



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, October 19, 2011

TIME: 11:00 p.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 Meetings of [July 20, 2011](#) and [September 21, 2011](#) (**Attachments**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. Financial Update (Karyn Keese)
4. Landfill Gas Fueled Engine Generator for North City Cogen Facility (Tom Alspaugh) (**Attachment**)
5. Pump Station #2 Power Reliability and Surge Protection Project (Chisti Dadachanji) (**Attachment**)
6. Metro Wastewater Update
7. MetroTAC Work Plan (Standing Item) (**Attachment**)
8. Municipal Transportation Agreements (Standing Item) (Edgar Patino)
9. Review of Items to be Brought Forward to the Metro Commission/Metro JPA Meeting of [November 3, 2011](#)
10. Other Business of Metro TAC
11. Adjournment ([To the next Regular Meeting, November 16, 2011](#))

Metro TAC 2011 Meeting Schedule

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

AGENDA ITEM 1

Attachment



Metro TAC
(Technical Advisory Committee to Metro JPA)

ACTION MINUTES

DATE OF MEETING: June 15, 2011

TIME: Noon

LOCATION: MWWD, MOC II, Auditorium

MEETING ATTENDANCE:

Roberto Yano, Chula Vista
Scott Huth, Coronado
Dan Brogadir, County of San Diego
Dennis Davies, El Cajon
Leah Browder, Poway
Tom Howard, Poway
Greg Humora, La Mesa
Erin Bullers, La Mesa
Augie Caires, Padre Dam MWD
Augie Scalzitti, Padre Dam MWD
Manny Magana, Otay WD
Bob Kennedy, Otay WD
Chris Helmer, Imperial Beach

Eric Minicilli, City of Del Mar
Joe Smith, National City
Mike James, Lemon Grove
Steve Meyer, City of San Diego
Lee Ann Jones-Santos, City of San Diego
Peggy Merino, City of San Diego
Edgar Patino, City of San Diego
Jamie Richards, City of San Diego
Christopher McKinney, City of San Diego
Ann Sasaki, City of San Diego
Guann Hwang, City of San Diego
Karyn Keese, Atkins

- 1. Review and Approve MetroTAC Action Minutes for the Meeting of May 18, 2011**
 - Greg Humora moved approval of the Minutes. Seconded by Manny Magana. Minutes were unanimously approved.
- 2. Metro Commission/JPA Board Meeting Recap**
 - The Commission reviewed the post strategic planning workshop wrap-up.
 - Scott Huth reviewed a meeting that will be held with the City of San Diego staff and the environmental community in early July. This meeting is regarding keeping Point Loma at advanced primary. He and Al Lau will be attending. Discussion also continued regarding the PA comments not being addressed by TM #8 of the Recycled Water Study and continued request for a technical presentation to Metro TAC.
- 3. Financial Update**
 - Karyn Keese reviewed the adopted Metro Wastewater JPA Budget for Fiscal Year 2011/12. It was requested that on the first sheet where the Fund Balance is shown that the required JPA reserves (4 months worth of operating expenditures) are shown as well and then the amount over/under the target reserve.
 - City staff presented the 2011 Year-End Projections. Staff is projecting spending 88% of the Metro operating budget this fiscal year. Year-end is projected to be \$190 million versus the \$217 million budgeted or a \$27 million savings. Substantial savings have been made in chemicals, information technology, and energy and utilities. Of the \$22 million budgeted for CIP the City is projecting that only \$9 million will be spent.

- City staff presented the Mayor's approved budget for Metro. FTE's will be down by 35.95 employees. Most of these are administrative positions eliminated by the consolidation. The overall budget will be \$31 million lower than 2011. Major reductions include:
 - Public Utilities Restructure \$3 million
 - Reduction in CIP Contingency \$2 million
 - Chemicals \$3 million
 - McGuigan Settlement \$1.4 million
 - Reduction in Supplies \$1 million

CIP budget for 2012 is \$10 million. This does not included the annual allocations for the Treatment Plants which is being funded by monies carried-over from 2011.

The Treatment Plant operation and maintenance budgets and projected flows are as follows:

Plant	Flow (MGD)	Budget (Million \$)
Point Loma	154	\$ 21.7
South Bay	8	\$ 6.3
North City	15	\$ 7.6
Return Flows	7.5	\$ 1.0

ACTION ITEMS:

- City staff to revise financial presentations per TAC's input prior to presenting to the Finance Committee and the Metro Commission.
- City staff to provide 10-year CIP.
- City staff to provide more detailed 2012 CIP including annual allocation budgets.
- Karen Jassoy to revise Metro 2012 JPA budget to show required operating reserve.
- Karyn Keese to follow up on the McGuigan Settlement during the 2010 Exhibit E audit.

4. Fourth Amendment to Metro JPA Treasurer's Services Agreement with Padre Dam Municipal Water District

- Karyn Keese reported that this is the annual agreement with Padre Dam and the 2012 Amendment does not have any change in provisions and the costs are exactly as they were in 2011.
- On a motion by Scott Huth, seconded by Dan Brogadir, Metro TAC unanimously approved the Fourth Amendment to Metro JPA Treasurer's Services.

5. Metro Wastewater Update

- There were no additional items except those discussed under Item 3.

6. MetroTAC Work Plan (Standing Item)

- Power Tariff: Roberto Yano met with SCAP representatives. Each agency should meet with their SDG&E representative to determine if there are special programs or incentives they can qualify for. Per SCAP there is no new legislation.
- Recycled Water Study: TM #8 costs estimates are out and PAs provided comments and requested a technical briefing.
- Metro JPA Strategic Plan: Retreat was 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.

7. Point Loma Wastewater Treatment Plant, Future NPDES Permitting Strategies

- City staff presented a detailed but high level Power Point presentation entitled "Future NPDES Permitting Strategies – Preserving the Options". A copy of the presentation is included with the minutes.
- Key slide – No. 8 shows the removal rates for Point Loma for current advanced primary treatment. The plant is currently exceeding its permit limits.
- Scott Huth requested the same information except where we are in relations to secondary treatment. This will be important information to have prior to the meeting in July with the environmental community. Part of the discussion will be if it is more cost effective to spend the estimated \$2.3 billion on taking to Point Loma to secondary or could the money be best spent on providing new water supplies for the San Diego region.
- Bob Kennedy brought up his concern over the following language in the new waiver: "During the next 5-year permit cycle, the applicant has proposed the following improvements to the Metro System. Volume III, Large Applicant Questionnaire section II.A.2, of the application. These improvements are: (1) the ongoing program to bring additional recycled water users online to reduce dry-weather North City WRP flows discharged downstream to the Point Loma WTP and PLOO and South Bay WRP flows discharged to the SBOO; and...." He asked City staff if this requirement was being fulfilled other than just completing the Recycled Water Study. They were not aware of this requirement but said they would look into it and get back to Metro TAC. He also asked about the two slides that mention "plan". The first, slide 15, that states "EPA sees no "plan" in place for San Diego" and slide 20 which mentions "plan" twice. EPA expects San Diego to produce a "Plan" and EPA expects discussion on the "plan" before this permit expires. When asked what this plan includes or to describe this plan, the City's response was there is no plan.

ACTION ITEMS:

- City staff to provide status of Point Loma meeting secondary requirements similar to the information contained in Slide 8 prior to beginning of July.
- City staff to research status of expansion of recycled water program since adoption of most recent waiver and bring information back to Metro TAC.

8. Municipal Transportation Agreements

- Edgar Patino stated that the PAs would be getting a letter from Roger Bailey shortly.

9. Review of Items to be Brought Forward to the Metro Commission/Metro JPA Meeting of July 7, 2011

- Item 4: Fourth Amendment to Metro JPA Treasurer's Services Agreement with Padre Dam Municipal Water District

10. Other Business of Metro TAC

- None.

11. Adjournment (To the Next Regular Meeting, July 20, 2011)

Metro TAC
(Technical Advisory Committee to Metro JPA)

ACTION MINUTES

DATE OF MEETING: September 21, 2011
TIME: 11:00 AM
LOCATION: MWWD, MOC II, Auditorium

MEETING ATTENDANCE:

Roberto Yano, Chula Vista
Scott Huth, Coronado
Dan Brogadir, County of San Diego
Dennis Davies, El Cajon
Kristen Crane
Greg Humora, La Mesa
Erin Bullers, La Mesa
Augie Caires, Padre Dam MWD
Augie Scalzitti, Padre Dam MWD
Al Lau, Padre Dam MWD
Manny Magana, Otay WD
Bob Kennedy, Otay WD
Rita Bell, Otay WD
Chris Helmes, Imperial Beach

Eric Minicilli, City of Del Mar
Joe Smith, National City
Lee Ann Jones-Santos, City of San Diego
Peggy Merino, City of San Diego
Edgar Patino, City of San Diego
Jamie Richards, City of San Diego
Ann Sasaki, City of San Diego
Guann Hwang, City of San Diego
Pam Goln, City of San Diego
Tom Crane, City of San Diego
Gabriel Torres, City of San Diego
Richard Snow, City of San Diego
Amer Barhoumi, City of San Diego
Karyn Keese, Atkins

1. Review and Approve MetroTAC Action Minutes for the Meeting of June 15, 2011

- Minutes were not included with agenda. They will be included in the October 19, 2011 agenda packet and approved at that time.

2. Metro Commission/JPA Board Meeting Recap

- Chairman Huth reported that the key item from the meeting was the discussion of the Recycled Water Draft Report and its Executive Summary as well as the Metro TAC Whitepaper by the Commissioners. Metro TAC will finalize the whitepaper and San Diego has agreed to include it as an Appendix to the Final Draft Report. The Final Draft Report and formal presentation to the Commission will be made in either November/December, hopefully in a workshop format.
- Chairman Huth reported that the Commission has decided to move from monthly to bi-monthly regular meetings. The next meeting of the Commission will not be held until November 3, 2010. He advised San Diego staff to please plan accordingly for capital projects so the Commission can review and potentially approve capital projects and contracts prior to them moving forward to the City Council.

3. Financial Update

- The 2010 CAFR is completed. The Exhibit E audit will be starting in October. Ms. Keese and the City are reviewing the sample size to see if it should be increased for 2010 due

to the integration of water and wastewater into the Public Utilities Department and the transition from the City's old accounting software to SAP.

- Detailed financial statements and CIP updates have been given to IROC. Ms. Keese requested that the same information regarding the Metro System should be provided to Metro TAC and the Commission on a monthly basis

ACTION ITEMS:

- City staff to provide detailed 10-year CIP or updated Master Plan (if completed) at October Meeting
- City staff to provide more detailed 2012 CIP including projects included in annual allocation budgets.
- City to provide Metro System budget updates for Year-End 2011 and current year 2012 at October meeting. Monthly budget updates for Metro O&M and CIP projects should be provided to the Metro TAC.

4. FY12-16 Public Utilities Department Strategic Plan

- Tom Crane from the PUD presented the Department's Strategic Plan.

5. Presentation on the Point Loma Sedimentation Basin

- Iraj Asgharzadeh presented the sedimentation basin project. The twelve existing sedimentation basins at PLWTP were constructed under five different construction contracts from 1962 to 1996. The purpose of this project is to upgrade all the tanks equipment into uniform conformance. Estimated completion date is July 2015. The money for this project is coming out of the Annual CIP Allocation and is already in the budget. See attached Staff Report.
- Metro TAC asked that the 20% to 25% shown for the administrative budget be broken out further into specific categories prior to taking this project to the Metro Commission.
- Upon a motion by Manny Magana, seconded by Roberto Yano, the Metro TAC unanimously approved moving this item on the Metro Commission agenda for review and potential approval.

6. Presentation on Back-up Systems (Stand-by Portable Pumps and Generators for the Metro System)

- Ann Sasaki presented an overview of the Metro System operation during the recent power outage. The City does not have back-up generators at some of their major Metro Pump stations as prior engineering studies showed they had enough redundancy in their connections to SDG&E. The City will be meeting with SDG&E and will be looking into other back-up power systems and will report back to the Metro TAC.
- Joe Smith expressed his concern that he had not been notified of circumstances regarding the status of Pump Station No. 1 and that had the black-out gone on any longer he would have had sewage coming out of manholes in National City. He had inspected several manholes and that the backup sewage from PS1 was within 1 to 5 feet of overflowing his manholes.
- Metro TAC and the City agreed that better coordination between the City and the PAs is needed when an event occurs (black-outs, earthquakes, and any other man made or environmental circumstances).

ACTION ITEMS:

- City staff to provide a disaster mitigation plan to the PAs
- City staff to establish notification protocols with the PAs from and to their EEOC.

7. Recycled Water Study

- A copy of the most recent PA Whitepaper and the “Wastewater Offload from Point Loma” schematic were handed out and reviewed by the Metro TAC members. Chairmen Huth reviewed the schematic and the basic points of the whitepaper with the Metro TAC members.
- Key discussions centered on working to change the regulations to keep Pt. Loma at advanced primary and using the off-load concept as discussed in the whitepaper. Also the capital and O&M cost allocation between water and wastewater need to be developed and that it needs to be noted that wastewater is providing a valuable resource for water for which wastewater should be paid.

ACTION ITEMS:

- Metro TAC members submit comments and modifications to the whitepaper and the schematic to Chairmen Huth and Karyn Keese.
- Chairmen Huth and Karyn Keese complete the whitepaper and submit to the City by the end of the month.

8. Purchase of Additional Ferrous Chloride for Sulfide Control IN Wastewater Plant Digesters and Sludge Pipelines

- The Wastewater Treatment and Disposal (WWTD) Division request approval to award a contract o Kemira Water Solutions for the purchase of additional ferrous chloride for Sulfide Control at the Pt. Loma Digesters and sludge pipelines. This will provide for a net decrease in overall chemical expenditures of approximately \$650,000.
- See attached staff report for full technical explanation.
- Upon a motion by Dennis Davies, seconded by Greg Humora, the Metro TAC unanimously approved moving this item on the Metro Commission agenda for review and potential approval.

9. Metro Wastewater Update

ACTION ITEMS:

- Lee Ann Jones-Santos discussed that Metro staff will be preparing regular budget updates for the Metro System similar to the presentations PUD staff gives to the IROC. These will be given to Metro TAC and the Finance Committee. In addition updates on CIP projects and expenditures will be provided as well.

10. Metro TAC Work Plan

- To be reviewed next month.

11. Municipal Transportation Agreements

- Edgar Patino reported that the PUD staff is working with Poway and Del Mar on their transportation agreements. PUD staff is having bi-weekly meetings with Poway to finalize their agreement in early 2012.

12. Review of Items to be Brought Forward to the Metro Commission

- Items 5 and 8 will be brought forward to the Metro Commission at their November 2011 meeting

13. Other Business of Metro TAC

- There was no additional business of Metro TAC for this meeting.

14. Adjournment

- To the next regular meeting of October 19, 2011.

METRO JPA/TAC Staff Report

Subject Title: Purchase of Additional Ferrous Chloride for Sulfide Control in Wastewater Treatment Plant Digesters and Sludge Pipelines

Requested Action: The Wastewater Treatment and Disposal (WWTD) Division requests approval to award a contract to Kemira Water Solutions for the purchase of additional ferrous chloride for Sulfide Control in the Wastewater Treatment Plant Digesters and Sludge Pipelines

Ferrous chloride (FeCl_2) is a chemical used for hydrogen sulfide (H_2S) control in wastewater treatment plant digesters and sludge pipelines. H_2S is a corrosive chemical that is hazardous to human health. It is a byproduct of bacterial activity in wastewater. Control of H_2S concentrations in the wastewater treatment process is a regulatory and employee safety requirement. Additionally, control of H_2S concentration is important for preserving the collection system infrastructure.

The Point Loma Wastewater Treatment Plant (PLWTP) sludge pipelines suffer from buildup of a hard mineral called vivianite. Buildup of this mineral reduces the effective size of the pipelines, thus leading to more-frequent pump failures and reduced plant reliability. The Wastewater Treatment and Disposal (WWTD) Division conducted a pilot study using ferric chloride (FeCl_3) – another iron salt similar to FeCl_2 – in an effort to reduce vivianite buildup while still controlling the concentration of H_2S . The study aimed to determine whether using FeCl_3 rather than FeCl_2 would slow the rate of mineral buildup and therefore reduce maintenance costs. However, the study determined that to achieve the same sulfide control results, the cost of FeCl_3 was greater than the cost of FeCl_2 . Analysis revealed that the avoided maintenance cost when using FeCl_3 is less than the added cost of this chemical. Therefore, as of July 1, 2011, the PLWTP suspended use of FeCl_3 for H_2S control in wastewater treatment plant digesters and sludge pipelines and returned to the traditional use of FeCl_2 .

The Public Utility Department requests amending the existing contract with Kemira Water Solutions, under the terms of Bid No. 10015313; Contract No. 4600000766, to meet anticipated additional needs for FeCl_2 . The anticipated increased expenditure of \$990,644.88 for FeCl_2 will result in a larger decreased expenditure for FeCl_3 . The net decrease in chemical expenditures will be approximately \$650,000.

FeCl_2 purchased under Bid No. 10015313 is used at multiple WWTD facilities, including the Point Loma Wastewater Treatment Plant, the Metropolitan Biosolids Center, and the North City Water Reclamation Plant. The total expenditure requested (\$1,856,728.48) is anticipated to meet all the Division's FeCl_2 needs.

The Public Utility Department requests authorization to renew the contract with Kemira Water Solutions, for up to four additional one (1) year periods, with annual per unit cost increase not to exceed 15%.

Recommendations:

Metro TAC:	Submitted for consideration on September 21, 2011.
IROC:	N/A- This contract is included in the approved Metro operating budget and does not require IROC review.
Prior Actions: (Committee/Commission, Date, Result)	Submitted for consideration by the Natural Resources and Culture Committee on September 21, 2011; tentatively scheduled for consideration by the full Council on October 4, 2010.

Fiscal Impact: \$1,856,782.48 in FY 2012

Is this projected budgeted? Yes ☒ No ☐

AGENDA ITEM 4

Attachment

METRO JPA/TAC Staff Report

Subject Title:

Purchase a 1.6MW Landfill Gas Fueled Engine Generator for North City Cogeneration Facility Expansion through the National Joint Powers Alliance.

Requested Action:

Recommendation from the Metro TAC and Metro Commission to approve the project, moving it to City Council for approval.

This project will request Council Action authorizing the Mayor, or designee, to award a contract to Hawthorne Power Systems, per the Request for Quotation, using the National Joint Powers Alliance (NJPA). Contract Number 092409-CAT, to provide a Caterpillar G3520C Engine generator system and related skid mounted equipment. It also requests authorizing the Chief Financial Officer to expend a not to exceed amount of \$2,450,000 of which \$2,200,000 is from the Public Utilities Department CIP Fund 700009 and \$250,000 is from the Operating Fund 700001.

Recommendations:

Metro TAC:	Present to JPA/TAC for approval of the purchase
IROC:	For Informational Only- This project is included in the approved Metro CIP budget and does not require IROC review.
Prior Actions: (Committee/Commission, Date, Result)	

Fiscal Impact:

Is this projected budgeted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cost breakdown between Metro & Muni:	100% Metro
Financial impact of this issue on the Metro JPA:	This total investment of about \$3,600,000 should generate savings and revenues of about \$360,000/year

Capital Improvement Program:

New Project?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Existing Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> upgrade/addition <input type="checkbox"/> change <input type="checkbox"/>

Comments/Analysis:

Project Cost:

Equipment	\$2,200,000
Compressor Upgrade	\$ 250,000
Installation	\$ 850,000
Contingency	<u>\$ 300,000</u>
Total budget	\$3,600,000

Previous TAC/JPA Action: Council approval of the City owned North City Cogeneration Facility Expansion's landfill gas fuel source occurred with the Fortistar/MM San Diego Miramar Landfill Gas Power Plants Amendments and Agreements on July 6, 2011.

Additional/Future Action: Presentation of 1472 for engine generator purchase to NR&C prior to City Council. Present design build construction and installation contract (approximately \$850,000) to Mayor for approval.

City Council Action: Request City Council authorization to purchase engine generator.

AGENDA ITEM 5

Attachment

**METRO JPA/TAC
Staff Report**

Subject Title: Pump Station 2 Power Reliability and Surge Protection Project

Requested Action: Past improvements and upgrades have not addressed the backup power for the facility since it went on line in 1963. The PS2 facility currently has three electrical power feeds from SDG&E. Two of the feeds are fed from the same substation. An existing agreement between PUD and SDG&E limits a maximum of two pumps per utility feed under normal conditions and three pumps per utility feed under emergency conditions like heavy rain. Losing two of the three utility feeds will not sustain the power requirements as the pump station will have five pumps available, three electric and two engine driven pumps, instead of all eight pumps that are required during peak flows. EPA (Environmental Protection Agency) guideline recommends that facilities like Pump Station 2 be equipped with two separate and independent sources of electrical power provided from either two separate utility substations or from a single substation and a plant based generator. The current pump station electrical configuration does not comply with the EPA recommendation. Besides satisfying the EPA guidelines, it is also required that force main surge protection be provided at all times to protect the force mains from hydraulic transient in the event of total power failure. The existing engine driven pumps that are driven for surge protection are aging and the maintenance associated with the pumps is high. This new project will provide the required force main surge protection and will comply with EPA recommendation for standby power for essential facilities.

Recommendations:

Metro TAC:	Present to JPA for approval of design and construction.
IROC:	N/A – This project is included in the approved PUD CIP budget and does not require IROC review.
Prior Actions: (Committee/Commission, Date, Result)	

Fiscal Impact:

Is this projected budgeted? Yes <input checked="" type="checkbox"/> X___ No ___	
Cost breakdown between Metro & Muni:	100% Metro
Financial impact of this issue on the Metro JPA:	33.5% of \$31,230,000 = \$10,462,050

Capital Improvement Program:

	New Project? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Existing Project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> upgrade/addition <input type="checkbox"/> change <input type="checkbox"/>
Comments/Analysis:	
Previous TAC/JPA Action: None	
Additional/Future Action: Present to Metro Commission on Nov 3, 2011, NR&C Dec 2011 and City Council Jan 2012.	
City Council Action: Will present to City Council for authorization to Advertise and Award for design in Jan 2012.	

AGENDA ITEM 7

Attachment

**MetroTAC
2010/2011 Work Plan**

MetroTAC Items	Description	Subcommittee Member(s)
Advanced Water Purification Demonstration Project	San Diego engaged CDM to design/build/operate the project for the water repurification pilot program. <i>2/8/11: Equipment arrived 3/2011; tours will be held when operational (June/July 2011 timeframe)</i>	Al Lau
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. The debt finance and reserve coverage issues have been resolved. Refunds totaling \$12.3 million were sent to most of the PA's.	Greg Humora Scott Huth Karen Jassoy Karyn Keese
Recycled Water Revenue Issue	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.	Scott Huth Scott Tulloch Karyn Keese
Water Reduction - Impacts on Sewer Rates	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. <i>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</i>	Eric Minicilli Manny Magaña Karyn Keese
"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. 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. 8/2010: County Sheriff and Chula Vista have set up locations for people to drop off unwanted medications and drugs.4/11: <i>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</i>	Greg Humora
Flushable Items that do not Degrade	Several PAs have problems with flushable products, such as personal wipes, that do not degrade and cause blockages. MetroTAC is investigating solutions by other agencies, and a public affairs campaign to raise awareness of the problems caused by flushable products. We are also working with SCAP in their efforts to help formulate state legislation to require manufacturers of products to meet certain criteria prior to labeling them as "flushable." Follow AB2256 and offer support.	Eric Minicilli
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. 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. <i>3/11: get update on local progress and status of grease rendering plant near Coronado bridge</i>	Eric Minicilli

MetroTAC Items	Description	Subcommittee Member(s)
"Power Tariff"	Power companies are moving to a peak demand pricing scheme which negatively impacts PAs with pump stations and other high energy uses. MetroTAC wants to evaluate the new legislation and regulations, and to identify and implement cost savings efforts for the PAs. (8/2010): John Helminski at the City of San Diego is working on a sustainability project for CoSD 3/11: <i>Prepare a position paper for the JPA board to consider 4/11: John Helminski no longer works for the City. Request update from Paula.</i> 5/31/11: <i>Roberto Yano met with SCAP representatives. Each agency should meet with their SDG&E representative to determine if there are special programs or incentives they can qualify for .Per SCAP there is no new legislation.</i>	Tom Howard Paula de Sousa Roberto Yano
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. <i>TM #8 Costs estimates are out and PAs provided comments on TM#8 and have asked for a technical briefing.</i> Draft report due out mid-summer.	Scott Huth Al Lau Karyn Keese Jennifer Duffy
Recycled Water Rate Study	San Diego is working on a rate study for pricing recycled water from the South Bay plant and the North City plant. MetroTAC, in addition to individual PAs, have been engaged in this process and have 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. <i>draft study still not issued</i>	Karyn Keese Scott Huth Rita Bell
Metro JPA Strategic Initiatives	MetroTAC to develop success measures for the JPA strategic initiatives and suggest a schedule to complete certain items.	Scott Huth Dan Brogadir Karyn Keese
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 CoSD staff; San Diego to provide backup data for TAC to review. This option is also covered in the Recycle Water Study.	Roberto Yano Manny Magaña Karyn Keese Rita Bell
Recycled Water Study Cost Allocation	<i>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.</i>	Scott Huth Roberto Yano Al Lau Karyn Keese
Board Members' Items		
Metro JPA Strategic Plan	2/2011: committee to meet 2/28/11 to plan for retreat to be held on 5/5/11 <i>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.</i>	Augie Caires Ernie Ewin Mark Robak
Rate Case Items	San Diego is starting the process for their next five-year rate case. As part of that process, MetroTAC and the Finance Committee will be monitoring the City's proposals as we move forward.	Karyn Keese
Schedule E	MetroTAC 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.	Karen Jassoy Karyn Keese
Future bonding	MetroTAC 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.	Karen Jassoy Karyn Keese
Changes in water legislation	MetroTAC 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)
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	Scott Huth Karyn Keese
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.	
IROC Performance Audits	Work with IROC to identify areas to be audited; participate in audit process. 8/2010: provide the top 5 areas to audit by September IROC meeting.	Augie Caires

Completed Items	Description	Subcommittee Member(s)
Debt Reserve and Operating Reserve Discussion	In March 2010, the JPA approved recommendations developed by Metro JPA Finance Committee, MetroTAC, and the City of San Diego regarding how the PA's will fund the operating reserve and debt financing. MetroTAC has prepared a policy document to memorialize this agreement. Project complete: 4/10	Scott Huth Karyn Keese Doug Wilson
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	Dennis Davies Patrick Lund
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