City of San Diego over the next year.

Nicholaus Norvell provided an overview of the Power Point under the 1998 Agreement vs. the Amended and Restated Agreement. He noted the DRAFT had been sent out to everyone and they met with the City of San Diego this morning. He clarified the Pure Water Program costs will be retroactive to the start of the program. At the beginning they started with 50/50 but it will now be changed to 61/39.

Chair Humora stated that he had sent a draft of his staff report and resolution for everyone to use. They are hoping to get support and send this to the City of San Diego. The Mayor is authorized to sign subject to non substantive changes.

Discussion was held on Exhibit G Changes. The majority consensus was to change Exhibit G columns 4 & 7 to "System Design" and add a footnote for each column to describe the methodology.

ACTION: Motion by Frank Rivera, seconded by Dexter Wilson to recommend approval to the Metro Commission/Metro Wastewater JPA of the DRAFT Amended and Restated Regional Wastewater Disposal Agreement with the recommended changes.. The motion carried with Padre voting no and Coronado and El Cajon abstaining.

7. REPORT: Update from Sample Rejection Protocol Working Group

Edgar stated that he had no report.

8. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Commission/Metro Wastewater JPA of the Pure Water Program – Amendment No. 1 to the Agreement with CH2M Hill Engineers, Inc. for Design Engineering Services for the North City Water Reclamation Plant Expansion and Influent Conveyance Project

Amer Barthoumi provided a brief verbal overview of the staff report and Power Point presentation, which was included in the agenda.

ACTION: Motion by Roberto Yano, seconded by Eric Minicilli to recommend approval to the Metro Commission/Metro Wastewater JPA. The motion carried unanimously.

9. Metro Wastewater Update

No report.

10. Pure Water Program Update

John Helminski provided a brief PowerPoint presentation which he stated he would be presenting to the Metro JPA at their meeting tomorrow. He stated that interviews were held last week for the RFQ for North Cities – they are looking for a public/private partnership for building the additional 60 million megawatts. Five firms submitted and four were interviewed. Part of the RFQ is qualifying 3 firms to move onto the RFP stage. The RFP will be issued late August early September with selection by the end of 2018. They are also working with SDG&E on pump stations since they were 30% (mid year 2017) and updating the pipeline alignments and associated build out Phase 1. They are in the process to hire a design contractor and found a loop hole dating back to the 1900's which provide a business charge. The City has to pay design costs estimated at \$12 million for all relocations and will enter into an agreement to pay partial costs. The estimate of \$12 million and underground utility moves the cost up to an additional \$86 million. They are still holding the working group meetings regarding the alignment of the pipelines and the second series of meetings will be held this week. They anticipate 2 additional go rounds and are focusing on noise impacts etc. The Public Hearing I coming up with the State Water Board Division of Drinking Water on August 14th and 15th and then they will take public input and he expects approval in October. They are working with the Regional Board at the same time. They submitted the permit the end of May and received a letter back that approval was complete. Hearings at Regional Board will be held in February 2019. OPRA II discussions were held with the environmental groups and they are now trying to reach agreement on changes and hope to wrap this up by Friday. Congressman Peters wants to introduce the new legislation prior to the August recess. If changes are made by the environmental folks, he will bring them back to TAC for review.

11. Metro Capital Improvement Program and Funding Sources (Standing item)

The report will be provided next month.

12. Financial Update (Standing Item)

Karen Jassoy noted the Audit is required every 2 years. She then provided a brief verbal overview of the audit. She explained the suggestion to do a true up also of the PA's billing prior to and this was considered a good idea.

ACTION: Motion by Dan Brogadir, seconded by Al Lau, the motion was carried unanimously to perform a true up prior to issuing invoices to the PA's.

13. IRWMP Report (Standing Item)

Roberto Yano stated he had no report.

14. MetroTAC Work Plan (Standing Item)

Chair Humora stated the Work Plan was included in the Agenda and that Karyn had been updating the sewer rates.

15. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (June 5, 2018)

Amendment with proper Exhibit G changes.
Amendment 1 to CH2M Hill contract.
Exhibit E Audit

16. Other Business of Metro TAC

There was none.

17. Adjournment to the next Regular Meeting, August 15, 2018

At 1:00 p.m. the meeting was adjourned.

Attachment 3
Consent Decree
Agreement with San
Diego Coast-keeper
and Coastal
Environmental Rights
Foundation for Four
Wastewater
Treatment Facilities

METRO JPA/TAC
Staff Report
Date: September 10, 2018

Project Title:

Consent Decree Agreement with San Diego Coastkeeper and Coastal Environmental Rights Foundation, Order No. 2014-0057-DWQ Settlement at four wastewater treatment facilities.

Proposed Action:

This presentation is to inform the Metro JPA of the City's intent to request approval from City Council to enter into a Consent Decree Agreement with San Diego Coastkeeper and the Coastal Environmental Rights Foundation (collectively, "Plaintiffs"), to resolve all claims for the alleged violations of the Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharge Associated with Industrial Activities, Order No. 2014-0057-DWQ, at five City facilities. The settlement is the result of negotiations between the Plaintiffs, Public Utilities Department (PUD), Environmental Services Department (ESD), and the City Attorney's Office.

Recommendations:

Support the proposed action.

Metro TAC:	Submitted for informational purposes.	
IROC:		
Prior Actions: (Committee/Commission, Date, Result)	This item was approved in Closed Session on May 22, 2018.	
Fiscal Impact:		
Is this project budgeted?	Yes ____	No X ____
Cost breakdown between Metro & Muni:	Metro: \$208,000.00 Muni: \$0.00	
Fiscal impact to the Metro JPA:	\$68,640.00	

Fiscal Impact by Year – Consent Decree Agreement with San Diego Coastkeeper and Coastal Environmental Rights Foundation

Fiscal Year	Metro Amount per Fiscal Year * (100%)	Funding Duration	JPA Fiscal Impact (33%)
2018	\$128,000.00	Within 45 calendar days from Order issuance, plus 1 st year monitoring fees	\$42,240.00
2019	\$20,000.00	2 nd year monitoring fees	\$6,600.00
2020	\$20,000.00	3 rd year monitoring fees	\$6,600.00
2021	\$20,000.00	4 th year monitoring fees	\$6,600.00
2022	\$20,000.00	5 th year monitoring fees	\$6,600.00
Total	\$ 208,000.00		\$68,640.00

***Metro annual amount reflects the Metro portion (80%) of all fees including the initial settlement agreement fee (\$108,000.00), and annual Plaintiffs' monitoring fees (\$20,000) not to exceed the five years of the agreement. These amounts do not include potential \$1,000 payments for missed reporting deadline as the future dollar amount for this category is unknown.**

Capital Improvement Program:

New Project? Yes X No N/A
 Existing Project? Yes No X Upgrade/addition Change

Previous TAC/JPA Action: None.

Additional/Future Action:

Pending City Council approval.

City Council Action: Consideration by the full City Council.

Background:

The Public Utilities Department and Environmental Services Department will be presenting to City Council for approval of a Resolution authorizing the Mayor, or his designee, to enter into a Consent Decree Agreement with the San Diego Coastkeeper and the Coastal Environmental Rights Foundation, to resolve all claims for the alleged violations of the National Pollutant Discharge Elimination System General Permit for Storm Water Discharge Associated with Industrial Activities, Order No. 2014-0057-DWQ, by the Miramar Landfill, Metro Biosolids Center, North City Water Reclamation Plant, South Bay Water Reclamation Plant, and Point Loma Wastewater Treatment Plant and to pay the following amounts as more fully set for the in the settlement agreement and contingent upon the Federal District Court of Southern California issuing an Order approving the settlement agreement: (i) \$100,000 for Plaintiffs' fees and costs; (ii) \$35,000 to fund environmental project activities that will reduce or mitigate the impacts of storm water pollution from industrial activities in the Southern California Bight and its tributaries (Environmental Project); (iii) monitoring fees capped at up to \$25,000

per year during the settlement term, not to exceed five years; and (iv) stipulated payments of \$1,000 for each missed reporting deadline for the feasibility analyses or Action Plans during the settlement term, in settlement of all of Plaintiffs' claimed violations relating to Order No. 2014-0057-DWQ. The Metro fund will cover 80% of the costs and the Refuse Disposal Enterprise Fund will cover the other 20%.

Discussion:

The Miramar Landfill, Metro Biosolids Center, North City Water Reclamation Plant, South Bay Water Reclamation Plant and Point Loma Wastewater Treatment Plant (City Facilities) are industrial facilities that must comply with the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Industrial Activities, Order No. 2014-0057-DWQ.

In early 2017, San Diego Coastkeeper and the Coastal Environmental Rights Foundation alleged violations of Order No. 2014-0057-DWQ at the City Facilities. City staff and the City Attorney's Office subsequently negotiated a proposed settlement to resolve the matter. In settlement of all of Plaintiffs' claimed violations relating to Order No. 2014-0057-DWQ, the settlement agreement includes the following payments: (i) \$100,000 for Plaintiffs' fees and costs; (ii) \$35,000 to fund environmental project activities that will reduce or mitigate the impacts of storm water pollution from industrial activities in the Southern California Bight and its tributaries (Environmental Project); (iii) monitoring fees capped at up to \$25,000 per year during the five-year settlement term; and (iv) stipulated payments of \$1,000 for each missed reporting deadline for the feasibility analyses or Action Plans during the settlement term.

Payment of the above amounts as fully set forth in the settlement agreement are contingent upon the Federal District Court of Southern California's issuance of an Order approving the settlement agreement. Based upon a mandatory 60-day noticing period and a 45-day federal agency review period of the proposed settlement, the Federal District Court will likely consider the settlement agreement in October 2018.

To comply with the water quality objectives identified in the Consent Decree, structural BMP's are likely. Although these BMP's are currently under evaluation, current high level estimated structural BMP construction costs for all four PUD facilities range from \$5,100,000 to \$7,900,000, with the Metro JPA's portion ranging from \$1,683,000 - \$2,607,000 (see Attachment 1 for a full cost estimate breakdown).

Bid Results: N/A

ESTIMATED STRUCTURAL BMP CONSTRUCTION COSTS FOR PUD FACILITIES

Facility	Estimated Structural BMP Construction Costs (Treatment) ¹	Estimated Structural BMP Construction Costs (Diversion)
PLWTP	\$800,000 - \$1,100,000	\$2,004,000 ²
SBWRP	\$1,100,000 - \$1,700,000	\$1,292,000 ²
MBC	\$1,700,000 - \$2,800,000	\$2,475,000 ³
NCWRP	\$1,500,000 - \$2,300,000	\$1,923,667 ⁴
Metro Total	\$5,100,000 - \$7,900,000	\$7,694,667
JPA (33%)	\$1,683,000 - \$2,607,000	\$2,539,240.00

¹ The cost estimates for onsite treatment of storm water were provided by Geosyntec.

² The cost estimates for flow diversion to the Headworks at PLWTP and SBWRP were provided by Carollo.

³ The cost estimates for flow diversion at MBC was provided by PUD.

⁴ Feasibility Study for the NCWRP is in progress.

Attachment 12

Metro Capital Improvement Program and Funding Sources



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: August 15, 2018

TO: Metro Technical Advisory Committee (Metro TAC)

FROM: Surraya Rashid, Deputy Director, Public Utilities Department

SUBJECT: FY2018 Capital Improvements Projects (CIP) Report – 4th Quarter

The Public Utilities Department hereby submits the FY2018 CIP updates for the period of April 1, 2018 through June 30, 2018.

The report includes the following:

- Projects highlights
- Forecast versus actual expenditures report
- Projects expenditure updates

Project Highlights

Project	Total Project Cost	Highlight
MOC Complex Solar Project	\$ 2.6 M	Construction



Figure 1: MOC 4 Parking Lot

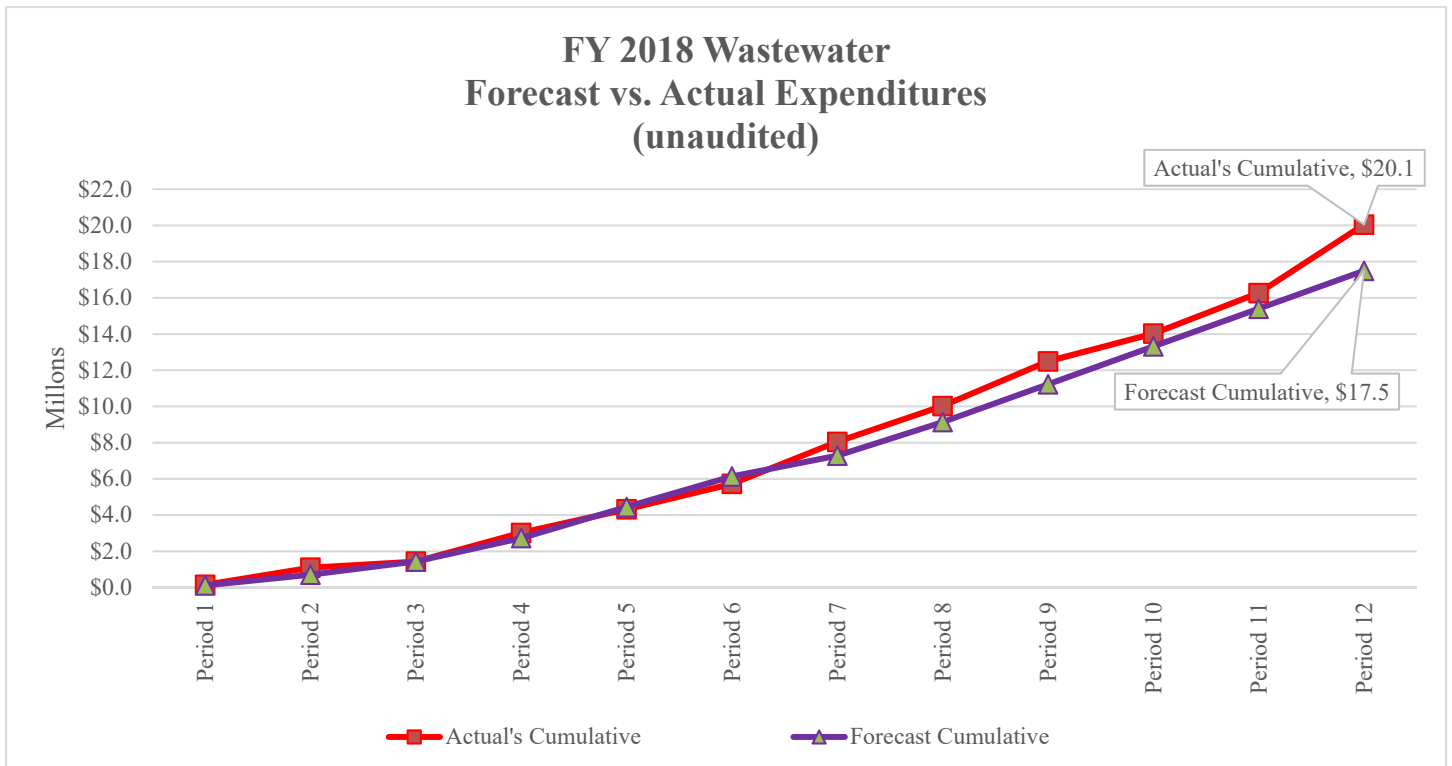


Figure 2: Close up

This project will install 439.9 kW solar photovoltaic systems that will cover approximately 214,625 square feet of parking lots at the Metropolitan Operations Complex (MOC) to provide renewable energy to the complex buildings.

The notice to proceed for construction was issued May 26, 2017 and the end of construction is estimated to be October 2018.

FORECAST VERSUS ACTUAL EXPENDITURES UPDATES



WASTEWATER PROJECTS
COST OF SERVICE STUDY (COSS) vs ACTUALS
FY 2018 - 4th Quarter (Financial Data run July 24, 2018)

NOTES:
- COSS Estimates use July 1, 2015 P6 Data Date
- 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	Encumbrance at FY18, Pd 12	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	\$72,100,800	\$14,452,788	\$8,250,520	\$49,397,492	20.05%	11/1/2010	2/8/2016	8/15/2016	139	8/30/2019	11/30/2021	604
	OTHER - METRO													
S00314	Wet Weather Storage Facility - Live Stream Discharge (D/B)	Planning	\$5,000,000	\$134,806	\$14,130	\$4,851,064	2.70%	1/3/2011	3/7/2016	TBD		1/24/2018	TBD	
S00319	EMT&S Boat Dock & Steam Line Relocation	Design	\$2,304,000	\$97,850	\$0	\$2,206,150	4.25%	11/23/2011	11/30/2012	TBD		6/30/2018	10/6/2019	340
	SEWER TREATMENT PLANTS - METRO													
B18031	Ultraviolet Disinfection System Replace	Design	\$4,520,000	\$152,182	\$286,791			10/2/2017	TBD	1/29/2019		TBD	4/22/2020	
B16165	MBC Cooling Water System Chiller Upgrade	Design	\$3,771,000	\$448,337	\$107,021	\$3,215,642	11.89%	8/1/2016	TBD	1/16/2019		TBD	6/12/2020	
S00339	MBC DEWTRING CNTRFGS RPLMT (SA)JO#141590	Construction	\$12,122,443	\$10,131,761	\$1,289,709	\$700,973	83.58%	7/1/2011	3/21/2012	3/21/2012	0	4/12/2016	3/1/2019	772
S00310	SBWRP DEMINERALIZATION	Construction	\$5,973,695	\$5,368,209	\$13,272	\$592,214	89.86%	8/1/2012	11/30/2012	11/30/2012	0	9/17/2015	10/1/2018	814
B16132	SBWRP Valve Mstr Sta & Loop Control Sys	Construction	\$3,320,800	\$966,067	\$941,906	\$1,412,827	29.09%	4/3/2017	TBD	9/11/2017		TBD	1/30/2019	
	TRUNK SEWERS - METRO													
B11025	ROSE CANYON TS (RCTS) JOINT REPAIR	Construction	\$9,284,394	\$1,560,954	\$3,659,086	\$4,064,354	16.81%	5/1/2013	1/20/2016	8/5/2016	145	3/30/2017	8/21/2020	909
	OTHER - MUNI/METRO													
S14000	I AM San Diego Project (Metro)	Implementation	\$7,841,449	\$19,416,029	\$409,331	-\$11,983,911	247.61%	2/1/2014	2/1/2014	TBD	TBD	TBD	12/31/2018	43465
S14022	MOC Complex Solar Project	Construction	\$2,615,770	\$202,923	\$661,915	\$1,750,932	7.76%	8/1/2014	9/1/2015	10/29/2015	43	9/2/2016	5/1/2019	712

Attachment 15

MetroTAC Work Plan

**Metro TAC Work Plan
Active & Pending Items
June 2018**
Updated Items in Red Italics

Active Items	Description	Member(s)
Muni Transportation Rate Study Working Group	San Diego has hired Carollo Engineers to review the existing transportation rate structure. A work group has been formed to review and give input. First meeting will be in December 2017. Although this is a muni issue it is included on the work plan due to its significance and potential effect on all Metro TAC members. 3/18: Technical consultants to meet with PUD staff and Carollo on 3/22/18 to review model in detail 6/18: JPA technical consultants continue to work with PUD staff on understanding rate calculations	Roberto Yano Dan Brogadir Erin Bullers Mark Niemiec Yazmin Arellano Dexter Wilson Karyn Keese Carmen Kasner SD staff
Point Loma Permit Ad Hoc TAC	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. 10/17: Group has met several times. Discussions are ongoing. 3/18: Group continues to meet at least monthly. 6/18: Group continues to meet monthly. Outreach subgroup formed.	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Steve Padilla Metro TAC staff & JPA consultants
Pure Water EIR Comment Ad Hoc Sub Committee	Created at September 2017 Metro TAC meeting. Purpose to provide technical review of the Pure Water Program EIR and provide draft comments for Metro TAC/JPA review. 10/17: Dexter Wilson & Carmen Kasner reviewed their comments w/Metro TAC. They will forward comments to Chair Humora & he will forward to San Diego. 3/18: Comments submitted to EIR staff. Response from San Diego does not address all issues. Technical consultants and Ad Hoc working with City staff on issues. 6/18: One lawsuit filed by La Jolla Planning Group against the EIR. San Diego extends JPA tolling agreement for 60 days.	Roberto Yano Dexter Wilson Carmen Kasner Lisa Coburn-Boyd Paula de Sousa Mills
Pure Water Facilities Working Group	This subcommittee was formed by Metro TAC and is a technical group of engineers and supporting financial staff to work with San Diego staff and consultants on cost allocations for proposed Pure Water facilities. This group meets at least monthly. Current projects include North City and MBC expansions. First meeting was 3/24/17. Roberto Yano is the chair. 5/17: Group continues to meet monthly with PUD and PWP consultants. Reviewed and accepted cost allocation for MBC. 7/17: Facilities WG has submitted their comments to the City of SD on the 30% design of the North City Expansion Project. They are working cooperatively with PUD staff and consultants in the review of the design and their comments. 9/17: Positive progress, reviewed Construction package 1 and 3 and provided comments 10/17: Continued work w/SD on cost allocation of major PWP facilities. Projected draft cost allocation document in November/December 2017. 3/18: Working group have reviewed all four construction design packages and has turned in comments & questions to PUD staff. Work on cost allocation continues. 6/18: Continued review of designs & questions.	Yazmin Arellano Dan Brogadir Steve Beppler Al Lau Scott Tulloch Dexter Wilson Roberto Yano SD staff & consultants

**Metro TAC Work Plan
Active & Pending Items
June 2018**
Updated Items in Red Italics

Active Items	Description	Member(s)
Sample Rejection Protocol Working Group	7/16: The sample rejection protocol from the B&C 2013 report has been under discussion between PUD staff and Metro TAC. A working group was formed to deal with this highly technical issue and prepare draft recommendations on any changes to current sampling procedures. The existing protocol is to be used through FY17. If changes are approved to the protocol they will be implemented in FY18. 1/17: Work group continues to meet monthly. 6/17: Working Group has complete their review. Three work items to be brought forward at June Metro TAC and during the next fiscal year quarter: 1) Edgar Patino will write memo to support decisions of working group. 2) PUD financial staff to provide workshop for PAs during next fiscal year quarter to go over strength based billing and how to understand sampling data and quarterly billings. Training session to be videotaped and uploaded to the JPA website 3) Dexter Wilson to provide draft protocol on how to read and validate quarterly billings. March 2018: PUD staff has prepared the draft memo and has distributed it to the working group 6/18: Memo presented to TAC and accepted as Protocol #3. Only remaining task is SBB training session.	Dennis Davies Dan Brogadir Al Lau Dexter Wilson Erin Bullers SD staff
PLWTP Permit Ad Hoc Working Group	1/17: Greg Humora and Scott Tulloch continue to meet with stakeholders. . Milestones are included in each month Metro TAC and Commission agenda packet.	Greg Humora Scott Tulloch SD staff & consultants Enviro members
Flow Commitment Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to review the Flow Commitment section of the Regional Agreement and make recommendations on the fiscal responsibilities of members who might withdraw their flow from the Metro System. The Work Group held their first meeting June 24, 2016. Yazmin Arellano chairs the work group. 1/17: Work group continues to meet monthly. 4/17: Group has prepared draft RFP to hire engineering consultant to update Pt. Loma capacities. 7/17: Working Group is waiting for additional data from PUD staff and is finalizing the scope and selection of a consultant for the Pt. Loma Cost Capacity Study 10/17: Metro System Sewage Generated Flow projections worksheet handed out. Copy attached. 3/18: Working group continues to meet monthly; presentation made at March Metro TAC meeting. Agencies to review draft capacity numbers and provide comments by April Metro TAC meeting. 6/18: New capacity numbers developed and incorporated into draft Amendment.	Yazmin Arellano Roberto Yano Erin Bullers Eric Minicilli Al Lau Dexter Wilson Karyn Keese SD staff

**Metro TAC Work Plan
Active & Pending Items
June 2018**
Updated Items in Red Italics

Active Items	Description	Member(s)
Secondary Equivalency	5/14: Definition of secondary equivalency for Point Loma agreed to be enviros 12/14: Cooperative agreement signed between San Diego and enviros to work together to pass legislation for secondary equivalency (until 8/1/19) San Diego indicated that passage of Federal legislation is not possible under the current political environment. San Diego is exploring options for State legislation 9/15: Letter received from EPA endorsing modified permit for Point Loma 6/16: Pursuit of Federal Legislation will be held off until after the November 2016 election. City of San Diego to consult with DC lobbyists on 2/4/17 6/17: Mayor Faulconer to meet with EPA Washington re: proceeding with Admin Fix. JPA to send letter stating that they do not support Admin Fix and request pursuit of permanent legislation instead. 10/17: SD is pursuing both Admin Fix and Secondary Equivalency legislation in Washington; Ad Hoc to monitor efforts. Updates to be provided by SD staff/consultants at each Metro Commission meeting.	Greg Humora Scott Tulloch
Pure Water Program Cost Allocation Working Group	A working group was formed to discuss Pure Water program cost allocation policies. 9/16: Concepts to be refined by Metro TAC and San Diego staff for presentation to Commission 1/17: 4/17: This group is currently being supported on a technical level by the Pure Water Facilities Subcommittee. 7/17: Working group is reviewing full PWP components list with PUD staff. 3/18: Cost allocation continues. Phase I cost allocation to be set based on outcome of bids for 13 PWP construction packages due to be bid in the fall of 2018. 6/18: Award of blanket contract approval by San Diego City Council moved to 10/2/18.	Greg Humora Scott Tulloch Roberto Yano Karyn Keese SD staff & consultants
Pure Water Program Cost Allocation Metro TAC Working Group	5/14: Draft facility plan and cost allocation table provided to Metro TAC working group 3/15: Draft cost allocation presentation provided to Metro TAC	Greg Humora Scott Tulloch Rick Hopkins Roberto Yano Al Lau Bob Kennedy Karyn Keese
Exhibit E Audit	6/16: FY 2013 audit accepted by Metro Commission; 9/16: FYE 2014 audit accepted by Metro Commission. FYE 2015 audit report to be issued by end of 2016 and then all audits will be caught up. 1/17: FYE 2015 to be issued in February 2017. FYE 2016 fieldwork is underway with anticipated draft 7/17. 3/17: FYE 2015 audit report issued. Acceptance pending resolution of PWP cost allocation for cost incurred in that fiscal year. 5/17: FYE 2015 audit to move forward as requested costs have been received. FYE 2016 audit field work complete. 6/17: FYE 2015 audit accepted by JPA with assurances that once the PWP cost allocation is complete and approved by all parties that incurred costs will be adjusted as necessary to approved split of shared costs between water and wastewater. FYE 2016 audit field work complete. Completion anticipated in October 2017. 10/17: FYE 2017 Exhibit E Audit has begun. 3/18: FYE 2016 audit completion date moved to 4/18. FYE 2017 preliminary draft number prior to fieldwork is showing an increase from \$65 million PA share to \$70 million. 6/18: Exhibit E 2016 audit completion projected to be 7/18.	Karyn Keese Karen Jassoy

**Metro TAC Work Plan
Active & Pending Items
June 2018**
Updated Items in Red Italics

Active Items	Description	Member(s)
Amend Regional Wastewater Disposal Agreement	The addition of Pure Water facilities and costs will likely require the amendment of the 1998 Regional Wastewater Disposal Agreement. The Padre Dam billing errors have led to a need to either amend the Agreement and/or develop administrative protocols to help resolve potential future billing errors. After Pure Water cost allocation had been agreed to this effort will begin.	Greg Humora Roberto Yano Dan Brogadir Karyn Keese Paula de Sousa Mills
Debt Allocation Working Group	3/18: Working group has been preparing an MOU and draft Amendment to the Regional Disposal Agreement to incorporate cost allocation "deal points" into a formal document. Draft MOU and Agreement has been reviewed by Ad Hoc and will go to Metro TAC at their March meeting. 6/18: Draft amendment is still under negotiation with San Diego staff. 5/14/18 version presented to Metro TAC and JPA/Commission.	Greg Humora Roberto Yano Scott Tulloch Dexter Wilson Karyn Keese Paula de Sousa Mills Nicholas Norvell
IRWMP	8/15 RAC minutes included in August Metro TAC agenda. Padre Dam received a \$6 million grant for their project. 9/16: June 2, 2016 and August 3, 2016 minutes presented to Metro TAC. 12/16: Roberto Yano and Yazmin Arellano appointed to IRWMP. 5/17: Roberto Yano providing monthly updates as well as grant funding opportunities 6/17: Robert Yano urged Metro TAC members to visit the IRWMP website to keep on top of funding opportunities: http://www.sdirwmp.org ; Yazmin to attend June meeting. 10/17: Roberto Yano requested comments from TAC on storm water presentation to be provided to IRWMP 10/17: Yazmin gave update on Prop 1 and other funding sources. Members should monitor funding opportunities at: http://www.sdirwmp.org	Roberto Yano Yazmin Arellano
Strength Based Billing Evaluation	San Diego will hire a consultant every three years to audit the Metro metered system to insure against billing errors.	Al Lau Dan Brogadir Karyn Keese
Changes in water legislation	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	Paula de Sousa Mills

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 Water (Mark Niemiec will participate)	5/31/18
County of San Diego	Dan Brogadir		

Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
La Mesa	Greg Humora		
Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Al Lau		
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Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		

Sewer Rate Comparison for Metro Participating Agencies
Single Family Monthly Rates Based on 7 HCF of Water Usage
Effective July 1, 2018 for FY 2019

