



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

AGENDA

**Thursday, May 5, 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. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR AND SPECIAL MEETINGS OF April 7, 2016 (**Attachment**)
- X 5. **PRESENTATION** – 1998 REGIONAL WASTEWATER DISPOSAL AGREEMENT (Paula de Sousa Mills/Tom Zeleny) (**Attachment to follow**)
- X 6. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE METRO WASTEWATER JPA TREASURER'S REPORT, NINE MONTHS ENDING MARCH 31, 2016 (Karen Jassoy) (**Attachment**)
- X 7. METRO TAC UPDATE/REPORT (**Attachment**) (Greg Humora)
- X 8. POINT LOMA PERMIT RENEWAL UPDATE (**Attachment**) (Greg Humora)
9. IROC UPDATE (Vice Chair Jones)

May 5, 2016

Metro Commission/Metro
Wastewater JPA Regular
Meeting Agenda

10. FINANCE COMMITTEE (John Mullin)
11. REPORT OF GENERAL COUNSEL (Paula de Sousa Mills)
12. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING June 2, 2016
13. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS
14. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA

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

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

Metro JPA 2016 Meeting Schedule

January 7, 2016	February 4, 2016	March 3, 2016
April 7, 2016	May 5, 2016	June 2, 2016
July 7, 2016	August 4, 2016	September 1, 2016
October 6, 2016	November 3, 2016	December 1, 2016

AGENDA ITEM 4

Regular and Special Meeting
Minutes of April 7, 2016



Regular Meeting of the Metro Commission and Metro Wastewater JPA

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

**April 7, 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	X	
City of Del Mar	Sherryl Parks	X	
City of El Cajon	Tony Ambrose	X	Dennis Davies
City of Imperial Beach	Brian Patrick Bilbray	X	
City of La Mesa	Bill Baber		
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		Daniel Brogadir
Otay Water District	Jose Lopez	X	Mark Robak
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; Karyn Keese of Keze Group; Roberto Yano – City of Chula Vista; Ed Walton – City of Coronado; Dennis Davies – City of El Cajon; Bob Kennedy of Otay Water District; Al Law, Augie Scalzetti and Doug Wilson of Padre Dam MWD; Mike Obermiller – City of Poway; Halla Razak, John Helminski, Amy Dorman, - City of San Diego Public Utilities; Tom Zeleny – Chief Deputy City Attorney - City of San Diego

2. PLEDGE OF ALLEGIANCE TO THE FLAG

Al Lau of Padre Dam Municipal Water District led the pledge.

3. PUBLIC COMMENT

None.

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

ACTION: Upon motion by Vice Chair Jones, seconded by Commissioner Sandke, the minutes were approved by unanimous vote.

5. PRESENTATION: METRO SHYSTEM FACILITY CONSTRUCTION HISTORY AS REQUIRED BY THE POINT LOMA WASTEWATER TREATMENT PLABNT MODIFIED NPDES PERMIT

Alan Langworthy provided a verbal and Power Point presentation on the evolution of the Metro System including why and how it was created.

6. ACTION: CONSIDERATION AND POSSIBLE ACTION TO RECOMMEND APPROVAL OF AS-NEEDED APPRAISAL, ACQUISITION AND RELOCATION ASSISTANCE SERVICES AGREEMENT BETWEEN THE CITY OF SAN DIEGO AND CLARK LAND RESOURCES, INC.

Amy Dorman, Public Utilities Pure Water Program, provided a brief verbal overview of the staff report. This agreement is for a 5 year term with a not to exceed amount of \$3M.

ACTION: Upon motion by Commissioner Mullin, seconded by Commissioner Bilbray, the item was approved by unanimous vote.

7. METROTAC UPDATE/REPORT

MetroTAC Chairman Humora stated that in addition to the item just heard, TAC has been working with San Diego staff on the first presentation which the Commission had now heard. They are working on the second for the next meeting which will build on Alan's presentation starting with Mid-1990 and the Regional Disposal Agreement which was signed in 1998. They will have Paula present and perhaps have Tom assist as necessary and define what the agreement was and negotiations for that agreement. They will also be provided with an education on the Muni facilities vs. Metro facilities which ties into the optimized distribution system which has both and we deal with annually as to what is what, water and wastewater. San Diego has one specific person who works with Karyn to make sure things are properly accounted for. The third presentation will be on rates, cost sharing, expenses and the actual dollars and cents of the system.

8. POINT LOMA PERMIT RENEWAL UPDATE

Mr. Humora stated that the Permit is in and the only update is that we are still awaiting EPA and State review which will hopefully occur early this fall.

9. IROC UPDATE

Metro JPA IROC Representative Jones stated that he had attended two meetings. The first was an Outreach Committee meeting where the topic was branding, outreach, and website and work plan creation. The following Monday, he attended the full IROC meeting where staff spoke regarding the bonding manipulation which resulted in \$98M in payments saved. They noted the Pure Water Pipeline contract is out for design bid this month and the PA's will be sharing some of those costs. There was a presentation on "I Am San Diego" which is an enterprise asset management program (computerized) which centralizes their asset management. The costs will be shared with their different departments based on assessed values; he heard the share would be about 70% between water and wastewater. The split was not discussed, but we will be sharing in part of the costs. He requested San Diego present to the Commission as the cost will be \$40M over 3 years. There was also a report on the value of water and their committee reviewed, revised and updated their work plan for the next year.

10. FINANCE COMMITTEE

Finance Committee Chair Mullin stated they had not met and therefore had no report. However, they are embarking on finance season so their will be a meeting on May 25th. Coming up on the agenda will be the JPA budget season and hopefully the 2013 and 2014 Audit and Karyn is hoping to be underway with the 2015 Audit.

11. REPORT OF GENERAL COUNSEL

Assistant General Counsel Martin reported that they had previously reported on HR 3353, a Federal Clean Water Act Reform Bill. It is still sitting in sub-committee and they anticipate it not moving until later in the year.

12. REVIEW/UPDATE 2016 METRO COMM/JAP/TAC MASTER LIST

Secretary Peoples requested she be provided with cell phone numbers if possible. Chair Peoples requested any updates be provided to Miss Peoples.

13. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING OF May 5, 2016.

Chair Peasley requested if anyone had anything they present it to the Secretary for inclusion in the next MetroTAC meeting agenda and presentation to the JPA.

14. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

Chair Peasley noted that there was a short Special meeting following this meeting and requested everyone stay put.

15. ADJOURNMENT

At 12:45 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**

**April 7, 2016
DRAFT Minutes**

Chairman Peasley called the meeting to order at 12:47 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	X	
City of Del Mar	Sherryl Parks	X	
City of El Cajon	Tony Ambrose	X	Dennis Davies
City of Imperial Beach	Brian Patrick Bilbray	X	
City of La Mesa	Bill Baber		
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		Daniel Brogadir
Otay Water District	Jose Lopez	X	Mark Robak
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; Karyn Keese of Keze Group; Roberto Yano – City of Chula Vista; Ed Walton – City of Coronado; Dennis Davies – City of El Cajon; Bob Kennedy of Otay Water District; Al Law, Augie Scalzetti and Doug Wilson of Padre Dam MWD; Mike Obermiller – City of Poway; Halla Razak, John Helminski, Amy Dorman, – City of San Diego Public Utilities; Tom Zeleny – Chief Deputy City Attorney - City of San Diego

2. PUBLIC COMMENT

Otay Water District Alternate Representative Robak stated he had brought up the need for a better public profile for the organization last November and although the redesigned website looked pretty good he had recommended an ad-hoc committee be established to create and be involved in more social media to raise the Commissions awareness. Since then he took it upon himself to start a Metro JPA page on Twitter and has been posting (10) since November. He follows the agencies and requested the link be posted on the Metro JPA website and requested regular posts be made regarding meeting times etc.

Mr. Robak then spoke regarding the Pure Water Program and stated he felt strongly regarding direct potable reuse including not building an unnecessary pipeline, in his opinion to San Vicente Reservoir, and recommended that the Commission support the Pure Water Program in absence of the pipeline to San Vicente Reservoir.

3. ACTION: CONSIDERATION AND POSSIBLE ACTION REGARDING JPA/PARTICIPATING AGENCY/METRO COMMISSION COMMENTS ON PURE WATER PROGRAM EIR

MetroTAC Chair Humora stated that the Pure Water Program had released a Draft EIR was released in February. It is a programmatic EIR not a project based EIR, so it is very general in

nature. It is still thick of course, but it is to satisfy the California Environmental Quality Act requirements. It is in comment period right now and comments are due next week. There were some opinions voiced that perhaps the JPA might want to submit comments on this. We want to make sure that any facilities that the JPA builds are potentially considered in the mix for assisting with Point Loma offloading. We have discussed this for a long time and San Diego has been on board with this. We want to make sure we get credit for this and it counts so it needs to be addressed and brought to the EIR's attention.

Chair Peasley stated that the City of San Diego has provided us the opportunity to comment in this process and will come back to the group financially. He then read portions of the DRAFT Comment letter addressed to Myra Herrmann, Environmental Planner into the record.

ACTION: Upon motion by Commissioner Mullin, seconded by Commissioner Sandke, Chair Peasley to sign and send the letter on behalf of the Metro Commission/Participating Agencies/Metro JPA as a group to the City of San Diego, approved by unanimous vote.

4. ADJOURNMENT

At 12:58 p.m., there being no further business, Commissioner Peasley declared the meeting adjourned.

Recording Secretary

AGENDA ITEM 5

Presentation

1998 Regional Wastewater Agrmt •

AGENDA ITEM 6

**Metro Wastewater JPA Treasurer's
Report for 9 Months Ending
March 31, 2016**

Metro Wastewater JPA
Treasurer's Report
Nine months ending March 31, 2016

Metro Wastewater JPA
Treasurer's Report
Nine months ending March 31, 2016
Unaudited

Beginning Cash Balance at July 1, 2015	\$ 163,657
Operating Results	
Membership dues & interest income	192,500
Expenses	<u>(72,046)</u>
Net Income	120,454
Net change in receivables & payables (see Cash Flow)	<u>(1,379)</u>
Cash used in Operations	<u>119,075</u>
Ending Cash Balance at March 31, 2016	<u><u>\$ 282,732</u></u>

Submitted by:

Karen Jasson, Treasurer, 4/5/16

Metro Wastewater JPA
Balance Sheet
As of March 31, 2016 and June 30, 2015
Unaudited

	<u>Mar 31, 2016</u>	<u>Jun 30, 2015</u>	<u>\$ Change</u>
ASSETS			
Checking/Savings			
California Bank & Trust - Savings	\$ 276,985	\$ 155,216	\$ 121,769
California Bank & Trust - Checking	<u>5,747</u>	<u>8,441</u>	<u>(2,694)</u>
Total Checking/Savings	282,732	163,657	119,075
Accounts Receivable	<u>28,350</u>	<u>33,443</u>	<u>(5,093)</u>
TOTAL ASSETS	<u><u>\$ 311,082</u></u>	<u><u>\$ 197,100</u></u>	<u><u>\$ 113,982</u></u>
 LIABILITIES & EQUITY			
Liabilities			
Accounts Payable	\$ -	\$ 70,625	\$ (70,625)
Unearned Membership Billings	\$ 64,153	\$ -	\$ 64,153
Accrued Expenses	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Total Liabilities	64,153	70,625	(6,472)
Fund Balance			
At Beginning of Period	126,475	117,010	9,465
Net Income (loss)	<u>120,454</u>	<u>9,465</u>	<u>110,989</u>
At End of Period	246,929	126,475	120,454
TOTAL LIABILITIES & EQUITY	<u><u>\$ 311,082</u></u>	<u><u>\$ 197,100</u></u>	<u><u>\$ 113,982</u></u>

<i>Fund balance at 3/31/16</i>	<i>\$ 246,929</i>
<i>FY '16 JPA Required Operating Reserve</i>	
<i>based on 4 months of Operating Expenses</i>	<u><i>85,543</i></u>
<i>Over required reserve</i>	<i>\$ 161,386</i>

Metro Wastewater JPA
Profit & Loss Budget vs. Actual
 Nine months ending March 31, 2016
 Unaudited

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>Over (Under) Budget</u>	<u>% of Budget</u>
Income				
Membership Dues	\$ 192,457	\$ 256,610	\$ (64,153)	75%
Interest Income	43	20	23	216%
Total Income	<u>\$ 192,500</u>	<u>\$ 256,630</u>	<u>\$ (64,130)</u>	<u>75%</u>
Expense				
Administrative Assistant-LP	\$ 1,208	\$ 4,000	\$ (2,793)	30%
Bank Charges	-	200	(200)	0%
Dues & Subscriptions	538	600	(62)	90%
Financial Services				
Audit Fees	-	12,000	(12,000)	0%
Treasury Services-Padre	8,353	19,000	(10,648)	44%
JPA/TAC meeting expenses	3,391	5,000	(1,609)	68%
Mileage Reimbursement		500	(500)	0%
Miscellaneous		250	(250)	0%
Per Diem - Agency	7,350	18,000	(10,650)	41%
Postage	115	400	(285)	29%
Printing	22		22	
Professional Services				
BB&K (Legal)	12,612	35,000	(22,389)	36%
Atkins (Engineering)	3,556	59,580	(56,024)	6%
Kese Group (Eng/Fin)	32,880	98,300	(65,420)	33%
Telephone	323	1,400	(1,077)	23%
Website Maintenance & Hosting	1,700	2,400	(700)	71%
Total Expense	<u>\$ 72,046</u>	<u>\$ 256,630</u>	<u>\$ (184,584)</u>	<u>28%</u>
Net Income	<u><u>\$ 120,454</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 120,454</u></u>	

Metro Wastewater JPA
Statement of Cash Flows
Nine months ending March 31, 2016
Unaudited

OPERATING ACTIVITIES

Net Income	\$ 120,454
Adjustments to reconcile Net Income to net cash provided by operations:	
Accounts Receivable	5,093
Accounts Payable	(70,625)
Unearned Income	<u>64,153</u>
Net cash provided by Operations	<u>119,075</u>
Net cash increase for period	119,075
Cash at beginning of period	<u>163,657</u>
Cash at end of period	<u><u>\$ 282,732</u></u>

AGENDA ITEM 7

MetroTAC Work Plan / Update

Metro TAC Work Plan
Active & Pending Items
2016

Active Items	Description	Member(s)
Board Members Orientation	Point Loma Permit Facility Negotiation History, This is the first part of a three part series. This item is to help Board Members understand the History and the issues surrounding the Pt. Loma waiver process and the waiver from Secondary Treatment under which PT. Loma currently operates. It is scheduled to be presented in April 2016. 4/16: Alan Langworthy and Tom Zeleny gave the attached presentation at the Metro Com/JPA meeting of April 7, 2016.	Greg Humora Paula de Sousa Mills
Board Members Orientation	1998 Regional Wastewater Disposal Agreement History. 4/16: This presentation will be given at the May 2016 Metro Com/JPA Meeting.	Greg Humora Paula de Sousa Mills
Board Members Orientation	Metro Revenues, Metro Rates, Exhibit E Audit	Greg Humora Paula de Sousa Mills Karyn Keese
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
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	Greg Humora Scott Tulloch
Pure Water Program Cost Allocation Ad Hoc Work Group	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers. The goal is to have numbers in December 2015.	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	10/15: FY13 and FY14 expected to be complete by end of 2015.	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. The goal is to begin this effort in December 2015.	Greg Humora Roberto Yano Dan Brogadir Paula de Sousa Mills Karyn Keese

Metro TAC Work Plan
Active & Pending Items
2016

Active Items	Description	Member(s)
SDG&E Rate Plan	SDG&E has submitted a Rate Plan that would not only change some rate structures but will also shorten the off peak hours for users such as utilities. BBK will continue to monitor and update Metro TAC and Commission/JPA members on protest measures.	Paula de Sousa Mills
Industrial Waste Program Update	9/13: A performance audit was performed on the PUD's IWCP. The audit produced two findings and made 8 recommendations. PUD has hired Brown & Caldwell to perform a fee study and assist implementation of an updated program. A subcommittee of the Metro TAC was formed to work with PUD staff and the consultant.	Roberto Yano Ed Walton
Management of Non-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.	Bob Kennedy Steve Beppler Greg Humora
Recycled Water Revenue	The Regional Wastewater Disposal Agreement states that revenues from South Bay are to be sewer revenues and proportionally shared with PA's. North City has similar requirements however the debt from the optimized system must first be repaid. 7/15: Recycled revenues from South Bay dispersed to PAs in June 2015. Karyn Keese will work with City staff to determine the remaining balance on the optimized system debt. 10/15: Reconciliation will be part of the FYE Exhibit E audit process.	Karyn Keese
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of 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
Padre Dam Mass Balance Correction	8/15: Final reconciliation was approved and checks/bills were sent in June 2015. 10/15: Administrative protocol is being crafted by PAs attorney's group to establish 4 year from the date of discovery as the statute of limitations for billing errors.	Greg Humora Karyn Keese Rita Bell
Point Loma Modified NPDES Permit	1/15: Permit was submitted. EPA has commented that they do not expect to review until 2016 and expect to issue permit in August 2016.	Greg Humora Scott Tulloch Karyn Keese
City of San Diego Recycled Water Pricing	8/15: PUD staff presented recycled water rate study to SD Environmental Committee, IROC, and Metro TAC with two options: a unitary rate and a zone rate. Metro TAC approved the unitary rate and requested SD open negotiations with their wholesale customers on a wholesale rate. 9/15: Metro Commission recommended zone rate. 11/17/15: San Diego Council approved unitary rate.	Karyn Keese Rita Bell

Metro TAC Work Plan
Active & Pending Items
2016

Active Items	Description	Member(s)
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
City of San Diego Revised Procurement Process	8/12: San Diego City Engineer James Nagelvoort reported on recent changes to San Diego's procurement process to move projects through more quickly. San Diego no longer needs Council approval to award CIP projects under \$30 million and professional services contracts under \$1 million. TAC and the JPA still requested to review any contract awards. San Diego to prepare an approval threshold spreadsheet for Metro consideration.	Metro TAC
JPA 2017 Budget	<i>The FYE 2017 Metro Com/JPA budget will be presented to the Metro TAC and Finance Committee in May 2016 at their regular meetings and to the Metro Com/JPA at their regular June 2017 meeting.</i>	Greg Humora Paula de Sousa Mills Karyn Keese

Public Utilities

The Metro System An Historical Perspective

A presentation for the Metro Commission/JPA



Public Utilities

Introduction

The Metro System An Historical Perspective

A Presentation for the Metro Commission/JPA

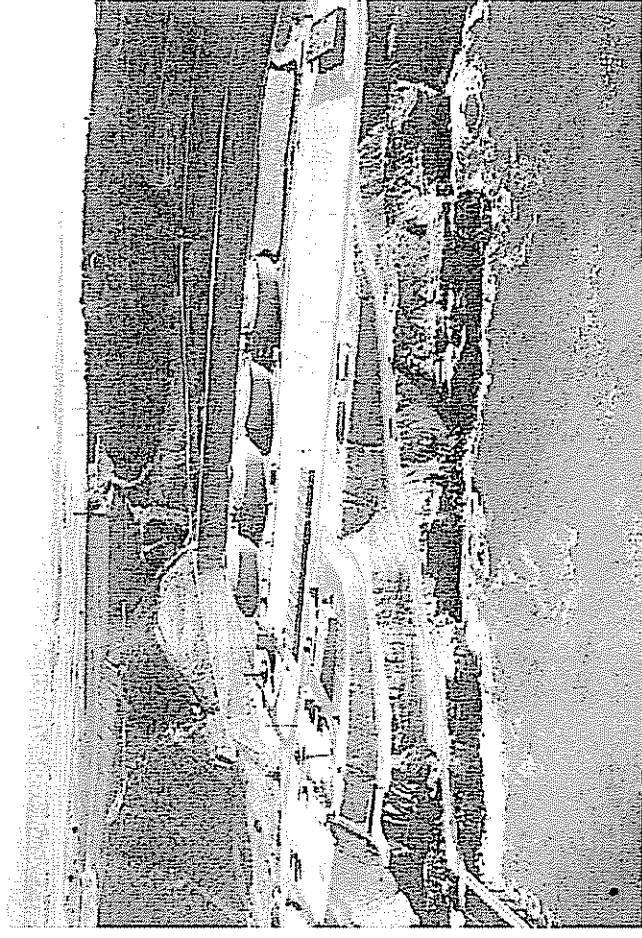
Action:

Information only

The Early Years: the first Metro Facilities

- Pt. Loma Treatment Plant & Ocean Outfall
- Two Major Pump Stations and Force Mains
- Sludge Drying Beds in the Mission Bay area.

- Became operational in 1963.
- A regional sewerage system.
- Cities and Districts joined by entering into contracts with San Diego.
- No water reclamation component.
- Complied with standards of the time:
Primary treatment.
- Initial discharge to the ocean 2.5 miles offshore, and 200 feet deep.
- Planned to accommodate expansion up to 240 MGD.



Pt. Loma 1963



Standards for Ocean Discharge

Drive changes in Metro Facilities

Federal Standards

The Clean Water Act (CWA)

- In 1972 the CWA required secondary treatment for all discharges.
- In 1977 Congress added section 301(h) to the CWA allowing EPA to grant variances from secondary.
- These variances became commonly known as “waivers.”
- Waivers are in full compliance with the CWA.
- Deadline to be at secondary or have a waiver was 7-1-88.

California Standards

The State Ocean Plan (SOP)

- California does not require secondary treatment.
- In the 1980s CA changed its standards to require higher removal of suspended solids and recreational water quality in offshore kelp beds.
- To qualify for a waiver all State Standards must be met.
- Pt. Loma, as originally designed, did not comply with these new standards.



San Diego's Response to Regulatory Changes

- San Diego submitted a waiver application in 1979.
- Planning began to comply with new State Standards.
- In 1986 the EPA tentatively denied the waiver.
 - Questioned ability to meet the new State standards.
 - Concerned that discharge disturbed benthic biota.
- EPA gave San Diego the opportunity to modify the application to demonstrate how the standards would be met.
- In 1987 San Diego decided to no longer pursue a waiver.
- Giving up the waiver at that time meant that San Diego could not apply again in the future.
- Community support existed for water reclamation as part of the upgrade.
- San Diego immediately began planning for secondary and some water reclamation.

Lawsuit and Future Facilities Planning

- When the 7-1-88 date passed the federal government sued for non-compliance with the CWA.
- Negotiations with the federal government resulted in a potential settlement or “Consent Decree” that included upgrading to secondary, water reclamation plants and solids processing.
- The Consent Decree had to go before a federal court to determine if it was in the best interest of the public.
- The court ruled:
 - Secondary was unnecessary over treatment.
 - A scaled down list of improvements was mandated.
 - The court’s stipulated order became known as the “Consumers Alternative” because it protected the environment and provided water reclamation at a reasonable cost.
- The judge also urged San Diego to find a way back into the waiver process.



Legislative Action and a Path Forward

- San Diego began the upgrades mandated in the court order and to insure compliance with the State Standards.
- San Diego worked with the Sierra Club and the Local Delegation to amend the CWA to allow for future waiver applications.
- In 1994 President Clinton signed the Ocean Pollution Reduction Act (OPRA) allowing San Diego back into the waiver process.
- OPRA contained specific conditions to qualify for a waiver:
 - Construct 45 MGD of water reclamation by 2010.
 - Remove 58% of BOD and 80% of TSS before discharge at Pt Loma.
 - Reduce TSS to the ocean during the period of the waiver.
- San Diego applied for a waiver in 1995 and it was approved in 1996.



A Period of Change for the Metro System

From 1986 to 2002 the Metro System Experienced Unprecedented Change

- To comply with the Federal Court Order, the Ocean Pollution Reduction Act and the new State Standards significant changes were required to the

Metro System:

- Pt Loma converted to Chemically Enhanced Primary Treatment (CEPT). (Additional sedimentation basins and digesters added as well).
- Achieves the higher level of removal required by the SOP.
- Reduces mass emissions to the ocean as required by OPRA
- Addresses past waiver issues with benthic biota.
- Plant Capacity now permitted for 240 MGD.
- Ocean Outfall extended to 4.5 miles long and 310 feet deep.
- To comply with new SOP standards for water quality in kelp beds
- Addresses previous waiver issues with benthic biota.



A Period of Change for the Metro System

New Facilities required to comply with Regulatory changes and Court Order

- Metro Biosolids center (MBC) constructed.
 - To handle the increased volume of biosolids resulting from the higher level of treatment at Pt Loma and Water Reclamation.
 - Addressed Coastal Commission concerns about sludge processing in Mission Bay.
 - To Comply with Court Order (Consumers Alternative).
- A 30 MGD North City Water Reclamation Plant (NCWRP).
 - To comply with OPRA requirement of 45 MGD of water reclamation by 2010.
 - Off-load Pt. Loma for better ocean discharge and compliance with OPRA.
 - To comply with Court Order (Consumers Alternative).



A Period of Change for the Metro System

New Facilities required to comply with Regulatory changes and Court Order

- An optimized water reclamation pipeline system for the NCWRP service area.
- To Comply with Court Order (Consumers Alternative).
- Backbone distribution for reclaimed water to Northern areas.
- 15 MGD South Bay Water Reclamation Plant (SBWRP) and ocean outfall.
- To comply with the OPRA requirement of 45 MGD of water Reclamation by 2010.
- To give relief from increasing wastewater flows from the south and provide reclaimed water to the South Bay area.

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A Period of Change

Management of the system was enhanced by:

- The negotiation of an updated “Regional Wastewater Disposal Agreement” in 1998 to reflect the cost sharing and other issues generated by the new facilities.
- Creation of an advisory body the “Metro Commission” where the participating Agencies have a venue to provide input into decisions that effect the system.
- Creation of the “Independent Rates Oversight Committee” by San Diego in 2007 (IROC).

Metro TAC Participating Agencies Selection Panel Rotation

Agency	Representative	Selection Panel	Date Assigned
Padre Dam	Neal Brown	IRWMP – Props 50 & 84 Funds	2006
El Cajon	Dennis Davies	Old Rose Canyon Trunk Sewer Relocation	9/12/2007
La Mesa	Greg Humora	As-Needed Piping and Mechanical	11/2007
National City	Joe Smith	MBC Additional Storage Silos	02/2008
Otay Water District	Rod Posada	As-Needed Biological Services 2009-2011	02/2008
Poway	Tom Howard	Feasibility Study for Bond Offerings	02/2008
County of San Diego	Dan Brogadir	Strategic Business Plan Updates	02/2008
Coronado	Scott Huth	Strategic Business Plan Updates	09/2008
Coronado	Scott Huth	As-needed Financial, HR, Training	09/2008
PBS&J	Karyn Keese	As-needed Financial, Alternate HR, Training	09/2008
Otay Water District	Rod Posada	Interviews for Bulkhead Project at the PLWTP	01/2009
Del Mar	David Scherer	Biosolids Project	2009
Padre Dam	Neal Brown	Regional Advisory Committee	09/2009
County of San Diego	Dan Brogadir	Large Dia. Pipeline Inspection/Assessment	10/2009
Chula Vista	Roberto Yano	Sewer Flow Monitoring Renewal Contract	12/2009
La Mesa	Greg Humora	Sewer Flow Monitoring Renewal Contract	12/2009
Poway	Tom Howard	Fire Alarm Panels Contract	12/2009
El Cajon	Dennis Davies	MBC Water System Improvements D/B	01/2010
Lemon Grove	Patrick Lund	RFP for Inventory Training	07/2010
National City	Joe Smith	Design/Build water replacement project	11/2010
Coronado	Scott Huth	Wastewater Plan update	01/2010
Otay Water District	Bob Kennedy	RFP Design of MBC Odor Control Upgrade/Wastewater Plan Update	02/2011
Del Mar	Eric Minicilli	Declined PS 2 Project	05/2011
Padre Dam	Al Lau	PS 2 Project	05/2011
County of San Diego	Dan Brogadir	RFP for As-Needed Biological Services Co.	05/2011
Chula Vista	Roberto Yano	North City Cogeneration Facility Expansion	07/2011
La Mesa	Greg Humora	confined space RFP selection panel	10/2011
Poway	Tom Howard	COSS's for both Water and WW	10/2011
El Cajon	Dennis Davies	Independent Accountant Financial Review & Analysis – All Funds	01/2012

Updated 3/29/2016

EXP

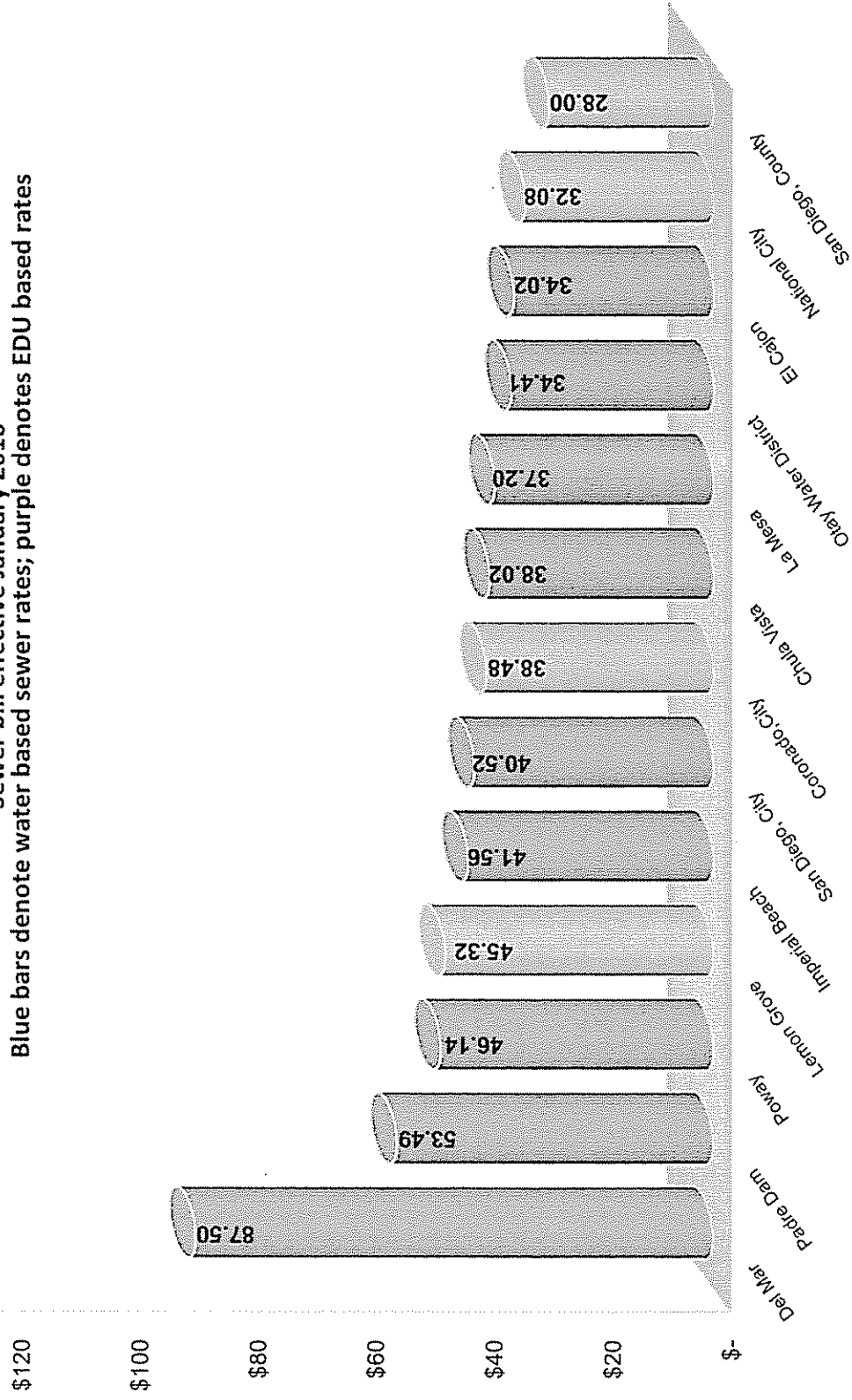
Lemon Grove	Mike James	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
National City	Joe Smith	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Coronado	Godby, Kim	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Otay Water District	Bob Kennedy	MBC Dewatering Centrifuges Replacement (Accepted)/Strategic Planning Rep	01/2012
Del Mar	Eric Minicilli	New As Need Engineering Contract	02/2012
Padre Dam	Al Lau	PA Rep. for RFQ for As Needed Design Build Services (Passed)	05/2012
County of San Diego	Dan Brogadir	PA Rep. for RFQ for As Needed Design Build Services (Cancelled project)	05/2012
Chula Vista	Roberto Yano	As-Needed Condition Assessment Contract (Accepted)	06/2012
La Mesa	Greg Humora	New programmatic wastewater facilities condition (Awaiting Response)	11/2012
Poway	Tom Howard	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		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		

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



AGENDA ITEM 8

Pt. Loma Permit Renewal Update

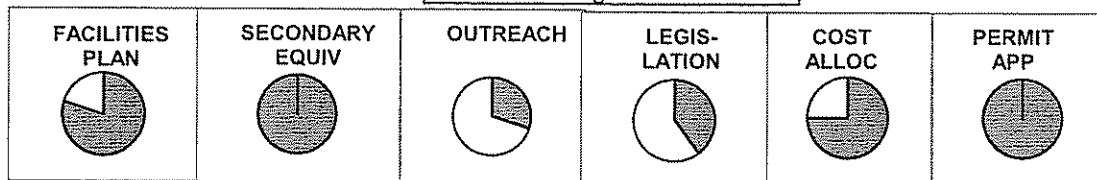
Point Loma Permit/Potable Reuse KEY MILESTONE DATES



04/28/2016

DATE	TASK	FOLLOW UP ACTION/STATUS
January	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 lang for administrative 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	
07/15/2015	Cost allocation meeting	
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	
10/20/2015	Stakeholders meeting	
11/17/2015	City of San Diego Public Hearing for water rate increases	Water rate increases approved
11/23/2015	Cost allocation meeting	
2016		
04/19/2016	Stakeholders meeting	
06/21/2016	Stakeholders meeting	
	Finalize Phase 2 of cost allocation	
	Begin drafting updated wastewater disposal agreement	

Milestone Progress Dashboard



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