



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners
DATE: Wednesday, November 18, 2015
TIME: 11:00 a.m. to 1:30 p.m.
LOCATION: MWWD, 9192 Topaz Way, (MOC II Auditorium) – Lunch will be provided

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

1. **ACTION:** Review and Approve MetroTAC Action Minutes for the Meeting of [October 21, 2015](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **ACTION:** Consideration and Possible Action to Approve the 2016 MetroTAC Meeting Calendar (**Attachment**)
4. **REPORT:** Report on El Nino Preparations at Wastewater Facilities
5. **UPDATE:** Billing Update Regarding the Brown & Caldwell Report/Recommendations (Edgar Patino)
6. **UPDATE:** MBC Odor Control Facilities Upgrades (Manny da Rosa)
7. Metro Wastewater Update (Standing Item)
8. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
9. Financial Update (Standing Item) (Karyn Keese)
10. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
11. Point Loma Permit Renewal (Standing Item) (Greg Humora) (**Attachment**)
12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**December 3, 2015 if needed**)
13. Other Business of Metro TAC
14. Adjournment ([To the next Regular Meeting, December 16, 2015](#))

Metro TAC 2015 Meeting Schedule

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

Item 1

Draft Minutes of October 15, 2015



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

ACTION MINUTES

DATE OF MEETING: October 21, 2015

TIME: 11:00 AM

LOCATION: PUD – MOC II Main Conference Room

MEETING ATTENDANCE:

Greg Humora, La Mesa
Dennis Davies, El Cajon
Roberto Yano, Chula Vista
Dan Brogadir, County of San Diego
Chris Helmer, Imperial Beach
Tim Gabrielson, Lemon Grove
Kuna Muthusamy, National City
Rita Bell, Otay WD
Steve Beppler, Otay WD
Mark Niemiec, Padre Dam
Mike Obermiller, Poway

Terry Zaragoza, Poway
Alex Heide, Poway
John Helminski, City of San Diego
Seth Gates, City of San Diego
Edgar Patino, City of San Diego
Margaret Quach, City of San Diego
Peggy Merino, City of San Diego
Christi Dadachanji, City of San Diego
Tung Phung City of San Diego
Karyn Keese, The Keze Group

1. Review and Approve Metro TAC Action Minutes for the Meeting of August 19, 2015

Rita Bell requested that a change be made to Page 2, second paragraph, third line of the minutes. The change should be (in bold italics): “They feel that they should not have to pay for the debt service associated with the ***whole distribution system...***” On a motion made by Mike Obermiller, seconded by Vice Chair Davies the minutes were unanimously approved subject to the change requested by Rita Bell.

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

Chairman Humora reported that the Metro Commission did not meet in October. At their September meeting they approved the contracts with JCI Chemical Inc. and Hawthorne Power Systems. They also passed a motion supporting the zone recycled rate with Poway and Lemon Grove voting no and heard a Point Loma permit renewal update.

3. ACTION: Consideration and Possible Action to Approve Installation of Emergency Backup Generators at Pump Station 2 (PS2)

Chris Dadachanji reviewed the need for this project. Construction of the project to provide backup generators in case of power outages at all major facilities will be completed in December 2015. PS2 was not included in this project as the pumps are reaching the end of their useful life and are planned to be replaced and backup installed in another project, “PS2 Power Reliability and Surge Protection”

which will not be completed until the 2019. PUD staff is concerned that if there is a major power outage that PS2 will spill into the San Diego Bay. There are 8 pumps at PS2 – 6 on the electrical grid and 2 gas driven. This project is to provide backup to the 6 electric pumps. Staff analyzed renting pumps versus buying them and renting would be more expensive. After the 2019 project is completed these backup generators would be moved to North City or Point Loma and thus would not become stranded assets. On a motion by Mike Obermiller, seconded by Dan Brogadir, the Metro TAC unanimously approved this project and moving it forward to the Metro JPA/Commission for their review and potential approval.

4. Metro Wastewater Update (Standing Item)

There was no update this month.

5. Metro Capital Improvement Program and Funding Sources (Standing Item).

The year-end CIP summary was presented on a line item basis by Tung Phung (copy included as Attachment A to these minutes). This summary is through June 30, 2015 and the completion dates will be updated for the next quarterly summary.

6. Financial Update

Several Items are currently under review in the FYE 2014 Exhibit E Audit. Chemical charges for the East Mission Bay Interceptor will be transferred from Muni to Metro as the interceptor is a Metro Asset. A reconciliation of Pure Water Program project costs is underway to assign the costs to Metro and Water. It is hoped that FYE 13 and 14 will be completed by the end of the year.

7. Metro TAC Work Plan (Standing Item)

The work plan has been revised to separate the completed portions of ongoing projects from current work items to help the reader focus on current issues and progress.

8. Point Loma Permit Renewal

Chairman Humora discussed the recent letter received from EPA (Copy included as Attachment B to these minutes). Although it does not approve the Administrative Fix it is a very encouraging letter and discusses support for the current waiver application and the Pure Water Program. Due to the climate in Washington San Diego and their lobbyists are going to concentrate their efforts on gaining support for assurances that Point Loma will not be required to be upgraded to Secondary on a State level and will be working with the Governor, State legislature, the Regional Board, and the Coastal Commission.

9. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (November 5, 2015)

Chairman Humora recommended Item 3 be moved forward to the Metro

Commission for their review and potential approval. Item 5 will be presented as an informational item.

10. Other Business of Metro TAC

There was no other business of the Metro TAC.

11. Adjournment (To the next Regular Meeting, November 18, 2015)

Attachment A

Item 5 Metro TAC Report
FY15Qtr4_090415



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: October 15, 2015

TO: Metro Technical Advisory Committee (Metro TAC)

FROM: Rania Amen, Deputy Director, Public Utilities Department

SUBJECT: FY2015 Capital Improvement Projects (CIP) – Year-End Report

The Public Utilities Department hereby submits the FY2015 CIP year-end report.

This report includes project highlights, forecast and actual expenditures, and project change orders.

CIP PROJECT HIGHLIGHTS

South Bay Water Reclamation Plant Demineralization

This project proposes to relocate two trailer mounted Electrodialysis Reversal (EDR) units from North City Water Reclamation Plant (NCWRP) to South Bay Water Reclamation Plant (SBWRP).

This new demineralization facility at SBWRP will enable the plant to control regulated levels of chloride and maintain the TDS level below 1000 mg/L. The project scope includes the addition/modifications of civil, mechanical, electrical, chemical, and control system integration at SBWRP to accommodate the EDR trailer units. In addition, modification of mechanical, electrical, instrumentation & control systems will be required with the removal of the EDR units at NCWRP.

The design-build delivery method is being used for this project. Construction began in December 2014 and is estimated to be completed in early 2016. The estimated total project cost is \$5.97 million.



New feed water piping and concrete bases for vertical turbine pumps

Backup Generators at Sewer Pump Stations, Treatment Plant & EMTS

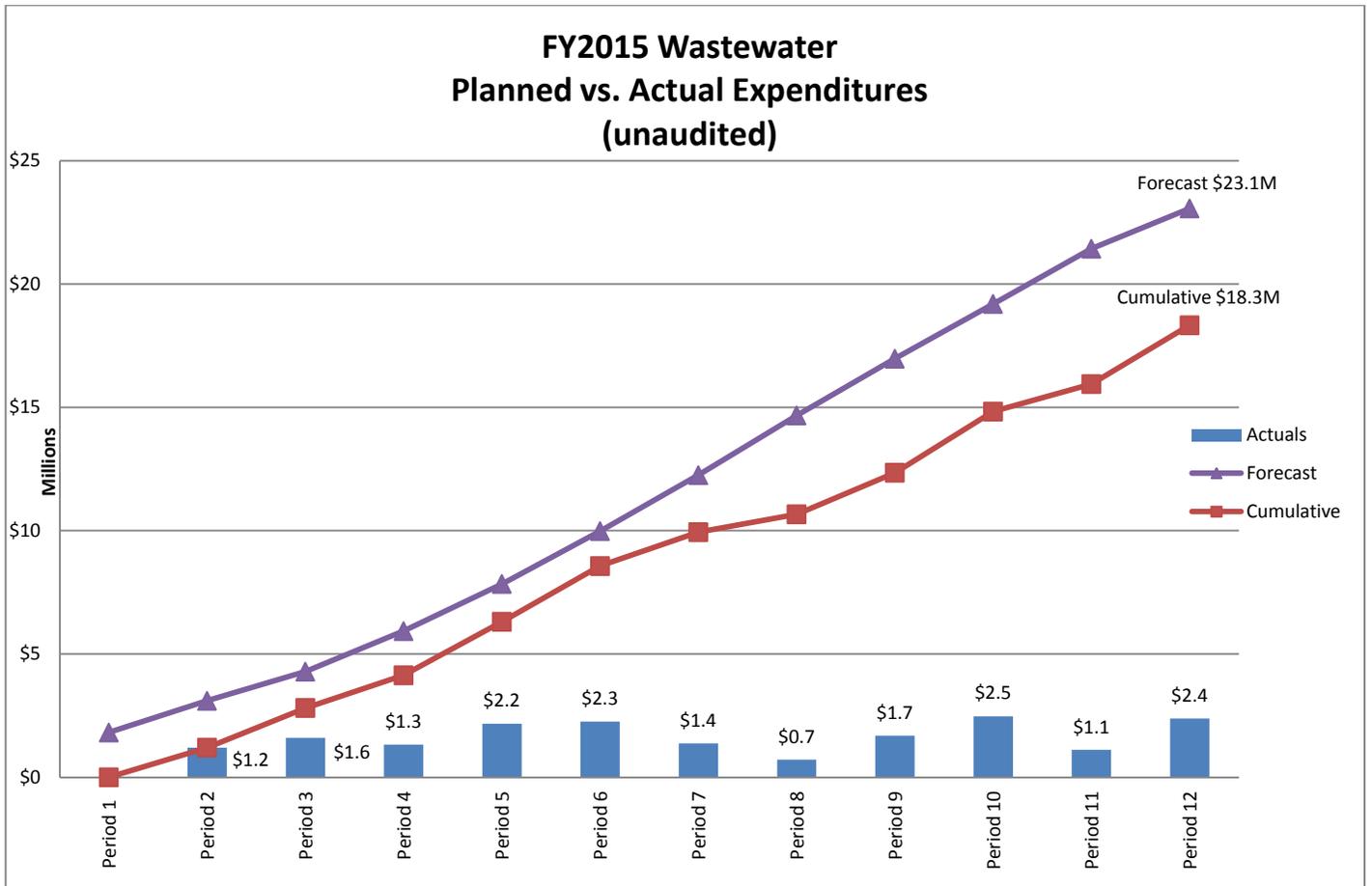
This project will purchase seven generators and provide a design-build contract to install the generators and associated equipment for a permanent power connection to existing sewer Pump Stations 1, 64, 65, Penasquitos, North City Reclamation Plant, and the Environmental Monitoring Technical Services (EMTS) laboratory.

The design-build delivery method is being used for this project. Construction began in July 2014 and is anticipated to be completed by December 2015. The estimated total project cost is \$17.75 million.



Diesel fuel tank for one of the existing generators at Sewer Pump Station No.1

WASTEWATER PROJECT UPDATES



FY15 REPORT - FOURTH QUARTER - WASTEWATER PROJECTS

SCHEDULE OF COST OF SERVICES STUDY (COSS) VS ACTUALS

As of June 30, 2015

(Financial data was run on August 10 and may not be final)

NOTES:

- Projects are listed from highest to lowest revised project cost per asset type
- Metro wastewater projects only
- All post construction/completed projects are listed at the end of the schedule
- TBD are projects that are being implemented but have not yet established a baseline

* FY12 baseline being replaced with Cost of Service Study (COSS) amount

Projects with \$1 mil or more in estimated project cost change (increase/decrease)

Projects six or more months behind schedule in design/construction phases

Projects on the radar

COSS = Cost of Service Study

BO/BU = Beneficial Occupancy/Beneficial Use (aka Substantial Completion)

Variance = difference between COSS BO/BU and ECP BO/BU in working days

A = Actual Milestone

WASTEWATER PROJECTS										Planning/Design/Award Phase			Construction Phase		
Funded Program	Project Name	Status	COSS Estimated Total Project Cost	Revised Project Cost	Project to Date Expenditures (thru FY15, Period 12)	Encumbrances at FY15 Period 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures / Revised Proj 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	Design	\$31,200,000	\$43,100,000	\$2,259,555	\$599,070	\$40,241,375	5.2%	11/1/10 A	3/18/2015	2/8/2016	240	5/12/2017	8/30/2019	616
S00309	* NCWRP Sludge Pump Station Upgrade	Construction	\$636,294	\$636,294	\$416,250	\$0	\$220,044	65.4%	4/1/10 A	1/27/2012	1/27/2012	0	6/5/2013	3/17/2016	745
OTHER - METRO															
S00319	EMT&S Boat Dock & Steam Line Relocation	Design	\$2,018,535	\$2,018,535	\$73,171	\$17,203	\$1,928,161	3.6%	7/1/2011 A	5/30/2014	10/30/2014	112	12/23/2015	6/30/2016	139
S00314	* Wet Weather Storage Facility	Planning	\$7,272,127	TBD	\$2,357,156	\$20,730			TBD	3/7/2016	TBD		1/24/2018	TBD	
SEWER TREATMENT PLANTS - METRO															
S00315	* Point Loma Grit Processing Improvements	Construction	\$32,922,630	\$37,095,037	\$33,739,708	\$1,071,057	\$2,284,273	91.0%	1/18/00 A	9/30/2010	9/30/2010	0	12/17/2013	8/17/2015	446
S00339	* MBC Dewatering Centrifuges Replacement	Construction	\$12,000,000	\$12,122,443	\$4,435,979	\$6,251,942	\$1,434,522	36.6%	7/1/11 A	3/21/2012	3/21/2012	0	1/12/2016	4/12/2016	67
S00323	* MBC Odor Control Facility Upgrades	Adv/Bid/Award	\$6,200,000	\$6,615,612	\$1,102,286	\$346,983	\$5,166,343	16.7%	12/1/10 A	11/19/2013	3/19/2015	356	11/12/2015	3/14/2017	358
B10178	* MBC Chemical System Improvements Phase 2	Adv/Bid/Award	\$5,070,000	\$6,090,354	\$1,150,198	\$212,884	\$4,727,271	18.9%	2/14/11 A	10/4/2013	2/27/2015	375	4/8/2015	3/24/2017	525
S00310	* SBWR Plant Demineralization	Construction	\$3,279,133	\$5,973,695	\$2,031,965	\$2,360,870	\$1,580,861	34.0%	8/1/12 A	11/30/2012	11/30/2012	0	10/2/2013	9/17/2015	524
B14167	* SBWRP sludge Pump & Grinder Installation	Adv/Bid/Award	N/A	\$789,000	\$115,821	\$26,617	\$646,562	14.7%		N/A	9/1/2015		N/A	4/21/2016	
B13227	Emergency Strobe Lights at MBC, NC, SB	Construction	TBD	\$754,000	\$211,577	\$194,815	\$347,609	28.1%	9/3/13 A	TBD	9/30/2015		TBD	8/3/2015	
TRUNK SEWERS - METRO															
B11025	Rose Canyon TS (RCTS) Joint Repair	Design	\$6,233,000	\$6,233,000	\$300,567	\$503,640	\$5,428,793	4.8%	3/1/2009	3/13/2013	1/20/2016	765	8/27/2015	3/30/2017	426
B11098	W PTL Intercept & PS 2 FM Siphon Repair	Adv/Bid/Award	\$1,500,000	\$1,700,000	\$75,672	\$1,949,690	-\$325,362	4.5%	3/1/2010 A	12/24/2012	12/24/2012	0	6/30/2014	3/30/2015	200
SEWER TREATMENT PLANTS - MUNI/METRO															
S12036	Backup Generators at Sewer PS's, TP, & EMTS	Construction	\$17,745,600	\$17,745,600	\$13,734,773	\$1,132,124	\$2,878,702	77.4%	9/9/11 A	9/23/2013	10/1/2013	6	10/30/2014	3/30/2015	111
OTHER - MUNI/METRO															
S14022	MOC Complex Solar Project	Design	N/A	\$2,675,000	\$28,745	\$0	\$2,646,255	1.1%		N/A	9/1/2015		N/A	9/2/2016	
S14000	EAM ERP Implementation	#N/A	N/A	TBD	\$360,962	\$239,143				N/A	TBD		N/A	TBD	
POST CONSTRUCTION/COMPLETE PROJECTS															
COMPLETED PROJECTS - METRO															
B00313	* PS 1&2 ELECTRICAL UPG & NEW BLDG AT PS2	Complete	\$9,935,000	\$10,085,000	\$10,063,804	\$29,453	-\$8,257	99.8%	11/1/06 A	N/A	N/A		3/4/2013	2/10/2015	519
B10085	* PTL Sedimentation Basins Equip Refurbish	Complete	\$7,954,500	\$7,554,500	\$7,452,110	\$0	\$102,390	98.6%	4/1/10 A	5/6/2011	5/6/2011	0	5/2/2013	8/3/2013	68
B11139	* North City Cogeneration Facility Expansion	Complete	\$4,200,000	\$4,200,000	\$4,093,954	\$15,341	\$90,705	97.5%	5/18/11 A	12/16/2011	12/16/2011	0	3/26/2013	11/12/2013	169
L100001	* Ovation Upgrade at Pt Loma Wastewater Trmt Plant	Complete	\$4,180,000	\$4,180,000	\$3,865,324	\$0	\$314,676	92.5%	10/23/09 A	3/22/2010	3/22/2010	0	2/6/2013	6/3/2013	86
L100002	* Ovation Upgrade at North City WRP	Complete	\$3,070,000	\$3,070,000	\$2,559,499	\$0	\$510,501	83.4%	10/23/09 A	3/22/2010	3/22/2010	0	6/5/2014	11/24/2014	126
B00528	* MBC WATER SYSTEMS IMPROVEMENTS	Complete	\$1,179,355	\$1,179,355	\$1,207,805	\$0	-\$28,450	102.4%	5/26/09 A	N/A	N/A		2/13/2012	2/13/2012	0
B00316	* MBC ACCESS ROAD DRAINAGE IMPROVEMENTS	Complete	\$288,184	\$288,184	\$468,890	\$0	-\$180,706	162.7%	1/5/07 A	5/25/2011	5/25/2011	0	5/1/2012	5/1/2012	0
B11076	PTLWTP PC 6 Transformer Cabinet & Switchboard Repl	Complete	N/A	N/A	\$364,671	\$0				N/A	N/A		N/A	N/A	
B14075	Harbor Drive Conduit Pipeline	Complete	N/A	TBD	\$222,641	\$0				N/A	N/A		N/A	N/A	
S00322	* MBC Biosolids Storage Silos	Complete	\$7,553,500	\$9,047,838	\$8,108,759	\$590,490	\$348,589	89.6%	3/1/2006	11/15/2012	11/15/2012	0	10/7/2014	7/16/2015	207

FY15 Change Order Log							
WBS	PROJECT TITLE	PREVIOUSLY AUTHORIZED PROJECT COST (ORIGINAL CONTRACT AMOUNT)	TOTAL CHANGE ORDER (CCO) AMOUNT TO DATE	ENGINEERING RELATED COSTS	REVISED TOTAL COST	CCO/ ORIGINAL TOTAL PROJECT COST %	DESCRIPTION
4th QTR FY15 (4/1/2015-6/30/2015)							
None.							
3rd QTR FY15 (1/1/2015-3/31/2015)							
None.							
2nd QTR FY15 (10/01/-2014 - 12/31/2014)							
None.							
1st QTR FY15 (07/01/-2014 - 9/30/2014)							
None.							

Attachment B

Letter Dated 9/17/15 from EPA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street

San Francisco, CA 94105-3901

SEP 17 2015

OFFICE OF THE
REGIONAL ADMINISTRATOR

Mayor Kevin Faulconer
City of San Diego
City Administration Building
202 C Street, 11th Floor
San Diego, CA 92101

Dear Mayor Faulconer:

Thank you for meeting with Administrator McCarthy and me regarding the Pure Water San Diego Program and the Point Loma Wastewater Treatment Plant (WWTP). We have enjoyed a very cordial and productive working relationship with the City and San Diego stakeholders and are confident this productive engagement will continue. We commit to continue working with you on development of the water infrastructure necessary to meet the City's water supply and water quality protection needs.

We strongly support San Diego's plans to develop potable reuse capacity to reduce the region's reliance on imported supplies. We commend your work to involve and build support among local communities, businesses, and citizen groups in developing the Pure Water Program and its relationship to Point Loma operations. The Pure Water Program will optimize the benefits of investments in wastewater infrastructure in a way that is fully consistent with EPA's integrated planning initiative.

As we discussed, we understand San Diego area communities are concerned that investing in the infrastructure expansion associated with the Pure Water program will limit their financial capacity to upgrade treatment at Point Loma. As a result of expected Pure Water improvements in effluent quality, upgrades at Pt. Loma to achieve secondary treatment may not be needed to protect ocean water quality. I understand that the Pure Water planning process is progressing quickly and thus the City and its regional partners seek greater clarity regarding EPA views on the long-term regulatory prospects for the Point Loma plant. I value your efforts to work with us to explore potential options for addressing these concerns. We believe we can provide a significant level of assurance regarding these concerns based on what we now know.

We appreciate the City's timely submittal of its application for renewal of the NPDES permit and associated treatment standards for Point Loma pursuant to Clean Water Act Sections 402, 301(h) and 301(j)(5). We are reviewing the application in coordination with the San Diego Regional Water Quality Control Board, which jointly issues the NPDES permit for the Point Loma WWTP with EPA. We commend the City's willingness to incorporate specific provisions in the Point Loma permit linked to milestones in the Pure Water Program planning and implementation process. To date, we have identified no barriers to renewal of the permit and modified secondary treatment standards. EPA approved the three prior applications for modified secondary treatment standards for the Point Loma WWTP in 1995, 2002, and 2010 based on administrative records that demonstrated, in each instance, full satisfaction of the provisions of CWA Section 301(h) and 301(j)(5).

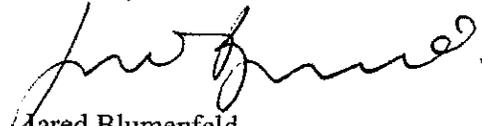
We expect that EPA and the Regional Water Board will be able to propose the revised NPDES permit with associated modified secondary treatment requirements by April, 2016 and issue the final permit by August, 2016 based on the application materials we have received. As you know, these permits are renewed on a five-year cycle. I expect EPA will be able to continue to renew subsequent CWA 301(h) modified permits for the Point Loma WWTP for as long as there are no relevant changes in the Clean Water Act and implementing regulations, and no significant deterioration in the quality of the Point Loma discharge or the response of the receiving ocean ecosystem to the ongoing discharge.

During our meeting, you explained that, due to ratepayer limitations, San Diego may be interested in seeking a legislative solution in order to provide long term financial certainty that the Cities will not need to fund both the Pure Water Program and further upgrades to achieve secondary treatment at Point Loma. While this letter is intended to provide you with a better understanding of the long-term permitting requirements for Point Loma, nothing in this letter precludes the City's ability to pursue legislative amendments.

As we discussed, EPA understands that local governments face substantial challenges in funding water infrastructure needs. The California Clean Water and Drinking Water State Revolving Funds may offer a cost-effective mechanism to finance elements of the Pure Water Program, and we would be happy to discuss funding options with the State Water Resources Control Board and the City.

We commend the City's leadership in developing an integrated long-term plan to build a more sustainable regional water supply system while ensuring water quality protection. Building on our productive meeting with Halla Razak on August 27th, we look forward to continuing our efforts to help move the Pure Water project forward. If you have questions, please contact me at (415) 947-8702 or David Smith, NPDES Permits Section, at (415) 972-3464.

Sincerely,



Jared Blumenfeld

cc: Gina McCarthy, EPA
David Gibson, RWQCB
Charles Lester, CCC

Item 3

2016 MetroTAC Meeting Calendar

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

2016 Meeting Schedules

METRO COMM/METROJPA		METRO TAC	
1st Thursday of the month		3rd Wednesday of the month	
December 3, 2015	12:00 – 1:00	December 16, 2015	11:00 – 1:30
January 7, 2016 (if needed)	12:00 – 1:00	January 20, 2016	11:00 – 1:30
February 4, 2016	12:00 – 1:00	February 17, 2016	11:00 – 1:30
March 3, 2016	12:00 – 1:00	March 16, 2016	11:00 – 1:30
April 7, 2016	12:00 – 1:00	April 20, 2016	11:00 – 1:30
May 5, 2016	12:00 – 1:00	May 18, 2016	11:00 – 1:30
June 2, 2016	12:00 – 1:00 (SANDIST meeting immediately following)	June 15, 2016	11:00 – 1:30
July 7, 2016	12:00 – 1:00	July 20, 2016	11:00 – 1:30
August 4, 2016	12:00 – 1:00	August 17, 2016	11:00 – 1:30
September 1, 2016	12:00 – 1:00	September 21, 2016	11:00 – 1:30
October 6, 2016	12:00 – 1:00	October 19, 2016	11:00 – 1:30
November 3, 2016	12:00 – 1:00	November 16, 2016	11:00 – 1:30
December 1, 2016	12:00 – 1:00	December 21, 2016	11:00 – 1:30

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

Item 10

MetroTAC Work Plan

**MetroTAC
2014/15 Work Plan
October 2015 (Revised Per Metro TAC)**

MetroTAC Items	Description	Subcommittee Member(s)
PLWTP Permit Ad Hoc Work Group	8/15: Greg Humora and Scott Tulloch continue to meet with stakeholders. Cost allocation subcommittee continues to meet with City staff. Milestones are included in each month Metro TAC and Commission agenda packet.	Greg Humora Scott Tulloch SD staff & consultants Enviro members
Pure Water Program Cost Allocation Work Group	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers; 8/15: Cost allocation group continues to meet on an every two week basis. Final numbers expected in December 2015. <i>10/15: Workgroup to resume meetings in November 2015 to create draft Framework Plan.</i>	Greg Humora Scott Tulloch Roberto Yano Karyn Keese SD staff & consultants
Pure Water Program Cost Allocation Metro TAC Work Group	<i>10/15: Workgroup to meet once draft Framework Plan is developed.</i>	Greg Humora Scott Tulloch Rick Hopkins Roberto Yano Al Lau Bob Kennedy Karyn Keese SD staff & consultants
Exhibit E Audit	<i>10/15: FYE 13 and 14 expected to be complete by end of 2015.</i>	Karyn Keese Karen Jassoy
SDG&E Rate Plan	SDG&E has submitted a Rate Plan that would not only change some rate structures but will also shorten the off peak hours for users such as utilities. BBK will continue to monitor and update Metro TAC and Commission/JPA members on protest measures.	Paula de Sousa
PUD Industrial Waste Program Update	9/13: A performance audit was performed on the PUD's IWCP. The audit produced two findings and made 8 recommendations. PUD has hired Brown & Caldwell to perform a fee study and assist implementation of an updated program. A subcommittee of the Metro TAC was formed to work with PUD staff and the consultant.	Roberto Yano Ed Walton
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.	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.	Bob Kennedy Steve Beppler Greg Humora
Fiscal Items	The Finance committee will continue to monitor and report on the financial issues affecting the Metro System and the charges to the PAs.	Greg Humora Karen Jassoy Paula DeSousa Karyn Keese

MetroTAC Items	Description	Subcommittee Member(s)
Recycled Water Revenue Issue	Per our Regional wastewater Agreement revenues from SBWTP are to be sewer revenues and proportionally shared with PA's. North City has similar requirements however the debt from the optimized system must first be repaid. 7/15: Recycled revenues from South Bay dispersed to PAs in June 2015. Karyn Keese will work with City staff to determine the remaining balance on the optimized system debt. <i>10/15: Reconciliation will be part of the FYE Exhibit E audit process.</i>	Karyn Keese Karen Jassoy
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of collection events within the region.	Greg Humora
Strength Based Billing Evaluation	City of San Diego staff will hire an outside engineering 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
Padre Dam Mass Balance Correction	8/15: Final reconciliation was approved and checks/bills were sent in June 2015. <i>10/15: Administrative protocol is being crafted by PAs attorney's group to establish 4 year from the date of discovery as the statute of limitations for billing errors.</i>	Greg Humora Karyn Keese Rita Bell
Waiver	8/15: Waiver was submitted on time. EPA has stated that they will not review until 2016. <i>10/15: EPA sent a positive letter 9/17/15 and stated that EPA and the Regional Board would be able to propose the revised NPDES permit by April 2016, and issue the final permit by August 2016.</i>	Greg Humora Scott Tulloch Karyn Keese
City of San Diego Recycled Water Pricing Study	8/15: PUD staff presented recycled water rate study to SD Environmental Committee, IROC, and Metro TAC with two options: a unitary rate similar to the current rate structure or a zone rate. Metro TAC approved the unitary rate and requested SD open negotiations with their wholesale customers on a wholesale rate. <i>9/15: Metro Commission recommended zone rate. 10:15: San Diego 218 hearing November 17, 2015.</i>	Karyn Keese Rita Bell
Metro JPA Strategic Plan	6/18: Strategic planning session held at PLWTP. Goals for next coming years were set.	Greg Humora
Board Members' Items		
Rate Case Items	8/15: City of San Diego staff presented water and recycled water rate case to San Diego Environmental Committee and IROC. Presented recycled water rate case to Metro TAC. Recycled water rate case to be presented to Metro JPA/Commission at their September 2015 meeting. 9/15: Metro Commission supported zone recycled rate.	Karyn Keese
Exhibit E	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to Schedule E will come directly to the Board as they develop 815: In June 2015 all audits from FE 2007 to FYE 2012 were trued up and each PA either received a refund or a bill based upon their paid annual sewer billing contributions versus actual costs for each year. FYE 2013 and FYE 2014 Exhibit E's are close to completion. FYE 2015 audit entrance conference is scheduled for August 31, 2015.	Karen Jassoy Karyn Keese
Future bonding	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to bonding efforts will come directly to the Committee and the Board as they develop. <i>8/15: City of San Diego is potentially progressing with a refunding of outstanding sewer debt.</i>	Karen Jassoy 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

MetroTAC Items	Description	Subcommittee Member(s)
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. 2/12: This Item does not have a champion. Should we remove?	<i>Who should take over?</i>

Completed Items	Description	Subcommittee Member(s)
City of San Diego Revised Procurement Process	8/12: San Diego City Engineer James Nagelvoort reported on recent changes to San Diego's procurement process to move projects through more quickly. Technically any CIP projects under \$30 million may no longer need to be reviewed by the Metro TAC or JPA prior to City Council approval. Chairman Humora requested San Diego prepare a summary of the recent changes and the decision points for consideration of the TAC at the September meeting. 10/4: Metro Commission requests further review by TAC to recommend an appropriate level for CIP's to be brought forth to the Commission. 11/12: MetroTAC recommended leaving the thresholds as they are today and therefore everything will go through TAC and then to the JPA for formal action. The policy will be placed on the JPA website. The Metro Commission approved the policy at their November 2012 meeting. San Diego's CIP will become a standing item on the Metro TAC agenda.	Metro TAC
Rate Case Items	1/12: San Diego is in the process of hiring a consultant to update their rate case. As part of that process, Metro TAC and the Finance Committee will be monitoring the City's proposals as they move forward. 6/12: San Diego hired Black & Veatch as their rate consultant. 2/13: Preliminary results were reported at the IROC Meeting of 2/19/13. Karyn Keese will be working with the IROC Finance Committee to review details. 3/13: Karyn Keese attended a joint workshop with IROC to review the draft revenue requirement for the Rate Case. 4/13: Next meeting with IROC on the rate case is 5/20/13. 5/13: Next special meeting with IROC is June 24, 2013. 6/13: San Diego is only moving forward with Water Rate Case due to needed rate increase. Wastewater does not appear to need a rate adjustment for two years.	Karyn Keese
Exhibit E	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to Schedule E will come directly to the Board as they develop. 2/13: 2010 and 2011 audits are ongoing. 3/13: The 2010 audit is complete and has been presented to Metro TAC & the Finance Committee. Will move forward to Commission at 6/13 meeting. 2011 field work is complete. 2012 sample selected.9/13: 2012 preliminary fieldwork is complete. Waiting for PUD's answers to questions. 5/14: Fieldwork for all audits is complete (including 2013). True-ups have not been completed since 2008 due to the Padre Dam and North City billing issues.	Karen Jassoy Karyn Keese
Future bonding	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to bonding efforts will come directly to the Board as they develop. 10/26/11: San Diego is issuing an RFP for a cost of service study to support a future bond issue potentially in mid-2013. Kristin Crane to sit on the selection panel. 2/13: San Diego's preliminary rate case does not show the issuance of additional debt until FY 2018.	Karen Jassoy Karyn Keese Kristen Crane
City of San Diego Recycled Water Pricing Study	San Diego is working on a rate study for pricing recycled water from the South Bay plant and the North City plant. Metro TAC, in addition to individual PAs, has been engaged in this process and has provided comments on drafts San Diego has produced. We are currently waiting for San Diego to promulgate a new draft which addresses the changes we have requested. 10/26/11: draft study still not issued. 5/13: Recycled Water Study to be on July 2013 Metro TAC agenda per PUD staff.6/24/13: Recycled Water Pricing Study goes to IROC. 7/10/13: Recycled Water Study goes to NR&C 9/13: PUD has hired Black & Veatch to review the study	Karyn Keese Rita Bell

Completed Items	Description	Subcommittee Member(s)
Pure Water Program Cost Allocation	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers; Concepts will be discussed at TAC and JPA Board in near future.7/12: Subcommittee to meet with PUD staff & consultants to review TM 8 and economic model.8/12: Subcommittee has meet with City staff and consultants. Economic model has been received. City will not pursue cost allocations until Demonstration Project is complete due to staffing constraints. 6/13: Ad Hoc TAC has started work on cost allocation concept. 5/14: Cost allocation workgroup will meet in May. 6/14: Cost allocation group has met twice.7/14: Cost allocation group continues to meet on a every two week basis.	Greg Humora Leah Browder Scott Tulloch Rick Hopkins Roberto Yano Kristen Crane Al Lau Bob Kennedy Karyn Keese
Fiscal Issues	The Finance committee will continue to monitor and report on the financial issues affecting the Metro System and the charges to the PAs. The debt finance and reserve coverage issues have been resolved. Refunds totaling \$12.3 million were sent to most of the PA's.10/26/11: 2010 will be the first year where the PAs will be credited with interest on the debt service reserve and operational fund balances. Interest will be applied as an income credit to Exhibit E when that audit is complete.	Greg Humora Karen Jassoy Karyn Keese
Rate Case Items	1/12: San Diego is in the process of hiring a consultant to update their rate case. As part of that process, Metro TAC and the Finance Committee will be monitoring the City's proposals as they move forward. 6/12: San Diego hired Black & Veatch as their rate consultant. 2/13: Preliminary results were reported at the IROC Meeting of 2/19/13. Karyn Keese will be working with the IROC Finance Committee to review details. 3/13: Karyn Keese attended a joint workshop with IROC to review the draft revenue requirement for the Rate Case. 4/13: Next meeting with IROC on the rate case is 5/20/13. 5/13: Next special meeting with IROC is June 24, 2013. 6/13: San Diego is only moving forward with Water Rate Case due to needed rate increase. Wastewater does not appear to need a rate adjustment for two years.	Karyn Keese
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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
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Completed Items	Description	Subcommittee Member(s)
SDG&E Rate Case	5/14: BBK prepared a draft letter for all PAs to send regarding SDG&E's latest proposal to the PUC regarding the change in off-peak hours. BBK will continue to monitor.	Paula de Sousa
Metro JPA Strategic Plan	6/12: Chairman Ewin to establish a subcommittee to monitor the progress of strategic plan initiatives.	<i>Who should take over?</i>
Metro JPA Strategic Plan	2/2011: committee to meet 2/28/11 to plan for retreat to be held on 5/5/11 Retreat held and wrap up presented to the Commission at their June Meeting. JPA strategic planning committee to meet to update JPA Strategic Plan and prepare action items. 1/12: Draft strategic plan reviewed by Board and referred to Metro TAC for input. MetroTAC has created a subcommittee to work on this project. 2/12: Metro TAC has completed their final review. Forwarded to Commission. 4/12: Adopted at April 2012 Metro JPA Meeting. Project complete.	Augie Caires Ernie Ewin
Recycled Water Study	As part of the secondary waiver process, San Diego agreed to perform a recycled water study within the Metro service area. That study is currently underway, and MetroTAC has representatives participating in the working groups. TM #8 Costs estimates are out and PAs provided comments on TM#8 and have asked for a technical briefing. 10/16/11: Final draft of report is due out in November 2011. 1/12: Final draft of report is due in March 2012. 3/12: Final draft available for comments until 3/19/12 4/12: PUD staff to give presentation to Metro JPA at their May meeting. 5/12 PUD staff presented the Recycled Water Study to the Metro JPA at their May meeting. Metro JPA approved the Study as a planning document. Study to move forward to SD City Council in July 2012 with letter of support from JPA. 7/12: City of San Diego approved the Recycled Water Study; Study submitted on time to Coastal Commission. Final report uploaded to JPA website. 11/12: San Diego received a letter from the Coastal Commission. Metro Commission consensus was that based on the tone of the Coastal Commission letter the region may be seeing some time line changes relative to San Diego's projections on the implementation of IPR and that the MetroTAC needs to manage all aspects including the Coastal Commission and multiple issues such as desalination water, Coastal Commissions attitude at this point and pending IPR programs we have heard about.	Scott Huth Al Lau Scott Tulloch Karyn Keese
IRWMP	4:12: Metro TAC received a presentation from Cathy Pieroni (City of San Diego) on the Integrated Regional Water Management Program (IRWMP). Group is still relatively informal but plans to become more structured during its upcoming 2 year plan update. There is a governance & finance work group that starts in the 3rd quarter of 2012 and at that point the JPA role will be examined. Padre Dam and Chula Vista are regular participants. 9/19: Cathy Pieroni gave an update. Recommendation by IRWM to the RAC to include a seat for the Metro JPA. Bob Kennedy will attend the October 3, 2012 meeting representing the JPA. 11/12: At their November 2012 meeting the Metro Commission unanimously appointed Bob Kennedy of Otay Water District as primary and Metro TAC Chairman Greg Humora as alternate to the IRWMP RAC. 2/13: On February 6, 2013 Bob Kennedy attended the IRWMP meeting. Metro JPA has been added as a permanent member of the Water Quality subcommittee of the RAC. The City of San Diego presented an overview of the Recycled Water Study. Next meeting scheduled for April 3, 2013. Closed 4/12 as the Metro JPA has become a member.	Bob Kennedy Greg Humora

Completed Items	Description	Subcommittee Member(s)
Ebola Protocol for Protection of Wastewater Staff	11/14: Members of Metro TAC discussed their concerns over protecting their wastewater crews from exposure to viruses such as Ebola. A recent panel of AWWA experts came to a conclusion that there are no current guidelines available from the CDC. Ann Sasaki stated that she will find if San Diego has a protocol on this and report back. It was suggested that ADS might have a protocol and should be contacted. SCAP has not released anything as well. 12/14: Tom Howard reported that the CDC has provided guidelines and will provide a copy of it to be included in the December minutes. 3/15: continued guidelines are being released.	Mike Obermiller Tom Howard
JPA Website Update	5/13: The Metro TAC would like to update the current website as it is outdated. A review of the current website and its limitations will be on the Metro TAC agenda in the next couple months. 9/13: Greg & Karyn have been working with Vision Internet to finalize a scope of work and contract. These will go to the JPA for approval at their October meeting. 1/14: The contract has been negotiated and approved and Vision has started on the framework for the website. 3/15: New website has launched.	Greg Humora Karyn Keese Lori Peoples
Role of Metro JPA regarding Recycled Water	As plans for water reuse unfold and projects are identified, Metro JPA's role must be defined with respect to water reuse and impacts to the various regional sewer treatment and conveyance facilities 2/12: Scott Huth removed as member due to new position. JPA/Metro TAC needs to appoint a new representative. 4/13: Scott Tulloch added to this subcommittee. Metro TAC member needed. 5/13: Greg Humora added to this work group. 6/13: This group was formalized by the JPA as the PLWTP Ad Hoc Technical Advisory Committee.	Greg Humora Karyn Keese Scott Tulloch
San Diego Wastewater 50th Anniversary Celebration	5/13: Cheryl Lester presented the draft plan for the Anniversary celebration. She requested Metro Commission/JPA participation. Commission Parks will represent the Commission/JPA. 9/13: The celebration was a big success and was well attended.	Sherryl Parks
SDG&E Rate Case	8/19: Karyn to check with Paula regarding latest SDG&E issues. 11/12: Sophie Akins from BBK will present updated information to Metro TAC.	Paula de Sousa
Salt Creek Diversion	9/2010: OWD, Chula Vista and San Diego met to discuss options and who will pay for project; Chula Vista and OWD are reviewing options. 2/2011: OWD and PBS&J reviewed calculations with PUD staff; San Diego to provide backup data for TAC to review. This option is also covered in the Recycle Water Study. 10/26/11: Back-up information has still not been received from staff. 8/12: San Diego to conduct business case evaluation and add to Capital Improvement Program as recommend by Metro Commission to San Diego City Council on July 17, 2012 in support of the Recycled Water Study. 5/14: PUD staff has prepared and presented a Business Case. This has been discussed at the March, April, & May Metro TAC meetings. 5/14: Metro TAC agreed with PUD staff recommendation that this project should not be pursued at this time. Otay abstained from the vote.	Roberto Yano Bob Kennedy Karyn Keese Rita Bell

Metro TAC Participating Agencies Selection Panel Rotation

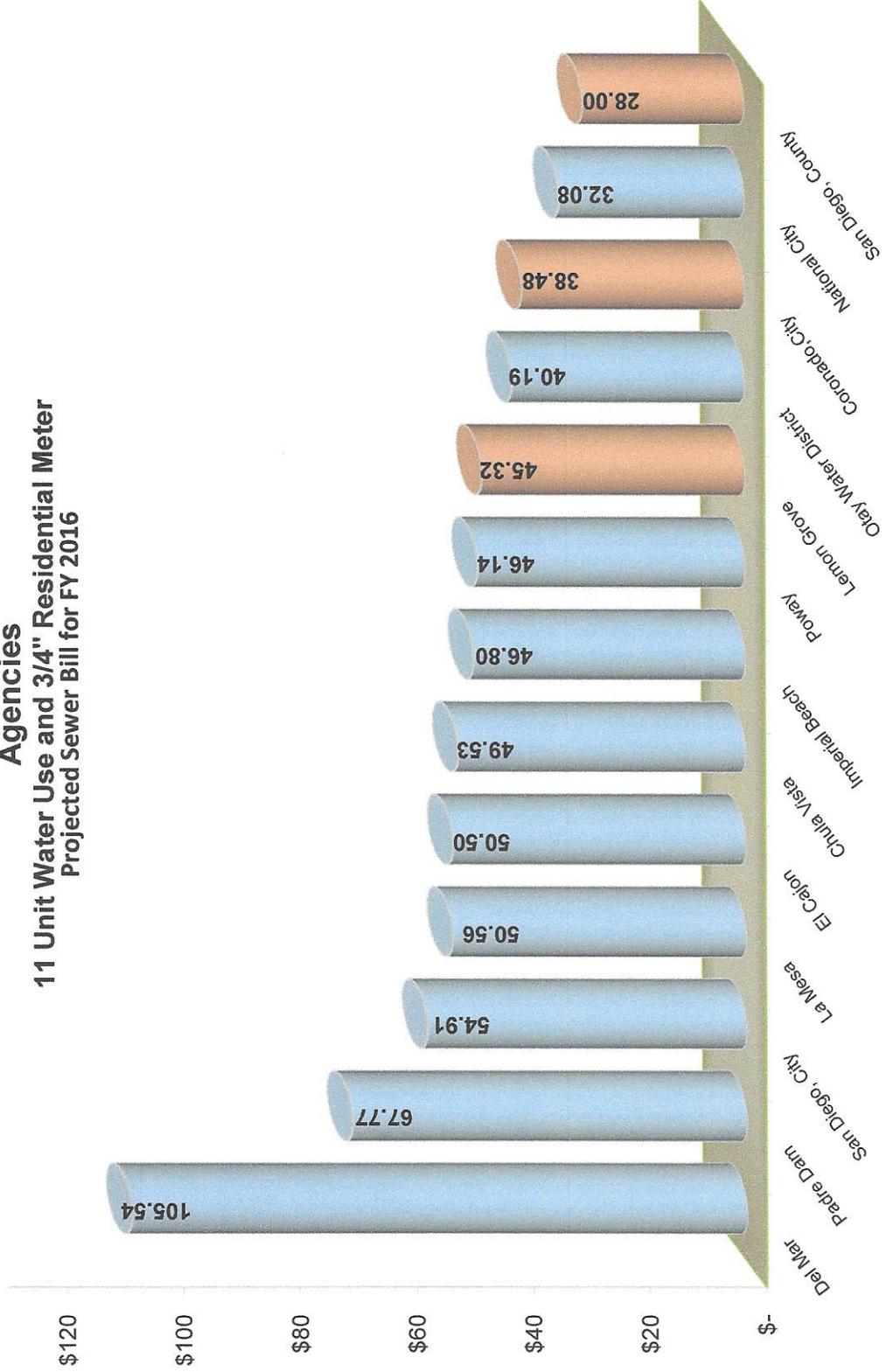
Agency	Representative	Selection Panel	Date Assigned
Padre Dam	Neal Brown	IRWMP – Props 50 & 84 Funds	2006
El Cajon	Dennis Davies	Old Rose Canyon Trunk Sewer Relocation	9/12/2007
La Mesa	Greg Humora	As-Needed Piping and Mechanical	11/2007
National City	Joe Smith	MBC Additional Storage Silos	02/2008
Otay 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 Huith	Strategic Business Plan Updates	02/2008
Coronado	Scott Huith	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	09/2008
Del Mar	David Scherer	Biosolids Project	01/2009
Padre Dam	Neal Brown	Regional Advisory Committee	2009
County of San Diego	Dan Brogadir	Large Dia. Pipeline Inspection/Assessment	09/2009
Chula Vista	Roberto Yano	Sewer Flow Monitoring Renewal Contract	10/2009
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	12/2009
Lemon Grove	Patrick Lund	RFP for Inventory Training	01/2010
National City	Joe Smith	Design/Build water replacement project	07/2010
Coronado	Scott Huith	Wastewater Plan update	11/2010
Otay Water District	Bob Kennedy	RFP Design of MBC Odor Control Upgrade/Wastewater Plan Update	01/2010
Del Mar	Eric Minicilli	Declined PS 2 Project	02/2011
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	05/2011
La Mesa	Greg Humora	confined space RFP selection panel	07/2011
Poway	Tom Howard	COSS's for both Water and WW	10/2011
El Cajon	Dennis Davies	Independent Accountant Financial Review & Analysis – All Funds	10/2011
			01/2012

Updated 11/12/2015

EXP

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		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Kuna Muthusamy		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		

Sewer Rate Comparison Metro Member Agencies
11 Unit Water Use and 3/4" Residential Meter
Projected Sewer Bill for FY 2016



Item 11

Pt. Loma Permit Renewal

Point Loma Permit/Potable Reuse KEY MILESTONE DATES



DATE	TASK	FOLLOW UP ACTION/STATUS
January	Begin outreach to regulators, legislators, key stakeholders and public	San Diego signed contract with Katz Assoc. 5/14
01/23/2014	San Diego meet with JPA on cost allocation. 1) Agree on methodology 2) Insert construction costs from facilities plan	San Diego to look at comparing PR facilities construction through secondary to secondary at Point Loma.
February	First draft of legislative language	Draft prepared
03/05/2014	San Diego (Ann, Brent, Bob, Allan) meet with EPA staff	Pure Water program was well received by EPA
40/08/2014	City of San Diego Environmental Committee	Consideration of Pt Loma Permit
40/16/2014	Metro Commission - VOTE on Supporting Permit	
41/18/2014	City of San Diego City Council Meeting	Consideration of Pt Loma Permit and Side Agreement. Passed 9-0
2015		
January	Submit NPDES Permit to the Environmental Protection Agency	Submitted!
	Prepare proposed lang for administrative fix to Clean Water Act	
	Be ready to provide lang for legislative fix to Clean Water Act	
05/20/2015	Present Phase 1 of cost allocation to Metro TAC	
06/04/2015	Metro JPA Strategic Planning Meeting at Pt Loma	
06/23/2015	Stakeholders meeting	
07/01/2015	Water Reliability Coalition Potable Reuse Media Training	
07/15/2015	Cost allocation meeting	
08/18/2015	Stakeholders meeting	
09/15/2015	City of San Diego City Council Request to set Prop 218 Public Hearing for water rate increase	218 Notice for water rates approved to be mailed out
09/17/2015	Letter received from EPA endorsing Pt Loma modified permit	
10/20/2015	Stakeholders meeting	
11/17/2015	City of San Diego Public Hearing for water rate increases	
11/23/2015	Cost allocation meeting	
12/15/2015	Stakeholders meeting	
December	Finalize Phase 2 of cost allocation	
December	Begin drafting updated wastewater disposal agreement	

Milestone Progress Dashboard

