



**METRO TAC AGENDA**  
**(Technical Advisory Committee to Metro JPA)**

**TO:** Metro TAC Representatives and Metro Commissioners

**DATE:** Wednesday, October 18, 2017

**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\****

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1. Review and Approve MetroTAC Action Minutes for the Meeting of [September 20, 2016](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Yazmin Arellanos)
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 Pure Water Project EIR Subcommittee
7. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
8. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Meeting Calendar for 2018 (Greg Humora) (**Attachment**)
9. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of an As-Needed Construction Manager for Pure Water Treatment Plant and Facilities Projects (John Helminski) (**Attachment**)
10. Metro Wastewater Update (Standing Item) (Edgar Patino)
11. Pure Water Program Update (Standing Item) (John Helminski)
12. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung) (
13. Financial Update (Standing Item) (Karyn Keese)
14. IRWMP Update (Standing Item) (Robert Yano)
15. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
16. Point Loma Permit Renewal (Standing Item) (Greg Humora)

17. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**November 2, 2017**)
18. Other Business of Metro TAC
19. Adjournment ([To the next Regular Meeting November 15, 2017](#))

**Metro TAC 2017 Meeting Schedule**

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

Attachment 1  
Action Minutes  
of September  
20, 2017

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

**ACTION MINUTES**

**DATE OF MEETING:** May 17, 2017  
**TIME:** 11:00 AM  
**LOCATION:** MOC II Auditorium

**MEETING ATTENDANCE:**

Greg Humora, La Mesa  
Robert Yano, Chula Vista  
Ed Walton, Coronado  
Joe Bride, Del Mar  
Yazmin Arellano, El Cajon  
Dennis Davies, El Cajon  
Eric Minicilli, Imperial Beach  
Erin Bullers, La Mesa  
Mike James, Lemon Grove  
Dexter Wilson, Lemon Grove  
Kuna Muthusamy, National City  
Steve Beepler, Otay MWD  
Mark Niemiec, Otay MWD  
Mike Obermiller, Poway  
Dan Brogadir, County of San Diego

Seth Gates, City of San Diego  
Lee Ann Jones-Santos, City of San Diego  
Amer Barhoumi, City of San Diego  
Juan Guerreiro, City of San Diego  
Peggy Merino, City of San Diego  
Abi Palaseyed, City of San Diego  
Edgar Patino, City of San Diego  
Tung Phung, City of San Diego  
Albert Sohikish, City of San Diego

Scott Tulloch, NV5  
Carmen Kasner, NV5  
Karyn Keese, Keze Group  
Lori Anne Peoples, Metro Comm/Metro JPA/MetroTAC  
Jerry Jones, Metro JPA/Lemon Grove

**1. Review and Approve MetroTAC Action Minutes for the Meeting May 17, 2017**

Dexter Wilson of Lemon Grove provided a correction to the minutes as did Ed Walton of Coronado (attached as Exhibits A and B to these minutes). Motion by Roberto Yano to approve the Minutes as corrected, seconded by Mike James, the minutes were approved unanimously.

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

MetroTAC Chair Humora noted that on September 7<sup>th</sup>, the Metro JPA heard an update provided by the City of San Diego on secondary Equivalency. The Mayor's

Director of Government Relations, Patrick Bouteller, provided a recap of his trip with the Mayor to Washington DC where they plan to attempt to amend legislation as well as obtain an administrative fix. The JPA created a Pure Water Ad Hoc Committee of Chair Jones, Vice Chair Peasley, Commissioners Baber, Padilla and Spriggs as well as staff support to oversee the City actions.

**3. PRESENTATION:**

Stephanie Gaines, County of San Diego Program Coordinator, Watershed Protection Program provided a brief verbal and Power Point presentation (attached as Exhibit C to these minutes) on the action the County has taken on the development of capture and reuse of stormwater for the region.

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

Yazmin Arellano stated that the group had not met and therefore did not have a report.

**5. REPORT: Update from Pure Water Facilities Working Group**

Working Group Chair Yano reported that they were meeting with the City of San Diego and making positive progress. They were currently reviewing construction packages.

**6. REPORT: Update from Pure Water Cost Allocation Working Group**

Roberto Yano stated that there were 7 representatives in the group, 4 from the City of San Diego and 3 from the TAC. They have worked through most of the cost sharing principals and hope to have results to share in the next few months. The big item is "Savings Allocation", is pure water less than imported, both groups that contribute capital should share in the savings. Their attention now is on engineering task orders and they will start reviewing and devise a process on how to split the costs based on contributed capital.

**7. REPORT: Update from Social Media Working Group**

Chair Humora stated this item could be removed from future agendas as no additional action was anticipated at this time.

**8. REPORT: Update from Sample Rejection Protocol Working Group**

Edgar Patino stated the next steps were to provide a summary and training.

**9. ACTION: Nomination and Selection of MetroTAC Vice Chair**

Chair Humora stated that due to increased work load, Vice Chair Al Lau had resigned his position along with Dennis Davies and thus a new Vice Chair was needed.

Motion by Eric Minicilli seconded by Dennis Davies to nominate Roberto Yano as Vice Chair. The motion was carried with Roberto Yano abstaining.

**10. ACTION: Consideration and Possible Action to Form and Appoint Members to a Pure Water EIR Comment Ad Hoc Sub Committee**

Chair Humora stated that the EIR for Public Works has been issued and the draft was out for the public comment period with a due date of November 11. The Metro JPA has requested the MetroTAC participate and he asked for volunteers to serve on the Ad Hoc Sub Committee.

Volunteers were Steve Beepler, Mike James, Roberto Yano and Dennis Davies.

Item 11 was heard after Item 14

**11. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of the South Bay Water Reclamation Plant (SBWRP) Loop Control System & Valve Master Station Improvements**

Albert Sohikish, City of San Diego, stated the SBWRP loop control system had 15 years of continual operation and had reached its service life. Approximately 78 need replacement and the City will be switching brands and splitting the loop for better control.

Motion Eric Minicilli, seconded by Kuna Muthusamy, to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

**12. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Contract with California Water Technologies to Provide Ferrous Chloride as may be needed for Wastewater Facilities in the Public Utilities Department**

Juan Guerreiro, City of San Diego, provided a brief overview of the report.

Motion by Eric Minicilli, seconded by Ed Walton to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

**13. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Contract with Polydyne, Inc., to Provide Mannich Polymer as may be needed for Wastewater Facilities in the Public Utilities Department**

Juan Guerreiro, City of San Diego, provided a brief verbal overview of the report.

Motion by Dennis Davies, seconded by Ed Walton, to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

**14. ACTION: Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Construction Contract to Repair Defective Pipe Joint Liner on the Rose Canyon Trunk Sewer**

Abi Palaseyed, City of San Diego, provided a verbal overview of the report.

Motion by Mike Obermiller, seconded by Roberto Yano, to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

Item 11 was heard here.

**15. Metro Wastewater Update (Standing Item)**

Edgar Patino stated that as a reminder, if anyone needed a meter removed for cleaning, to contact either Hana or himself for removal and reinstallation. Also, notify him is diverting flow temporarily or permanently so they can keep track. Lastly, Edgar announced that Halla was leaving on October 13 and the acting Director will be Vic Vianes. They should have a permanent Director in a couple of months.

**16. Pure Water Program Update (Standing Item)**

John Helminski was not present and no report presented.

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

Tung Phung, City of San Diego, provided a verbal overview of his staff report and noted that two of their projects had been nominated and won Project of the Year and Honorable Awards.

**18. Financial Update (Standing Item)**

Karyn Keese stated they were 4 minor issues away from completion of the FY2016 audit and had started the FY2017 on Friday. She is working with Lee Ann on true ups and audit schedules and would like to have what prior years unaudited looked like in January so agencies have heads up and are able to collect money prior to having to pay it.

**19. IRWMP Report (Standing Item)**

Roberto Yano stated that they received the same Stormwater Power Point

presentation heard by TAC today from Stephanie Gaines of the County of San Diego. He also noted that he will be out of town at the time of the next meeting so his Alternate, Yazmin, will attend and be reporting out.

**20. MetroTAC Work Plan (Standing Item)**

Karyn stated she will update the Work Plan to include the Facilities Working Group and others and have it reviewed prior to distribution. She requested the TAC members review the rate schedule Otay has provided.

**21. Pt. Loma Permit Renewal (Standing Item)**

MetroTAC Chair Humora stated the final permit had been issued.

**22. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (October 5, 2017)**

The Stormwater Capture presentation along with items 11, 12, 13 and 14 will be sent forward.

**23. Other Business of Metro TAC**

Kuna Muthusamy stated today would be his last day with the City of National City as he had accepted a position with the City of Vista.

**24. Adjournment to the next Regular Meeting, October 18, 2017**

At 12:25 p.m. the meeting was adjourned.



Attachment 8

Meeting  
Calendar  
2018

**Metro Commission/Metro Wastewater JPA  
and  
MetroTAC Committee**

**2018 Meeting Schedules**

<b>METRO COMM/METROJPA</b>		<b>METRO TAC</b>	
<b>1<sup>st</sup> Thursday of the month</b>		<b>3<sup>rd</sup> Wednesday of the month</b>	
November 3, 2017	12:00 – 1:00	November 16, 2017	11:00 – 1:30
December 1, 2017	12:00 – 1:00	December 21, 2017	11:00 – 1:30
January 4, 2018 (if needed)	12:00 – 1:00	January 17, 2018	11:00 – 1:30
February 1, 2018	12:00 – 1:00	February 21, 2018	11:00 – 1:30
March 1, 2018	12:00 – 1:00	March 21, 2018 <sup>7</sup>	11:00 – 1:30
April 5, 2018	12:00 – 1:00	April 18, 2018	11:00 – 1:30
May 3, 2018	12:00 – 1:00	May 16, 2018	11:00 – 1:30
June 7, 2018	12:00 – 1:00 (SANDIST meeting immediately following)	June 20, 2018	11:00 – 1:30
July 5, 2018	12:00 – 1:00	July 18, 2018	11:00 – 1:30
August 2, 2018	12:00 – 1:00	August 15, 2018	11:00 – 1:30
September 6, 2018	12:00 – 1:00	September 19, 2018	11:00 – 1:30
October 4, 2018	12:00 – 1:00	October 17, 2018	11:00 – 1:30
November 1, 2018	12:00 – 1:00	November 21, 2018	11:00 – 1:30
December 6, 2018	12:00 – 1:00	December 19, 2018	11:00 – 1:30
January 3, 2019	12:00 – 1:00	January 16, 2019	11:00 – 1:30

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Meetings are held at  
MWWD PUD II Auditorium, 9192 Topaz Way, SD, CA 92023  
(unless otherwise noted on the agenda)

Attachment 9  
As-Needed  
Construction  
Manager for  
Pure Water  
Treatment Plant  
& Facilities  
Projects

**METRO JPA/TAC****Staff Report**

Date:

**Project Title:**

As-Needed Construction Manager for Pure Water Treatment Plant and Facilities Projects

**Requested Action:**

Approve the As-Needed Construction Management services agreement between the City of San Diego and Parsons/Black & Veatch Joint Venture for Pure Water Phase 1 – Treatment Plant and Facilities Projects.

**Recommendations:**

Approve the contract request.

Metro TAC:

N/A

IROC:

N/A

Prior Actions:  
(Committee/Commission,  
Date, Result)

N/A

**Fiscal Impact:**Is this projected budgeted? Yes X No     Cost breakdown between  
Metro & Muni:

Total contract is not to exceed \$75,000,000. Since it is an as-needed contract the water/wastewater breakdown is TBD. Based on current estimates the breakdown is 73% (\$55 million) water, 27% (\$20 million) wastewater.

Fiscal impact to the Metro  
JPA:

TBD, it is an as-needed contract. Roughly estimated at \$24 million.

**Capital Improvement Program:**New Project? Yes      No      N/A XExisting Project? Yes      No X Upgrade/addition      Change     **Previous TAC/JPA Action:**

N/A

**Additional/Future Action:**

Metro JPA presentation planned for December 07, 2017.

Environment Committee planned for December 07, 2017.

**City Council Action:**

City Council approval of the proposed agreement is anticipated in January, 2018.

**Background:** *Provide background information on the need for the project*

See discussion below.

**Discussion:** *Provide information on decisions made to advance the project*

San Diego's imported water supplies face increasing stresses from a variety of sources. As a result, the region's supplies are becoming less reliable and more expensive. These circumstances, and the threat limitation on San Diego's water supplies, have intensified the need for new sources of water. Pure Water San Diego is the City of San Diego's (City) 20-year program to provide a safe, secure and sustainable local drinking water supply for San Diego. Recycled water will be turned into drinkable water through the use of water purification technology. Further, Pure Water's system-wide reuse will significantly reduce flows to the Point Loma Wastewater Treatment Plant and will make San Diego more water independent. On April 29, 2014, City Council adopted Resolution Number R-308906 supporting the Pure Water Program.

While City employees have the expertise to perform some of the construction management services, the nature of the work is highly complex and of great magnitude; also the project includes components that are beyond in-house expertise. It is important to have a construction management team with the expertise and knowledge of working on similar facilities, who have the expertise to understand multi-discipline engineering functions, and can handle a large workload.

This construction management contract will be for the Pure Water Phase 1 treatment and energy facilities. These include the North City Reclamation Plant Expansion, North City Pure Water Facility and North City Pure Water Pump Station, North City Metro Biosolids Center (MBC) Improvements, Miramar Water Treatment Plant Improvements, and the North City Renewable Energy project. Construction Management (CM) services will include general CM support services such as project controls and contract compliance, preconstruction services such as constructability reviews, and CM field services such as inspection, start-up/commissioning, and cost estimating support. It will be an as-needed contract, whereby work will be authorized on a task order basis.

The City advertised the Contract and issued a Request for Proposals on June 7, 2017. Two (2) firms responded to the advertisement and both were interviewed on September 25, 2017. Parsons/Black & Veatch Joint Venture was selected as most qualified. Task orders for this contract will be issued on an as-needed basis and managed by Public Works Construction Management and Field Services and Public Utilities staff.

This contract will be for five (5) years and will cover construction management services for the Pure Water Phase 1 – Treatment Plant and Facilities projects. The total contract amount shall not exceed \$75,000,000. This is one (1) of two (2) as-needed construction management contracts being secured for the Pure Water program; the second one is for conveyance projects, which will be approved under a separate action.

**Project Schedule:** The table below presents the anticipated schedule.

Activity	Date
Metro JPA/ Metro Commission	12/07/2017
Environmental Committee	12/07/2017
City Council Approval	January 2018

**Bid Results:** *If bidding was done provide bidding format and results*  
Not Applicable.

Public Utilities Department  
Pure Water Division

# As-Needed Construction Manager – Treatment Plant and Facilities Projects Agreement with Parsons / Black & Veatch Joint Venture

John Helminski, Assistant Director, Public Utilities

Presentation to Metro TAC Committee  
October 18, 2017



# Agreement Purpose

Provide Construction Management Services Pure Water Phase 1 Treatment Projects

- NC Water Reclamation Plant Expansion
- NC Pure Water Facility
- Pure Water Pump Station
- To be constructed on same site as the NCPWF
- NC Metro Biosolids Center (MBC) Improvements
- Miramar Water Treatment Plant Improvements
- NC Renewable Energy



# Key Scope Elements

## General CM Services:

- CM Plan Development
- Safety Management
- Project Controls
- Contract Compliance

## Preconstruction CM Services:

- Constructability Reviews

## Project Specific CM Services:

- Field and Special Inspections
- Environmental Compliance Assistance
- Testing/Start-up/Commissioning Services
- Contract Closeout
- Cost Estimating Support
- Public Outreach





# Parsons/Black & Veatch Qualifications

- Recent construction management of similar-size capital programs
- Breadth of water and wastewater construction management experience
- Extensive water and wastewater treatment design experience
- Experience with City of San Diego – Water CIP Program Manager (1997-2005)

# Selection Process and Contract Terms

- June 2017, Request for Proposal (RFP) advertised
- Two teams submitted proposals, both teams interviewed
- Parsons / Black and Veatch Joint Venture was selected as the most qualified team
- Total not-to-exceed contract amount: \$75,000,000
- Contract duration: 5 years
- Work to be authorized on a task-order basis
- Requested action: Recommend approval of this contract



# Projected Expenditures

Total Treatment CM Contract Not-To-Exceed: \$75M  
Wastewater Treatment % of Total Treatment Cost: ~26.7%  
Wastewater Portion of Treatment CM Contract: ~\$20M

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
\$1,480,000	\$3,781,000	\$8,422,000	\$5,330,000	\$1,040,000

Based on current project schedules, these are the projected expenditures per Fiscal Year

# Project Schedule

Activity	Date
Metro TAC	October 18, 2017
Metro JPA/Metro Commission	November 02, 2017
Environment Committee	December 07, 2017
City Council Approval	January 2018
Notice to Proceed	February 2018

# Q&A



# Attachment 15

## MetroTAC

## Work Plan

**Metro TAC Work Plan  
Active & Pending Items  
October 2017  
*Updated Items in Red Italics***

Active Items	Description	Member(s)
<i>Point Loma Permit Ad Hoc TAC</i>	<i>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.</i>	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Steve Padilla Metro TAC staff & JPA consultants
<i>Pure Water EIR Comment Ad Hoc Sub Committee</i>	<i>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.</i>	Steve Beppler Mike James Metro JPA consultants
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 <i>10/17: Continued work w/SD on cost allocation of major PWP facilities. Projected draft document in November/December 2017.</i>	Yazmin Arellano Dan Brogadir Steve Beppler Al Lau Scott Tulloch Dexter Wilson Roberto Yano SD staff & consultants
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.	Dennis Davies Dan Brogadir Al Lau Dexter Wilson 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

**Metro TAC Work Plan  
Active & Pending Items  
October 2017**  
*Updated Items in Red Italics*

Active Items	Description	Member(s)
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	Yazmin Arellano Roberto Yano Eric Minicilli Al Lau SD staff Karyn Keese
Social Media Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to research and provide input on the creation of policies and procedures for Metro JPA social media. Mike Obermiller will chair this work group. He sent out an email to all Metro TAC members requesting copies of their agency's policies. 9/16: A draft policy has been approved by Metro TAC and will be presented to the Commission in October by Alexander Heide. 1/17: Draft policy and consultants contracts to be reviewed by Finance Committee in April 2017. 5/17: Finance Committee reviewed budget and requested scope/fee from NV5 for monitoring only 6/17: Alex Heide to research monitoring software and bring back report to next Finance Committee Meeting. Language included in NV5 2018 contract to provide social media support services but they will not proceed with task unless approved by JPA	Mike Obermiller Alexander Heide
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. <i>10/17: SD is pursuing both Admin Fix and Secondary Equivalency legislation in Washington; Ad Hoc to monitor efforts.</i>	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.	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



**Metro TAC Work Plan  
Active & Pending Items  
October 2017**  
*Updated Items in Red Italics*

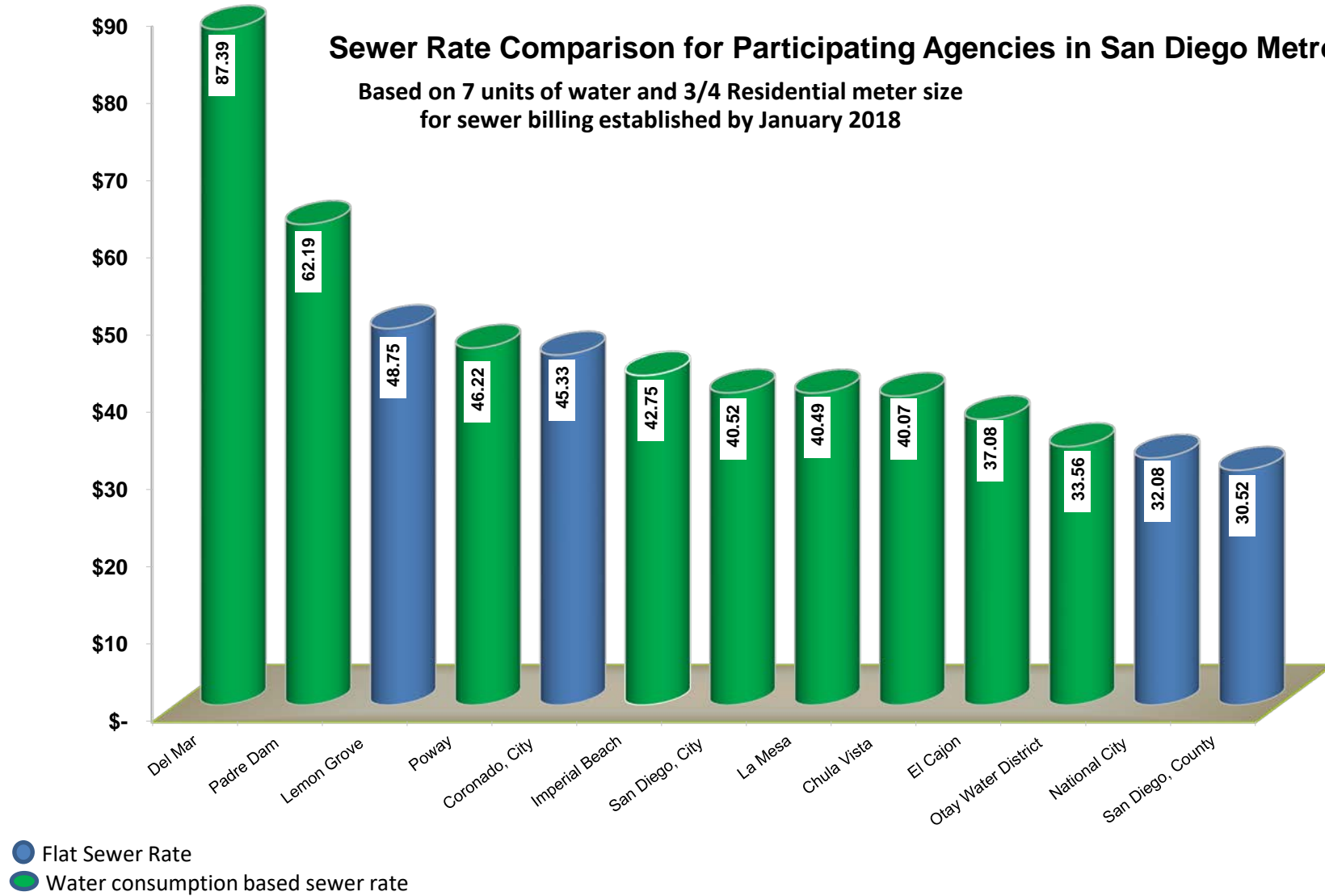
Active Items	Description	Member(s)
Exhibit E Audit	6/16: FY 2013 audit accepted by Metro Commission; 9/16: FYE 2014 audit accepted by Metro Commission. FYE 2015 audit report to be issued by end of 2016 and then all audits will be caught up. 1/17: FYE 2015 to be issued in February 2017. FYE 2016 fieldwork 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. <i>10/17: FYE 2017 Exhibit E Audit has begun.</i>	Karyn Keese Karen Jassoy
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 Paula de Sousa Mills Karyn Keese
Management of Non-Disposables in Wastewater	9/13: Eric Minicilli handed out a position paper prepared by the NEWEA. 6/15 Chairman Humora provided attached from SCAP. 2/16: Chairman Humora distributed Robbins Geller Rudman & Dowd memorandum.	Eric Minicilli
2015/16 Transportation Rate Update	5/14: Metro TAC approved 2014 transportation rate w/caveat that PUD staff hires a consultant to review/revise methodology for 2015.	Al Lau Dan Brogadir Karyn Keese
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: <a href="http://www.sdirwmp.org">http://www.sdirwmp.org</a> ; Yazmin to attend June meeting. <i>10/17: Roberto Yano requested comments from TAC on storm water presentation to be provided to IRWMP</i>	Roberto Yano Yazmin Arellano
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of pharmaceutical collection events within the region sponsored by law enforcement.	Greg Humora
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
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy.	Eric Minicilli

**Metro TAC Work Plan  
Active & Pending Items  
October 2017**  
*Updated Items in Red Italics*

Active Items	Description	Member(s)
Point Loma Modified NPDES Permit	1/15: Permit was submitted. EPA has begun their review. 11/16 first possible date at the Regional Board for consideration. 12/16: First hearing of Permit Application held at San Diego Regional Board. 4/17: Regional Board hearing on accelerated PWP facilities timeline 4/12/17. 5/17: Coastal Commission hearing 5/10/17. 6/17: Coastal Commission approved modified permit application. EPA to issue permit within the next few months. <i>10/17: Permit issued</i>	Greg Humora Scott Tulloch 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
Border Region	Impacts of sewer treatment and disposal along the international border should be monitored and reported to the Board. These issues would directly affect the South Bay plants on both sides of the border.	New Board Members to be Appointed

## Sewer Rate Comparison for Participating Agencies in San Diego Metro System

Based on 7 units of water and 3/4 Residential meter size  
for sewer billing established by January 2018



# Metro TAC Participating Agencies Selection Panel Rotation

Agency	Representative	Selection Panel	Date Assigned
Padre Dam	Neal Brown	IRWMP – Props 50 & 84 Funds	2006
El Cajon	Dennis Davies	Old Rose Canyon Trunk Sewer Relocation	9/12/2007
La Mesa	Greg Humora	As-Needed Piping and Mechanical	11/2007
National City	Joe Smith	MBC Additional Storage Silos	02/2008
Otay Water District	Rod Posada	As-Needed Biological Services 2009-2011	02/2008
Poway	Tom Howard	Feasibility Study for Bond Offerings	02/2008
County of San Diego	Dan Brogadir	Strategic Business Plan Updates	02/2008
Coronado	Scott Huth	Strategic Business Plan Updates	09/2008
Coronado	Scott Huth	As-needed Financial, HR, Training	09/2008
PBS&J	Karyn Keese	As-needed Financial, Alternate HR, Training	09/2008
Otay Water District	Rod Posada	Interviews for Bulkhead Project at the PLWTP	01/2009
Del Mar	David Scherer	Biosolids Project	2009
Padre Dam	Neal Brown	Regional Advisory Committee	09/2009
County of San Diego	Dan Brogadir	Large Dia. Pipeline Inspection/Assessment	10/2009
Chula Vista	Roberto Yano	Sewer Flow Monitoring Renewal Contract	12/2009
La Mesa	Greg Humora	Sewer Flow Monitoring Renewal Contract	12/2009
Poway	Tom Howard	Fire Alarm Panels Contract	12/2009
El Cajon	Dennis Davies	MBC Water System Improvements D/B	01/2010
Lemon Grove	Patrick Lund	RFP for Inventory Training	07/2010
National City	Joe Smith	Design/Build water replacement project	11/2010
Coronado	Scott Huth	Wastewater Plan update	01/2010
Otay Water District	Bob Kennedy	RFP Design of MBC Odor Control Upgrade/Wastewater Plan Update	02/2011
Del Mar	Eric Minicilli	Declined PS 2 Project	05/2011
Padre Dam	Al Lau	PS 2 Project	05/2011
County of San Diego	Dan Brogadir	RFP for As-Needed Biological Services Co.	05/2011
Chula Vista	Roberto Yano	North City Cogeneration Facility Expansion	07/2011
La Mesa	Greg Humora	confined space RFP selection panel	10/2011
Poway	Tom Howard	COSS's for both Water and WW	10/2011
El Cajon	Dennis Davies	Independent Accountant Financial Review & Analysis – All Funds	01/2012

Lemon Grove	Mike James	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
National City	Joe Smith	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Coronado	Godby, Kim	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Otay Water District	Bob Kennedy	MBC Dewatering Centrifuges Replacement (Accepted)/Strategic Planning Rep	01/2012
Del Mar	Eric Minicilli	New As Need Engineering Contract	02/2012
Padre Dam	Al Lau	PA Rep. for RFQ for As Needed Design Build Services (Passed)	05/2012
County of San Diego	Dan Brogadir	PA Rep. for RFQ for As Needed Design Build Services (Cancelled project)	05/2012
Chula Vista	Roberto Yano	As-Needed Condition Assessment Contract (Accepted)	06/2012
La Mesa	Greg Humora	New programmatic wastewater facilities condition (Awaiting Response)	11/2012
Poway	Tom Howard	Optimization Review Study	01/2013
El Cajon	Dennis Davies	PUD 2015 Annual Strategic Plan	1/15/14
Lemon Grove	Mike James	As-Needed Engineering Services (Passed)	7/25/14
National City	Kuna Muthusamy	As-Needed Engineering Services	7/25/14
Coronado	Ed Walton	Strategic Planning	01/2014
Otay Water District	Bob Kennedy	Strategic Planning (Volunteered, participated last year)	01/2014
Del Mar	Eric Minicilli	Pure Water Program Manager Services	9/1/14
Padre Dam	Al Lau	Pure Water Program Manager Services	9/1/14
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

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