



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, July 16, 2014

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 Meeting of [June 18, 2014](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **PRESENTATION:** Pure Water San Diego Facilities Plan (Ann Sasaki)
4. **Action:** "Amendment to the As-Needed Engineering Consultant Services 2012 - 2015" (Monika Smoczynski)
5. Metro Wastewater Update (Standing Item)
6. Metro Capital Improvement Program and Funding Sources (Standing Item) (Guann Hwang)
7. MetroTAC Work Plan (Standing Item) (**Attachment**)
8. Financial Update (Standing Item) (Karyn Keese)
9. Point Loma Permit Renewal (Standing Item) (**Attachment**)
10. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (**August 20, 2014**)
11. Other Business of Metro TAC
12. Adjournment ([To the next Regular Meeting, July 16, 2014](#))

Metro TAC 2014 Meeting Schedule

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

Agenda Item 1

Action Minutes

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

ACTION MINUTES

DATE OF MEETING: June 18, 2014

TIME: 11:00 AM

LOCATION: MWWD, MOC II Auditorium

MEETING ATTENDANCE:

Greg Humora, La Mesa
 Al Lau, Padre Dam MWD
 Dennis Davies, El Cajon
 Majed Al-Ghafry, El Cajon
 Roberto Yano, Chula Vista
 Ed Walton, Coronado
 Kristen Crane, Del Mar
 Stephen Beppler, Otay WD
 Leah Browder, Poway
 Guann Hwang, City of San Diego
 Peggy Merino, City of San Diego
 Edgar Patino, City of San Diego
 Tung Phung, City of San Diego
 Marie Wright-Travis, City of San Diego
 Jeanne Cole, City of San Diego

Hossim Azar, City of San Diego
 Anita Pyle, City of San Diego
 Dave Weil, City of San Diego
 Mohammad Rahman, City of San Diego
 Christi Dadachanji, City of San Diego
 Allan Langworthy, City of San Diego
 David Stallman, City of San Diego
 Amer Barhom, City of San Diego
 Alex Nuffer, City of San Diego
 Sarah Douglas, City of San Diego
 Patrick Larkin, City of San Diego
 Karyn Keese, Atkins
 Scott Tulloch, Atkins
 Rachael Kulis, Atkins

1. **Review and Approve MetroTAC Action Minutes for the Meeting of May 21, 2014.**
 Roberto Yano moved approval of the May 21, 2014 minutes. The motion was seconded by Vice Chair Al Lau and the minutes were approved unanimously.
2. **Metro Commission/JPA Board Meeting Recap (Standing Item)**
 - Received the presentation by the San Diego County Water Authority on their Long-Range Water Planning for Water Reliability and Fiscal Sustainability
 - Received a presentation on Metro 2015 Operations and Capital Budgets
 - Received an update on the Pure Water Program
 - Reviewed the FY 2014 Muni Transportation Rate
 - Unanimously approved the ARC Flash Hazard/Short Circuit Coordination Study
 - Approved the South Bay Water Reclamation Plant – Demineralization Project with Otay voting no
3. **PRESENTATION:** Point Loma Permit Process and the Concept of Secondary Equivalency.
 Alan Langworthy gave a technical presentation on the waiver process and the move towards secondary equivalency. He had just given this same presentation to the Mayor's stakeholders group and it was favorably received. He explained the risks of continuing to pursue a waiver every five-years because of the changes in such things as regulations and political will. This concern was echoed by other Metro TAC members as it could lead to rate instability. City staff had a very positive meeting with EPA regarding the Pure Water Program. EPA stated that the Pure Water Program's facilities plan must be included in the waiver application. The key to

success of the Program is meeting the mass emissions cap and getting permanent legislation. In addition PUD staff met with Coastal staff last week. Establishing the commitment to water reclamation enforceable milestones will be key to gaining support of the Coastal Commission's approval of the waiver application.

4. **ACTION: Solar Photovoltaic Public Attachment MOC Complex.**

A revised staff report was handed out (included as Attachment A) regarding this project. The installation of solar photovoltaic's (PV) on the MOC campus will have \$150,000 per year savings in electricity. PUD staff estimates a 12.7 year payback period for this project. The Project is going to San Diego City Council in September 2014. Chairman Humora suggested that the staff report should be revised before going to the Metro Commission/JPA to remove the discussion of the Bayview Project as it is not a Metro project and to include the annual savings and payback period. On a motion by Leah Browder, seconded by Vice-Chair Al Lau the Metro TAC unanimously approved moving this item to the Metro Commission/JPA for their review and potential approval.

5. **ACTION: Emergency Notification Strobe Lights at Various Facilities.**

Presently, the Metro Biosolids Center (MBC), South Bay Water Reclamation Plant (SBWRP) and North City Water Reclamation Plant (NCWRP) has an audio Public Address System (PAS) wired to all the process facilities to warn plant personnel of any emergency event. Unfortunately, several process areas in the plants are very noisy due to sounds of rotating mechanical equipment, flowing waste water, or military jets flying overhead like at MBC. These noises can drown out the PAS's audible alarm and thus may be missed by an operator working in the area. The strobe lights would be installed to go off in these areas in case of an emergency event. The total project is \$714,000 with \$400k in actual construction costs. Guann Hwang asked for clarification of when Metro TAC would like to see capital projects. Chairman Humora stated that Metro TAC and the Commission/JPA would like to see all projects. On a motion by Vice-Chair Al Lau, seconded by Roberto Yano the Metro TAC unanimously approved moving this item to the Metro Commission/JPA for their review and potential approval.

6. **FY15 Proposed Budget - Response to Metro TAC May 2014 Questions.**

Edgar Patino reviewed the response to the questions asked at the May meeting regarding the additional staff positions added in the FY15 proposed budget. There was no further discussion or questions.

7. **PRESENTATION: "Water – Too good to use just once – Padre Dam's approach to a new local water supply"**

Vice Chair Al Lau gave a presentation on Padre Dam's Advance Water Purification Project. A copy of key slides is included as Attachment B to these minutes. Currently Padre Dam produces 2 mgd of recycled water and 2.5 mgd of sewage goes to the Metro System for transportation and treatment. In addition, Padre Dam sends their sludge to the Metro System. Phase 1 on their IPR project would expand their plant so that the full 4.5 mgd of sewage could be used for recycled water and IPR. Their solids would go to the Sycamore landfill and digested to produce methane gas as offset revenue. Phase 2 of the project could be an expansion of Phase 1 and expand the plant to treat sewage from Lakeside/Alpine and El Cajon and sell the additional water to Helix Water District. This project could offset 15.5 mgd of San Diego's offload requirement of wastewater and provide East County with a new local, reliable water supply.

8. **Metro Wastewater Update (Standing Item)** There was no report this month.

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

PUD staff reviewed the 5-year CIP spreadsheet starting with FYE 2015. The FYE 2015 total CIP

is estimated at \$29.6 million. However staff anticipates only \$14.5 million in Pay-Go CIP in FYE 2015 as shown below:

\$	29.6	Total CIP
\$	(5.7)	Less Grit Project SRF Funding
\$	(9.4)	Less 40% Execution Reduction
\$	14.5	Total Anticipated Pay-Go

10. MetroTAC Work Plan (Standing Item)

Karyn Keese reported that Commissioner Jones from the Metro Commission/JPA had requested that the Metro Agencies rate survey be shown at 14 HCF monthly versus the current 7 HCF monthly because 14 HCF is closer to the basis for EDU rate structures such as Lemon Groves, the County, Coronado, etc. It was decided to leave the rate survey at 7 HCF monthly for now because a monthly comparison is more helpful to most agencies, but to update it as of new rates effective July 1, 2014.

11. Financial Update

There was no financial update at this meeting.

12. Point Loma Permit Renewal

Leah Browder reported that there should be draft cost allocations on the IPR project by the end of this month. She handed out an Ad Hoc Permit/Reuse Meeting dates schedule and other draft summary documents and reviewed them with Metro TAC members.

13. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (August 7, 2014)

Items 3 to 5 will be moved forward to the Metro Commission/JPA. Item 3 is tentative dependent on progress on the waiver application and movement in the process to secure secondary equivalency permanent legislation during July.

14. Other Business of Metro TAC

SDG&E will be giving a presentation on their proposed peak rate change plan at the July meeting.

15. Adjournment (To the next Regular Meeting, July 16, 2014)

ATTACHMENT A

METRO JPA/TAC
Staff Report
Date: June 11, 2014

Project Title: Metro Operation Complex Solar Photovoltaic System

Requested Action:
Approve the project

Recommendations:
Recommend MetroTAC's approval for the MOC Campus Solar Photovoltaic System

Metro TAC:	June 18, 2014
IROC:	IROC Subcommittee - Infrastructure and Operations: June 9, 2014; Approved. IROC Full Committee – June 16, 2014; Approved.
Prior Actions: (Committee/Commission, Date, Result)	La Jolla Community: June 5, 2014; Supportive. Recommend neighborhood outreach

Fiscal Impact:

Is this projected budgeted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cost breakdown between Metro & Muni:	Total estimated cost for MOC Solar Project: \$2,510,200 ESD Energy Fund Transfer: \$975,000 Remaining Budgeted Cost: \$1,535,200 Metro: \$307,040 (20%); Muni: \$798,304 (52%); Water: \$429,856 (28%)
Fiscal impact to the Metro JPA:	\$102,858.40 (33.5%)

Capital Improvement Program:

New Project?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Existing Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Upgrade/addition <input type="checkbox"/> Change <input type="checkbox"/>

Previous TAC/JPA Action:
None

Additional/Future Action:

City Council Action:
Projected for September 9, 2014

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

The Solar Working Group (SWG), an internal team of professionals from the Public Utilities Department (PUD) and the Environmental Services Department (ESD) was asked to investigate the installation of solar photovoltaics (PV) at all major existing PUD facilities. They focused on properties with large roof areas, parking lots, large structural tank/reservoir covers.

Two of the sites were ultimately identified as quality candidates for PV. PUD's Metropolitan Operations Complex (MOC) campus, utilizing about 50,000 square feet of rooftops and parking-lot space to install total 500kW photovoltaic system. And at the Bayview Water Pump Station and Reservoir, utilizing about 40,000 square feet of Bayview reservoir roof to install about 500kW photovoltaic system, which will provide power to the adjacent Bayview Water Pump Station. These two locations provide substantial cost and energy benefit to the PUD.

Recognizing the critical importance of resource sustainability and the opportunity to implement fiscally sound solar projects, the City of San Diego issued a Request for Qualifications (RFQ) soliciting highly qualified solar energy PV design-builders. Through the RFQ process, the City has developed a shortlist of solar design-builders for an as-needed solar energy contract with not to exceed amount of \$15 million over maximum three years. The shortlist of design-builders will be utilized to solicit proposals for PV installation and repair for PUD and City's facilities. MOC PV project will be implemented through this as-needed contract.

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

Bid Results: *If bidding was done provide bidding format and results*
Shortlist generated with four contractors, needs Council approval.

ATTACHMENT B

WATER...

into ground for recycling reuse

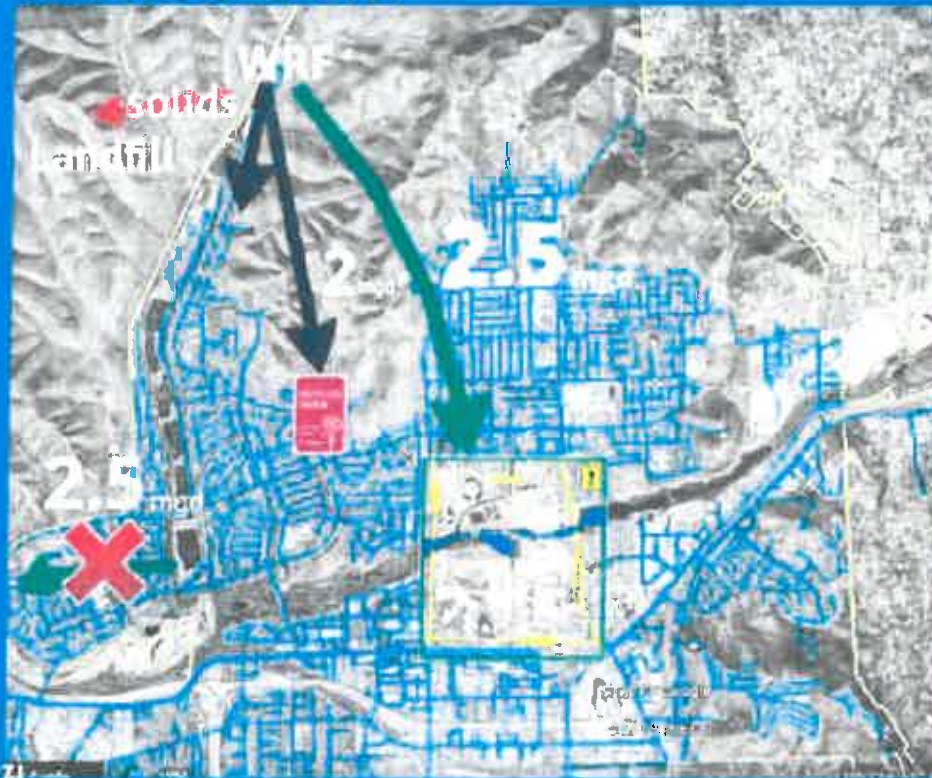


Prezi

Current Recycling

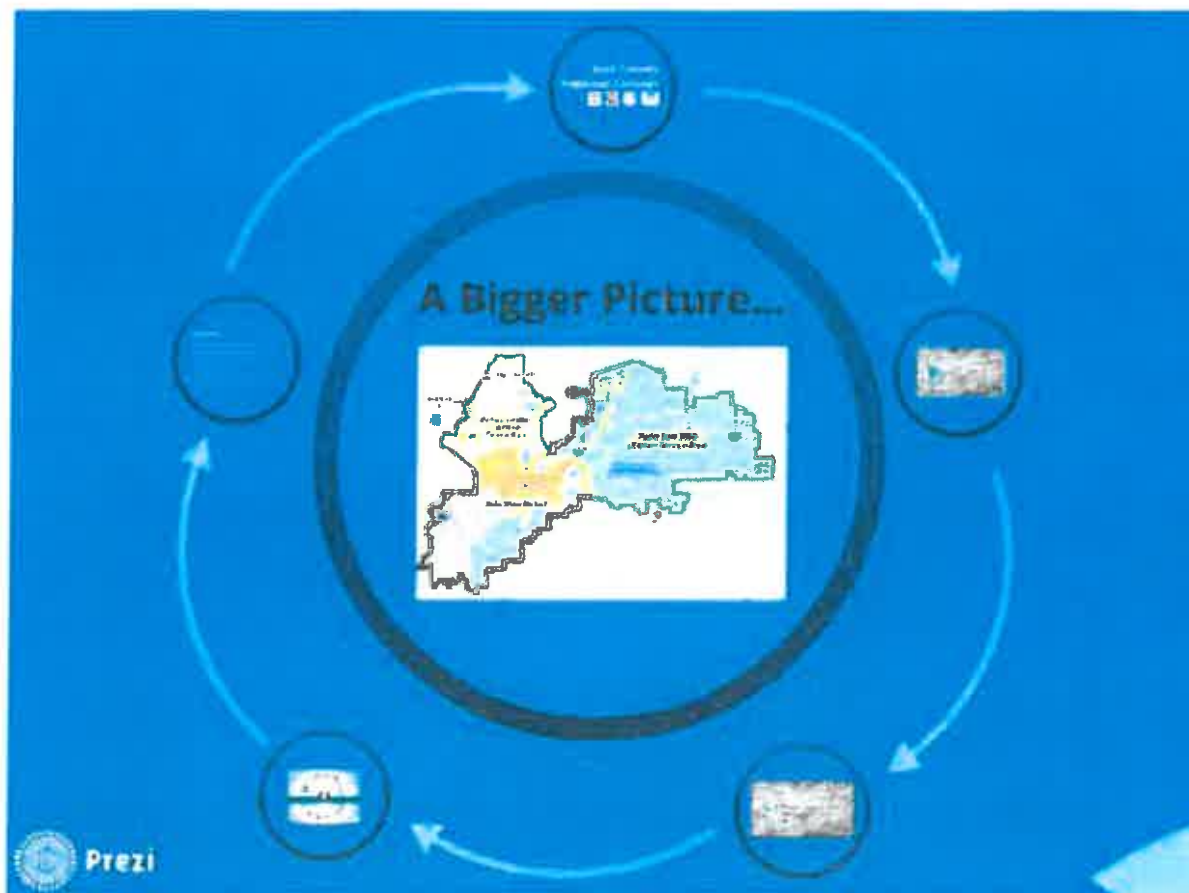
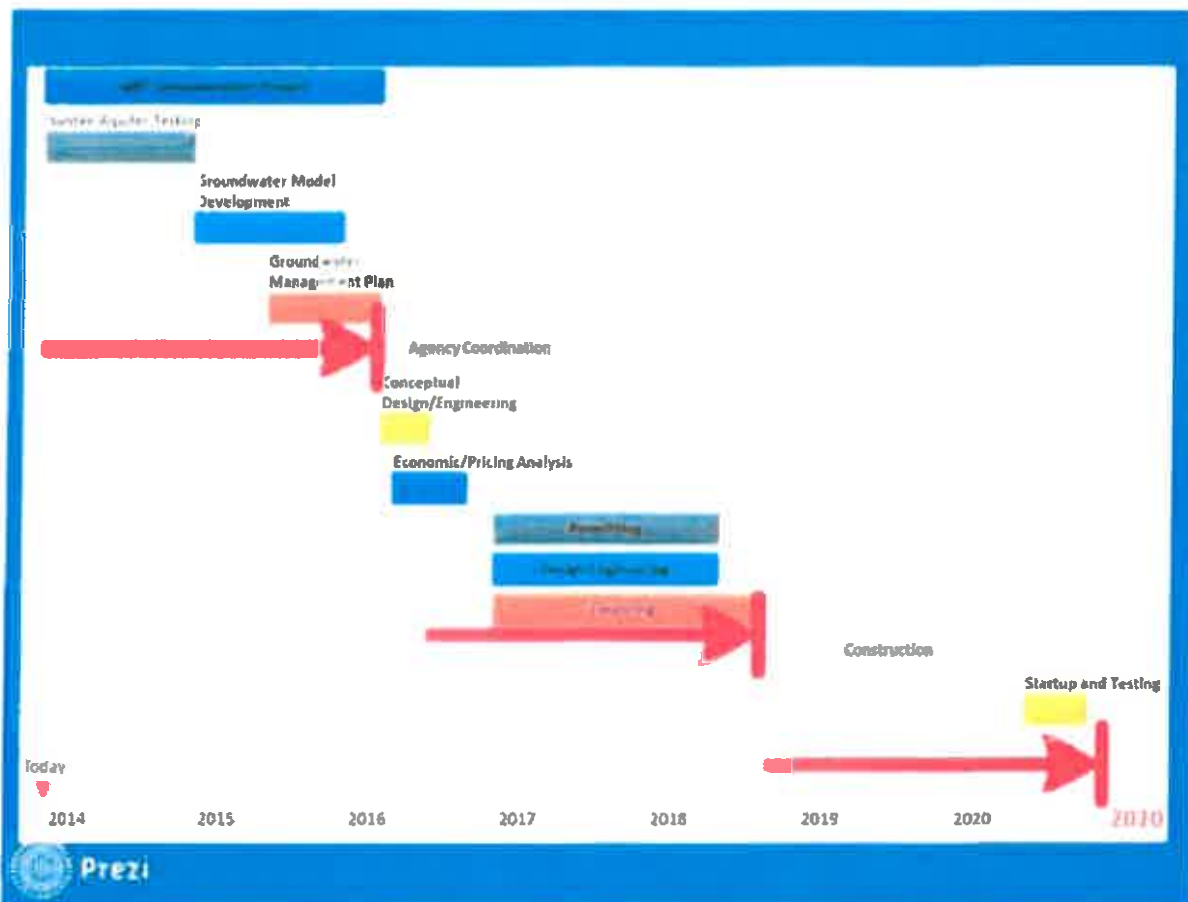


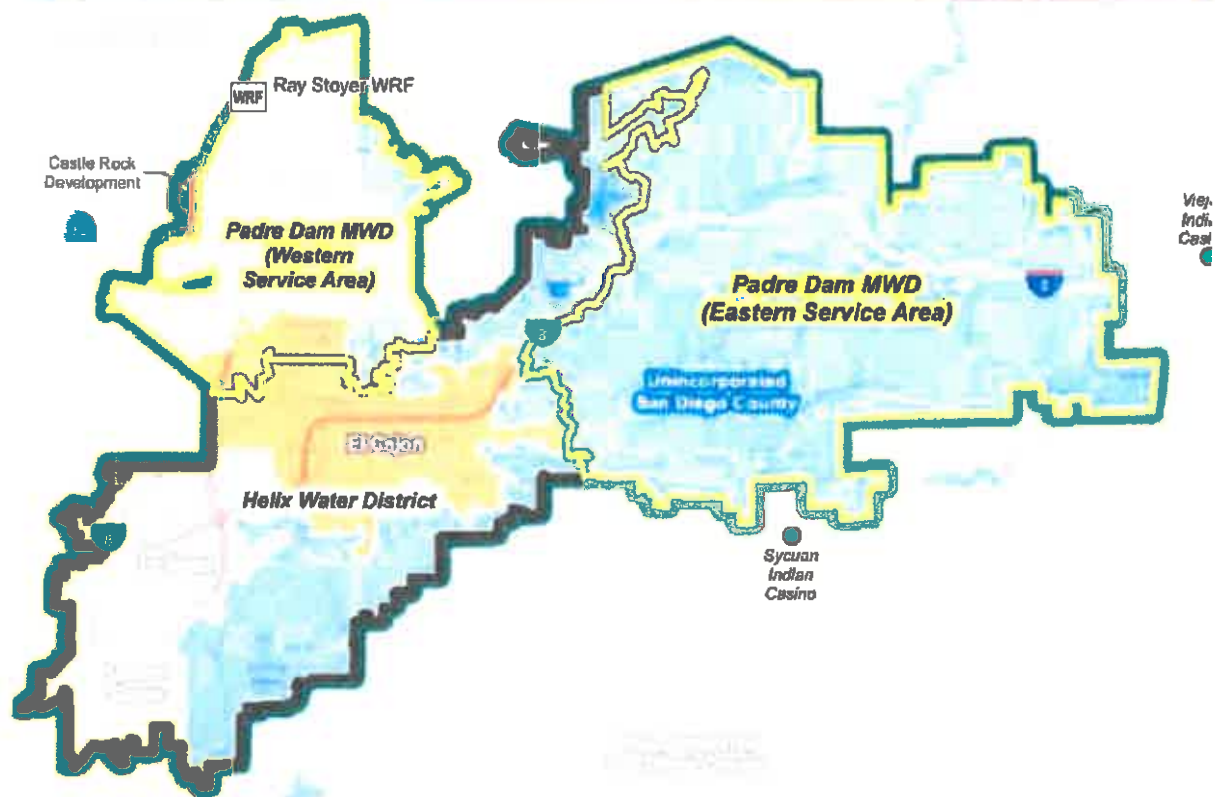
Santee GRRP



4 Additional Water Treatment Steps...

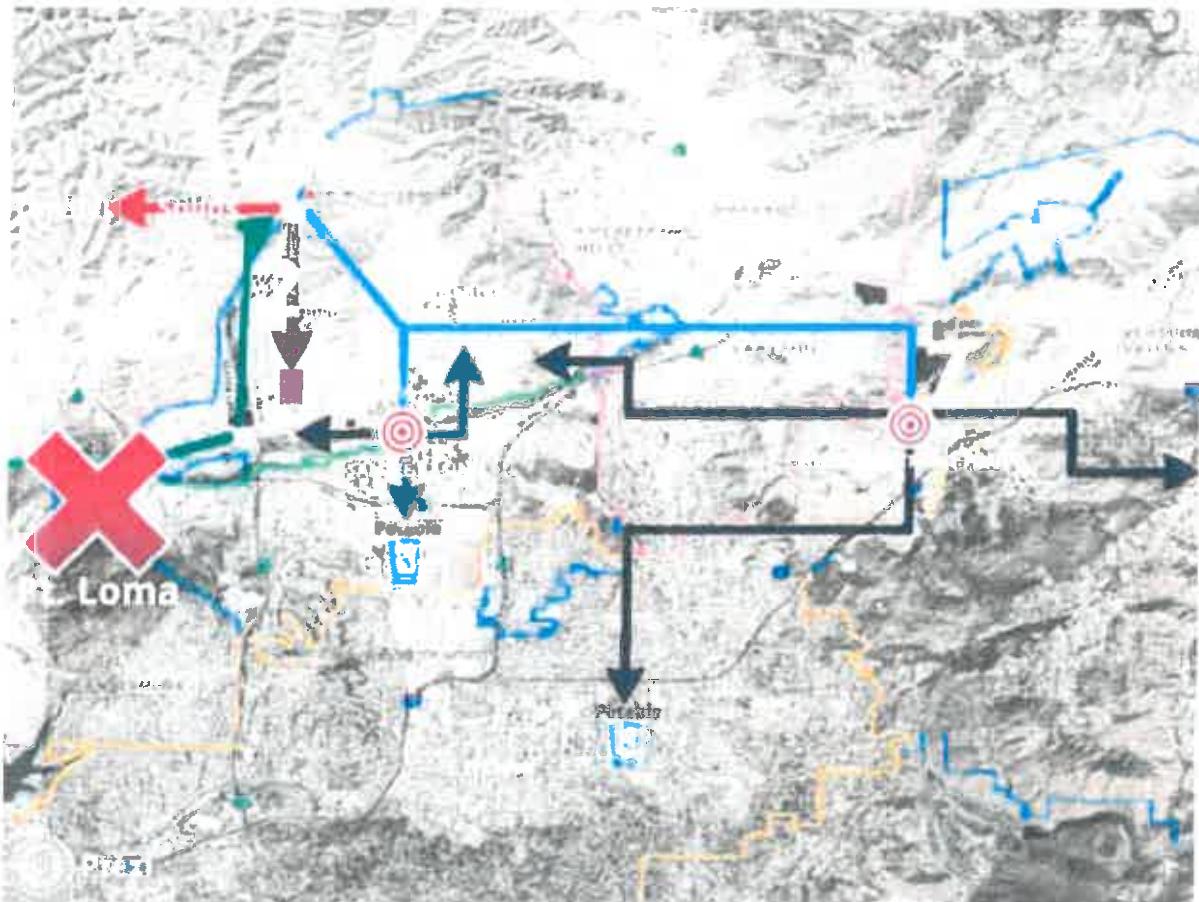






Regional Flows





BENEFITS

More cost effective regional solution

New LOCAL, RELIABLE water supply

Reduce City's offload requirements of wastewater

Invest in the East County communities

Collaboration is good governance

Agenda Item 4

Amendment to the As-Needed
Engineering Consultant Services
2012-2015

METRO JPA/TAC
Staff Report
Date:

Project Title: Amendment 1 to the As-Needed Engineering Consultant Services 2012 – 2015 Agreement with Brown and Caldwell

Requested Action: Approve Amendment 1 to the As-Needed Engineering Consultant Services 2012-2015 Agreement with Brown and Caldwell

Recommendations: Approve Amendment 1 and proceed to forward item to Metro Wastewater JPA for approval

Metro TAC:	Approval
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IROC:	N/A
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Prior Actions: (Committee/Commission, Date, Result)	None
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Fiscal Impact:

Is this projected budgeted?	Yes <u>X</u> No ____
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Cost breakdown between Metro & Muni:	It is estimated that the funding will be distributed as follows: Water: 40%, Wastewater: 60% (Metro: 40%, Muni: 20%).
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Fiscal impact to the Metro JPA:	Estimated fiscal impact=\$264,000
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Capital Improvement Program:

New Project?	Yes ____	No <u>X</u>	N/A ____
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Existing Project?	Yes ____	No ____	Upgrade/addition ____	Change <u>X</u>
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Previous TAC/JPA Action: Original agreement was presented and approved by Metro TAC on August 15, 2012 and Metro Wastewater JPA on October 4, 2012.

Additional/Future Action: Present item to Metro Wastewater JPA and Environment Committee prior to City Council approval.

City Council Action: City Council approval is anticipated on September 9, 2014.

Background: Please view attachment.

Discussion: Please view attachment.

Bid Results: N/A

CITY OF SAN DIEGO
PUBLIC UTILITIES DEPARTMENT
Engineering and Program Management Division

Project Name: Amendment 1 to the As-Needed Engineering Consultant Services 2012 – 2015 Agreement with Brown and Caldwell.

Project Description:

The Engineering and Program Management Division within the Public Utilities Department provides engineering services for operation upgrades and improvements at water and wastewater facilities. These engineering services are generally provided by City staff. However, occasionally, it has been necessary to utilize outside as-needed consultant staff to access highly specialized expertise which is only needed for infrequent types of projects and to accommodate emergency projects.

The Department uses professional engineering consultant to provide specialized technical services in the area of civil, mechanical and electrical engineering. It is the Departments policy to maximize the use of City in-house engineering staff both within the Department and Citywide. However, on those occasions when specialized expertise is required, the Department recommends the use of an as-needed professional engineering consultant.

The original as-needed engineering agreement between the City of San Diego and Brown and Caldwell was adopted by City Council on March 19, 2013, via Resolution No. R-308042. The agreement was issued for an amount not to exceed \$5.0 million with a contract duration for three (3) years. To date, a total of eighteen (18) task orders have been authorized under this agreement and four (4) additional task orders are in the process of being authorized. As a result, the Department has expended approximately \$4.6 million or 92% of the base funds within the first year of the agreement due to the required engineering support on several critical projects. Amendment 1 is requested to increase the not-to- exceed agreement value by an additional \$2.0 million to a total not-to-exceed amount of \$7.0 million. The additional funding will be utilized to execute immediate and near term engineering services. It is anticipated that Amendment 1 will provide a sufficient level of funding for the remaining duration of the agreement.

Cost and Schedule:

The proposed Amendment 1 to the As-Needed Engineering Consultant Services for 2012 – 2015 contract with Brown and Caldwell has a total cost value of not-to-exceed \$2.0 million. It is estimated that the funding will be distributed as follows: Water: 40%, Wastewater: 60% (Metro: 40%, Muni: 20%).

The following schedule is anticipated:

SCHEDULE	
Environment Committee	July 23, 2014
City Council Approval	September 9, 2014
Issue Amendment 1	October 31, 2014

Agenda Item 7

Metro TAC Work Plan

**MetroTAC
2013/14 Work Plan
July 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. 1/14: The contract has been negotiated and approved and Vision has started on the framework for the website. 5/14: Website should be completed in July.	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
2013/14 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
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. 1/14: The AdHoc outreach group continues to meet with stakeholders and City staff in development of the Program. <i>See Milestones attached to this agenda.</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 . 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	Bob Kennedy Greg Humora

MetroTAC Items	Description	Subcommittee Member(s)
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
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. 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	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. 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.	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. 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.	Karyn Keese
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy. 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

MetroTAC Items	Description	Subcommittee Member(s)
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 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.	Rita Bell Karyn Keese
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

MetroTAC Items	Description	Subcommittee Member(s)
Pure Water Program Cost Allocation	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers; Concepts will be discussed at TAC and JPA Board in near future.7/12: Subcommittee to meet with PUD staff & consultants to review TM 8 and economic model.8/12: Subcommittee has meet with City staff and consultants. Economic model has been received. City will not pursue cost allocations until Demonstration Project is complete due to staffing constraints. 6/13: Ad Hoc TAC has started work on cost allocation concept. 5/14: Cost allocation workgroup will meet in May. 6/14: Cost allocation group has met twice.7/14: <i>Cost allocation group continues to meet on a monthly 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
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. 2/1 3: 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)
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
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

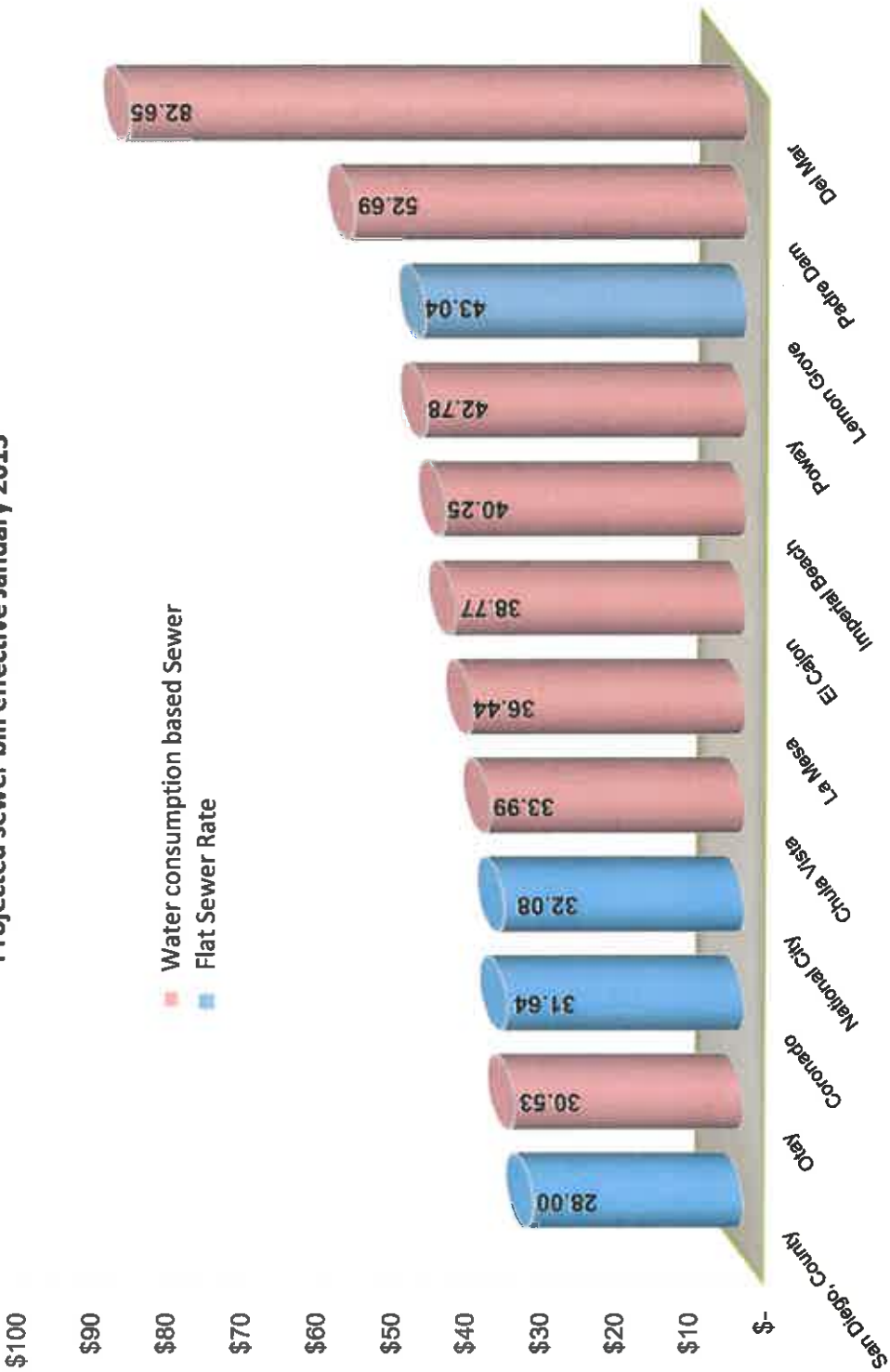
Agency	Representative	Selection Panel	Date Assigned
Padre Dam	Neal Brown	IRWMP – Props 50 & 84 Funds	2006
El Cajon	Dennis Davies	Old Rose Canyon Trunk Sewer Relocation	9/12/2007
La Mesa	Greg Humora	As-Needed Piping and Mechanical	11/2007
National City	Joe Smith	MBC Additional Storage Silos	02/2008
Otay 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	COSS's for both Water and WW	10/2011
El Cajon	Dennis Davies	Independent Accountant Financial Review & Analysis – All Funds	01/2012

Updated 7/10/2014

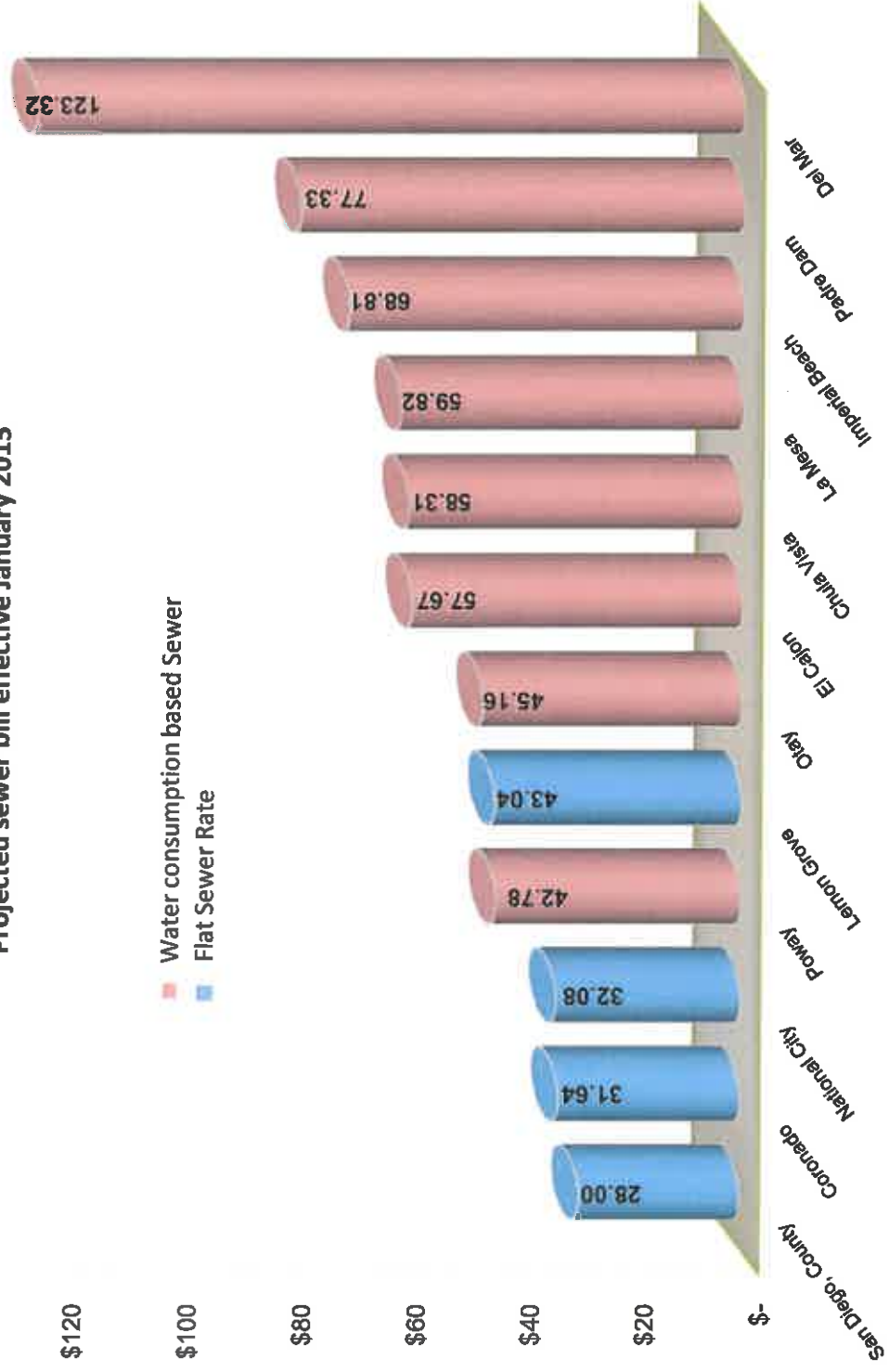
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Lemon Grove	Mike James	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
National City	Joe Smith	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Coronado	Godby, Kim	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Otay Water District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

Sewer Rate Comparison in San Diego County
7 Unit Water Use and 3/4" Residential Meter
Projected sewer bill effective January 2015



Sewer Rate Comparison in San Diego County **14 Unit Water Use and 3/4" Residential Meter** **Projected sewer bill effective January 2015**



Agenda Item 9

Point Loma Permit Renewal

Point Loma Permit/Potable Reuse KEY MILESTONE DATES



06/30/2014

DATE	TASK	FOLLOW UP ACTION/STATUS
12/13/2013	San Diego provide draft facilities plan to stakeholders	Draft provided. Enviro requested if schedule could be accelerated. San Diego provide update on 2/5/14
January	Begin outreach to regulators, legislators, key stakeholders and public	San Diego signed contract with Katz Assoc. 5/14
01/16/2014	San Diego Define Secondary Equivalency. Provide draft white paper	Comments provided on white paper. Enviro requested an analysis to be run using existing flows as a base line for comparison. Also look at concentration limits.
01/23/2014	San Diego meet with JPA on cost allocation. 1) Agree on methodology 2) Insert construction costs from facilities plan	San Diego to look at comparing PR facilities construction through secondary to secondary at Point Loma.
02/05/2014	San Diego Stakeholders Meeting	
February	First draft of legislative language	Draft prepared
February	Seek Congressional sponsor for legislation (Issa/Davis ?)	Need to define secondary equivalency 1st
02/24/2013	Imperial Beach outfall meeting	Halia agreed to look at additional potable reuse to reduce south bay discharge
03/05/2014	San Diego (Ann, Brent, Bob, Allan) meet with EPA staff	Pure Water program was well received by EPA
March	Resolve Padre Dam mass balance correction. This is holding up the FY12, FY11, FY10, and FY09 audits	TAC met with attorneys 4/16. Consensus reached on draft proposal. TAC met with attorneys on 5/21. All agencies in agreement except County. Deadline of July to respond.
March	Resolve North City billing correction	These adjustments may be combined with Padre Dam mass balance corrections
March	Resolve recycled water revenue	These adjustments will occur with true-up following Padre Dam and North City
03/07/2014	Presentation to SANDAG Regional Planning Committee	Presentation was well received
03/27/2014	San Diego County Water Authority Board Meeting	CWA voted to delay changes in cost allocations until 2016
04/03/2014	Cost allocation meeting	Met on 4/16. Meet again on 5/1
04/21/2014	San Diego Stakeholders Meeting	Rescheduled by San Diego to 4/30
05/29/2014	San Diego Stakeholders Meeting	
06/05/2014	Cost allocation meeting	
06/19/2014	Cost allocation meeting	
06/26/2014	Cost allocation TAC	
06/30/2014	Complete cost analysis and rate impact review Finalize cost allocation method	
07/16/2014	Metro TAC - Cost Allocation	
08/07/2014	Metro Commission - Cost Allocation Details	San Diego to provide draft support resolution for the permit
8/8 - 9/16	Agency presentations	
08/20/2014	Metro TAC - Cost Allocation Finalization Recommendation	
08/25/2014	Ad Hoc Steering Committee - Cost Allocation Finalization	
09/04/2014	Metro Commission - Cost Allocation Finalization	
09/17/2014	Metro TAC	
09/29/2014	Ad Hoc Steering Committee - VOTE	
10/02/2014	Metro Commission - VOTE	
September	Finalize facilities plan for inclusion in NPDES permit application	
September	First draft NPDES Permit	
December	Final draft NPDES Permit	
2015		
January	Submit NPDES Permit to the Environmental Protection Agency	

Milestone Progress Dashboard

