



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

AGENDA

**Thursday, December 1, 2016
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. **PRESENTATION** – DEL MAR WASTEWATER INFRASTRUCTURE UPDATE (Eric Minicilli) (**Attachment**)

X 5. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETING OF [October 6, 2016](#), AND THE SPECIAL MEETING OF [October 20, 2016](#) (**Attachment**)

X 6. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE AND AWARD A CONTRACT TO MP ENVIRONMENTAL SERVICES FOR REMOVAL, CLEANING AND DE-WATERING SOLIDS FROM DIGESTERS AT POINT LOMA WASTEWATER TREATMENT PLANT (Albert Sohikish) (**Attachments**)

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Metro Commission/Metro
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- X 7. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO RECOMMEND THE METRO COMM/METRO WASTEWATER JPA APPROVE THE 2017 METRO COMMISSION/METRO WASTEWATER JPA AND METROTAC 2017 MEETING CALENDAR AND THE METRO WASTEWATER JPA FINANCE COMMITTEE MEETING CALENDAR (**Attachment**)

- X 8. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO NOMINATE ROBERTO YANO FROM CITY OF CHULA VISTA AS PRIMARY AND YAZMIN ARELLANO FROM CITY OF EL CAJON AS ALTERNATE TO SAN DIEGO INTEGRATED REGIONAL WATER MANAGEMENT REGIONAL ADVISORY COMMITTEE (**Attachment**) (Greg Humora)

- 9 **UPDATE:** PURE WATER PROGRAM (**STANDING ITEM**) DISCUSSION OF REPRESENTATION AT THE SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD MEETING ON 12/14/16 FOR THE POINT LOMA NPDES PERMIT (Greg Humora)

- X 10. METRO TAC UPDATE/REPORT (**Attachment**) (Greg Humora)

- X 11. POINT LOMA PERMIT RENEWAL UPDATE (**Attachment**) (Greg Humora)

- 12. IROC UPDATE (Vice Chair Jones)

- 13. FINANCE COMMITTEE (John Mullin)

- 14. REPORT OF GENERAL COUNSEL (Paula de Sousa Mills)

- 15. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING **January 5, 2017**

- 16. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

- 17. 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) 548-2934 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.

December 1, 2016

Metro Commission/Metro
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Metro JPA 2017 Meeting Schedule

January 5, 2017	February 2, 2017	March 2, 2017
April 6, 2017	May 4, 2017	June 1, 2017
July 6, 2017	August 3, 2017	September 7, 2017
October 5, 2017	November 2, 2017	December 7, 2017

December 1, 2016

Metro Commission/Metro
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Attachment 4
Del Mar Wastewater
Infrastructure
Update

Del Mar Wastewater Infrastructure Update

November 16, 2016

Metro TAC

Regional Wastewater Disposal Agreement

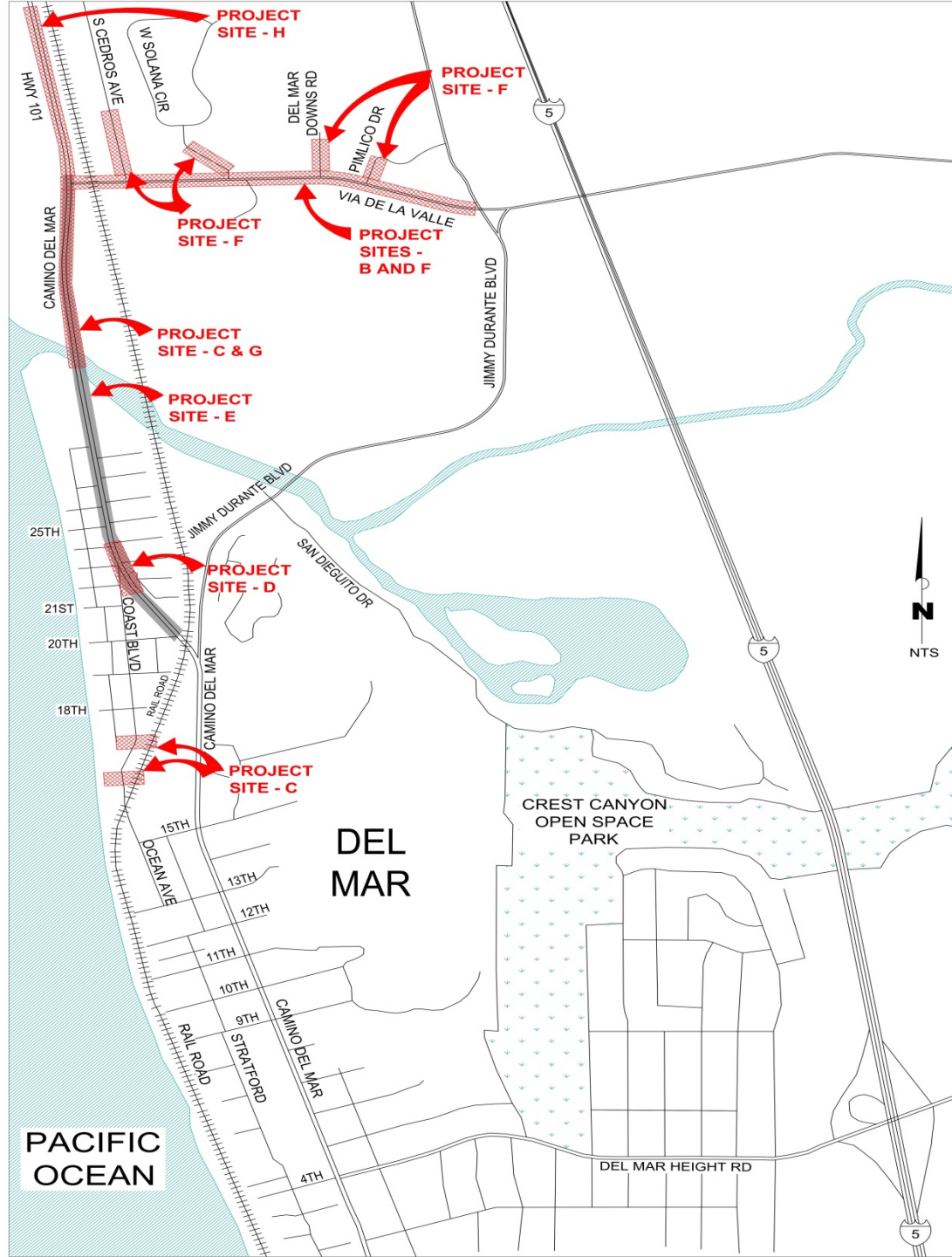
- Disposal Agreement includes provisions for flow diversion due to construction of reclamation facilities
- Provides ability for PA's to offload Point Loma
- Offloading Point Loma mutually beneficial to PA's, San Diego, etc.
- Reclamation facilities have benefits region-wide

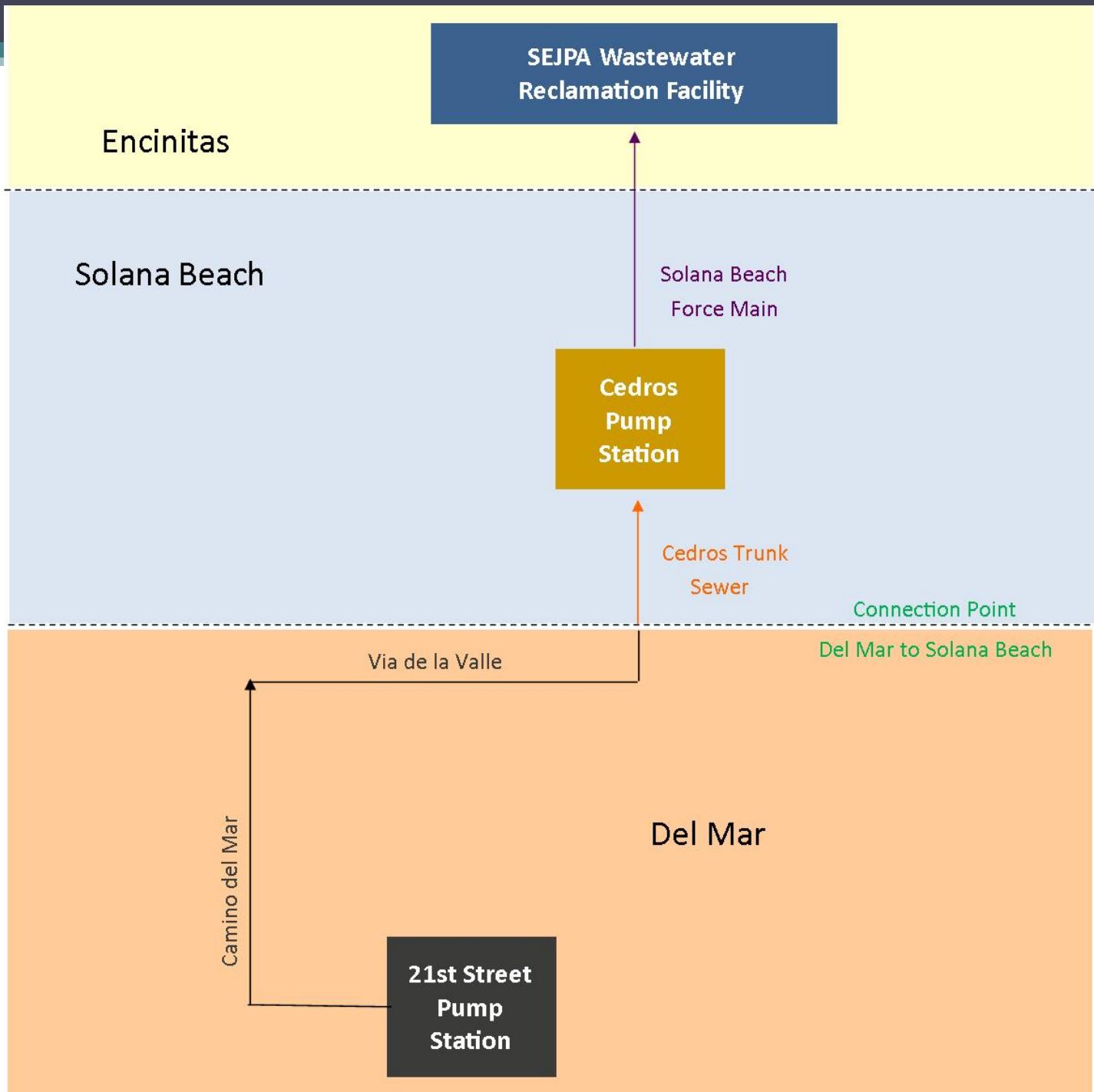
Del Mar Background

- Wastewater infrastructure to connect to the San Elijo Water Reclamation Facility
- Concept revisited for decades, not coincidentally approximately every 5 years
- SEJPA produces recycled water for Del Mar
- Del Mar wastewater flow patterns desirable for recycled water production

SWAP Project

- Engineering analysis in 2012
- Treatment & Transportation Agreements, San Diego notification in 2014
- Design and Construction in 2015 & 2016
- Del Mar pays proportional share of operations, maintenance, and CIP costs for San Elijo facility





Benefits

- Enables San Elijo to create more recycled water for Del Mar
- San Elijo is already at secondary treatment
- Long-term rate stability for wastewater treatment and transportation for Del Mar wastewater customers
- Financially beneficial partnership for City of Del Mar, San Elijo JPA, and City of Solana Beach
- Del Mar maintains connection to San Diego for redundancy



Questions?

Attachment 5
Minutes of the
Regular Meeting of
10/6/2016 and
Special Meeting of
10/20/16



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

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

**October 6, 2016
DRAFT Minutes**

Chairman Peasley called the meeting to order at 12:05 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	Steven Miesen		
City of Coronado	Bill Sandke		
City of Del Mar	Sherryl Parks		
City of El Cajon	Tony Ambrose	X	Dennis Davies
City of Imperial Beach	Brian Patrick Bilbray		
City of La Mesa	Bill Baber	X	
Lemon Grove Sanitation District	Jerry Jones	X	
City of National City	Jerry Cano		Albert Mendivil
City of Poway	John Mullin	X	
County of San Diego	Dianne Jacob		Dan Brogadir
Otay Water District	Jose Lopez	X	
Padre Dam MWD	Jim Peasley	X	
Metro TAC Chair	Greg Humora	X	

Others present: Metro JPA General Counsel Paula de Sousa Mills; Metro JPA Secretary Lori Anne Peoples; Scott Tulloch – Atkins Global; Roberto Yano – City of Chula Vista; Ed Walton – City of Coronado; Eric Minicilli – City of Del Mar; Yazmin Arellano, Dennis Davies – City of El Cajon; Al Law - Padre Dam MWD; Alexander Heide and Mike Obermiller – City of Poway; Halla Razak, John Helminski, Lee Ann Jones-Santos, Edgar Patino, Tung Phung - City of San Diego Public Utilities; Tom Zeleny – Deputy City Attorney - City of San Diego

2. PLEDGE OF ALLEGIANCE TO THE FLAG

Vice Chair Jones led the pledge.

3. PUBLIC COMMENT

None.

4. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETING OF September 1, 2016

ACTION: Upon motion by Commissioner Mendivil, seconded by Commissioner Ambrose, the minutes were approved by unanimous vote.

5. INFORMATION: LETTER SENT TO CITY OF SAN DIEGO FROM METRO WASTEWATER JPA REQUESTING TO BE ADDED TO THE MAILING LIST FOR ALL CEQA AND BROWN ACT MEETING NOTICES RELATED TO THE PURE WATER PROGRAM

Chair Peasley stated that he had signed the letter and it had been submitted to the City of San Diego. MetroTAC Chair Humora stated that this was just a formality to ensure the JPA is notified of all notices pertaining to the Pure Water Program.

6. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE SOCIAL MEDIA POLICY

Mike Obermiller, City of Poway provided a brief verbal overview of the staff report noting that on May 6, 2016, the JPA raised concerns resulting in the MetroTAC forming of a working group in June to review social media policies of the PA's and draft one specific to the JPA needs. The purpose of a social media site is to disseminate information from the JPA, about the JPA, to members of the public. The goal for the JPA's use of social media sites is to serve as an online information source focused on JPA issues, projects, news and events. The JPA's social media activities will act as on-way communication, and will not serve as a public forum. The proposed policy sets forth guidelines, procedures, general conditions, and restrictions for the use of social media. It was determined that several agencies contract out the use of social media for the ability to provide much more regularity to social media than a part-time employee; the ability to be more responsive to social media comments and questions; a better ability to create content and the ability to provide continuity of service and redundancy. The anticipated cost of a contractor to provide social media related support is between \$900 and \$4,500 per month, depending on the level of service that is requested of a contractor. An example of a \$900 per month contract would include: a social media campaign, content creations, social media monitoring, social media engagement and postings on both Face book and Twitter at least five times per month. The draft policy was reviewed by MetroTAC and approved for presentation to the JPA. The Social Media working group is requesting direction on whether the JPA should contract out the social media services and what is expected scope of activities that is expected on social media. Mr. Obermiller then introduced Alex Heide of Poway who did the majority of the work on the research and policy creation.

Commissioner Mullin stated he was fine with the policy but concerned with the costs of implementing the policy and inquired as to whether it was something that could be done on an as needed basis if the JPA finds there is an issue with the postings. Mr. Obermiller stated that it would depend on the scope of services and the contracting person would be responsible for posting on the site and monitoring the content to make sure they posts stayed within the policy. Mr. Heide added that what were being looked at were continuity and the ability to respond quickly to inquiries on the site. These are things that would not be possible on an as needed basis. Currently the JPA and community are not very engaged. General Counsel de Sousa Mills stated that from a legal perspective, part of the purpose for the policy was to provide rules of the game when members of the JPA or employee of JPA member agencies are posting on their own social media websites or accounts to make sure that there are some guidelines for what is appropriate for what is to be considered a JPA post or not.

Chair Peasley stated that with regard to how much the JPA should put into a social media presence; he was not sure and did not have a sense for what \$900 would be. He believed a professional presence was needed to become a known entity.

ACTION: Motion by Commissioner Mullin, seconded by Vice Chair Jones, to approve the policy and refer the monitoring and implementation/service levels back to the MetroTAC and Finance Committee for review of how much it would cost each entity and bring a recommendation back to the JPA at a future meeting. The motion was approved by unanimous vote.

7. **UPDATE: PURE WATER PROGRAM UPDATE**

John Helminski, Assistant Director, City of San Diego Public Utilities Department provided a brief verbal update on the Pure Water Program. It reflected the following:

A. Pure Water Update:

i) Potable Reuse Regulatory Framework

Regulations Timeline

- Surface Water Augmentation Regulations
 - Draft Regulations – October 2016
 - Final Regulations – December 2016
- Direct Potable Reuse Feasibility
 - Draft report on DPR Feasibility – September 8, 2016
45-day Public Comment Period ends October 25, 2016
 - Final report on DPR Feasibility – December 2016

Regulatory Opportunity

- Initial draft regulations called for dilution typical of certain size reservoirs
- Recent draft regulations expanded dilution criteria- allows wider range of reservoir sizes in potable reuse projects
- City now able to proceed with a Phase 1 Miramar Project
- North City Project
 - IPR SWA – 6 mo
 - IPR w/Approval – 4 mo
 - The Gap – 2 mo
 - DPR – 0 mo pipe to pipe

ii) Project Delivery, Schedule & Miramar Decision

- Miramar Project Feasibility Studies
 - Demonstration of 5-step treatment process
Ozone – Biological Filtration – Membrane Filtration – Reverse Osmosis – Ultraviolet light and advanced oxidation
 - Miramar Reservoirs Modeling meets dilution requirements
 - Evaluate Pure Water Impacts on the Miramar Water Treatment Plant and distribution system
 - City's Independent Advisory Panel determined project is protective of public health (October, 2015)
 - City and regulators collaborating on permit application
 - State Water Resources Control Board – Division of Drinking Water (DDW)
 - Regional Water Quality Control Board (RWQCB)
- Pure Water Phase 1 Projects – North City
 - Water Reclamation Facilities
 - Advanced Water Purification Facility
 - Drinking Water Facilities

- Biosolids Facilities
- Cogeneration Facility
- Pure Water Timeline
 - Metro Comm/JPA support – October 2014
 - City of San Diego Council – November 2014
 - Validation Workshop – June/August 2105
 - Submission of Miramar Concept Proposal to Division of Drinking Water – November 2015
 - Development of Title 22 Engineering Report Framework – January 2016 thru March 2017
 - Begin monthly meetings with DDW – March 2016
 - Provide Pure Water update to Council Committee – June 2016
 - Provide monthly Pure Water Updates to MetroTAC members 0-April/September 2016
- Program Validation
 - NCWRP (Phase 1:30 mgd); 15/15 split 0; Est. Construction Cost \$406 million
 - NCWRP (Phase 1: 15 mgd) 15/15 split \$391 million
 - NCWRP (Phase 2: 15 mgd) 15/15 split \$20 million;
 - Estimated Construction Cost \$411 million Phases 1 & 2
 - NCWRP (Phase 1: 15 mgd) 15/15 split \$279 million
 - SBWRP (Phase 2: 15 mgd); 15/15 split \$474 million
 - Estimated Construction Cost \$753 million Phases 1 & 2
- Miramar Decision Factors
 - Regulatory certainty
 - Environmentally superior alternative per Program EIR
 - Less impacts to sensitive habitats and wetlands
 - Less energy requirements and associated GHG emissions
 - Greater long-term operational flexibility
 - Less project delivery/schedule challenges
 - Less life cycle cost
- Outstanding Questions from MetroTAC
 - Why is City designing 30 mgd at North City with an anticipated completion at the end of 2021?
 Mr. Helminski stated that even though the date of 2021 sounded early, in order to get the first phase of the project on line by 2023, a ramping plan is necessary to get from 0 mgd to 30 and it will take the better part of a year to get there.
 - What were the factors driving the decision to go to Miramar vs. San Vicente?
 Mr. Helminski stated that this had to do with Miramar, hey are within the City of San Diego public right of way, to take it out to east county they would have to deal with multiple agencies county

and cities of Santee, Lakeside and areas with sensitive habitat and additional impact.

- Are the Mayor and Council aware of the change?

Mr. Helminski stated that the Mayor and Council had been briefed in June

- Phase 1 Schedule

- Program EIR Certification - October 2016
- North City Projects EIR/EIS – Late 2018
- Project Designs Complete – 2018
- Construction and Commissioning – 2019 to 2021
- Plant Ramp up – Anticipated 6 to 12 months – end of 2022

iii) Ongoing Research and Testing

- Grant Funded Research \$4.7 million in Prop 40 and 84 funds
 - Installed and tested benefits of adding ozone and biological filtration (BAC) at upstream end of purification
 - Induced variation of water to Advanced Water Plant to test water quality
 - Outcome of testing determined final pure water product provides consistent and exceptional quality throughout challenges
 - Ozone and BAC shown to significantly increase overall treatment reliability and robustness
- Optimization tests to inform treatment designs
 - Testing variety of treatment chemicals to determine water quality benefits and cost savings
 - Testing of variety of monitoring equipment for their effectiveness at measuring equipment integrity

iv) Co-Generation/Bio Solids

- Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project. Four Fundamental Questions to address:
 - Does the City have to generate Class A biosolids?

Mr. Helminski stated that the answer is they don't necessarily have to do that. There are other alternatives. They are pending a study from Brown & Caldwell later this month and there was a study done in 2009 that talked about different opportunities for technology to take Class B solids to Class A. What is also emerging in the market as a whole is there are companies that are interested in doing offsite Class A as well. So you may have a company haul it to another location. There are still opportunities in agriculture. The only thing currently in play that will no longer be allowed is the solids will no longer be able to be used as alternative daily cover mixed with greens and a majority currently gets trucked to the Otay Landfill 90% the other 10% go to Arizona.
 - Should the Co-Gen facility Design Build Finance Operate and Maintain (DBFOM) contract include and on-site Class A biosolids facility?

Mr. Helminski stated this question had not been finalized.

- Should the City accelerate delivery of the Co-gen facility project to be operational by January 2019?

Mr. Helminski stated that this was tied to the current agreements with the co gen plants at North City and MBC, the gas rights revert back to the City at the end of December 2018 which will provide an opportunity to potentially generate power sooner, so they are evaluating this currently.

- Should the City reconsider locating a power producing facility at Metro Biosolids Center or North City Water Reclamation Plant?

Mr. Helminski stated that this would come as a part of answering the biosolids question, if they are not going to be doing a biosolids processing on site to a Class A, there may not be a need to site the generators there, it might make more sense to site them at the North City Water Reclamation Plant Expansion and at the Advanced Water Treatment Plant. They should get clarity to these questions and to where they are headed some time in November.

v) Operator Readiness

- Consultants providing hands-on training to staff on all demonstration facility processes, equipment, instrumentation
- Operational staff – developing advanced water purification training based on knowledge and experience gathered at demonstration facility
- Operational staff participating in AWWA regional effort to develop advanced water purification operator requirements to:
 - Encompass both classroom training and hands-on experience
 - Job analysis expected in the fall, will inform training and experience needs
 - Outcome will provide a benchmark to measure completeness of City's operator readiness plan
 - DDW also engaged in AWWA's efforts

vi) Point Loma Permit Update

- The Pt. Loma Modified National Pollution Discharge Elimination System Permit expired on July 31, 2015.
- The Renewal application was submitted to the U.S. Environmental Protection Agency and the Regional Water Quality Control Board on January 2015, prior to the February 1, 2015 deadline.
- Regulators administratively continued the permit until final action on the renewal, - typically and 18 to 24 month process
 - Tentative release of the draft decision is expected Late Sept/Mid October
 - First Hearing before the RWQCB is anticipated in December
 - Second Hearing February/March
 - California Coastal Commission March/April

Chair Peasley stated that the validation meetings were key to the decision making process to move to 30 mgd and it sounded like this was a result of not enough raw water flow to the North City facility. Mr. Helminski stated this was correct. Chair

Peasley then stated that if there was enough raw flow at North City, wouldn't the City move to 30 mgd anyway due to the drought and the Governor? Mr. Helminski stated that there would not be enough wastewater even for the first 15 mgd and thus there was a nexus to bring it forward coupled with the fact that the So. Bay costs were so high. Halla Razak stated that when the initial plan was put together, they were not able to meet the first milestones at 15 mgd and they had to build a pump station and were working very hard with the environmentalists and EPA partners on the timelines to get as much room as possible. As they were looking and learning more, they took the approach that if there were ways to save money and shave off the schedule that is what they were going to do. Chair Peasley stated that he and his staff were looking at the City records and back in 2010 there was 24 nearly 25 mgd being delivered to No. City and then around 2012 there was a significant drop off at Pump Station 64 from nearly 17 mgd to about 9 mgd so something happened during that time. The flow dropped significantly. Where is that flow going and why did that happen? It seems like if that flow was continuing to go to No. City you would be much closer to your total need at 15 mgd at No. City. John Helminski stated he did not have an answer and would check with staff and report back. Chair Peasley expressed concerns with the validation study and whether alternatives and everything was looked at for ways to generate 15 mgd of pure water rather than just to build the Morena Pump Station which is of significant costs. When you look at the wastewater costs, we went from \$0 to \$500 million dollars of which the JPA is responsible for 1/3. Mr. Helminski stated that one of the things they did do was have the modeling group go back and look at current sewer flows and that coupled with the Governors executive order for drought resulted in a reduction. They are basing this on the most conservative model knowing that in the future there may be less wastewater than currently.

ACTION: Chair Peasley stated that there were also several reports, technical memorandums, submitted to the San Diego Council by Brown & Caldwell and the documents for the work of \$30 million for Montgomery Watson and requested that those documents showing why the mgd should be increased to 30, be delivered to the MetroTAC as well. Mr. Helminski stated that he would see to it they were provided.

- Chair Peasley then expressed frustration that as the validation meetings were going on, that no members of MetroTAC were included in the meetings. Ms. Razak stated that at least from the Cities perspective, they were under the full understanding that they were working with liaisons and thought they were reporting back to MetroTAC and JPA. They were working with Scott Tulloch and Greg Humora who were present at the meetings and briefings and that they were always available and willing to bring briefings to the MetroTAC and JPA. She apologized if it seemed that way but stated she will continue the commitment to include everyone.
- Scott Tulloch of Atkins Global stated he was present at all meetings and addressed options and had adequate opportunity to participate and brought concerns back to MetroTAC Chair Humora. He felt San Diego City staff took things into consideration that he raised.
- Vice Chair Jones stated he was excited for the delivery of 30 mgd of pure water but on the other hand concerned as to how they got there. He asked if City staff was operating under Resolution No. 30906 which authorizes them to proceed with Pure Water. Nothing he reads in the resolutions makes Pure Water the star of the show and would like to know why it has become the primary means. His

concern is that Pure Water was a means to secondary equivalency; however, he is hearing that the National Environmental Groups are not as supportive as the local groups are. So assuming we don't get secondary equivalency, we are subject to every 5 years and any cost projections with "avoided costs" factored in which may not happen. Until secondary equivalency is guaranteed and if things are being added onto is a pure water project, no guarantees, exposing a Prop 26 violation and a Prop 218 violation. Unless the City is willing to guarantee any investment in Pure Water will be refunded if secondary equivalency fails and they become responsible for upgrades at Pt. Loma or indemnify them from secondary upgrades at Pt. Loma. There are serious questions that have not been answered. Further the process feels extremely rushed and not collaborative.

- Commissioner Mullin expressed concerns that the connection between secondary equivalency and Pure Water have been combined and that he still feels unsure of the sense of urgency. He feels they are accelerating unnecessarily.
- Ms. Razak stated that they have been pursuing secondary equivalency and are waiting for after the election and the costs being discussed are simply design cost, no construction will be started until there is much better clarity on where they are heading. Her fiduciary responsibility is to protect the City of San Diego wastewater rate payers and the permit and agreement protect them as much as possible but the design and EIR are actual milestones of the agreement with the Environmental folks and the waiver application and that is all they are proceeding with presently.
- Chair Peasley stated that with absence of secondary equivalency, the concern is that they are going to do Pure Water and then also get stuck paying for secondary. Maybe 15 mgd of secondary at Pt. Loma might be less expensive.
- Ms. Razak stated that this issue is more complicated than what everyone has in their documentation with the EPA and the waiver application. There is a binding agreement with their partners, the environmental community and the MGO's and in there are specific provisions on what the City will deliver and do and what they will as well, a two way street. The challenge with the waiver application is the business they need to do with the Coastal Commission and the support that they need along with that from the environmental community to get the waiver approved. So they are on their way with the commitments to do the design. Prior to the start of construction, they will have the opportunity to take a time out and review prior to proceeding. All concerns are understood, however if they don't move forward with the design they will never be able to meet the waiver requirements or the agreement they have with the environmental community and they will be back to square one prior to starting the waiver. She also commended Greg Humora and Scott Tulloch for partnering with the City of San Diego and working on the cost allocations for over a year. Part of the challenge is that the vision has been constantly changing as they move forward. A lot has been accomplished and she feels they are in a good place now.
- Commissioner Mullin stated that looking at the timing and sense of urgency and wondered why they can't get input on secondary prior to moving forward on Pure Water? They may want to pull the plug on Pure Water.
- Ms. Razak stated that they are in close contact with Padre Dam and others and have put that whatever they do will be counted, but the City of San Diego needs to ensure the waiver application gets approved and is in place for everyone. They are meeting on a monthly basis with the environmental community and providing status updates and because of the complexity of the project they cannot delay.

She committed to provide more detail to assist everyone in feeling more comfortable as to what they are doing. They are in continuous conversation with the EPA who is very comfortable with what they are doing. She herself feels very comfortable with the safeguards and support from the federal and state representative and that there is a path forward.

- Chair Peasley stated that the City has to meet the obligations per the agreement with the environmental community and they are going to proceed, they have to. Personally he would like the City to meet their commitments but if we don't have secondary, it needs to be stopped and he is hearing Ms. Razak say that this will happen.
- Chair Peasley again requested information as to what happened to Pump Station 64. He would like MetroTAC to work with the City and review this (getting 15 mgd at North City without building the pump station).
- Ms. Razak stated that the modelers were only able to come up with 12 mgd and with recycled water, there is still not enough.
- Vice Chair Jones confirmed with Ms. Razak that 2019 was the time when there would be the option to end their agreement with the environmental group which would happen prior to the start of construction, and this would give the JPA and opportunity to say whether they were ready to proceed. He then stated that to go to \$430 million construction which would take us to the 2nd NPDES permit if Secondary Equivalency was not given, they would be paying \$200 million per permit, but he felt as long as the Ms. Razak and the San Diego Council understands and assures at \$30 million they get to raise their voices.

vii) Public Outreach

Brent Eidson provided a brief verbal of the outreach portion noting that 412 community presentations had been made; more than 2,800 support pledges had been received from San Diegans; 284 stakeholder interviews had been conducted; 128 community events held and more than 10,000 people have toured the Pure Water Facility. Additionally, youth engagement had been created through a USD partnership where 23 students researched and created communication tools to engage Latino, Asian and African American communities about Pure Water. Pure Water Media Days had been held and attended by nearly 100 journalism/media students from 8 San Diego Unified School District high schools over 2 days and students created news packages about Pure Water. Multicultural Community Engagement meetings had been held with community leaders, facility tours were conducted and informational booths were set up at community events. A Global Water Award was won by the City of San Diego for the Water Reuse Project of the Year at the 2016 Global Water Summit in Abu Dhabi where recognition was received for the project that "represents the most significant advancement in terms of water reuse". The Pure Water Program was selected in a competitive category that included water reuse projects from around the globe. The City of San Diego also received the Utility of the Future Today award at the 2016 WEFTEC Conference where exceptional performance of wastewater utilities is recognized and they were also recognized by the National Association of Clean Water Agencies, the Water Environment Federation, the Water Environment & Reuse Foundation, the Water Reuse Association and the U.S. EPA.

B. Annual Planning Estimates and Pure Water Phase 1 Cost Allocation

Lee Ann Jones Santos, Assistant Director in charge of Finance, stated she had been working on cost allocation with many including Greg Humora and Scott Tulloch. Very simply, the breakdown on the cost side breaks wastewater components down, primary, secondary, NBR treatment would be shared, all new solids treatment would be a wastewater expense and all new conveyance of wastewater and solids would be on the wastewater side. Then tertiary and new advanced purification, conveyance of tertiary and advanced purified water and brine would be on the water side. Again, the one component that is going to be allocated would be NBR. Goals for future MetroTAC meetings would be to take the individual CIP projects back to MetroTAC and have a full discussion on how the allocations were defined and if there were any other ideas to be considered. That piece has been well received and it appears to be moving in the right direction. At the September MetroTAC meeting the Phase 1 all-in Construction Design costs were provided. So the numbers received on the table, \$406,000,000 for the PA's includes the rate payers. It was derived from taking the 10% design numbers, estimated at this point in time, they include the preliminary design, the 10% design, future design that has yet to be done and then the construction costs as they think at this time. As mentioned it includes the Miramar option with the 30 mgd. The allocation of approximately 33% was used for the PA's which comes from their FY14 audit, and then the FY14 allocation by PA and then allocated a high and low number or range to be used by the individual PA's. When looking at this a variety of foot notes have been added to advise that these are preliminary numbers that are subject to change over time. She suggested that the PA's may want to put their own contingencies out there. Other components shared with Greg Humora and Scott Tulloch was revenue sharing, at what point in time would there be an option for the PA's to share. San Diego is looking at the debt service and working with the City Attorney on when it would be appropriate based on 218 to share any revenue once Pure Water would become less expensive than imported water. There would need to be a policy call on the City of San Diego's side as they move forward, but they have had several conversations with Halla and are moving this up the chain. Next steps would include additional discussions with MetroTAC on the details of cost allocation and she is also working with Karyn Keese on the individual CIPs and how they roll up into the summary spread sheet that has been provided and the cost allocations that have been applied there. Also included in conversations with Karyn are the O&M costs and what the cash flow looks like long term. They are actively working on this. Her handout provided of the Projected Participating Agency Contribution Estimates, includes those by Fiscal Year – Estimated Potential Range. She noted that she, Greg Humora and Scott Tulloch along with others had been working on cost allocations. The next steps will be to have additional discussions and review the O & M costs and cash flow long term. Lee Ann noted that the numbers provided are raw and do not include financing, grants etc. The City of San Diego is looking at financing options for the PAs even in ways outside of what the City of San Diego can do to help the PAs. General Counsel de Sousa Mills noted that the reason the JPA was created was to serve as a financing mechanism for the JPA member agencies as well as to do the work of the common interest of the participating agencies. It was also noted by Ms. Jones-Santos that the debt reflected in the report reflects existing debt (outstanding debt) for past projects.

C. Program EIR Update

Kelly Balo, City of San Diego, Environmental Planner in the Public Utilities Department, provided a brief verbal overview of her Power Point presentation which included:

- Broad Overview of Potential Environmental Impacts Associated with Full Implementation of the Program
- Proposed Program – Reservoir Augmentation at San Vicente and Otay Reservoirs
- Analyzed Alternatives to the Program Alternate Reservoir Augmentation (Miramar Reservoir)
- Program Objectives
 - Provide a cumulative total of at least 84 mgd of local, high-quality purified water to serve the San Diego region
 - Reduce dependence on imported water
 - Reduce energy consumption associated with importing water
 - Increase use of recycled water
 - Reduce flows to the PLWTP and reduce TSS discharged at the Pt. Loma ocean outfall to the same or lower levels as would be achieved by implementing secondary treatment at the full plant capacity
 - Implement the Program in scheduled phases that meet the target online dates agreed to in the 2014 Cooperative Agreement and the 2015 Application for Renewal of National Pollution Discharge Elimination System permit
- Conclusions of the Program EIR
 - The PEIR concluded the project would result in potentially significant environmental impacts to the following areas:
 - Land Use
 - Health and Safety
 - Noise
 - Hydrology and Water Quality
 - Public Utilities
 - Geology/Soils
 - Air Quality/Odor
 - Biological Resources
 - Historical Resources
 - Paleontological Resources
 - Visual Effects and Neighborhood Character
 - Transportation, Circulation and Parking
 - Implementation of Mitigation Measures would reduce potential impacts to below a level of significance for all issues.
- Program EIR Schedule for comments
 - Draft PEIR released for Public Comment – February 10, 2015
 - 60 day comment period ended – April 11, 2015
 - 16 comments received
 - Comments from State and Local Agencies, Tribal groups, Member Agencies, Planning Group, Labor Union, Concerned Citizens

- Comment Topics: Health and safety, water quality, air quality, ocean discharges, agency requirements, scope of analysis, program versus project level analysis, alternatives, and others
- Finalization of final document
 - PEIR finalized by Planning Department – August 8, 2016
 - Final document included Response to Comments
 - Certification of Final PEIR planned to be heard at Environment Committee – October 6 2016 and City Council – October 25, 2016
- Conclusions
 - Pure Water Program implementation will impact environmental resources; impacts can be mitigated to below levels of significance
 - The alternative reservoir augmentation project alternative (Miramar project) is environmentally superior to the San Vicente Project alternative
- North City Project – Specific Environmental Impact Report/Environmental Impact Statement
 - Notice of Preparation (NOP) for an EIR and Scoping Letter Released – August 4, 2016
 - Notice of Intent (NOI) to prepare and EIS published by the Bureau of Reclamation August 5, 2016
 - Two Public Scoping Meetings
 - August 23, 2016 Scripps Miramar Ranch Library 6:00-7:30 p.m.
 - August 25, 2016 Public Utilities 9192 Topaz Way 6:30-8:00 p.m.
 - Joint CEQA/NEPA Environmental Document
 - Various Technical Studies Underway

MetroTAC Chair Humora stated that all cities preparing a Climate Action Plan should review the section on the Greenhouse Gas Emissions as one of the big greenhouse gas emitters is electricity and when moving water around the state and Section 515 states that this Pure Water project will result in the reduction of 19,699 metric tons of CO2 equivalents per year, so everyone should review that page and take their tiny piece of the Metro System credit for that.

8. ACTION: CONSIDERATION AND POSSIBLE ACTION TO CALL A SPECIAL MEETING OF THE METRO COMMISSION/METRO WASTEWATER JPA ON THURSDAY OCTOBER 20, 2015 TO DISCUSS AND TAKE POSSIBLE ACTION ON AN AGREEMENT WITH AECOM FOR DESIGN ENGINEERING SERVICES FOR MORENA PUMP STATION AND CONVEYANCE SYSTEM; MWH CONTRACT AMENDMENT 1; AGREEMENT WITH CH2M HILL ENGINEERS, INC. FOR DESIGN ENGINEERING SERVICES FOR THE NORTH CITY WATER RECLAMATION PLANT EXPANSION AND INFLUENT CONVEYANCE PROJECT; AMENDMENT TO SOLE SOURCE AGREEMENT FOR SPECIAL COUNSEL FOR HAWKINS DELAFIELD AND WOOD (HDW)

MetroTAC Chair Humora stated that the Morena Pump Station design came to MetroTAC back in August where concerns were raised as to why this was being worked on now similar to those earlier in this meeting; there is also the Montgomery Watson item. Those two items came to MetroTAC but not the others. In working with the City of San Diego staff, we wanted to get everyone caught up to where they were in the Pure Water Program and why. He had asked San Diego not to bring these items forward until

there was a better understanding of the significant changes to the Pure Water Program. Several of these items have been delayed due to this and part of the process is that they have to come to the Metro JPA prior to going to the San Diego City Council. San Diego has scheduled these items to go to their City Council on October 25th. Because of this the request would be to hold a Special Meeting of the JPA on October 20, 2016, these items would all go to MetroTAC on the day prior, the reports will be the same. That way TAC would be able to provide a recommendation and the JPA could hear this and consider them prior to them going to their City Council.

ACTION: Motion by Vice Chair Jones to approve this item, seconded by Commissioner Ambrose and carried unanimously.

9. METROTAC UPDATE/REPORT

MetroTAC Chair Humora stated that in addition to the Pure Water Program update, the MetroTAC was also looking at AB126 which is a new State requirement that is supposed to remove organic waste items from the waste stream which is green waste, food waste and soiled papers so agencies are trying to figure out how to implement this, where they will go and any potential impacts on wastewater. The City of San Diego is going to provide a presentation of what they are doing on their side and that it will not adversely impact the wastewater side of things. The other thing they are working on is the individual agencies are also looking at adjustments to flow to the water system such as Del Mar and TAC has asked them to provide a presentation of which will take place at the next MetroTAC meeting and then be brought to the Metro JPA.

10. POINT LOMA PERMIT RENEWAL UPDATE

MetroTAC Chairman Humora stated that the dashboard was included in the agenda package well as the webpage and he reminded the PAs that the bottom pie charts indicate the main work products; facilities plan, secondary equivalency, outreach, legislation, cost allocation and permit application. Their primary focus lately has been the cost allocation and legislation; on trying to get secondary approved, working with the enviros on other options to a Federal fix and also heavily on cost allocation which will hopefully be coming forward. The calendar has been updated for 2017.

11. IROC UPDATE

Metro JPA IROC Representative Jones stated that at the last meeting there was not much regarding wastewater. They heard the FY 2016 CIP Year End Report; had discussion on the Water Policy Implementation Task Force recommendations and had a presentation on the Sustainable Groundwater Management Act but nothing much was discussed that was pertinent to wastewater.

12. FINANCE COMMITTEE

Finance Committee Chair Mullin stated the Finance Committee had not met and therefore had no report.

13. REPORT OF GENERAL COUNSEL

General Counsel de Sousa Mills stated she would provide information on what new legislation the Governor had signed into law at a future meeting and noted that she would be unable to attend the Special Meeting of October 10th and Assistant General Counsel Martin would be present.

14. PROPOSED AGENDA ITEMS FOR THE NEXT REGULAR METRO COMMISSION/METRO WASTEWATER JPA MEETING OF November 3, 2016.

None.

15. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

There were none.

Ms. Razak stated that the Hertzberg legislation which was introduced last year and requires zero discharge into the ocean of any wastewater treated stream, and which she worked closely with CASA to hold it from moving forward, was stopped. However, she has been informed it will be brought back. She is personally concerned and if it is brought back, she will be requesting all PA's write letters.

16. ADJOURNMENT

At 2:02 p.m., there being no further business, Commissioner Peasley declared the meeting adjourned.

Recording Secretary



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

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

**October 20, 2016
DRAFT Minutes**

Chairman Peasley called the meeting to order at 12:05 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	Steven Miesen	X	
City of Coronado	Bill Sandke		Mike Woiwold
City of Del Mar	Sherryl Parks	X	
City of El Cajon	Tony Ambrose	X	Dennis Davies
City of Imperial Beach	Brian Patrick Bilbray		
City of La Mesa	Bill Baber		
Lemon Grove Sanitation District	Jerry Jones	X	
City of National City	Jerry Cano		
City of Poway	John Mullin		Mike Obermiller
County of San Diego	Dianne Jacob		
Otay Water District	Jose Lopez	X	
Padre Dam MWD	Jim Peasley	X	
Metro TAC Chair	Greg Humora	X	

Others present: Metro JPA Assistant General Counsel Steve Martin; Metro JPA Secretary Lori Anne Peoples; Scott Tulloch – Atkins Global; Roberto Yano – City of Chula Vista; Ed Walton – City of Coronado; Eric Minicilli – City of Del Mar; Yazmin Arellano, Dennis Davies – City of El Cajon; Mike James, Dexter Wilson – City of Lemon Grove; Robert Kennedy – Otay Water District; Karyn Jassoy, Al Law, Augie Scalzitti, Doug Wilson - Padre Dam MWD; Alexander Heide – City of Poway; Halla Razak, John Helminski, Lee Ann Jones-Santos, Edgar Patino, Raina Amer, Amer Barhoumi, Wendy Gamboa, Fritz Ortlieb - City of San Diego Public Utilities; Tom Zeleny – Deputy City Attorney - City of San Diego; Julie Labonte – Montgomery Watson Harza (MWH) Americas, Inc.

2. PLEDGE OF ALLEGIANCE TO THE FLAG

Commissioner Mullin led the pledge.

3. PUBLIC COMMENT

None.

**4. REPORT: WASTEWATER FLOW DIAGRAMS – NORTH CITY OPERATIONALS
STRATEGY – ADDITION OF MORENT PUMP STATION**

Amer Barhoumi, City of San Diego Senior Civil Engineer, Pure Water walked the JPA through the flow diagrams Power Point presentation which covered how they approached operational flows in the past, present and will in the future. The first was the Past Operational Strategy for North City. Pump Station 64 used to pump approximately 20.5 mgd a portion of which approximately 16 mgd would go to North City and the rest, approximately 4.5 mgd to Pt. Loma. Another 6.5 mgd was received from Penasquitos

Pump Station for a total of 22.5 mgd to North City. There used to be a grant condition that required them to treat 22.5 mgd or 75% of the treatment capacity of 30% at North City. They used a portion of that for IPR with the balance returned to Pt. Loma. The Present Operational Strategy for North City is they pump 18.63 mgd from Pump Station 64, 8.63mgd goes to North City and 9.9 mgd is diverted to Pt. Loma. About 6.27 mgd comes from Penasquitos for a total of about 15 mgd at North City. Just to meet the Non Potable reuse at North City and whatever is left is returned to Pt. Loma. The Future Operational Strategy for North City is a bit more complicated because of the Morena Pump Station. In this scenario they are accepting everything that is coming from Pump Station 64 which is about 18.63 and they are also intercepting the 6 mgd from Penasquitos Pump Station and also pumping approx. 26-30 mgd from Morena Blvd. for a total of 52 mgd at North City. There is nothing from the northern area being sent to Pt. Loma, all sewage is being intercepted at North City.

- Chair Peasley requested and confirmed that for the past strategy, they had 27 mgd capable of flowing to North City. The present/current strategy was then changed as the grant condition no longer applied and the flows have dropped so the total now is 25 mgd. The total raw flow needed at North City to produce 15 mgd plus meet the non-potable demand is 33 mgd due to the 11.8 non-potable recycled water demand. John Helminski added that there were other projects current and planned over the next few years. Chair Peasley stated that they are talking 8 mgd short which will cost \$406 million. Additionally the City of San Diego is talking they have to have 15 mgd on average annual basis.
- Ms. Razak clarified that initially the plan contemplated at doing a first phase of 15 mgd, then a second phase of 15 mgd and eventually a third phase of 53 mgd to a total of 83 mgd. When planning and design was started with members of the MetroTAC involved, it became evident with the conservation that what was contemplated back in 2012 and the flows they were dependent on, what they saw with the State demands and the amount of water that can be used, there was not enough flows and a pump station needed to be built to accommodate that. Also, looking at the overall program, it made sense to do the first 30 mgd as a first phase, by combining phase 1 and 2.
- Chair Peasley recapped that basically the City of San Diego is 7 or 8 mgd short at North City to achieve the existing potable and non potable demand, and inquired as to whether Montgomery Watson and the City and others look at all other alternatives to bring the raw flow to North City other than just to build the Morena Pump Station? Mr. Barhoumi responded that several studies were done from 2012 through 2014 for pump station citing. A total of 6 sites were looked at but when phase 2 comes into play, there would be additional cost so financially the Morena location made the most sense. There are older TMs that can be provided to the PAs for review.
- Vice Chair Jones inquired as to whether the non-potable/purple pipe water was via contractual agreement? Ms. Razak responded this was correct. In their estimation right now they provide approximately 6 mgd which are current flows, the other thing happening is the State will be putting restrictive limitations on potable water and fewer limitations on recycled water and there is a bigger interest on recycled water. Recycled water is inexpensive compared to potable water.
- Vice Chair Jones stated that it seems the purple pipe system commitment has taken priority over the water that is at North City. Ms. Razak stated that they have sent a lot of interest away.
- Vice Chair Jones reiterated that the concern of the PAs is that all of this has been moved up before a decision has been received on OPRA 2 and they have to go back to their rate payers and ask for double or triple the amount of money that they are paying for their wastewater. So the question is why can't this wait for a year, the costs of wastewater expenditures that were out in 2027 are now moved up to today that's \$400 million. Even the \$23 million that is going to San Diego City Council on Tuesday is a gamble for the PAs, for the City of San Diego, you are going to go with Pure Water whether OPRA is received or not, there is no

gamble there and you will get benefit from that. For the PAs there is no cost benefit because they don't avoid the costs of upgrades to Pt. Loma. Most PAs Councils won't support what is not on the original permit.

- Vice Chair Jones stated to Ms. Razak that in the course of investigating this and reading the cooperative agreement she keeps referring to and the environmental stakeholders, that agreement included South Bay which has been taken off the table and the City is moving forward so he inquired as to how is that not a violation of the agreement and if its not and they are ok with this, why aren't there talks being held with them to take some time to work through OPRA before spending money at North City, lets reduce the amount so we are building the water side of it and once we have the assurances that we don't have the \$2 billion plus for secondary equivalency, then we can go ahead and build the pump station and in the meantime work out the cost sharing agreements, revenue sharing agreements, due diligence on the wastewater agreement. The San Diego City Council from 2014, there were 4-5 different things they wanted done including Pure Water and Pure Water is the only thing being done. He doesn't understand why the environmental stakeholders wouldn't want to be a partner in that. The concern is that this is the cart before the horse. Ms. Razak stated that unfortunately this is a very critical and sensitive time where they are waiting for the EPA to issue their draft opinion any day now and all the regional water board hearings and coastal commission hearings will be happening and this is where they need the environmental community support, so it would send very negative message to start any discussions to renegotiate any of the commitments that they have which took months to get agreement on. If the Waiver is not approved, it would be very expensive and not pretty. Ms. Razak stated some conversations had been held with the environmental stakeholders regarding the concerns of the JPA and they were not very happy.
- Chair Peasley stated it would seem that the environmental community could see things have changed and they should be able to understand. Everyone is committed to Pure Water; it is just the time factor and the costs to the rate payers. Time is needed to get secondary equivalency approved and then work with the environmental community.
- Vice Chair Jones stated he too would be upset if he was on the environmental community side and the City of San Diego came and said right now we can only do 15 mgd but we are willing to build the 30 mgd in the advanced treatment system which will be there once we move along with OPRA 2 and we are offering the 30 mgd. This should be a negotiating point with them and should be able to discuss this with them reasonably. Ms. Razak stated she could only say they had discussions with them and they were not negotiations due to the high risk and timing sensitivity and she feels she knows where they stand. She could not however answer if the City was willing or not willing to talk to the environmental community about what the PAs are asking be done.
- Ms. Razak stated they are only asking to move forward on the approval of these design contracts with the idea that the City of San Diego will possibly push the pause button if the other pieces do not come in time and align they way they were discussed in the last meeting. San Diego is hoping to start the discussions back in Washington DC once the elections are over and then start setting up meetings with the EPA and so forth at the beginning of the calendar year. More frequent and detailed briefings will be provided to the JPA every step of the way.
- Chair Peasley asked what approach the City of San Diego would take if Secondary Equivalency is not achieved. Ms. Razak stated the Mayor and Council would have to discuss this and decide what the prudent next steps are. She stated she believes strongly the environmental community will help us get there.
- Commissioner Ambrose inquired as to if we are required to go to Secondary, will be have to pay for everything, another words get double dinged? Ms. Razak suggested it be looked at as an investment to ensure we have the waiver for this time around and that is what the contracts provide. It gives them 5 years and

time to work on making sure Secondary Equivalency is in place. The City will be going in front of the State Board and the Coastal Commission and they are now at the point they hoped to get to. She also committed to personally speak before any Council or Board and explain in detail and provide personal commitments for the strong work and advocacy that they will be doing to secure Secondary Equivalency.

- Vice Chair Jones stated he felt the simple solution would be if there was a risk and at the end of that risk there was a failure, but San Diego still benefits, then why is San Diego asking the PAs to participate? Why doesn't San Diego take on the \$23 million in risk, start with the plans and get through the 2019 opt out date or the passage of the OPRA 2 and then work in agreement with the PAs who can retroactively participate in this and continue with the \$406 million project once they know they don't have secondary equivalency hanging over their heads? That would solve a lot of problems San Diego would have to put the money up front, but succeed or fail, the City is still the beneficiary of that \$23 million. Ms. Razak responded that the City is a large entity and there is a water rate payer and a wastewater rate payer. The wastewater rate payer is exactly in the same boat as the JPA members are and are taking the risk, doing the investment to secure the coming waiver that will buy 5 more years. Prop 218 is clear that the wastewater rate payer needs to be treated very separately and distinctly from the water rate payer. So for the wastewater rate payer on the City side to take the portion of the risk from the JPA rate payer is problematic from a legal prospective. Vice Chair Jones stated he was suggesting that San Diego water rate payers should take the risk because they will benefit from the program whether it succeed or fail, once it succeeds then those costs are shifted back to wastewater because that then becomes a requirement. Right now there is nothing in the current permit, there is nothing in the enforceable permit application that requires the building of anything or has any expenditure on the wastewater side. Questions are still being answered as whether a pump station is required to get to the 15 mgd. The bottom line is right now there is no requirement to push more waste water to the North City plant. If the City proceeds with the wastewater side of this as a water source, and the extra water is needed, it is up to the water customers to pull it to themselves. Once OPRA changes and that relationship changes then the costs can be shifted back to a mutually beneficial arrangement. Ms. Razak stated that the challenge was that a very big driver of the Pure Water Program is the wastewater needs. The program is justified as a water/wastewater program.
- Commissioner Lopez requested clarification on the South Bay Project and whether it was eliminated. Ms. Razak stated it was still going to be looked at in Phase 2 for possible inclusion in the 53 mgd.

Chair Peasley noted that the City of San Diego had requested Items 5 & 6 be joined together for the purpose of presentation, action on each to be taken after.

ACTION: Motion by Commissioner Woiwold, seconded by Vice Chair Jones, to join Items 5 & 6. Motion carried unanimously.

5. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE AN AGREEMENT WITH AECOM FOR DESIGN ENGINEERING SERVICES FOR MORENA PUMP STATION AND CONVEYANCE SYSTEM

Wendy Gamboa, Senior Engineer on the Pure Water Team walked the JPA through her Power Point presentation on the agreement with AECOM for design engineering services for the Morena Pump Station and Conveyance System. The presentation included the project purpose; scope and location; selection process and contract terms.

- Chair Peasley inquired as to the duration of the design contract which would be starting in 2019 and received confirmation from Ms. Razak that the off ramps in the agreements would be looked at prior to going into construction as well as cost

allocation, secondary equivalency etc. The next off ramp was believed to be 2019 per Deputy City Attorney Zeleny.

- MetroTAC Chair Humora stated they too had held a robust discussion and reviewed this item twice and had the same concerns as the JPA regarding why they were building 30 mgd in the first phase and the Morena Pump Station now, as well as the concerns expressed with secondary equivalency, cost allocation and the permit approval process. TAC wanted to be positive and do support the Pure Water Program so their motion was to support 15 mgd phase 1 project but prior to any wastewater expenditures for the Morena Pump Station they want an agreement on Pure Water Cost Allocation, approval of secondary equivalency, financing plans for Pure Water expenditures and evaluations of regulations for implementation of the Pure Water Program like things being able to go to Miramar rather than San Vicente and flushing through the projects through the Department of Drinking Water and the permits. The motion was approved unanimously at TAC.
- Vice Chair Jones requested and received clarification from Deputy City Attorney Zeleny as to the difference between an agreement and milestones. The milestones in the cooperative agreement trigger certain activities on the part of the City but do not amount to a breach of the agreement. An actual deadline is a breach of the agreement. Vice Chair Jones stated that the milestones in the permit application are for 15 mgd and in the cooperative agreement those are identified as tasks to be done so they are a little different or inconsistent.

6. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE AN AGREEMENT WITH CH2M HILL ENGINEERS, INC. FOR DESIGN ENGINEERING SERVICES FOR THE NORTH CITY WATER RECLAMATION PLANT EXPANSION AND INFLUENT CONVEYANCE PROJECT

John Helminski provided a brief verbal overview of the Power Point presentation on the agreement with CH2M Hill Engineers, Inc. for design engineering services for the North City Water Reclamation Plant Expansion and Influent Conveyance Project. It included the project objective/purpose; NCWRP aerial view – proposed upgrades and proposed contract.

- Chair Peasley inquired as to if there was enough raw flow at North City today, would they be discussing 15 mgd at North City and not the Morena Pump Station? Mr. Helminski stated that looking at the study done in 2012 the answer would be yes, however after looking at the validation it was determined that there was not sufficient flow and other improvements were identified to be necessary. Chair Peasley stated that when it was 15 mgd, there was a lower wastewater cost compared to now at 30 mgd, basically going from \$0 cost to \$400 million to the JPA.

John Helminski noted that at the MetroTAC meeting yesterday, there were several questions that came up. A) The first was is the Morena Pump Station required to deliver 15 mgd of Pure Water. The 2012 study assumed that there were no improvements needed to get the 15 mgd. Through the validations it was determined that the pump station was needed as 11.8 mgd was needed at the North City plant. They are currently using 6.5 mgd and the remaining are projects underway or projects that are planned over the next 3 years and that brings them up to 11.8 mgd. One of the things driving this is well is the muni-code that anyone wanting to hook up to the purple pipe system cannot be refused. They are not looking at evolving or expanding the existing pipeline but there are a number of in fill projects that are currently being accommodated. Thus there needs to be 32 mgd of influent to North City in order to produce the 11.8 mgd non potable water and serve 15 mgd of pure water. The pump station at Penasquitos and Pump Station 64 and the Morena Pump Station is still needed for 6 mgd to meet this goal. NPR demands are 6.7 mgd for existing customers and 5.1 mgd for future projects which totals 11.8 mgd. If the Morena Pump Station were not to be built, they would have to reduce the NPR to 6.3 mgd. which is less than currently served and the muni-code would require changing to limit any customers from advancing. B) Another question that came up was what are the minimum wastewater treatment improvements that are required for North City to deliver 15 mgd of pure water? The 2012 study indicated no improvements but they would have to convert

some of the existing aeration basins, build additional basins, build additional secondary clarifiers, demolish one of the existing clarifiers, additional yard piping and transmission mains for the ultimate capacity due to the constrained site, additional chemical storage and Marina Pump Station would be needed for the additional affluent. If Morena was to be built as a single phase 30 mgd, these would be the costs of doing so for these two locations and does not include any of the metro bio-solids improvements spoken of that make up the larger of the \$407 million total. The next two columns if broken up to 15 mgd, there are still costs associated with both the North City plant and building the Morena Pump Station and then there really is a residual cost in phase 2 of \$20 million for North City and Morena would be another \$7.5 million. The total for phase 1 & 2 is the third column which is slightly higher than building 30 mgd all at once. C) The third question was what additional risks are there as far as two phases. There are four years of escalation costs in not doing it all at once. A second construction mobilization and de mobilization costs; additional design and procurement processes would be incurred and they would have to go back for another set of permits; increase of operational risks due to down time and interruption of services.

MetroTAC Chair Humora stated that he appreciated the additional information.

Chair Peasley moved back to action on Item 5.

MetroTAC Chair Humora stated the motion the MetroTAC made yesterday was to support a 15 mgd Phase 1 Pure Water Project. Prior to wastewater expenditure for the Morena Pump Station we request the following: agreement on pure water cost allocation, approval of secondary equivalency, a financing plan for expenditures and evaluation of regulation for implementation of the Pure Water Program.

ACTION: Motion by Vice Chair Jones to support a 15 mgd Phase 1 Pure Water Project. Prior to wastewater expenditure for the Morena Pump Station we request the following: an agreement on pure water cost allocation, approval of secondary equivalency, a financing plan for expenditures and evaluation of regulation for implementation of the Pure Water Program. Motion seconded by Commissioner Ambrose and carried unanimously.

Chair Peasley moved back to action on Item 6.

MetroTAC Chair Humora stated the motion that MetroTAC made yesterday was the same as the motion made previously but for the NCWRP on Item 5.

ACTION: Motion by Vice Chair Jones to support a 15 mgd Phase 1 Pure Water Project. Prior to wastewater expenditure for the North City Water Reclamation Project we request the following: an agreement on pure water cost allocation, approval of secondary equivalency, a financing plan for expenditures and evaluation of regulation for implementation of the Pure Water Program. Motion seconded by Commissioner Ambrose and carried unanimously.

Chair Peasley suggested that perhaps it was time for the Metro Commission to draft a letter to the Mayor and City Council of San Diego expressing their concerns and views and requested MetroTAC draft such a letter for the Chair to sign.

Assistant General Counsel Martin suggested the letter be addressed to the Mayor with copies to the Council members.

ACTION: Motion by Commissioner Parks, seconded by Vice Chair Jones that the MetroTAC draft a letter to the Mayor with copies to the City Council of San Diego expressing the actions taken on the agreement items. Motion carried unanimously.

Vice Chair Jones stated he would be attending the City of San Diego Council Meeting.

Chair Peasley stated he may be attending the meeting as well.

7. **ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE AN AMENDMENT TO THE SOLE SOURCE AGREEMENT FOR SPECIAL COUNSEL FOR HAWKINS DELAFIELD AND WOOD (HDW) TO PROVIDE SPECIALIZED LEGAL SERVICES FOR THE LANDFILL GAS, COGENERATION AND BIOSOLIDS MANAGEMENT FACILITIES AND SERVICES PROJECT**

MetroTAC Chair Humora stated they had heard the presentation yesterday and approved it with a caveat that the City of San Diego review the Environmental Services Division contribution to the project as related to landfill gasses and the Environmental Services Division has been very supportive of reuse of the gasses and very helpful of this but should participate in this item expense as well.

ACTION: Motion by Commissioner Miesen, seconded by Commissioner Lopez, to approve the amendment with the same caveat of MetroTAC, to have the City of San Diego review the Environmental Services contribution to the project. Motion carried by unanimous vote.

8. **REPORT: MONTGOMERY WATSON HARZA (MWH) TASK ORDER OVERVIEW**

Julie Labonte of MWH provided a brief verbal overview of her Power Point presentation covering the 31 authorized active task orders, 9 have been completed and future task orders A, B, C & D and everything worked on for the past 18 months.

MetroTAC Chair Humora stated that they had some discussion regarding Item 30, the North City Water Reclamation Plant White Paper in trying to understand the purpose and scope and also had a minor correction to the numbers on the total cost on Item 30 (which was updated on the slide).

9. **ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE AMENDMENT NO. 1 TO THE AS-NEEDED ENGINEERING TECHNICAL SERVICES CONSULTANT AGREEMENT WITH MONTGOMERY WATSON HARZA (MWH) AMERICAS, INC. FOR THE PURE WATER SAN DIEGO PROGRAM**

John Helminski noted that the original contract was for \$30 million over 5 years which included program management; program controls; risk change in quality; regulatory as it has to do with the State Water Board and what has to be done to move to Title 22 engineering report for water; pre-design elements that have lead up to contracts that are moving forward for approval; program management MWH was recently bough out by Santec. They still envision looking at a Biosolids management plan update; pilot testing for brine impacts on Pt. Loma and wastewater treatment optimization studies; pilot studies for the Miramar system and impacts on the reservoir and modeling as well; preliminary engineering on conveyance and RFQ RFP for the Miramar water improvement program; cogen and meetings with the Division of Drinking Water and NPD; optimization of operations plan; technical and technical evaluation engineering reviews for design efforts as they move forward; prequalification and pre-selection of the advanced water treatment equipment; developing what the CM plan will look like and help the City at the program level. They are also working on an O&M plan which ties into Title 22. This amendment is an increase of \$16.4 million to a total of \$46.4 million. A total of \$12.9 million on wastewater and \$38.5 million on water.

MetroTAC Chair Humora stated they had heard this item several months ago and had questions regarding the allocations on the outreach which they approved after having their questions answered.

ACTION: Motion by Vice Chair Jones to approve this item, seconded by Commissioner Miesen and carried unanimously.

10. ADJOURNMENT

At 1:56 p.m., there being no further business, Commissioner Peasley declared the meeting adjourned.

Recording Secretary

Attachment 6

Contract with MP Environmental Services

+METRO JPA/TAC**Staff Report****Date: 9/27/16**

Project Title: Remove, Clean, and De-water Solids from Digesters at Point Loma Wastewater Treatment Plant.

Requested Action: Approval to award a Service Contract to the MP Environmental Services Inc. for cleaning, hauling, and disposing of approximately 3.4 million gallons of residuals from Digesters S1/S2/7 at the Point Loma Wastewater Treatment Plant (PLWTP).

Recommendations:

Metro TAC:

IROC:

Prior Actions:

(Committee/Commission,
Date, Result)

Fiscal Impact: The total estimated cost for this contract is \$2,269,522. Funds are available in FY17 Metro Sewer Utility Fund 700001.

Is this projected budgeted? Yes X No Cost breakdown between
Metro & Muni: \$2,269,522 (Metro)Fiscal impact to the Metro
JPA: \$760,290 (33.5% Metro JPA)**Capital Improvement Program:**New Project? Yes No X (Maintenance) N/A Existing Project? Yes X No Upgrade/addition Change **Previous TAC/JPA Action:** N/A

Additional/Future Action: Digesters at Point Loma Wastewater Treatment Facility require to be cleaned every 5 to 8 years to remove accumulated solids (sludge).

City Council Action: No Council action is required since this is a Service Contract and the amount is less than \$3 million.

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

The Point Loma digesters S1, S2 and 7 are reaching their capacity due to the accumulated solids over the years from the treatment process. The solids/sludge need to be removed in order to enhance the treatment process, improve the mixing of the sludge, increase the working volume and reduce energy costs.

This action is to award the contract to MP Environmental Services Inc., which has been selected through the City's competitive bidding process. The total estimated cost for this project is \$2,269,522 which includes \$1,891,268 for construction and \$378,254 for project administration and contingency.

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

The bid by MP Environmental is determined responsive and \$1,336,678.50 less than the second bid. The selected Contractor will use advanced equipment and machineries to remove, clean and dewater the solids/sludge from the digesters for disposal to the landfill.

Bid Results: *If bidding was done provide bidding format and results*

Bid opening was held on September 6, 2016, and there were two bids: 1) MP Environmental Services Inc. at \$1,891,268, and 2) American Process Group Inc. at \$3,227,946.50. MP Environmental Services Inc. was selected as the lowest responsive bidder at \$1,891,268.

Attachment 7
Metro Comm/
Metro
Wastewater
JPA/MetroTAC
and Metro
Wastewater JPA
Finance
Committee
Meeting
Calendars

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

2017 Meeting Schedules

METRO COMM/METROJPA 1st Thursday of the month		METRO TAC 3rd Wednesday of the month	
November 3, 2016	12:00 – 1:00	November 16, 2016	11:00 – 1:30
December 1, 2016	12:00 – 1:00	December 21, 2016	11:00 – 1:30
January 5, 2017 (if needed)	12:00 – 1:00	January 18, 2017	11:00 – 1:30
February 2, 2017	12:00 – 1:00	February 15, 2017	11:00 – 1:30
March 2, 2017	12:00 – 1:00	March 15, 2017	11:00 – 1:30
April 6, 2017	12:00 – 1:00	April 19, 2017	11:00 – 1:30
May 4, 2017	12:00 – 1:00	May 17, 2017	11:00 – 1:30
June 1, 2017	12:00 – 1:00 (SANDIST meeting immediately following)	June 21, 2017	11:00 – 1:30
July 6, 2017	12:00 – 1:00	July 19, 2017	11:00 – 1:30
August 3, 2017	12:00 – 1:00	August 16, 2017	11:00 – 1:30
September 7, 2017	12:00 – 1:00	September 20, 2017	11:00 – 1:30
October 5, 2017	12:00 – 1:00	October 18, 2017	11:00 – 1:30
November 2, 2017	12:00 – 1:00	November 15, 2017	11:00 – 1:30
December 7, 2017	12:00 – 1:00	December 20, 2017	11:00 – 1:30
January 4, 2018	12:00 – 1:00	January 17, 2018	11:00 – 1:30

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

Metro Wastewater JPA Finance Committee

2017 Meeting Schedule

Last Wednesday of the Month

December 28, 2016	12:00 – 3:00
January 25, 2017	12:00 – 3:00
February 22, 2017	12:00 – 3:00
March 29, 2017	12:00 – 3:00
April 26, 2017	12:00 – 3:00
May 31, 2017	12:00 – 3:00
June 28, 2017	12:00 – 3:00
July 26, 2017	12:00 – 3:00
August 30, 2017	12:00 – 3:00
September 27, 2017	12:00 – 3:00
October 25, 2017	12:00 – 3:00
November 29, 2017	12:00 – 3:00
December 27, 2017	12:00 – 3:00
January 31, 2018	12:00 – 3:00

**NOTE: Meetings are held at MWWD MOC II, 9192 Topaz Way,
San Diego, CA 92023. Meeting room varies, please check your
agenda for location of meeting.**

Attachment 8

INTEGRATED REGIONAL WATER MANAGEMENT REGIONAL ADVISORY COMMITTEE NOMINATIONS



Regional Advisory Committee Membership Application

October 2016

The Regional Advisory Committee (RAC) was formed in December 2006 to assist the Regional Water Management Group (RWMG) with completion of the San Diego IRWM Plan and prioritization of projects for a funding application. The IRWM Plan was completed in 2007; since then, the San Diego Region has been awarded \$90.6 million from the Department of Water Resources to support 57 high-priority projects. The RAC continues to serve as the primary advisory body for the San Diego IRWM Program, providing recommendations to the RWMG on key issues related to IRWM planning and funding applications. RAC meetings are held bi-monthly and are posted for the entire calendar year at www.sdirwmp.org.

Thirteen seats will come open on the RAC at the end of 2016. Each position will have a four-year term on the RAC that runs from January 2017 – December 2020. Current RAC members are welcome to re-apply for the new term. Before you apply, please review the RAC Charter (<http://www.sdirwmp.org/regional-advisory-committee>, click on “RAC Roles and Responsibilities”) to ensure that you are able to serve on the RAC and follow the guidelines established in the RAC Charter.

If you are interested in serving on the RAC, please fill out the membership application form below and return it to Mark Stadler, IRWM Program Manager, at mstadler@sdewa.org, by November 10, 2016.

Please contact Mark if you have any questions at mstadler@sdewa.org or 858-522-6735.

RAC Member Replacement Process

RAC member replacement will take place every other year in December. Terms for approximately half of the RAC membership shall expire every other year. See attached “**Exhibit A**”.

RAC Membership Composition

The Membership Workgroup will recommend people to fill 13 available seats (of 28 voting members), each of which has a term that expires December 31, 2020. See attached “**Exhibit B**”.

San Diego Integrated Regional Water Management (IRWM) Program Regional Advisory Committee (RAC) Membership Application

*Please return this form to Mark Stadler (mstadler@sdewa.org) by **November 10, 2016**. A workgroup representing the RAC caucuses will review the applicants and recommend who should fill the 13 vacancies. The final decision concerning the new members will be made by the Regional Water Management Group and the RAC.*

Name: _____
Organization: _____
Email: _____ Phone Number: _____

Please indicate which vacant RAC seat(s) you are applying for (note that all names highlighted in red in the RAC Member Composition Section are vacant):

Please indicate if you meet the eligibility criteria:

- ☐ Represents an agency, non-profit organization, tribe, or academia.

Describe your knowledge and experience related to water management, including participation in the IRWM Program or other water resource policy, planning, outreach, or implementation efforts:

Describe how your experience and knowledge allows you to:

1. Have the ability and desire to objectively articulate the perspective of your RAC seat and caucus at a level beyond that within your individual organization.
2. Provide recommendations with the best interests of the entire San Diego IRWM region in mind.

Describe how your position within your organization allows you to:

1. Act as a point of contact within your individual organization for collection and dissemination of information related to the IRWM Program.
2. Disseminate information about the IRWM Program to your contacts, as appropriate.

Exhibit A: RAC Reorganization – Process Overview

October 2016

RAC Member Replacement (Section 8 of RAC Charter – modified for 2016)

RAC member replacement will take place every other year in December. RAC member replacement shall occur via the process outlined below:

1. The RWMG will solicit applications from all IRWM stakeholders, including RAC members whose terms are expiring. Applications will be held to a firm deadline, after which applicants will no longer be considered. For the 2016 process, applications will be accepted from October 5 through November 10, 2016.
2. A RAC Membership Workgroup will be convened to develop recommendations for RAC member replacement. The Workgroup will be comprised of 3 RWMG members and 1 representative from each voting caucus, for a total of 8 members. To avoid self-appointments, the Workgroup members shall be limited to *current RAC members whose term is not expiring*. The RAC caucuses shall deliberate during breakout groups at the October 5 RAC meeting.
3. The RAC will review the proposed RAC Membership Workgroup members and provide a recommendation to the RWMG. If the RAC cannot reach a consensus recommendation, it will inform the RWMG of this situation.
4. The RWMG will review the recommendation. Applicants will be notified by the RWMG of their appointment to the Workgroup (by October 31, 2016).
5. The RWMG will review the RAC member applicants to confirm that they meet the RAC Member Composition stipulated in the RAC Charter.
6. If the RWMG does not receive applications to fill each open seat on the RAC, it will reopen the application period for one week and the Workgroup meeting will be delayed.
7. The Workgroup representative from each caucus may distribute the list of applicants to their caucus and work with the caucus members to develop a recommendation for the new members of their caucus, if desired.
8. On December 7, 2016 (following the RAC meeting), the Workgroup will meet to review the applicants and provide a recommendation to the RWMG on the RAC membership. If the Workgroup cannot reach a consensus recommendation, it will inform the RWMG of this situation.
9. The RWMG will review the recommendation. Applicants will be notified by the RWMG of their appointment to the RAC (by December 31, 2016), and at that time will be asked to appoint a permanent alternate who is suitable to participate on the RAC under the member composition guidelines described in the RAC Charter. RAC members selected by the Workgroup will be assigned a four-year term.
10. The new RAC membership will be effective on January 1, 2017. RMC and the RWMG will hold a New RAC Member Orientation in early 2017 as needed for new RAC members.

Each RAC Membership Workgroup will remain in place for two years to address any membership issues that arise over those two years, including replacement of a member that retires or resigns.

Exhibit B: RAC Member Composition

October 2016

(NTL): No term limit

(2013-16): Currently serving 4-year term

(2015-18): New Members as of 2015

Regional Water Management Group (3)

1. City of San Diego – Lan Wiborg (NTL), A: Goldy Herbon
2. County of San Diego – Ramin Abidi (NTL), A: Stephanie Gaines
3. San Diego County Water Authority – Toby Roy (NTL), A: Mark Stadler

Water Supply (5)

Agencies and entities tasked with supplying water to homes, businesses, and agriculture

1. Retail (North County-Inland) – Greg Thomas/Rincon del Diablo MWD (2015-18), A: Julia Escamilla
2. Retail (North County-Coastal) – Bill Hunter/Santa Fe Irrigation District (2015-18), A: Michael Bardin
3. Retail (East County) – Brian Olney/Helix Water District (2015-18), A: Mark Umphres
4. *Retail (South County) – Jennifer Sabine/Sweetwater Authority (2013-16), A: Ron Mosher*
5. *Retail (At Large) – Kim Thorner/Olivenhain Municipal Water District (2013-16), A: Joey Randall*

Water Quality (6)

Agencies and entities tasked with managing storm runoff, both quantity and quality, in man-made conveyances and/or collecting and disposing of wastewater, including water recycling

1. *Stormwater Management (North County) – Crystal Najera/City of Encinitas (2013-16), A: Ligeia Heagy/City of Carlsbad*
2. Stormwater Management (South/East County) – Chris Helmer/City of Imperial Beach (2015-18), A: Joe Kuhn
3. Water Quality (NGO) – Travis Pritchard/San Diego CoastKeeper (2015-18), A: Kristin Kuhn
4. *Water Quality (NGO) – Leigh Johnson/University of California Cooperative Extension (2013-16), A: Loretta Bates*
5. *Wastewater/Recycled Water (Metro JPA) – Bob Kennedy/Otay Water District (2013-16), A: Greg Humora/City of La Mesa*
6. Wastewater/Recycled Water (Non-Metro JPA) – Mike Thornton/San Elijo JPA (2015-18), A: Chris Trees

Exhibit B: RAC Member Composition

Natural Resources and Watersheds (5)

Agencies and entities tasked with preserving, enhancing, and managing natural resources and watersheds

1. *Water Conservation (NGO) – Patrick Crais/California Landscape Contractors Association (2013-16), A: Chris Roesink*
2. *Protection and Restoration (NGO) – Phil Pryde/San Diego River Park Foundation (2015-18), A: James Peugh*
3. *Protection and Restoration (NGO) – Ronald Wooton/Buena Vista Lagoon Foundation (2013-16), A: Jay Klopfenstein*
4. *Recreation – Al Lau/Padre Dam Municipal Water District (2013-16), A: Arne Sandvik*
5. *Coastal Ecosystems (Bays, Estuaries, Lagoons) – Kimberly O’Connell/UCSD Clean Water Utility (2013-16), A: Julie Hampel*

DAC/Environmental Justice (2)

Agencies and entities who represent disadvantaged communities and/or environmental justice concerns

1. *Urban DAC – Jennifer Hazard/Alter Terra (2013-16), A: Oscar Romo*
2. *Rural DAC – Olga Morales/Rural Community Assistance Corporation (2015-18), A: Angela Hengle/ Ari Neumann*

Other Members (7)

Other agencies and entities with interest in and/or impact on water resource management

1. *Flood Management – Mark Seits/Floodplain Management Association (2015-18), A: Brinton Swift*
 2. *Business Community – Michael McSweeney/Building Industry Association (2015-18), A: S. Wayne Rosenbaum*
 3. *Agriculture – Eric Larson/San Diego County Farm Bureau (2013-16), A: Casey Anderson*
 4. *Tribal – John Flores/San Pasqual Band of Mission Indians (2015-18)*
 5. *Land Use Planning – Sarah Pierce/SANDAG (2013-16)*
 6. *At Large – Ann Van Leer/Escondido Creek Conservancy (2015-18), A: Betsy Keithley*
 7. *At Large* -- Robyn Badger/Zoological Society of San Diego (2013-16), A: Kelly Craig*
- * For At Large seats, consideration should be given but not limited to the following criteria: academia, climate change, energy/water nexus, solid waste/water nexus, sustainability.*

Non-Voting Members (6)

State, federal, and regional agencies who are interested parties

1. *Regional Water Quality Control Board – Laurie Walsh (NTL)*
2. *U.S. Bureau of Reclamation – Jack Simes (NTL)*
3. *Military Community – John Simpson/USMC Camp Pendleton (NTL)*
4. *Tri-County FACC (Upper Santa Margarita RWMG) – Justin Haessly/Rancho California Water District (NTL)*
5. *Tri-County FACC (South Orange RWMG) – Marilyn Thoms/County of Orange (NTL)*
6. *State Coastal Conservancy – open*
7. *U.S. Forest Service, Cleveland National Forest – Gloria Silva (NTL), A: Emily Fudge*
8. *U.S. Indian Health Services – Sean Bush (NTL)*

Attachment 10

METRO TAC UPDATE REPORT

Active Items	Description	Member(s)
Sample Rejection Protocol Working Group	7/16: The sample rejection protocol from the B&C 2013 report has been under discussion between PUD staff and Metro TAC. A working group was formed to deal with this highly technical issue and prepare draft recommendations on any changes to current sampling procedures. <i>The existing protocol is to be used through FY16. If changes are approved to the protocol they will be implemented in FY17.</i>	Dennis Davies Dan Brogadir Al Lau Dexter Wilson SD staff
PLWTP Permit Ad Hoc Work Group	8/15: Greg Humora and Scott Tulloch continue to meet with stakeholders. Cost allocation subcommittee continues to meet with City staff. Milestones are included in each month Metro TAC and Commission agenda packet.	Greg Humora Scott Tulloch SD staff & consultants Enviro members
Flow Commitment Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to review the Flow Commitment section of the Regional Agreement and make recommendations on the fiscal responsibilities of members who might withdraw their flow from the Metro System. The Work Group held their first meeting June 24, 2016. Yazmin Arellano will chair the work group.	Yazmin Arellano Roberto Yano Eric Minicilli Al Lau SD staff Karyn Keese
Social Media Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to research and provide input on the creation of policies and procedures for Metro JPA social media. Mike Obermiller will chair this work group. He sent out an email to all Metro TAC members requesting copies of their agency's policies. <i>A draft policy has been approved by Metro TAC and will be presented to the Commission in October by Alexander Heide</i>	Mike Obermiller Alexander Heide
Secondary Equivalency	5/14: Definition of secondary equivalency for Point Loma agreed to be enviros 12/14: Cooperative agreement signed between San Diego and enviros to work together to pass legislation for secondary equivalency (until 8/1/19) San Diego indicated that passage of Federal legislation is not possible under the current political environment. San Diego is exploring options for State legislation 9/15: Letter received from EPA endorsing modified permit for Point Loma 6/16: Pursuit of Federal Legislation will be held off until after the November 2016 election.	Greg Humora Scott Tulloch
Pure Water Program Cost Allocation Ad Hoc Work Group	A working group was formed to discuss Pure Water program cost allocation. <i>Concepts to be refined by Metro TAC and San Diego staff for presentation to Commission 1/17.</i>	Greg Humora Scott Tulloch Roberto Yano Karyn Keese SD staff & consultants
Pure Water Program Cost Allocation Metro TAC Work Group	5/14: Draft facility plan and cost allocation table provided to Metro TAC working group 3/15: Draft cost allocation presentation provided to Metro TAC	Greg Humora Scott Tulloch Rick Hopkins Roberto Yano Al Lau Bob Kennedy Karyn Keese
Exhibit E Audit	6/16: FY 2013 audit accepted by Metro Commission; <i>9/16: FYE 2014 audit accepted by Metro Commission. FYE 2015 audit report to be issued by end of 2016 and then all audits will be caught up.</i>	Karyn Keese Karen Jassoy
Amend Regional Wastewater Disposal Agreement	The addition of Pure Water facilities and costs will likely require the amendment of the 1998 Regional Wastewater Disposal Agreement. The Padre Dam billing errors have led to a need to either amend the Agreement and/or develop administrative protocols to help resolve potential future billing errors. After Pure Water cost allocation had been agreed to this effort will begin.	Greg Humora Roberto Yano Dan Brogadir Paula de Sousa Mills Karyn Keese

Active Items	Description	Member(s)
Management of Non-Disposables in Wastewater	9/13: Eric Minicilli handed out a position paper prepared by the NEWEA. 6/15 Chairman Humora provided attached from SCAP. 2/16: Chairman Humora distributed Robbins Geller Rudman & Dowd memorandum.	Eric Minicilli
2015/16 Transportation Rate Update	5/14: Metro TAC approved 2014 transportation rate w/caveat that PUD staff hires a consultant to review/revise methodology for 2015.	Al Lau Dan Brogadir Karyn Keese
IRWMP	8/15 RAC minutes included in August Metro TAC agenda. Padre Dam received a \$6 million grant for their project. <i>9/16: June 2, 2016 and August 3, 2016 minutes presented to Metro TAC.</i>	Bob Kennedy Steve Beppler Greg Humora
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of pharmaceutical collection events within the region sponsored by law enforcement.	Greg Humora
Strength Based Billing Evaluation	San Diego will hire a consultant every three years to audit the Metro metered system to insure against billing errors.	Al Lau Dan Brogadir Karyn Keese
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy.	Eric Minicilli
Point Loma Modified NPDES Permit	1/15: Permit was submitted. EPA has begun their review. <i>11/16 first possible date at the Regional Board for consideration.</i>	Greg Humora Scott Tulloch Karyn Keese
Changes in water legislation	Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	Paula de Sousa Mills
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.	Bill Sandke Ed Spriggs

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

Lemon Grove	Mike James	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
National City	Joe Smith	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Coronado	Godby, Kim	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Otay Water District	Bob Kennedy	MBC Dewatering Centrifuges Replacement (Accepted)/Strategic Planning Rep	01/2012
Del Mar	Eric Minicilli	New As Need Engineering Contract	02/2012
Padre Dam	Al Lau	PA Rep. for RFQ for As Needed Design Build Services (Passed)	05/2012
County of San Diego	Dan Brogadir	PA Rep. for RFQ for As Needed Design Build Services (Cancelled project)	05/2012
Chula Vista	Roberto Yano	As-Needed Condition Assessment Contract (Accepted)	06/2012
La Mesa	Greg Humora	New programmatic wastewater facilities condition (Awaiting Response)	11/2012
Poway	Tom Howard	Optimization Review Study	01/2013
El Cajon	Dennis Davies	PUD 2015 Annual Strategic Plan	1/15/14
Lemon Grove	Mike James	As-Needed Engineering Services (Passed)	7/25/14
National City	Kuna Muthusamy	As-Needed Engineering Services	7/25/14
Coronado	Ed Walton	Strategic Planning	01/2014
Otay Water District	Bob Kennedy	Strategic Planning (Volunteered, participated last year)	01/2014
Del Mar	Eric Minicilli	Pure Water Program Manager Services	9/1/14
Padre Dam	Al Lau	Pure Water Program Manager Services	9/1/14
County of San Diego	Dan Brogadir	As-Needed Condition Assessment Contract	3/24/2015
Chula Vista	Roberto Yano	Out on Leave	6/10/15
La Mesa	Greg Humora	North City to San Vicente Advanced Water Purification Conveyance System	6/10/15
Poway	Mike Obermiller	Real Property Appraisal, Acquisition, and Relocation Assistance for the Public Utilities Department	11/30/15
El Cajon	Dennis Davies	PURE WATER RFP for Engineering Design Services	12/22/15
Lemon Grove	Mike James	PURE WATER RFP Engineering services to design the North City Water reclamation Plant and Influence conveyance project	03/16/15
National City	Kuna Muthusamy	Passes	04/04/2016
Coronado	Ed Walton	As-Needed Environmental Services - 2 Contracts	04/04/2016
Otay Water District	Bob Kennedy	As Needed Engineering Services Contract 1 & 2	04/11/2016
Del Mar	Eric Minicilli	Pure Water North City Public Art Project	08/05/2016
Padre Dam	Al Lau	Biosolids/Cogeneration Facility solicitation for Pure Water	08/24/2016
County of San Diego	Dan Brogadir	Pure Water North City Public Art Project	08/10/2016
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Tom Howard		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		

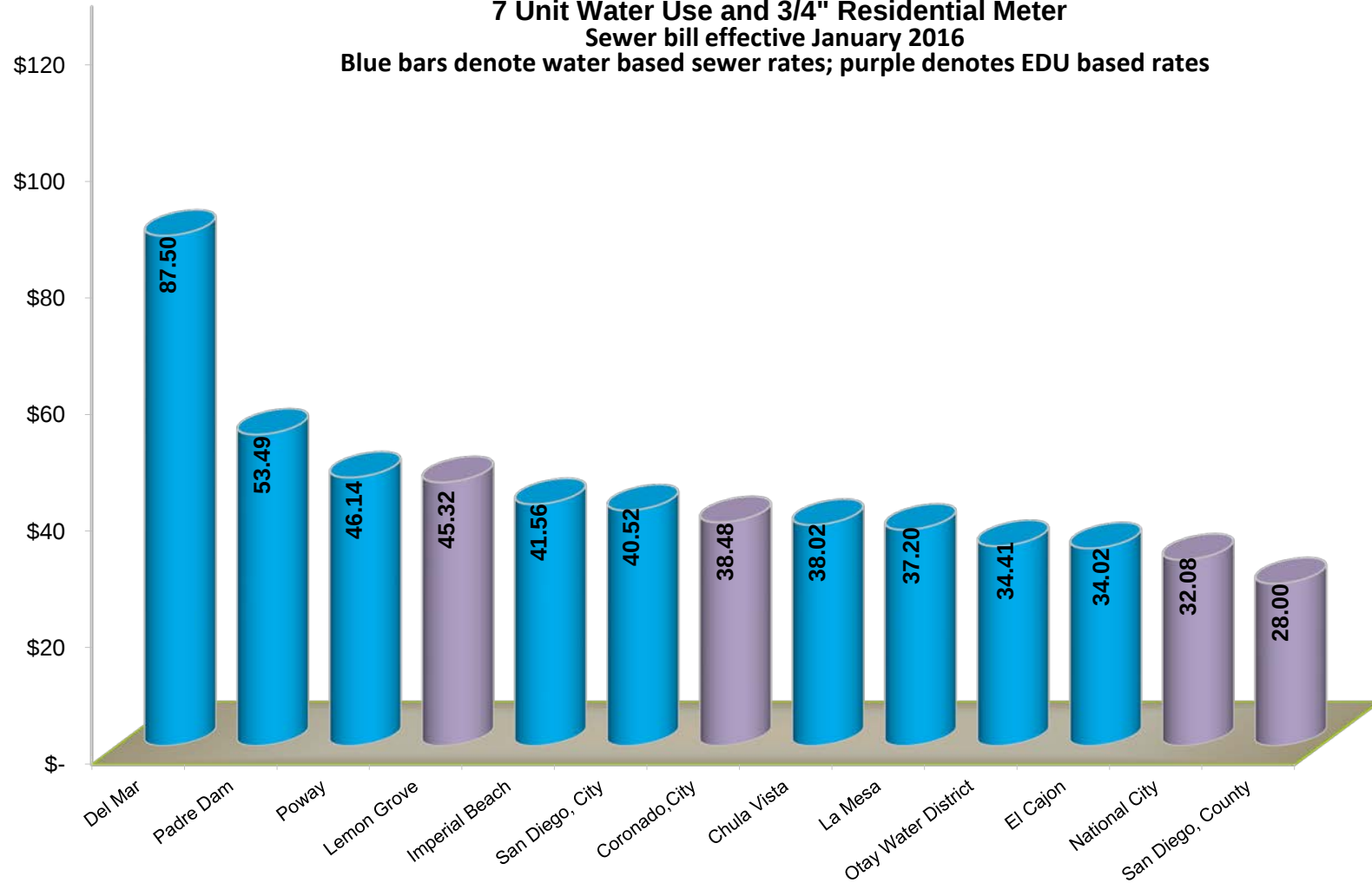
National City	Kuna Muthusamy		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Eric Minicilli		
Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Kuna Muthusamy		
Coronado	Ed Walton		

Metro Member Agencies Sewer Rate Comparison

7 Unit Water Use and 3/4" Residential Meter

Sewer bill effective January 2016

Blue bars denote water based sewer rates; purple denotes EDU based rates



Attachment 11

PT. LOMA
PERMIT
RENEWAL
UPDATE

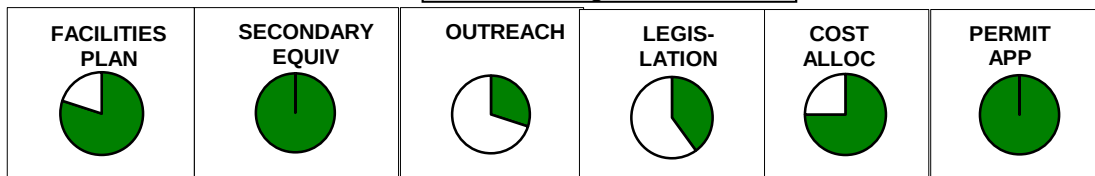
Point Loma Permit/Potable Reuse KEY MILESTONE DATES



09/14/2016

DATE	TASK	FOLLOW UP ACTION/STATUS
2014	Begin outreach to regulators, legislators, key stakeholders and public	San Diego signed contract with Katz Assoc. 5/14
01/23/2014	San Diego meet with JPA on cost allocation. 1) Agree on methodology 2) Insert construction costs from facilities plan	San Diego to look at comparing PR facilities construction through secondary to secondary at Point Loma.
February	First draft of legislative language	Draft prepared
03/05/2014	San Diego (Ann, Brent, Bob, Allan) meet with EPA staff	Pure Water program was well received by EPA
10/08/2014	City of San Diego Environmental Committee	Consideration of Pt Loma Permit
10/16/2014	Metro Commission - VOTE on Supporting Permit	
11/18/2014	City of San Diego City Council Meeting	Consideration of Pt Loma Permit and Side Agreement. Passed 9-0
2015		
January	Submit NPDES Permit to the Environmental Protection Agency	Submitted! Regional Board expected to act on permit 9/16 or 11/16
	Prepare proposed language for admin fix to Clean Water Act	
	Be ready to provide lang for legislative fix to Clean Water Act	
05/20/2015	Present Phase 1 of cost allocation to Metro TAC	
06/04/2015	Metro JPA Strategic Planning Meeting at Pt Loma	
07/01/2015	Water Reliability Coalition Potable Reuse Media Training	
09/15/2015	City of San Diego City Council Request to set Prop 218 Public Hearing for water rate increase	218 Notice for water rates approved to be mailed out
09/17/2015	Letter received from EPA endorsing Pt Loma modified permit	
11/17/2015	City of San Diego Public Hearing for water rate increases	Water rate increases approved
2016		
09/21/2016	Pure Water Program EIR to Metro TAC	
09/21/2016	Pure Water Program Update to Metro TAC	
10/06/2016	Pure Water Program EIR to JPA	
10/06/2016	Pure Water Program Update to JPA	
10/19/2016	Pure Water Cost Allocation to Metro TAC	
11/08/2016	Election day	
2017		
	Political strategy for OPRA II approval in DC	
01/05/2017	Pure Water Cost Allocation to JPA	
05/17/2017	FY19-FY23 Sewer rates to Metro TAC	
	Begin drafting updated wastewater disposal agreement	

Milestone Progress Dashboard



Amount of pie filled = % complete
 Green = on schedule
 Yellow = behind schedule
 Red = late