



**REGULAR
Meeting of the Metro Commission
and Metro Wastewater JPA**

AGENDA

**Thursday, February 6, 2014
12:00 p.m.**

**9192 Topaz Way (MOC II) Auditorium
San Diego, California**

"The Metro JPA's mission is to create an equitable partnership with the San Diego City Council and Mayor on regional wastewater issues. Through stakeholder collaboration, open dialogue, and data analysis, the partnership seeks to ensure fair rates for participating agencies, concern for the environment, and regionally balanced decisions."

Note: Any member of the Public may address the Metro Commission/Metro Wastewater JPA on any Agenda Item. Please complete a Speaker Slip and submit it to the Administrative Assistant or Chairperson prior to the start of the meeting if possible, or in advance of the specific item being called. Comments are limited to three (3) minutes per individual.

Documentation
Included

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE TO THE FLAG
3. PUBLIC COMMENT
Persons speaking during Public Comment may address the Metro Commission/ Metro Wastewater JPA on any subject matter within the jurisdiction of the Metro Commission and/or Metro Wastewater JPA that is not listed as an agenda item. Comments are limited to three (3) minutes. Please complete a Speaker Slip and submit it prior to the start of the meeting.
- X 4. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETING OF [December 5, 2013](#) (**Attachment**)
- X 5. **PRESENTATION** – SAP EAM PROJECT BRIEFING (Susan Bowman) (**Attachment**)
6. **PRESENTATION** – PERMIT/REUSE ADHOC COMMITTEE UPDATE INCLUDING CONSIDERATION AND POSSIBLE ACTION ON JOINT RESOLUTION SUPPORTING DEVELOPMENT OF A LONG-RANGE REGIONAL WATER REUSE PLAN AND SECONDARY EQUIVALENCY FOR POINT LOMA WASTEWATER TREATMENT PLANT (**Attachment**) (Leah Browder/Greg Humora/Scott Tulloch)
7. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPOINT METRO JPA REPRESENTATIVE TO PARTICIPATE IN THE CITY OF SAN DIEGO PUBLIC UTILITIES DEPARTMENT ANNUAL STRATEGIC PLANNING PROCESS ON MAY 2 – 8:30 TO 1:30; MAY 30 – 8:30 TO 1:30 AND JUNE 20 – 8:30 TO 1:30 (Tom Crane)

February 6, 2014

Metro Commission/Metro
Wastewater JPA Agenda

- X
8. METRO TAC UPDATE/REPORT (**Attachment**) (Greg Humora)
 9. IROC UPDATE (Gail Welch)
 10. FINANCE COMMITTEE (Barbara Denny)
 11. REPORT OF GENERAL COUNSEL (Paula deSousa)
 12. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/ METRO WASTEWATER JPA MEETING **March 6, 2014**
 13. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS
 14. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA

The Metro Commission and/or Metro Wastewater JPA may take action on any item listed in this Agenda whether or not it is listed "For Action."

Materials provided to the Metro Commission and/or Metro Wastewater JPA related to any open-session item on this agenda are available for public review by contacting L. Peoples at (619) 476-2557 during normal business hours.

***In compliance with the
AMERICANS WITH DISABILITIES ACT***

The Metro Commission/Metro Wastewater JPA requests individuals who require alternative agenda format or special accommodations to access, attend, and/or participate in the Metro Commission/Metro Wastewater JPA meetings, contact E. Patino at (858) 292.6321, at least forty-eight hours in advance of the meetings.

AGENDA ITEM 4

Attachment

(December 5, 2013 Draft Minutes)



**Regular Meeting of the Metro Commission
and Metro Wastewater JPA**

**9192 Topaz Way (MOC II) Auditorium
San Diego, California**

December 5, 2013

DRAFT Minutes

Chairwoman Cox called the meeting to order at 12:00 p.m. A quorum of the Metro Wastewater JPA and Metro Commission was declared, and the following representatives were present:

1. ROLL CALL

<u>Agencies</u>	<u>Representatives</u>		<u>Alternate</u>
City of Chula Vista	Cheryl Cox	X	Rick Hopkins
City of Coronado	Barbara Denny	X	Ed Walton
City of Del Mar	Sherryl Parks	X	Eric Minicilli
City of El Cajon	Bill Wells		
City of Imperial Beach	Ed Spriggs	X	
City of La Mesa	Art Madrid	X	
Lemon Grove Sanitation District	Jerry Jones	X	
City of National City	Louis Natividad	X	
City of Poway	John Mullin	X	Leah Browder
City of San Diego	Jerry Sanders		Ann Sasaki
County of San Diego	Dianne Jacob		Mohamad Fakhrriddine
Otay Water District	Jose Lopez	X	
Padre Dam MWD	Jim Peasley	X	Augie Scalzetti
Metro TAC Chair	Greg Humora	X	
IROC Chair	Gayle Welch		

Others present: Metro JPA General Counsel Paula de Sousa; Metro JPA Secretary Lori Anne Peoples; Karyn Keese & Scott Tulloch – Atkins Global; Rick Hopkins and Robert Yano – City of Chula Vista; Majed Al-Ghafry – City of El Cajon; Bob Kennedy– Otay Water District; Al Lau– Padre Dam Municipal Water District; Leah Browder – City of Poway; Edgar Patino, Ann Sasaki - City of San Diego Public Utilities; Tom Zeleny – City Attorney City of San Diego

2. PLEDGE OF ALLEGIANCE TO THE FLAG

Commissioner Mullin led the Pledge.

3. PUBLIC COMMENT

None.

**4. ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE
REGULAR MEETING OF OCTOBER 3, 2013**

ACTION: Upon motion by Vice-Chair Jones, seconded by Commissioner Peasley, the October 3, 2013 Minutes were approved unanimously.

5. **ACTION – PERMIT/REUSE ADHOC COMMITTEE UPDATE INCLUDING CONSIDERATION AND POSSIBLE ACTION ON JOINT RESOLUTION SUPPORTING DEVELOPMENT OF A LONG-RANGE REGIONAL WATER REUSE PLAN AND SECONDARY EQUIVALENCY FOR POINT LOMA WASTEWATER TREATMENT PLANT** (Greg Humora/Leah Browder/Scott Tulloch)

Chair Cox provided an update on the materials that the Metro JPA Clerk had been able to obtain from the different Cities regarding support for secondary treatment at the Point Loma Treatment Center:

City of Chula Vista – Resolution
City of Coronado – Resolution
City of Del Mar – Resolution
City of El Cajon – Attempting to place on December 10, 2013 Agenda
City of Imperial Beach – No action yet, however staff is working with their staff and progress is being made
City of La Mesa – Minute action
City of Lemon Grove – Resolution
City of National City – Resolution
Otay Water District – Resolution
Padre Dam Water District – Resolution
City of Poway – Letter of support
County of San Diego – No action yet, still deliberating with staff on what needs to be and can be done.

Scott Tulloch of Atkins Global summarized that they were attempting to achieve combining the provision of an additional source of water for this region (reuse type water) with the significant issue of what to do about secondary at Pt. Loma. The concept is to support the idea of Potable Reuse of wastewater so that becomes then the supply of potable water that the region needs and by doing that the result would be to offload the Pt. Loma plant by 100 MG per day. It is a 240 MG per day plant so the plant would end up with a planned capacity of 140 MG per day. By doing this results in what we consider secondary equivalency. The secondary equivalency, in its basic form would be the biggest concern to the ocean from an environment and regulatory perspective should be the amount of mass emissions, the amount of solids actually going into the ocean. Right now the plant is permitted to discharge about 13,500 metric tons per year although they discharge far less than that. If the City and Participating Agencies were to spend the billions of dollars to convert the plant to secondary at 240 MG per day, the mass emissions would be just under 10,000 metric tons per year or significantly less than what is permitted for now. On the other hand, if what we are proposing is not done, to offload the flows by 100 MG per day, the end result is a plant that is running at 140 MG per day or less and the mass emissions would be just under 10,000 metric tons. So it is the equivalent as mass emissions go, of secondary at 240 MG, but we see that as a much better use of rate payer money whether it is water or wastewater rate payers. You are getting two bangs for the buck. If you are going to get water supply, you are going to spend billions of dollars, if you are going to convert the plant to secondary you are going to spend billions, but if you just spend once to convert to Potable Reuse as the water supply and don't convert the plant to secondary you've gotten two things for the price of one saving the rate-payer billions of dollars.

All of the details of this are currently being worked on with the City of San Diego staff, stakeholders and environmental stakeholders. One of the key components are they have an idea of what the rate impacts would be if they converted the plant to secondary at 240 MG per day as well as what the rate impacts would be if they had to convert 140 MG per day to secondary. They have a general sense of what the cost impact could be to do the Potable Reuse projects, the 83 plus or minus MG per day of Potable Reuse facilities, advancing the construction of the secondary plant in the So. Bay and are trying to get a more specific idea of that impact. In order to do this they need a conceptual facility plan. What is envisioned so far is something that would occur over 20 years during the time at least 3 advanced water purification facilities would need to be built, 1 near the North City, 1 near the Harbor Drive site and one in the So. Bay. The optimal size of each is now being looked at by the City of San Diego and then some pump stations, pipelines and at some point a secondary plant in the South Bay, and probably some additional tertiary. The City of San Diego is now working on a facilities concept and as soon as that is done a rate model can be run and more detail can be obtained on these various models. This is something the County as well as all participating agencies are waiting for. Ann Sasaki said the

City of San Diego was hoping to have this portion completed by the 13th of December 2013. Mr. Tulloch continued stating that the City of San Diego had tasked their consultants and begun work with their real estate assets department to do those things that will be needed no matter what happens, such as getting the Harbor Drive site into the enterprise fund. The City of San Diego consultants have been tasked to do IPR as well as Direct Potable Reuse criteria development. Additionally, their Engineering consultants have been tasked to review the city sites and 2 pipeline alignment studies; review of Harbor Drive regarding handling solids on site. There is an alternative at North City to do either 15 MG per day or 30 MG per day of Potable Reuse water and are looking at a possible pump station in the Morena area.

Another major issue is secondary equivalency. The concept is understood but there are a lot of Stakeholders as well as regulators who want to understand this in more detail. A couple meetings have been held with one of the lead environmental stakeholders, Alan Langworthy and himself. For those who did not know, Mr. Langworthy was the City of San Diego Deputy Director in charge of the labs and has been in charge of all the waivers so far to date. He is very knowledgeable and keyed into the environmental community. He has been brought back as a retired annuitant to work on the next permit process and is engaged with the JPA to work out the criteria that will be proposed, such as mass emissions being a key criterion. There are other issues such as BOD and so Mr. Langworthy is drafting a white paper to be used for discussing these types of issues. The City of San Diego Deputy City Attorney Tom Zeleny has drafted some language that can be used to speak about if the Clean Water Act were to be amended, what that would look like and is working with one of the environmental attorneys.

These are the 3 big issues, the facility plan, what is secondary equivalency and what is this legislation going to look like and then running rate models. There should be a lot of progress in the next couple of months. The first meeting was held with the new Executive Director Halla Razak and a good exchange occurred.

An additional issue discussed was public outreach and a concern of San Diego County staff was that the City of San Diego outreach on Potable Reuse was not going out beyond their city boundaries. A more collaborative approach is now being discussed. Consideration was requested to have some of the JPA members volunteer some of their outreach staff to work with the City of San Diego staff and their consultants to review the material developed and help get them out to their constituents. City of Coronado representative Denny stated that they would offer one of their staff people to assist in the effort of public outreach.

Chair Cox stated that one of the components of outreach that the JPA needs to remain conscious of is that as a minority player we need to support what San Diego wants to do and there is a real importance to coordinating that effort. The City of Chula Vista would like to be involved in this also. Commissioner Peasley stated that he would also have a staff person to volunteer.

Mr. Tulloch stated that the primary environmental groups represented in this stakeholder process have been Surfrider, Coastkeeper, Audubon and the Coast Law Group. They have had some changes in their make up, but we are working closely as they want to be the ones who take the concept out to their own groups and once the white paper is developed they will be doing more of that. At some point we would look to them to assist us in convincing the elected officials to go with our concept. There has been a very consistent message being put out. Then there is the business community assisting in getting the word out too, one group assisting is the Water Reliability Group who was working on encouraging the Council to approve the concept on Potable Reuse which was approved last year. More needs to be done once we see what the rate impacts will be.

Commissioner Spriggs suggested it was very important that the information provided state who has already adopted Potable Reuse.

6. PRESENTATION – POTABLE REUSE PROJECT – 90 DAY UPDATE (Marsi Steirer)

Ms. Steirer provided a brief Power Point presentation which had been given to the San Diego City Council in July after they acted on the Water Purification Demonstration Report in April. She stated that the intent of the report being provided is to make everyone aware of the number of follow-on tasks being pursued. Basically, the work being pursued today is a blend of the information included in the Water Purification Report and the Recycled Water Study, both of

which were presented last summer to the JPA. They have signing studies underway and are utilizing City of San Diego staff in several divisions and utilizing the Departments as needed contract with Brown & Caldwell and Black & Beech. They are looking at Potable Reuse facility alternatives including: TASK 1) Determining a preferred implementation plan and schedule that considers Potable Reuse options for maximizing local water supply and reducing flows to the Pt. Loma plant (including performing detailed site studies to determine maximum facility sizes and alignments and reservoir studies to determine maximum reservoir augmentation capacities; developing Direct Potable Reuse (DPR) treatment concepts; updating project cost estimates and schedules; identifying preferred IPR and DPR options. TASK 2) Continuing outreach efforts; speakers bureau, community events, facility tours, updating messaging to include demonstration project results, potential full scale facilities, DPR, ongoing research to support Potable Reuse regulations. TASK 3) Developing a strategy for allocating Potable Reuse costs among local water and wastewater funding sources. TASK 4) developing a financing plan utilizing projects and schedules determined in Task 1 and applying cost allocation strategy developed in Task 3. TASK 5) Monitor and development of Direct Potable Reuse regulations (ongoing). TASK 6) Join the Direct Potable Reuse Initiative led by the WaterReuse Research Foundation (complete). TASK 7) Coordinating Potable Reuse implementation strategy with Pt. Loma 2015 Permit Renewal Application (ongoing). TASK 8) Continue AWPf Operations; Direct Potable Reuse research to be conducted at AWPf 2014-2015 grant funding to reimburse operational costs related to DPR research (\$2.8 million); complete Potable Reuse Project tasks to culminate in an implementation strategy (identify projects, timelines, finance needs); emphasize flexibility and adaptability; integrate Indirect and Direct Potable Reuse (IPR/DPR) options; identify IPR/DPR decision points; balance schedule and costs; sustain momentum.

7. ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MEETING CALENDAR FOR 2014

Consensus of the Commission was to change the meeting date of January 2, 2014 to January 9, 2014. July 3 and September 4 will be looked at as the dates get closer.

ACTION: Upon motion by Commissioner Madrid, seconded by Vice-Chair Jones, to approve the meeting calendar as amended. Motion approved unanimously.

8. METRO TAC UPDATE/REPORT

MetroTAC Chair Humora stated that the MetroTAC Work Plan was attached to the agenda and that they did not meet last month.

9. IROC UPDATE

IROC Chair Gail Welch was not present and Metro JPA Representative Natividad stated he had provided the October minutes to the Commissioners via e-mail and will forward the November minutes once approved.

10. FINANCE COMMITTEE

Finance Committee Chair Denny stated that the FY 2011 Audit was complete and awaiting the auditors report, the FY 2012 field work is complete and Atkins Global is preparing the summary for the MetroTAC and Metro JPA Finance Committee review and the FY 2013 field work is underway and it should be noted that upon the completion of this audit we will be up to date for the first time in many years

11. REPORT OF GENERAL COUNSEL

General Counsel de Sousa stated that a tentative decision was received in our favor on the SDG&E solar tariff issue. The Administrative Law Judge ruled to leave the solar tariff untouched which should ensure that public agencies in the County will continue to enjoy the favorable rates. It is believed that SDG&E go through this every 3 years, so it may come back.

12. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING SEPTEMBER 5, 2013

None.

13. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

MetroTAC Chair Humora wished everyone Happy Holidays. Chair Cox requested the City of Chula Vista be wished well as they have a sewer rate increase on their December 17, 2013 Agenda and wished all Happy Holidays and Merry Christmas. City of National City Commissioner Natividad wished everyone Great Holidays and thanked Staff for all of their assistance throughout the year. City of Imperial Beach Commissioner Spriggs stated that he had been appointed to the International Boundary Water Commission. City of El Cajon Assistant City Manager Majed Al-Ghafry wished everyone Happy Holidays on behalf of Mayor Wells and the City of El Cajon. Coronado Commissioner Denny wished everyone Happy Holidays. City of San Diego Deputy Director Ann Sasaki introduced their new permanent Chief Operating Officer Scott Chadwick, new Assistant Chief Operating Officer Stacey LoMedico and new Deputy Chief Operating Officer over the Infrastructure Public Works Branch Tony Heinrichs and new Director Halla Razak started November 12, 2013. Chair Cox wished everyone Happy Holidays.

14. ADJOURNMENT

At 1:03 p.m., there being no further business, Chairwoman Cox declared the meeting adjourned.

Recording Secretary

AGENDA ITEM 5

Attachment

(SAP EAM Project Briefing)



THE CITY OF SAN DIEGO

Metro Wastewater JPA – Technical Advisory Committee

Asset Management Council Policy and SAP Enterprise Asset Management

Susan Bowman, Program Manager

Jane Arnold, Project Manager

January 15, 2014





Asset Management

Council Policy 800-16

- Adopted on November 20, 2013
- Standardized Framework for Asset Owning Departments
- Documents Purpose and Scope of Asset Management in the City
- The *Guidelines* address the “Principles”
- The *Plan Steps* address the “How to”



Asset Management

Council Policy 800-16

- *Asset Management Guidelines*
 - Define the Purpose of Asset Management as a Business Practice
 - State the Intent
 - Document Principles
 - Identify what an Asset Management Program should include



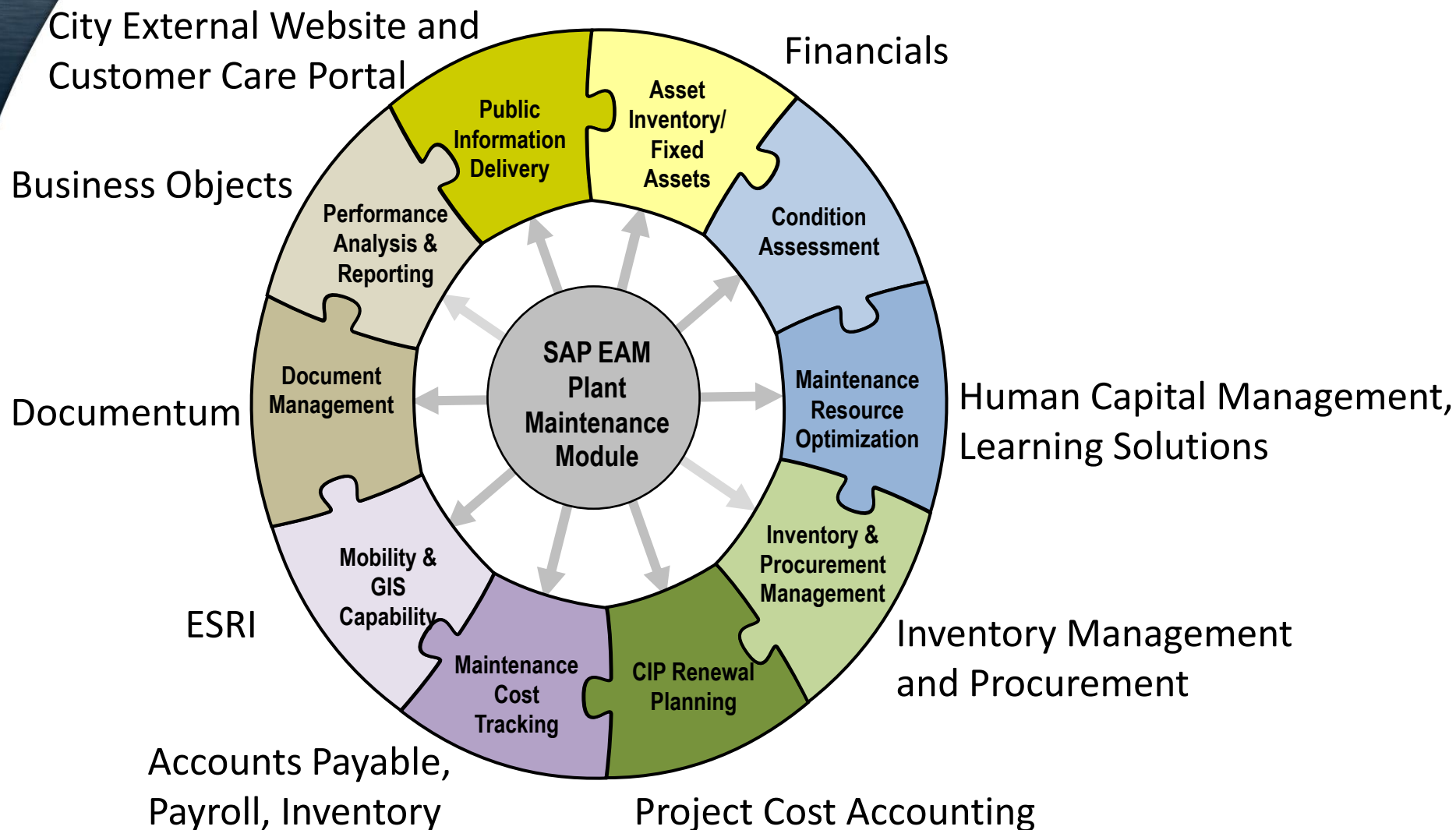
Asset Management Council Policy 800-16

- *Asset Management Plan Steps*
 - A City Standard “How to” Based on Industry Practice of 10-Steps
 - Key Step that the City is improving
 - No need to get one step perfect to advance to the next
 - Confidence Level Rating



SAP Enterprise Asset Management

An Integrated Solution





SAP EAM Converged Project Scope and Vision

A unified system that integrates data and business processes to support the management of assets, which enhances investment and resource decision-making

- Public Utilities – Three robust, independent, unsupported Work Management Systems
- General Fund Synergy – An SAP independent unsupported Work Management System
 - Storm Water, Print Shop, and Communications



Value of the Converged Project

- Single repository for asset decision making
- SAP's integration between all of the functional modules creates interwoven process chains
- Consolidated system provides a single location for all data
- Optimizes equipment productivity benefits
- Provides Condition Assessment integration



SAP EAM Success Factors

- Make use of Lessons Learned from past projects
- Build a high performing committed team
- Incorporate a measured systematic project methodology relevant to the City based upon industry best practices
- Engage industry expertise early on and throughout the project lifecycle
- Asset owning departments will fully participate during business blueprint workshops
- Ensure the project timeline allows for sufficient testing and user adoption. Test, test, test!

Project Timeline

SAP EAM Project Implementation Estimated Duration

Project Pre-Work: SAP Architecture Design Workshops and Data Migration Planning Activities

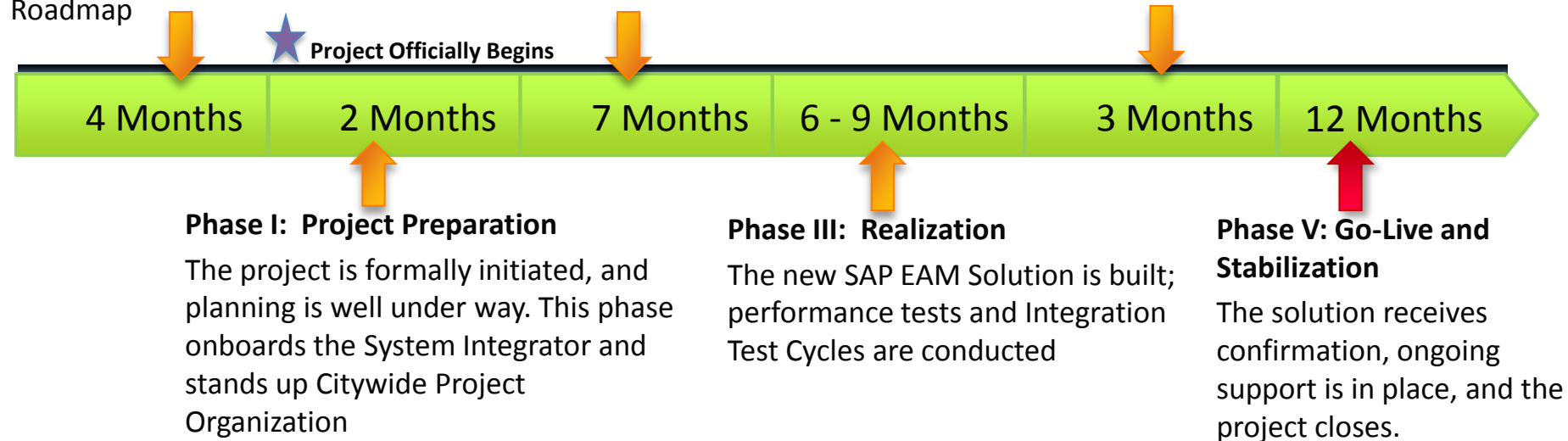
Conduct citywide workshops
Design SAP EAM Architect Solution Roadmap

Phase II: Business Blueprinting

The project team gathers requirements and conducts Citywide workshops

Phase IV: Final Preparation

End users are trained; this is a final check before cutover to the new SAP EAM Solution. Final Prep includes testing of all end to-end business processes and systems (user acceptance)



The above represents the project ASAP Methodology Project Phases



Project Costs

Department	City Staff (Labor Expense)	Professional Consulting Services	Hardware / Software	Other	Total
Public Utilities	\$ 5.51	\$20.30	\$4.60	\$0.18	\$30.59
General Fund	\$ 4.45	\$ 2.50	\$0.50	\$ 0.0	\$ 7.45
Total	\$9.96	\$22.80	\$5.10	\$0.18	\$38.04

Note:

1. Dollars displayed in millions
2. The project cost estimate was developed by the SAP EAM Project Management Office. Estimates are a rough order of magnitude and based on extrapolations from costs incurred by similar City projects.
3. FY 2013 Department of Information Technology Enterprise Asset Management (EAM) – SAP / S13013 and FY 2014 Public Utilities CIP S14000 projects will fund this initiative.
4. Project Duration: 3-4 years spanning across Fiscal Year 2014 – 2017
5. Labor Expenses of \$9.96 million represents the re-assignment of existing City staff and considered “soft costs”. These positions are currently funded by their respective department’s budget.

AGENDA ITEM 8

Attachment

(MetroTAC Work Plan)

MetroTAC
2012/13 Work Plan
January 2014 (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. <i>1/14: The contract has been negotiated and approved and Vision has started on the framework for the website.</i>	Greg Humora Karyn Keese
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. A copy is attached to this work plan.	Eric Minicilli
2013 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.	Al Lau Dan Brogadir Karyn Keese
PLWTP Permit Ad Hoc TAC	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. 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. <i>1/14: The AdHoc outreach group continues to meet with stakeholders and City staff in development of the Program.</i>	Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese
IRWMP	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 . <i>1/14: Bob Kennedy continues to attend RAC meetings and reports back to Metro TAC.</i>	Bob Kennedy 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. 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

MetroTAC Items	Description	Subcommittee Member(s)
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. 12/11: Letter sent to San Diego regarding outstanding recycled water revenue issues. <i>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</i>	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. 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	Eric Minicilli Bob Kennedy 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: 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.	Greg Humora
Strength Based Billing Evaluation	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. <i>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.</i>	
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. 3/11: get update on local progress and status of grease rendering plant near Coronado bridge	Eric Minicilli
Padre Dam Mass Balance Correction	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 statue 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. <i>1/14: City of San Diego has submitted an offer to the attorney's group. The attorney's group met in January to discuss.</i>	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
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
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.	Roberto Yano Bob Kennedy Karyn Keese Rita Bell
Recycled Water Study 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.	Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese
Board Members' Items		
San Diego Wastewater 50 th 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

MetroTAC Items	Description	Subcommittee Member(s)
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.	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
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?	
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
Metro JPA Strategic Plan	6/12: Chairman Ewin to establish a subcommittee to monitor the progress of strategic plan initiatives.	Who should take over?

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. 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
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 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
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