



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, August 19, 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. Review and Approve MetroTAC Action Minutes for the Meeting of [July 15, 2015](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **ACTION:** Consideration and Possible Action on Proposed Recycle Rates (Seth Gates)
4. Metro Wastewater Update (Standing Item)
5. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
6. Financial Update (Standing Item) (Karyn Keese)
7. SD IRWM RAC Meeting - August 2015 (Bob Kennedy) (**Attachment**)
8. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
9. Point Loma Permit Renewal (Standing Item) (Greg Humora)
10. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**September 3, 2015 if needed**)
11. Other Business of Metro TAC
12. Adjournment ([To the next Regular Meeting, September 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

ATTACHMENT 1

Minutes of July 15, 2015

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

ACTION MINUTES

DATE OF MEETING: July 15, 2015

TIME: 11:00 AM

LOCATION: PUD – MOC II Main Conference Room

MEETING ATTENDANCE: As Attended

1. Review and Approve Metro TAC Action Minutes for the Meeting of June 17, 2015

Tabled. No minutes available

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

There was no Metro Commission meeting in July.

3. ACTION: Consideration and Possible Action-Point Loma Digester Roof Systems Replacement and Repairs – Change Order No. 3

The construction project with Brazos Urethane Inc. for repairs and replacement of the existing roof insulation and coating system on Digesters 7, N1, and N2 and repair of bubbles and blisters to the roof coating system for Digesters C1 and C2 was awarded by San Diego City Council in June 2014. During the repair of the C1 digester roof, severe cracks were discovered throughout the roof that could potentially deteriorate the roof insulation and corrosion of the steel roof if not repaired. This change order for \$61,048 is to repair these cracks.

On a motion by Ed Walton and seconded by Bob Kennedy the Metro TAC unanimously approved the change order and agreed to move this item on to the Metro Commission/JPA for their review and possible acceptance.

4. (A) ACTION; Consideration and Possible Action-Common Area Improvements at Point Loma Wastewater Treatment Plant

This construction contract will provide improvements to the south central location of the Treatment Plant also known as the Common Area. The construction consists of site preparation and improvements of approximately 3,000 square feet which includes placement of decomposed granite as surface material, placing barriers along the edge of the cliff, concrete swale, and a short retaining wall to enhance the architectural feature of the facility. The contract price is \$48,525.

On a motion by Kuna Musathawy and seconded by Mike Obermiller the Metro TAC unanimously accepted and approved the contract and agreed to move this item on to the Metro Commission/JPA for their review and possible acceptance.

(B) ADDED ACTION ITEM: Point Loma Wastewater Treatment Plant Grit Improvement Project—Contract Amendment for Professional Engineer Services (Staff Report included as Attachment A to these minutes).

During the construction Phase of this project, unforeseen conditions have been encountered requiring the design consultant, Lee & Ro, Inc. to provide additional engineering design support. The additional design work provides the grit facility with features that are critical plant operations and maintenance. In addition to the increase design work effort, the workload for several construction support tasks has increased significantly requiring additional budget for construction support to continue until the end of construction. These tasks include Submittal reviews and Request for Information support. The change order is \$153,170.

On a motion by Chairman Humora and seconded by Vice Chair Davies the Metro TAC unanimously accepted and approved the contract amendment and agreed to move this item on to the Metro Commission/JPA for their review and possible acceptance.

5. Metro JPA Strategic Plan Update 2015

Chairman Humora reviewed the minutes from the most recent strategic planning session. He requested that all comments on the minutes be provided to him by 7/28/15 so they could be incorporated into the minutes prior to taking them to the Metro Commission.

6. Metro Wastewater Update (Standing Item)

Seth Gates has been promoted to Deputy Director (Lee Ann Jones-Santos' old position). A Pure Water Program RFP for 10% pipeline design to Miramar and San Vicente will be coming out soon.

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

There was no update this month.

8. Financial Update

There was no financial update this month.

9. MetroTAC Work Plan (Standing Item)

Padre Dam is the recipient of a \$6 million IRWM grant.

10. Point Loma Permit Renewal

Chairman Humora reviewed the key milestones attached to the agenda. In addition the handout from the Pure Water/Potable Reuse Message Workshop presented

by Katz & Associates on July 1, 2015 was attached to the agenda.

11. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (August 6, 2013)

Chairman Humora recommended Items 3, 4 A & B, and 5 be moved forward to the Metro Commission for their review and potential approval.

12. Other Business of Metro TAC

There was no other business of the Metro TAC.

13. Adjournment (To the next Regular Meeting, August 19, 2015)

ATTACHMENT A

**CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
BRIEFING REPORT**

July 15, 2015

Project Name: Point Loma Wastewater Treatment Plant Grit Improvements Project – Contract Amendment for Professional Engineering Services (WBS# S-00315)

Name of Project Presenter: Iraj Asgharzadeh, Senior Civil Engineer.

Project Background:

The Point Loma Grit Processing Improvements Project (GIP) is located at the existing Point Loma Wastewater Treatment Plant (PLWTP). Presently, the PLWTP has six aerated grit basins constructed between 1962 and 1988. Grit is the heaviest material in wastewater and cannot be broken down by biological processes, therefore it is collected in the grit basins, removed and hauled to a landfill. Grit removal efficiency is a major operational concern because of the wear and tear the grit material causes on the downstream equipment resulting in a decrease in treatment capacity. It is estimated that PLWTP spends \$1,000,000 per year on grit removal from plant digesters. The grit material also inhibits operations, maintenance and performance of the Metro Biosolids Center.

Project Description

This project will reconstruct the two south grit tanks and its adjacent pump gallery, as well as replacing the head works building with a truck loading facility and new grit processing equipment. The project also includes the construction of an interim grit processing facility to allow processing to continue during construction.

During the construction phase of this project, unforeseen conditions have been encountered requiring the design consultant, Lee & Ro, Inc. (L&R), to provide additional engineering design support. The additional design work provides the grit facility with features that are critical to plant operations and maintenance. In addition to the increased design work effort, the workload for several construction support tasks has increased significantly requiring additional budget for construction support to continue until the end of construction. These tasks include Submittal reviews and Request For Information support.

The additional engineering design and construction support costs exceeds the current budget capacity, and as a result, a contract amendment in the amount of \$153,170 is required.

(continued on next page)

Cost:

The current costs associated with this project are as following:

Design:	\$ 4,512,834 (Lee & Ro)
Administration:	\$ 3,098,198
Construction:	\$ 24,726,530
Construction Management:	\$ 3,540,599 (Jacobs Project Management)
Contingency:	\$ 1,216,876
Est. Total Cost:	\$ 37,095,037

Previous TAC/JPA presentation budgeted costs \$37,400,000.

Funds are available in WBS#S-00315, Point Loma Grit Processing Improvements, Sewer Fund 700009, Metro Sewer CIP.

Schedule:

The schedule for GIP is as follows:

Construction NTP:	March 2011
Substantial Completion:	September 2015
Project Closeout	February 2016

ATTACHMENT 7

SD IRWM RAC Meeting
August 2015

San Diego Integrated Regional Water Management
Regional Advisory Committee Meeting #58
August 5, 2015

Background

The Regional Water Management Group for IRWM Program was established in 2005. This group is made up of the City of San Diego, the County of San Diego, and the Water Authority.

A year later, they established the Regional Advisory Committee (RAC) to assist the Regional Management Group with the original IRWM Plan and to assist on prioritization of Prop 50 funding application. The RAC is made up of 4 groups; Water Supply, Water Quality, Natural Resources and Watersheds, with the recent reorganization, they added the Metro JPA representative to the Water Quality Group. The RAC meet every other month.

San Diego Integrated Regional Water Management Meeting

At the Regional Advisory Committee meeting of August 5, 2015, Eric Stein, Southern California Coastal Water Research Project, presented information on Southern California Flow Ecology Analysis, which focuses on the relationship of stream flow on biological assets. They are looking for a partnership with a local agency within the San Diego River watershed, interested agencies can contact Eric at erics@sccwrp.org.

Emily Fudge, U.S. Forest Service, Cleveland National Forest, presented Watershed Management in Cleveland National Forest, indicating the work that the Forest Service has been performing in protecting and restoring watersheds and areas that they would be interested in obtaining additional financial assistance from interested agencies.

An update on the IRWM Grant Program was presented, see the meeting slides for grant funding status and information.

Jeremy Crutchfield, San Diego County Water Authority, presented Project Completion Report: Carlsbad Desalination Project Local Conveyance, which described the process for conveying product water from the Carlsbad treatment plant to the Twin Oaks treatment plant where this water will be blended with water produced at the Twin Oaks plant.

Information on the status of the Proposition 84 and 1 funding was presented, see the meeting slides for detailed descriptions of the projects involved and definition change.

Next meeting scheduled for October 7, 2015.



Regional Advisory Committee (RAC) Meeting #58

Wednesday August 5, 2015

9:00 – 11:30 am

San Diego County Water Authority

Board Room

4677 Overland Ave., San Diego CA 92123

(858) 522-6600

AGENDA

- 1. Welcome and Introductions**
- 2. Southern California Flow Ecology Analysis – Eric Stein, Southern California Coastal Water Research Project**
- 3. Watershed Management in Cleveland National Forest – Emily Fudge, U.S. Forest Service, Cleveland National Forest**
- 4. IRWM Grant Program**
 - *Project Completion Report: Carlsbad Desalination Project Local Conveyance* – Jeremy Crutchfield, San Diego County Water Authority
- 5. Next RAC Meeting – October 7, 2015**



San Diego IRWMP
Regional Advisory Committee Meeting #58



August 5, 2015

Agenda

- Welcome & Introductions
- **Southern California Flow Ecology Analysis**
- Watershed Management in Cleveland National Forest
- IRWM Grant Program
- Public Comments
- Summary and Next Steps

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Proposition 50 and 84 Grants

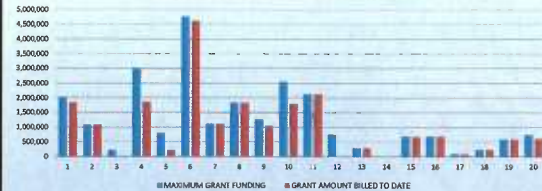
Summary of Grant Program Status

Funding Source	Grant Award (\$)	# of Projects Funded	# Projects Completed/ Close to Completion	Grant Expended (\$)	Status
Proposition 50	\$25M	18	11	\$20.8M	Active
Proposition 84, Planning	\$1M	1	1	\$1M	Complete
Proposition 84, Round 1	\$7.9M	11	2	\$3.9M	Active
Proposition 84, Round 2	\$10.5M	7	0	\$912K	Active
Proposition 84, Drought Rnd	\$15.1M	7	0	\$0	Not Started
Total	\$59.5M	44	14	\$26.6M	

* Excludes Grant Administration Projects and terminated El Monte Groundwater Recharge Project
 † Close to Completion: Exhausted 90% of total budget
 ‡ Data as of August 2015

Proposition 50

Grant Funding vs. Grant Amount Billed to Date



Proposition 50 and 84 Grants

Summary of Prop 84 Grant Awards and Expenditures

IRWM Grant Award (\$)
\$59.5M

Grant Expended (\$) \$26.6M
44% To Date



Proposition 50

Recycled Water Retrofit Assistance Program: Westview Parkway Retrofit Project

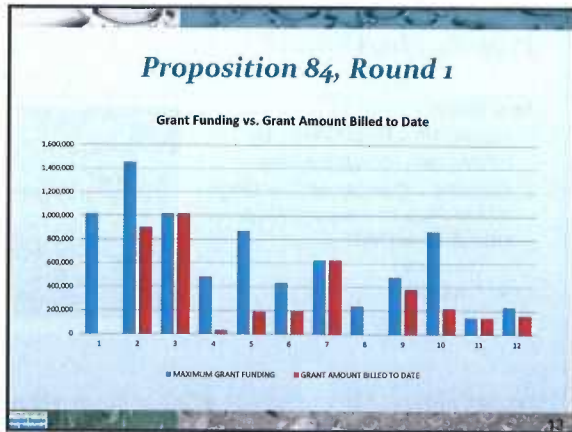


Proposition 50

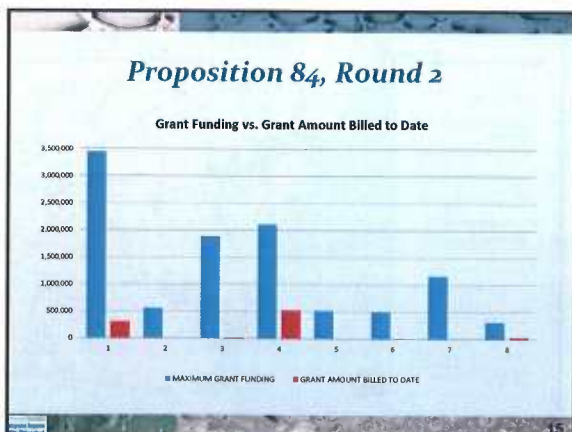
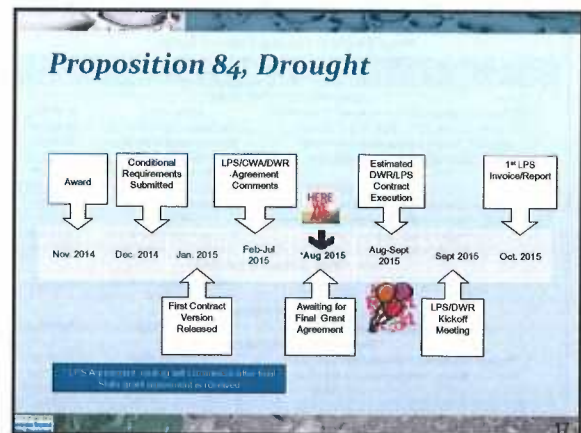
- Milestones
 - Ray Stryer Water Recycling Facility and Demonstration Plant for AWT Facility- Construction Punch List Items Completed
 - Recycled Water Retrofit Assistance Program- Completed Construction: Westview Parkway, Compass Point, Capricorn Way and Camino del Sur
 - CSD Water Distribution System Expansion/Parkland/Reservoir Augmentation- IPR Extended Testing & Final Report Completed
 - South San Diego Water Supply Strategy & San Dieguito Watershed Management Plan Projects- Project Completion Report Submitted, Approved for Close-out, Retention Released
- Amendment no. 9 Pending DWR approval
 - Ray Stryer Water Recycled Facility and Demonstration Plant for AWT Facility, El Capitan Reservoir Watershed Acquisition and Restoration, and SD Basin Infrastructure Study Conceptual Design projects
- Financials:
 - Costs Billed to Date \$20.8M
 - Outstanding Reimbursements \$3.5M

Proposition 84, Round 1

- Projects are continuing as planned
 - Chollas Creek Integration Project Phase I
 - Construction started
 - North San Diego County Demineralization Project
 - Project Completion Report Submitted
 - Regional Water Data Management Program
 - Draft Data Management System Basic Design Recommendation Report Developed; preparing for final report and completion
- Pending Amendment
 - NSD County Regional Recycled Water Project - scope & schedule changes
- Financials
 - Costs Billed To Date: \$3.9M of \$7.9M Award
 - Outstanding Reimbursements \$231K



- ### Proposition 84, Round 2
- Projects with significant milestones:
 - NSD County Regional Recycled Water Project
 - Rincon Del Diablo Recycled Water Expansion Project- completed
 - Rural Disadvantaged Community Partnership Program, Phase 2: San Pasqual Reclaimed Water Project – Begins Construction
 - Chollas Creek Integration Project Phase II Project- Begins Construction
 - Amendment Request
 - NSD County Regional Recycled Water Project - scope & budget changes
 - Financials:
 - Costs Billed To Date: \$912K of \$10.5M Award
 - Outstanding Reimbursement: \$701K



Prop 84-Final Round

Since last RAC Meeting, each LPS:

- Completed a template containing work plan, budget, and schedule
- Participated in a conference call to discuss project information
- QA/QC'd the DWR-format work plan and budget files
- Reviewed the physical benefits analysis for project



Prop 84-Final Round

Next Steps:

- August 4/5 – Final QA/QC by RWMG and consultant team
- August 6 – Completed *San Diego IRWM Prop 84-Round 4 Proposal* submitted to DWR
 - 13 projects
 - 7 chapters



Prop 84-Final Round Project Suite

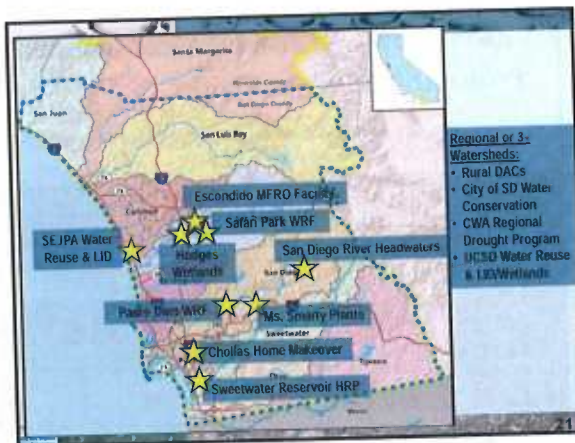
Project	Sponsor	Workgroup Recommendation
Recycled Municipal Wastewater		
UC San Diego Water Conservation and Watershed Protection Project	UC San Diego	\$1,435,000
Padre Dam Water Recycling Facility, Phase 1 Expansion	Padre Dam Municipal Water District	\$6,000,000
Safari Park Drought Response and Outreach Project	Zoological Society of San Diego	\$2,900,000
City of Escondido's MFRD Facility for Agriculture Conservation 101	City of Escondido	\$2,000,000
	San Eljo Joint Powers Authority	\$2,500,000
Urban Water Use Efficiency		
Conserving Water, Creating Energy in the Chollas Creek Watershed	Groundwork San Diego	\$542,000
City of San Diego Water Conservation Enhancement Partnership Project	City of San Diego	\$666,000
2015 Regional Drought Response Program	San Diego County Water Authority	\$3,800,000
Ms. Smitty-Planta Groves Watershed Schools	The Water Conservation Garden	\$652,000
Potable Water Treatment & Distribution		
Rural DAC Partnership Project - Phase III	Rural Community Assistance Corporation	\$3,000,000
Water Quality Protection & Improvement		
Hodges Reservoir Natural Treatment System	City of San Diego	\$2,886,472
Environmental and Habitat Protection		
San Diego River Healthy Headwaters Restoration Project	USDA Forest Service	\$2,116,000
Sweetwater Reservoir Wetlands Habitat Recovery Project	Sweetwater Authority	\$1,500,000
Total		\$30,197,472

Prop 1 - IRWM Chapter

- Change in DAC definition:

- "Economically distressed area" (EDA) is a municipality with <20,000 population with an annual median household income (MHI) <85% Statewide MHI and with one or more of the following conditions:
 - 1) Financial hardship.
 - 2) Unemployment rate >2% higher than Statewide average.
 - 3) Low population density.

CA Water Code §79702(k)



Prop 1 – IRWM Chapter

- Next Steps –
 - In 2016, DWR anticipates \$35 million for planning efforts that directly address EDA needs
 - In 2017, DWR anticipates \$35 million for construction of projects that directly address EDA needs
 - In 2018, DWR anticipates the first round of typical IRWM Grant solicitation

Can the RAC identify any DAC/EDA needs for these funding opportunities?

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Agenda

- Welcome & Introductions
- Southern California Flow Ecology Analysis
- Watershed Management in Cleveland National Forest
- IRWM Grant Program
- Public Comments
- Summary and Next Steps

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2015 Meeting Schedule

- October 7, 2015
 - December 2, 2015
- Regular Meetings Held First Wednesday of Every Other Month -**

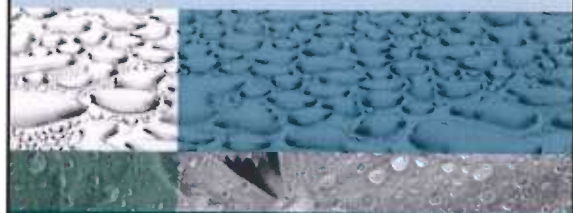
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Public Comments

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San Diego IRWMP Regional Advisory Committee Meeting #58



August 5, 2015

ATTACHMENT 8

MetroTAC Work Plan

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

MetroTAC Items	Description	Subcommittee Member(s)
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
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
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-Dispersibles in Wastewater	9/13: Eric Minicilli handed out a position paper prepared by the NEWEA. <i>6/15 Chairman Humora provided attached from SCAP.</i>	Eric Minicilli
2013/14 Transportation Rate Update	5/13: PUD staff is proposing slightly revising the methodology and increasing the transportation rate. Subcommittee met with PUD staff on 6/12/13 to review calculations. 9/13: PUD staff is having the rate methodology reviewed by engineering staff. They should be meeting with Metro TAC subcommittee within the next month. 5/14: PUD staff has met with subcommittee and will be presenting the current proposal at May Metro TAC. 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

MetroTAC Items	Description	Subcommittee Member(s)
PLWTP Permit Ad Hoc TAC	<p>6/13: Ad Hoc created by JPA at their special June workshop. 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 federal 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 due to successful coordination between water and wastewater agencies.</p> <p>Ad Hoc has been meeting all month and has developed a Concept Paper. Ad Hoc will be giving presentations to PAs City Councils/Board of Directors during July 2013. 9/13: Greg Humora, Leah Browder, and Scott Tulloch have given presentations to most of the governing bodies of the PAs in addition to meeting with environmental groups, San Diego staff and City Council members. A position paper, as well as a presentation, has been prepared. A resolution of support has been adopted by the governing bodies of the PAs. 1/14: The AdHoc outreach group continues to meet with stakeholders and City staff in development of the Program. <i>Milestones are included in each month agenda packet</i></p>	<p>Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese</p>
IRWMP	<p>Bob Kennedy attended the Regional Advisory Committee (RAC) meeting of April 3, 2013. Minutes from this meeting are attached. 6/5/13: Bob Kennedy attended Meeting #43. Minutes are attached to this work plan. The Final 2013 San Diego IRWM Plan has been completed and is available to download at http://sdirwmp.org/2013-irwm-plan-update. 1/14: Bob Kennedy continues to attend RAC meetings and reports back to Metro TAC. 5/14: Bob Kennedy presented minutes from meeting #49 & #50 to Metro TAC 9/14: Meeting No. 52 minutes included in October 2014 Metro TAC agenda. 12/14: Meeting No. 53 minutes included in December Metro TAC agenda.</p>	<p>Bob Kennedy Greg Humora</p>
Fiscal Items	<p>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.</p>	<p>Greg Humora Karen Jassoy Karyn Keese</p>
Recycled Water Revenue Issue	<p>Per our Regional wastewater Agreement revenues from SBWTP are to be shared with PA's. 4/11: City has agreed to pay out revenue to Wastewater Section and PA's credit will be on the Exhibit E adjustments at year end Open issues: Capacity reservation lease payments and North City Optimized System Debt service status. 12/11: Letter sent to San Diego regarding outstanding recycled water revenue issues. 1/14: Karyn Keese continues to meet with City staff to determine the basis of the water department's administrative charges. 4/13: Need Metro TAC member for subcommittee 6/15: <i>Recycled revenues from South Bay to be dispersed to PAs by end of Fiscal Year 2015.</i></p>	<p>Karyn Keese</p>
Water Reduction - Impacts on Sewer Rates	<p>The MetroTAC wants to evaluate the possible impact to sewer rates and options as water use goes down and consequently the sewer flows go down, reducing sewer revenues. Sewer strengths are also increasing because of less water to dilute the waste. We are currently monitoring the effects of this. 2/2011: wastewater revenues are declining due to conservation and flow reductions and agencies are re-prioritizing projects to be able to cover annual operations costs</p>	<p>Eric Minicilli Bob Kennedy Karyn Keese</p>

MetroTAC Items	Description	Subcommittee Member(s)
"No Drugs Down the Drain"	<p>The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of collection events within the region. The MetroTAC, working in association with the Southern California Alliance of Publicly-owned Treatment Works (SCAP), will continue to monitor proposed legislation and develop educational tools to be used to further reduce the amount of drugs disposed of into the sanitary sewer system.</p> <p>8/2010: County Sheriff and Chula Vista have set up locations for people to drop off unwanted medications and drugs. 4/11: Local law enforcement has taken a proactive role and is sponsoring drug take back events. 3/11: TAC to prepare a position for the board to adopt; look for a regional solution; watch requirements to test/control drugs in wastewater. 10/26/11: A prescription drug take back day is scheduled for 10/29/11. Go to www.dea.gov to find your nearest location. 4/12: East County to host a prescription drug take back 4/28/12. 4/27/13 is scheduled to be a county wide take back day. Locations can be found on the DEA website. 5/14: There was a county-wide drug take-back program on 4/26/14. All sheriffs' offices in San Diego County now take-back drugs on a daily basis. 9/14: Measures are being taken through the Attorney General's office to require Drug Stores to take back unused drugs on a national level.</p>	Greg Humora
Strength Based Billing Evaluation	<p>3/20/13: Brown and Caldwell presented their draft results to Metro TAC. This has been added as a standing item to the Metro TAC agenda for discussions on the recommendations. 9/13: This item is complete. 1/14: City staff provided Metro TAC with draft adjustments back to 2004 based on B&C's review of the North City Plants flows. 2/14: The City provided the Finance Committee with draft adjustments back to 1998.</p>	Karyn Keese
Grease Recycling	<p>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. MetroTAC is exploring if a regional facility offers cost savings for the PAs. The PAs are also sharing information amongst each other for use in our individual programs. 3/11: get update on local progress and status of grease rendering plant near Coronado bridge</p>	Eric Minicilli
Padre Dam Mass Balance Correction	<p>11/11: Padre Dam has been overcharged for their sewage strengths since 1998. Staff from City of San Diego presented a draft spreadsheet entitled Master Summary Reconciliations Padre Dam Mass Balance Corrections Calculation. Rita Bell and Karyn Keese were elected to review the documentation and report back to Metro TAC. 2/12: Audit complete. Item added as Standing to Metro TAC agenda. 4/12: This issue is scheduled as a standing item and discussed at each Metro TAC meeting until it is resolved. Currently Metro TAC is focusing on the statute of limitations. 2/13: The PAs have received a joint letter from Padre Dam/City of San Diego. The PA's attorneys group continues to meet on this issue. 3/13: The attorney's group has requested an extension to 4/23/13 to respond to San Diego's letter. 5/13: The attorney's group has submitted a letter to Padre Dam and San Diego. 1/14: City of San Diego has submitted an offer to the attorney's group. The attorney's group met in January to discuss. 2/14: Edgar Patino has prepared a spreadsheet of all open financial issues. Karyn Keese is currently reviewing it. The spreadsheet has been given to the attorney's group. 5/14: Metro TAC will meet with the PA attorney group at the May meeting. 9/14: PA Attorney group has submitted a letter to San Diego and Padre Dam outlining a proposed settlement. 3/15: Numbers have been agreed upon but are unaudited. Attorney's are working on the Protocol. <i>6/15: Final reconciliation has been approved and checks/bills will be sent by the end of 2015 fiscal year.</i></p>	Rita Bell Karyn Keese

MetroTAC Items	Description	Subcommittee Member(s)
Waiver and Recycled Water Study Implementation	11/12: Metro TAC requested a timeline from City staff including milestones for the waiver process. The waiver is due no later than 7/30/15. However, the application needs to be submitted six months prior to the July date (2/1/15). Preparation of the waiver will begin in the early part of FYE 2014. 2/13: City staff has met to start coordination of the waiver process. Staff in attendance included Roger Bailey, Marsi Steirer, Guann Hwang, Steve Meyers, and Allan Langworthy. 5/13: Scott Tulloch has briefed Metro TAC and the Metro Commission/JPA on the waiver's history and secondary equivalency. A JPA workshop to be held in June to further discuss. Scott Tulloch is preparing a briefing paper for the Commission's use. 6/13: JPA workshop held and PLWTP Steering Committee and Ad Hoc TAC were appointed.	Greg Humora Leah Browder Scott Tulloch Karyn Keese
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
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. <i>7/14: Cost allocation group continues to meet on a every two week basis.</i>	Greg Humora Leah Browder Scott Tulloch Rick Hopkins Roberto Yano Kristen Crane Al Lau Bob Kennedy Karyn Keese
Board Members' Items		
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

MetroTAC Items	Description	Subcommittee Member(s)
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
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
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>
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>

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
State WDRs & WDR Communications Plan	The Waste Discharge Requirements (WDRs), a statewide requirement that became effective on May 2, 2006, requires all owners of a sewer collection system to prepare a Sewer System Management Plan (SSMP). Agencies' plans have been created. We will continue to work to meet state requirements, taking the opportunity to work together to create efficiencies in producing public outreach literature and implementing public programs. Project complete: 5/10. 2/12: State has proposed new WDR regulations. Metro TAC will not reopen but Dennis Davies will stay on top of the issue.	Dennis Davies

Completed Items	Description	Subcommittee Member(s)
Ocean Maps from Scripps	Schedule a presentation on the Sea Level Rise research by either Dr. Emily Young, San Diego Foundation, or Karen Goodrich, Tijuana River National Estuarine Research Reserve Project complete: 5/10	Board Member Item
Secondary Waiver	The City of San Diego received approval from the Coastal Commission and now the Waiver is being processed by the EPA. The new 5 year waiver to operate the Point Loma Wastewater Treatment Plant at advanced primary went into effect August 1, 2010. Project complete 7/10	Scott Huth
Lateral Issues	Sewer laterals are owned by the property owners they serve, yet laterals often allow infiltration and roots to the main lines causing maintenance issues. As this is a common problem among PAs, the MetroTAC will gather statistics from national studies and develop solutions. 4/11: There has been no change to the issue. We will continue to track this item through SCAP and report back when the issue is active again. Efforts closed 3/11	Tom Howard Joe Smith
Advanced Water Purification Demonstration Project	San Diego engaged CDM to design/build/operate the project for the water repurification pilot program. 2/8/11: Equipment arrived 3/2011; tours will be held when operational (June/July 2011 timeframe). 2/12: Tours are available. San Diego whitepaper on IPR distributed to Metro TAC members. Closed 4/18/12	Al Lau
SDG&E Rate Case	SDG&E has filed Phase 2 of its General Rate Case, which proposes a new "Network Use Charge" which would charge net-energy metered customers for feeding renewable energy into the grid as well as using energy from the grid. The proposal will have a significant impact on entities with existing solar facilities, in some cases, increases their electricity costs by over 400%. Ultimately, the Network Use Charge will mean that renewable energy projects will no longer be as cost effective. SDG&E's proposal will damage the growth of renewable energy in San Diego County. A coalition of public agencies has formed to protest this rate proposal. 2/12: PUC has not accepted SDG&E's filing. Metro TAC move to close this item. Will continue to monitor this. 8/19: Karyn to check with Paula regarding latest SDG&E issues.	Paula de Sousa
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

Completed Items	Description	Subcommittee Member(s)
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 IRWMPRAC. 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
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

Completed Items	Description	Subcommittee Member(s)
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 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	CROSS's for both Water and WW	10/2011
El Cajon	Dennis Davies	Independent Accountant Financial Review & Analysis – All Funds	01/2012

Updated 11/2012

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		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Joe Smith		
Coronado	Godby, Kim		
Otay Water District	Bob Kennedy		
Del Mar	Eric Minicilli		
Padre Dam	Al Lau		
El Cajon	Dennis Davies		
Lemon Grove	Patrick Lund		
National City	Joe Smith		
Coronado	Scott Huth		
Otay Water District	Bob Kennedy		
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Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		