



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, January 16, 2019

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 [November 21, 2018](#) (**Attachment forthcoming**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **INFORMATION ONLY:** Phase II Design Flows and Loads (Victor Occiano and Doug Owen)
4. **REPORT:** Update from Residuals Management Working Group (Scott Tulloch/Dexter Wilson)
5. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
6. Metro Wastewater Update (Standing Item) (Edgar Patino)
7. Pure Water Program Update (Standing Item) (John Helminski)
8. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
9. Financial Update (Standing Item) (Karyn Keese)
10. IRWMP Update (Standing Item) (Yazmin Arellano)
11. MetroTAC Work Plan (Standing Item) (Roberto Yano) (**Attachment**)
12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**February 7, 2019**)
13. Other Business of Metro TAC
14. Adjournment ([To the next Regular Meeting February 20, 2019](#))

Metro TAC 2019 Meeting Schedule

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

**Attachment 1
Action Minutes
of
November 21, 2018
Forthcoming**

Attachment 12
Metro TAC
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

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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

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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

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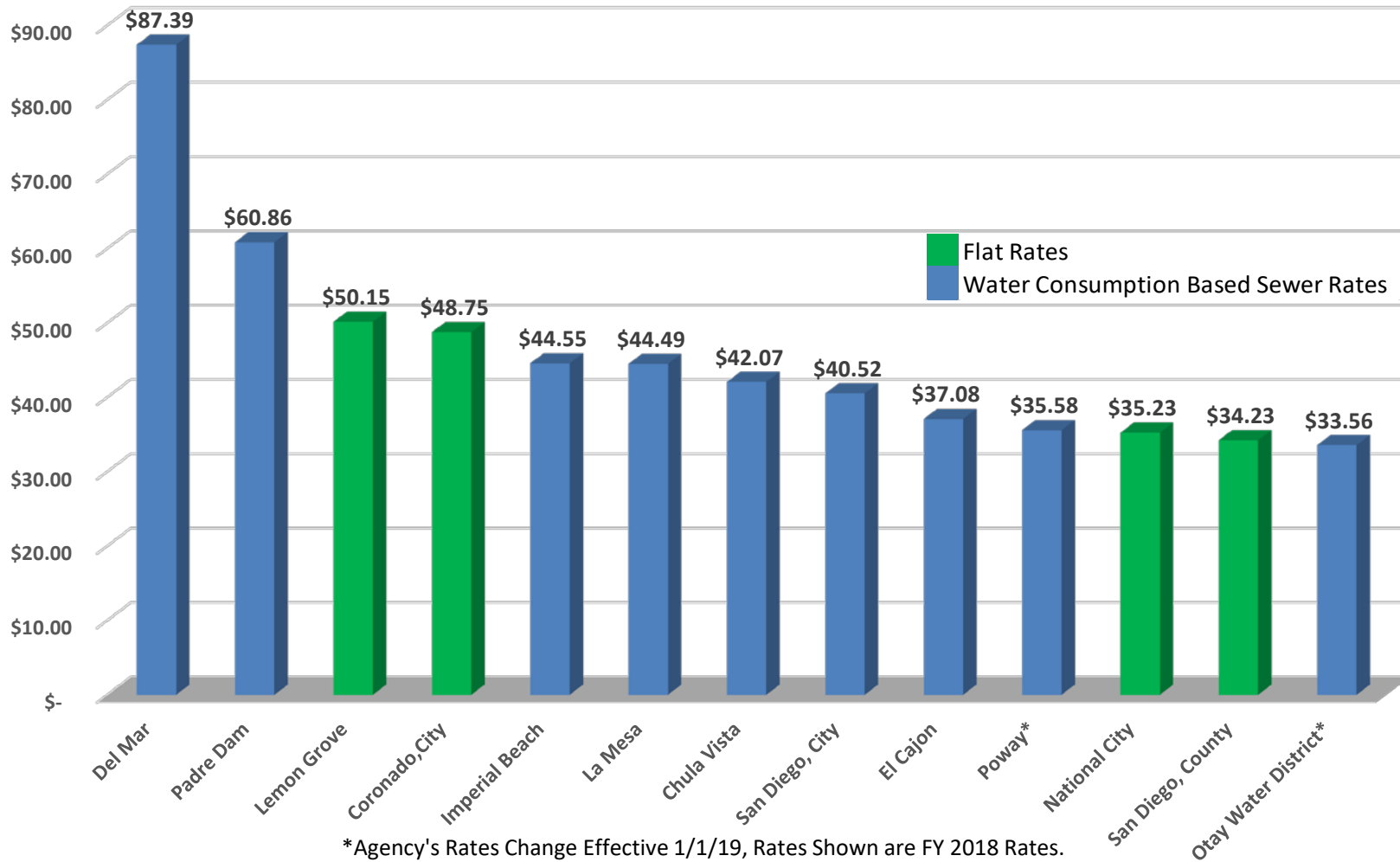
Active Items	Description	Member(s)
Amend Regional Wastewater Disposal Agreement	The addition of Pure Water facilities and costs will likely require the amendment of the 1998 Regional Wastewater Disposal Agreement. The Padre Dam billing errors have led to a need to either amend the Agreement and/or develop 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		
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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



*Agency's Rates Change Effective 1/1/19, Rates Shown are FY 2018 Rates.