



**METRO TAC AGENDA**  
**(Technical Advisory Committee to Metro JPA)**

**TO:** Metro TAC Representatives and Metro Commissioners

**DATE:** Wednesday, September 21, 2016

**TIME:** 11:00 a.m. to 1:30 p.m.

**LOCATION:** MWWD, 9192 Topaz Way, (MOC II Auditorium) – Lunch will be provided

***\*PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES\****

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1. Review and Approve MetroTAC Action Minutes for the Meeting of [August 17, 2016](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **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 (Greg Humora) (**Attachment**)
4. **PRESENTATION - ACTION:** Presentation on AB 1826 and Consideration and Possible Action to Send a Letter Supporting Restricting Food Liquefiers. (Ann Carvalho) (**Attachment**)
5. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Yazmin Arellanos)
6. **REPORT:** Update from Social Media Working Group (Mike Obermiller)
7. Metro Wastewater Update (Standing Item)
8. Pure Water Program Update (Standing Item)
  - A. Pure Water Program (John Helminski/Brent Eidson) (**Attachment**)
    - i) Potable Reuse Regulatory Framework
    - ii) Project Delivery, Schedule & Miramar Decision
    - iii) Ongoing Research and Testing
    - iv) Co-Generation/Bio Solids
    - v) Operator Readiness
    - vi) Point Loma Permit
    - vii) Public Outreach
  - B. Schedule of Pure Water Updates (Lee Ann Jones-Santos) (**Attachment**)
  - C. Annual Planning Estimates and Pure Water Phase I Cost Allocation (Lee Ann Jones-Santos) (**Attachment**)
  - D. Program EIR Update (Keli Balo) (**Attachment**)
  - E. Amendment to Sole Source Agreement for Special Council for Hawkins Delafield and Wood (HDW) for Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project (Lubna Arikat/John Helminski) (**Attachment**)

9. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
10. Financial Update (Standing Item) (Karyn Keese)
11. IRWMP Update (Standing Item) (Bob Kennedy)
12. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
13. Point Loma Permit Renewal (Standing Item) (Greg Humora) (**Attachment**)
14. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**October 6, 2016**)
15. Other Business of Metro TAC
16. Adjournment ([To the next Regular Meeting October 19, 2016](#))

**Metro TAC 2016 Meeting Schedule**

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

Item 1

Action Minutes for  
August 17, 2016  
Meeting

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

**ACTION MINUTES**

**DATE OF MEETING:** August 17, 2016

**TIME:** 11:00 AM

**LOCATION:** MOC Conference Room 2E

**MEETING ATTENDANCE:**

Greg Humora, La Mesa  
Roberto Yano, Chula Vista  
Ed Walton, Coronado  
Eric Minicilli, Del Mar  
Yazmin Arellano, El Cajon  
Dennis Davies, El Cajon  
Chris Helmer, Imperial Beach  
Mike James, Lemon Grove  
Dexter Wilson, Lemon Grove  
Kuna Muthusamy, National City  
Bob Kennedy, Otay MWD  
Kevin Koepper, Otay MWD  
Allen Carlisle, Padre Dam  
Al Lau, Padre Dam  
Mark Niemiec, Padre Dam  
Alexander Heide, Poway  
Dan Brogadir, County of San Diego  
Collins Solomon, County of San Diego

Amy Dorman, City of San Diego  
Wendy Gamboa, City of San Diego  
Seth Gates, City of San Diego  
Hanna Hanigan, City of San Diego  
Lee Ann Jones-Santos, City of SD  
Susan LaNier, City of San Diego  
Peggy Merino, City of San Diego  
Laila Nasrawi, City of San Diego  
Edgar Patino, City of San Diego  
Tung Phung, City of San Diego  
Surraya Rashid, City of San Diego  
James Strayer, (Black & Veatch)

Jerry Jones, City of Lemon Grove  
James Peasley, Padre Dam  
Ken Weinberg, Consultant to Padre Dam

Scott Tulloch, Atkins  
Lori Anne Peoples, Metro Comm/Metro JPA/MetroTAC

**1. Review and Approve MetroTAC Action Minutes for the Meeting of July 20, 2016**

Roberto Yano moved approval of the July 20, 2016 minutes. The motion was seconded by Ed Walton and the minutes were approved unanimously.

**2. Metro Commission/JPA Board Meeting Recap (Standing Item)**

Since there was no meeting, there was no recap.

**3. ACTION: Consideration and Possible Action to Recommend Approval of Morena Pump Station and Conveyance System**

Wendy Gamboa, City of San Diego Sr. Engineer with Public Works, provided a brief overview of the project via a Power Point Presentation (See Attachment A to these minutes). The proposed agreement is for 5 years with a total contract amount of \$15,875,255. It is estimated that the funding will be allocated with 43% being Water (approximately \$6.8 million), 57% Wastewater (approximately \$9.1 million) and 100% Metro. The approximate fiscal impact to the Metro JPA is 33.5% (approximately \$3 million). Pure Water San Diego is the City of San Diego's (City) 20 year program to provide a safe, secure and sustainable local drinking water supply for San Diego. Recycled water will be turned into drinkable water through the use of water purification technology. Furthermore, Pure Water's system-wide reuse will significantly reduce flows to the Point Loma Wastewater Treatment Plant (PLWTP) and will make San Diego more water independent. On April 29, 2014, San Diego City Council adopted a resolution supporting the Pure Water Program.

One of the facilities proposed under the Pure Water Program is the Morena Pump Station and Conveyance System (MPS). This system will take wastewater from Morena Blvd. near Friars Road and pump it approximately 11 miles north, to the North City Water Reclamation Plant (NCWRP) via a new 48-inch sewer force main. The additional wastewater is needed by the NCWRP to support both recycled water customer demands, and to provide tertiary-treated water to the future North City Advanced Water Purification Facility (NCAWPF). Brine, a byproduct of the purification process, will then be conveyed approximately 11 miles back to the North Mission Valley Interceptor Sewer on Friars Road, via a 24-inch pipeline.

The MPS project also includes approximately 3.5 miles of new 36-inch transmission water mains to create system redundancy, and replacement of approximately 3.7 miles of existing 16-inch cast iron and asbestos cement distribution water mains. These water main replacements are part of the Water CIP – for consideration purposes and minimizing community disruptions along Morena Blvd., their design and construction are being bundled with the design and construction of Pure Water Facilities.

In April 2016, the City of San Diego advertised for an Engineering and Technical Services Consultant to perform design engineering services for the MPS. Five proposals were received and a selection committee formed in compliance with City policy. All five proposers were interviewed and AECOM was selected as the most qualified firm. The proposed contract is for five years and will cover engineering design services and support during the bidding and construction of the project.

It was noted that the pump station was being designed with the accelerated program of a 30 mgd project. Seth Gates of City of San Diego stated that all projects come before the MetroTAC. Scott Tulloch stated that the original 15 mgd had been moved

up to 30 mgd, a change in the overall concept program. Lee Ann Jones-Santos noted that the annual CIP budget approved the financials to take the concept forward. Dexter Wilson stated that this action was basically approving an increase to rate payers without the member PA's knowing the overall costs. Bob Kennedy stated that information was still needed on which agencies contribute to the flow, what are the impacts to the existing plant of brine content, and expressed opposition to a vote on this prior to receiving additional information. Jim Peasley stated that the plan had been accelerated significantly and requested this item be held until answers to questions were received first. Dexter Wilson stated that the EIR had no information based on the accelerated program and that his City could not support this without receiving much more information especially on the proposed cost sharing split between wastewater and water.

Chairman Humora stated that he was hearing that this item could not be supported as there were too many missing parts, how it would affect the rate payers, cost sharing etc.

Chairman Humora moved to table the item based on the comments received of the MetroTAC members and requested the City of San Diego come back with a detailed schedule and information on the accelerated program. The motion was seconded by Yazmin Arellano and carried unanimously.

**4. REPORT: Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group**

Yazmin Arellano, City of El Cajon, reported that the working group was still working.

**5. REPORT: Update from Social Media Working Group**

Alexander Heide, City of Poway, stated that they had presented and reviewed the DRAFT at the last meeting and asked for additional feedback. They were looking for recommendation to move forward to the JPA. The recommendation to use a contractor to coordinate the content in social media sites was suggested and quotes were received for approximately \$900/month. Although this is a sizable amount it could increase or be scaled down depending on the direction given.

Mike James moved to forward the DRAFT Social Media Policy to the JPA and recommended the Commission decide if they want to contract it out and the budget they would a lot for this. The motion was seconded by Roberto Yano and carried unanimously.

**6. REPORT: Pure Water Financial Update**

Lee Ann Jones-Santos, Assistant Director Finance and IT, City of San Diego provided a handout and Power Point presentation titled Public Utilities Department Pure Water Cost Allocation (Attachment B to these minutes). Her presentation

covered the future relying on addressing the region's pressing water issues (managing costs, continued environmental protection, resource recovery vs. disposal and meeting permit requirements); tackling past, present and future needs (City and Participating Agency cooperative management of the Metropolitan Sewer System, extensive environmental monitoring, regional reuse system investment, key studies including the 2012 Reuse Study, consistent protection of the ocean environment); having the right type of local investments needed for our region (safe, local and reliable solution – Pure Water San Diego, a phased, multi-year program that will provide the region a reliable water supply by implementing potable reuse, thereby significantly reducing our ocean discharges), (a sustainable solution – uses proven technology to clean recycled water to produce safe, high-quality drinking water, reduces ocean discharge flows from the Pt. Loma Wastewater Treatment Plant), (a regional solution – offers a cost-effective investment for San Diego's water and wastewater ratepayers for generations). Ms. Jones-Santos then covered the Goals and Process – a subgroup focused on developing fair and equitable sharing between water and wastewater ratepayers, not only assessing costs, but evaluating ways to communicate this complicated information. The Cost Allocation Process, where facilities were added to a spreadsheet with costs, the debate on how facilities should be allocated between water and wastewater. The next topic was coming up with a fund allocation summary. Covered next were the Cost Allocation Wastewater Results which included costs, benefits, and risks of PLWTP wastewater options. The Initial Conclusion provided was that Pure Water provides the best cost/benefit/risk option for water and wastewater ratepayers. The Other Elements being Evaluated are on-going discussions of Revenue Sharing and the group has been evaluating multiple concepts for sharing revenues once the water costs are less than imported water costs and Water Option where they are evaluating means for participating agencies to receive water from the Pure Water Program. Conclusions were: Objective – the group developed fair and equitable sharing of water and wastewater costs; Conclusion – the Pure Water Program provides attractive regional water and wastewater solutions

General discussion ensued primarily regarding costs involved with the accelerated program. The FY 16 estimate for the PA portion of the Metro budget is \$65M. FY17 is \$70M on the high end. Ms. Santos promised to finalize the numbers and forward them to Metro Secretary Peoples. The City of San Diego has not issued debt in a while and is looking at the State Revolving Fund for financing to keep the costs lower. This is extremely complex and she wants to give numbers she can stand behind. There was discussion on cash reserve amounts as well as the potential to sell back energy to SDG&E from the Co-gen plant. Al Lau inquired as to whether there was any business case analysis to share.. Dexter Wilson inquired as to whether the brine would be a water cost as going out the outfall. Chairman Humora inquired as to whether a table would be coming out with all facilities etc. Mr. Lau requested they be provided with a 5 year estimate rather than just 3 years.

**7. Metro Wastewater Update (Standing Item)**

Raina Amen has been promoted to Assistant Director and Surraya Rashid has replaced her. The FY 15 Audit is underway.

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

Tung Phung, City of San Diego stated that he had no report.

**9. Financial Update (Standing Item)**

Chairman Humora stated he had given Karyn the day off.

**10. MetroTAC Work Plan (Standing Item)**

Bob Kennedy stated he had attended the July and August IRWMP meetings and provided a brief verbal overview of the meetings and a handout for the minutes (Attachment C to these minutes).

Chairman Humora stated that at the APWA Resource Committee they were speaking about storm water and offsite alternative compliance, a new permit allows offsite mitigation for projects, how to build denser and comply with offsite compliance. The City of San Diego and County of San Diego are working on this. There are some of the same regulators so it will get more challenging and he invited others to attend.

**11. Point Loma Permit Renewal (Standing Item)**

Chairman Humora had no additional report.

**12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (September 1, 2016)**

Jim Peasley stated he would like the City of San Diego to say what the schedule is and bring it back as a presentation to TAC and then to the JPA in October.

**13. Other Business of Metro TAC**

None.

**14. Adjournment to the next Regular Meeting, August 17, 2015**

At 12:50 the meeting was adjourned.

Attachment A  
Agrmt. With AECOM  
for Design Eng. Svs.  
For Morena Pump  
Station &  
Conveyance System

Public Utilities Department  
Pure Water Division

## **Agreement with AECOM for Design Engineering Services for Morena Pump Station and Conveyance System**

Presentation to Metro TAC

Wendy Gamboa , Senior Engineer

August 17, 2016

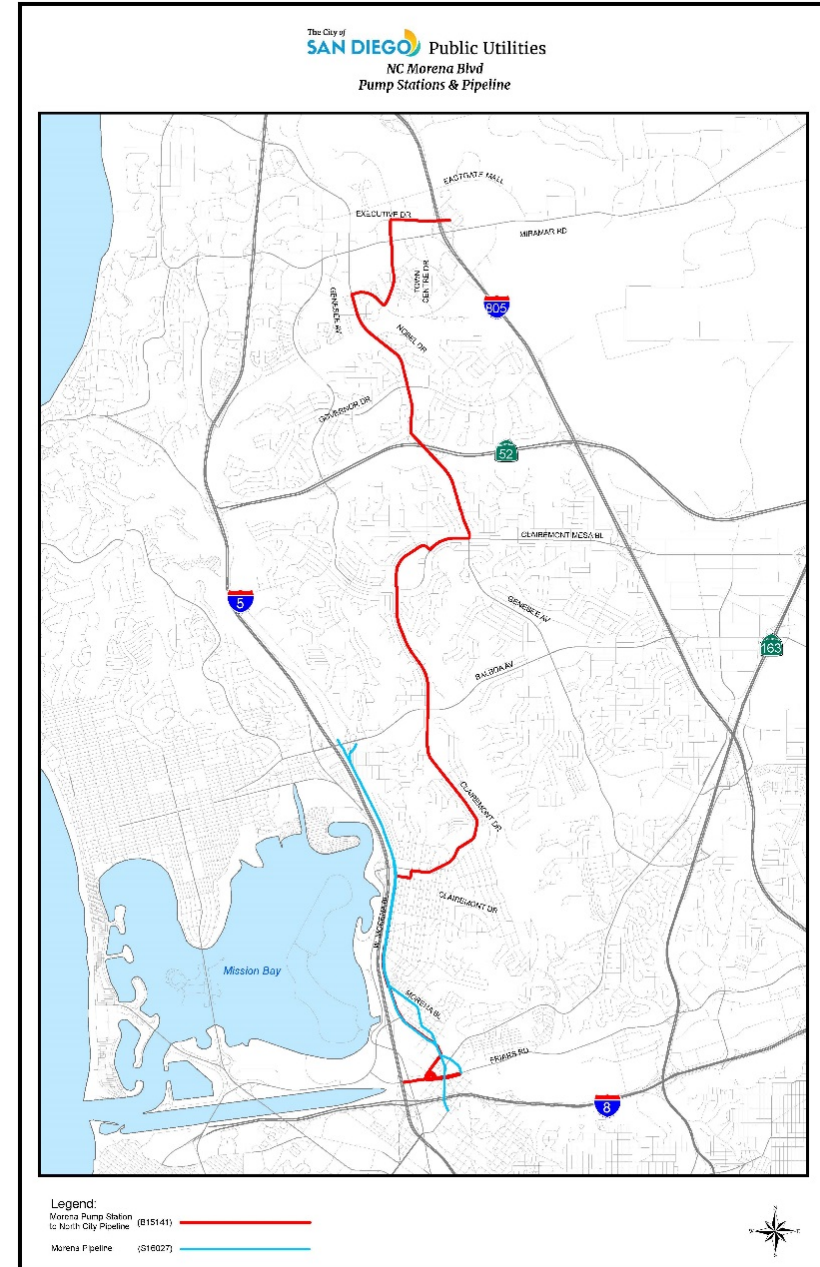


# Project Purpose

- Component of North City Pure Water Phase 1
- Convey additional wastewater to the expanded North City Water Reclamation Plant
- Support Pure Water Phase 1 delivery of 30 mgd and continued recycled water service

# Project Scope & Location

- Pure Water Facilities
  - 32-mgd Morena Pump Station to be located east of Interstate 5 near Morena Boulevard
  - 48-inch wastewater force main, 11 miles
  - 24-inch brine conveyance, 11 miles
- Water CIP Improvements
  - Within same right-of-way as Pure Water pipelines
  - Bundled with Pure Water pipelines to ensure design coordination and cost savings



# Selection Process and Contract Terms

- In February 2016, the Department advertised the Request for Proposal (RFP)
- Five (5) firms submitted proposals pursuant to the RFP
- All five (5) firms were interviewed
- AECOM was selected as the most highly qualified firm
- Total contract amount: \$15,875,255
  - Metro-funded amount: \$9,071,777
  - Water-funded amount: \$6,803,478 (Brine Conveyance & Water CIP Improvements)
- Contract duration: 5 years
- Requested action: Recommend approval of this contract

# Anticipated Schedule

Activity	Date
Metro Commission	September 1
Committee on the Environment	September 15
City Council	October 4
Notice to Proceed	Mid November

# Q&A



# Attachment B

## Pure Water Financial Update

# Public Utilities Department

## Pure Water Cost Allocation

Presentation to MetroTAC

Lee Ann Jones-Santos

August 17, 2016

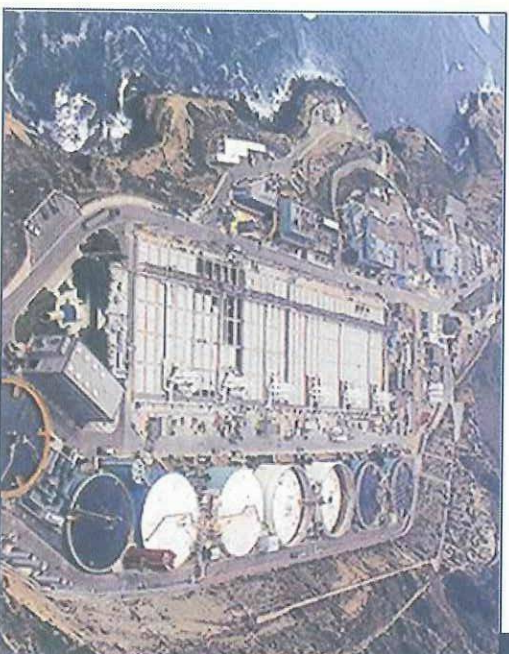




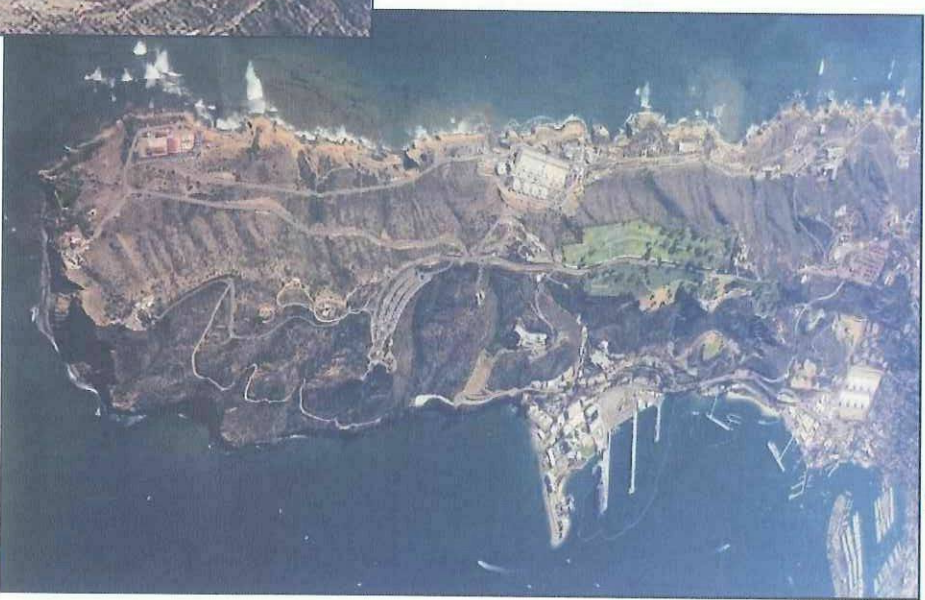
Public Utilities Department

## Our future relies on addressing the region's pressing wastewater issues

- Managing costs
- Continued environmental protection
- Resource recovery versus disposal
- Meeting permit requirements



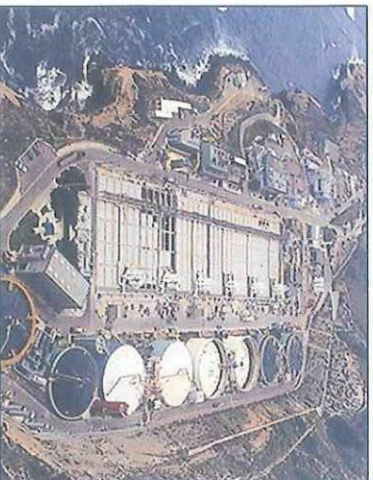
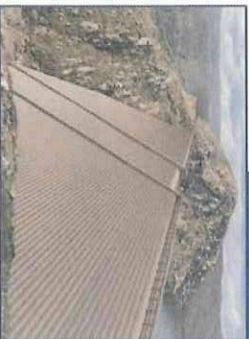
*Point Loma Wastewater  
Treatment Plant*





Public Utilities Department

## **We are positioned well to tackle past, present, and future needs**



### **Examples:**

- City and Participating Agency cooperative management of Metropolitan Sewer System
- Extensive environmental monitoring
- Regional reuse system investment
- Key studies including the 2012 Reuse Study
- Consistent protection of the ocean environment



Public Utilities Department

## **We have the right type of local investments needed for our Region.**

### **A safe, local, and reliable solution**

- Pure Water San Diego is a phased, multi-year program that will provide the region a reliable water supply by implementing potable reuse, thereby significantly reducing our ocean discharges.

### **A sustainable solution**

- Uses proven technology to clean recycled water to produce safe, high-quality drinking water.
- Reduces ocean discharge flows from the Pt. Loma Wastewater Treatment Plant

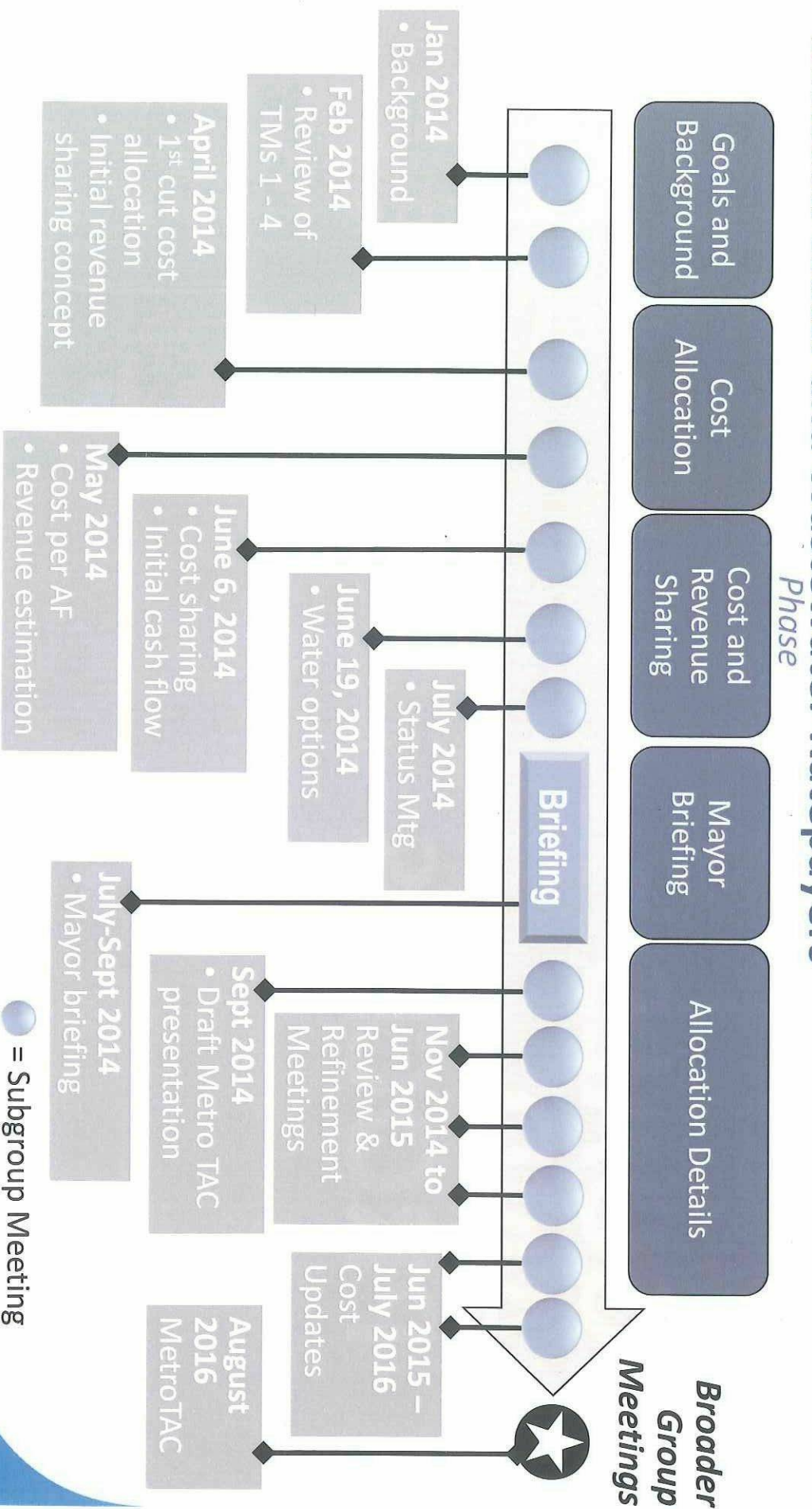
### **A regional solution**

- Offers a cost-effective investment for San Diego's water and wastewater ratepayers for generations.

# GOALS AND PROCESS



## The Subgroup focused on developing fair and equitable sharing between Water and Wastewater Ratepayers



# Simplified Cash Flow Comparison

Cumulative Scenario Cashflows

Cashflow in \$Millions

50  
40  
30  
20  
10  
0

2015  
2017  
2019  
2021  
2023  
2025  
2027  
2029  
2031  
2033  
2035  
2037  
2039  
2041  
2043  
2045  
2047  
2049  
2051  
2053  
2055  
2057  
2059  
2061  
2063  
2065  
2067  
2069

Higher value costs for Pure Water

Revenue benefits from as capital is paid off

Loss of revenue makes non-Pure Water options cost more in future

Cost more in future

Pure Water

Pure Water w/full Secondary

Secondary

Off-ramp

Pure Water with Secondary

North City with Off-ramp

Secondary

Off-ramp

Pure Water with Secondary

Pure Water w/full Secondary

Pure Water

13

San Mateo County, CA, California

# COST ALLOCATION

## THE PROCESS

Facilities were added to a spreadsheet with costs

[illegible]

Next slide shows this process



## Meetings were held to debate and agree on how facilities should be allocated between water and wastewater

Facilities	Financial Model Ref #	Facility Ref #	% Responsibility		Category	Water Type	Phase/ Package	Facility Application			
			Water	Waste water				A1	A2	B1	B2
RWS Facilities											
HD through Secondary (MBR)	1	HD1	20%	80%	Treatment	Wastewater	HD	x	x	x	x
HD Tertiary (from MBR secondary)	2	HD2	100%	0%	Treatment	Tertiary	HD	x	x	x	x
HD Advanced	3	HD3	100%	0%	Treatment	Purified	HD	x			x
CRAWPF Advanced	4	CR1	100%	0%	Treatment	Purified	HD	x		x	
NCWRP through Secondary (new)	5	NC1	0%	100%	Treatment	Wastewater	NC	x	x		
NCWRP through Secondary (ext expansion)	5	NC1	0%	100%	Treatment	Wastewater	NC	x	x		
NCWRP Tertiary***	6	NC2	100%	0%	Treatment	Tertiary	NC	x	x	x	x
NCWRP Advanced***	7	NC3	100%	0%	Treatment	Purified	NC	x	x	x	x
SBWRP Advanced	8	SB3	100%	0%	Treatment	Purified	SB	x	x	x	x
SBWRP Preliminary - Secondary - Phase 1	9	SB1	0%	0%	Treatment	Wastewater	SB	x	x	x	x

Facility  
and  
Phasing  
Data

Each facility was discussed and allocated to water or wastewater

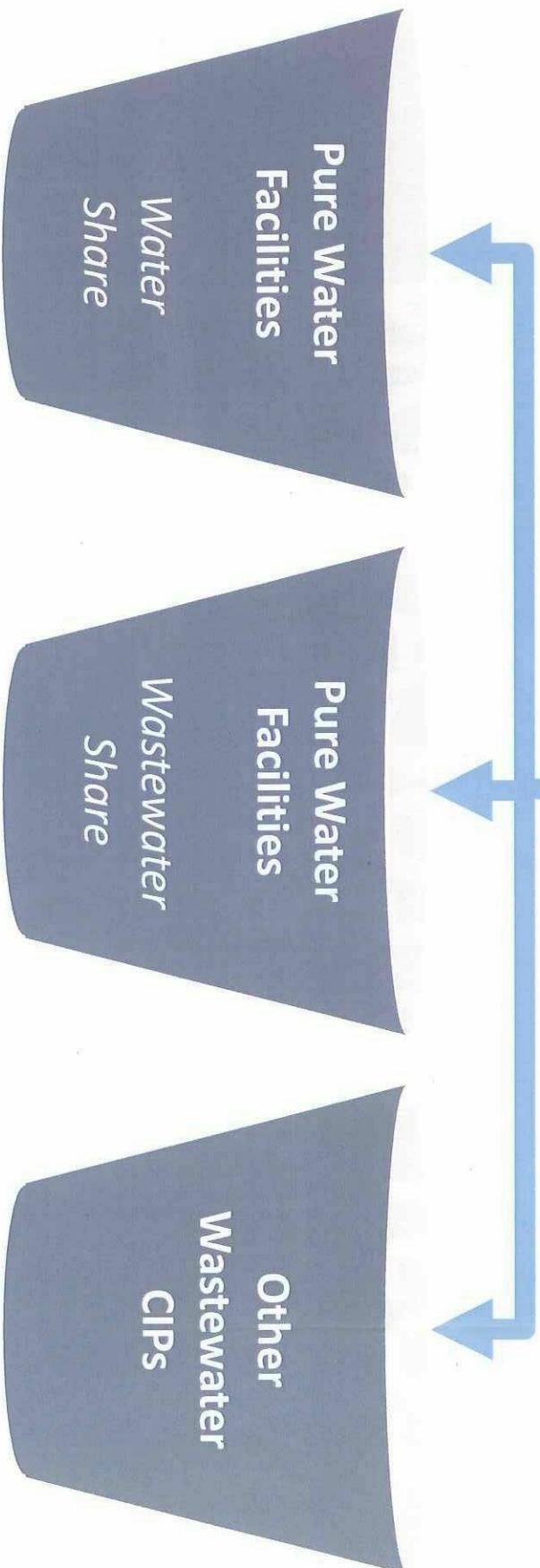
### Water Allocation Results:

- All new tertiary treatment & any O&M related to ramping up of existing tertiary facilities at North City for Pure Water
- All new advanced purification
- All new conveyance of tertiary, advanced purified water, and brine
- MBR treatment shared

### Wastewater Allocation Results:

- All new primary & secondary conventional treatment
- MBR treatment shared
- All new solids treatment
- All new conveyance of wastewater and solids

## Fund Allocation Summary



### Examples:

- Tertiary and advanced treatment
- Brine disposal
- Water conveyance
- MBR (shared)

### Examples:

- Primary and secondary treatment
- Wastewater conveyance
- Solids
- MBR (shared)

### Examples:

- Condition assessment
- Legislated biosolids upgrades
- Facility replacement

# COST ALLOCATION

## WASTEWATER RESULTS



## Costs, Benefits, and Risks of PLWTP Wastewater Options

Option	Status Quo – Rely on Waiver Indefinitely	Do Full Secondary	Pure Water (Wastewater Share)
Wastewater Program Capital Cost	\$1.7B - \$1.8B  (Existing Wastewater Master Plan)	\$2.1B  (Wastewater Master Plan modified to Secondary)	\$1.6B - \$1.8B  (1/15 Initial Master Plan Allocation) <b>\$1.0B - \$1.5B</b> (7/15 Pure Water Validation Stage) <b>Upcoming \$'s</b> (30% Design in progress)
Benefit(s)	<ul style="list-style-type: none"><li>• Short term savings potential</li></ul>	<ul style="list-style-type: none"><li>• Resolves secondary issue/greater legislative certainty</li></ul>	<ul style="list-style-type: none"><li>• Lower cost than secondary</li><li>• Avoid some major master plan facilities</li><li>• Capital costs spread out</li><li>• Drought-proof water supply</li><li>• Defers other expensive regional projects</li></ul>
Risk(s)	<ul style="list-style-type: none"><li>• Missed opportunity for drought-proof local water supply</li><li>• Greater rate uncertainty</li><li>• Stakeholder backlash</li><li>• Prolonged legal action/costs</li><li>• Relies on maintaining waiver</li></ul>	<ul style="list-style-type: none"><li>• Higher overall costs</li><li>• Missed opportunity for drought-proof local water supply</li><li>• More costly if decide to do potable reuse later due to water need</li></ul>	<ul style="list-style-type: none"><li>• secondary equivalency</li></ul>

Existing wastewater master plan cost range based on whether 2 or 3 wet weather basins are ultimately required. Pure Water wastewater cost range depends on the facilities option selected. Costs are capital costs.



Public Utilities Department

## **Initial Conclusion**

**Pure Water provides the best  
cost/benefit/risk option for water and  
wastewater ratepayers – regardless of  
whether it's the City or other Participating  
Agencies**

# OTHER ELEMENTS BEING EVALUATED



## Status of On-going Discussions

- **Revenue Sharing.** The group has been evaluating multiple concepts for sharing revenues once the water costs are less than imported water costs.
- **Water Option.** The group has been evaluating means for participating agencies to receive water from the Pure Water Program.

# CONCLUSIONS



## Conclusions

- **Objective.** The group developed fair and equitable sharing of water and wastewater costs.
- **Conclusion.** The Pure Water Program provides attractive regional water and wastewater solutions.
- **Transparency.** The financials and assumptions used in this analysis were provided to the PA's independent rate consultant. Entities should independently analyze the financials, assumptions, costs, and legal requirements.

THANK  
YOU

Attachment C  
IRWMP Meeting  
Notes June 2 &  
August 3, 2016

San Diego Integrated Regional Water Management  
Regional Advisory Committee Meeting #62 and #63  
June 2, 2016 and August 3, 2016

### **Background**

The Regional Water Management Group for IRWM Program was established in 2005. This group is made up of the City of San Diego, the County of San Diego, and the Water Authority.

A year later, they established the Regional Advisory Committee (RAC) to assist the Regional Management Group with the original IRWM Plan and to assist on prioritization of Prop 50 funding application. The RAC is made up of 4 groups; Water Supply, Water Quality, Natural Resources and Watersheds, with the recent reorganization, they added the Metro JPA representative to the Water Quality Group. The RAC meet every other month.

### **San Diego Integrated Regional Water Management Meeting**

At the Regional Advisory Committee meeting of June 2, 2016, an update was presented on the SDIRWMP. An offsite alternative compliance program for stormwater was presented by Sheri McPherson and Eric Mosolgo. Arne Sanvik from Padre Dam presented on the Ray Stoyer Water Reclamation Facility demonstration project.

At the Regional Advisory Committee meeting of August 3, 2016, an update was presented on several projects that received Proposition 50 Grant funds. Reed Thornberry from the City of San Marcos presented information for the campus landscape renovation, conservation, and pollutant load reduction project. Lesley Dobalian presented information on the Water Authority's recycled water retrofit assistance program. Jack Bebee from Fallbrook PUD presented on the Santa Margarita conjunctive use project. Alexi Schnell presented an overview of the 2015 Urban Water Management Plan. A recommendation from the disadvantaged community project selection workgroup for eight projects and three alternative projects. An update on the IRWM Grant Program was presented at both meetings, see the meeting slides for grant funding status and information.

Information on the status of the Proposition 84 and 1 funding was presented at both meetings, see the meeting slides for detailed descriptions of the projects involved and definition change.

Copies of these presentations can be found at:  
<http://sdirwmp.org/regional-advisory-committee>

Next meeting scheduled for October 5, 2016.

# Attachment D

## MetroTAC Work Plan

**Metro TAC Work Plan  
Active & Pending Items  
2016**

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. Any protocol recommendations will not be implemented until FY 2017.	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. 7/16: The work group continues to meet prior to Metro TAC meetings.	Greg Humora 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. 6/16: Mike will present a draft of the policy to Metro TAC at their July 2016 meeting. <i>7/16: Alexander Heide, City of Poway, distributed a draft of the proposed Social Media Policy. He requested input from Metro TAC members.</i>	Greg Humora Mike Obermiller
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 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

**Metro TAC Work Plan  
Active & Pending Items  
2016**

Active Items	Description	Member(s)
Exhibit E Audit	10/15: FY13 and FY14 expected to be complete by end of 2015. 6/16: FYE 2013 audit accepted by Metro Commission; FYE 2014 and FYE 2015 will be completed by end of the summer 2016. 7/16: FYE 2014 audit completed June 27, 2016.	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
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>7/16: Need an update.</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 commented that they do not expect to review until 2016 and expect to issue permit in August 2016. <i>7/16: Need to update.</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		
Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Tom Howard		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		

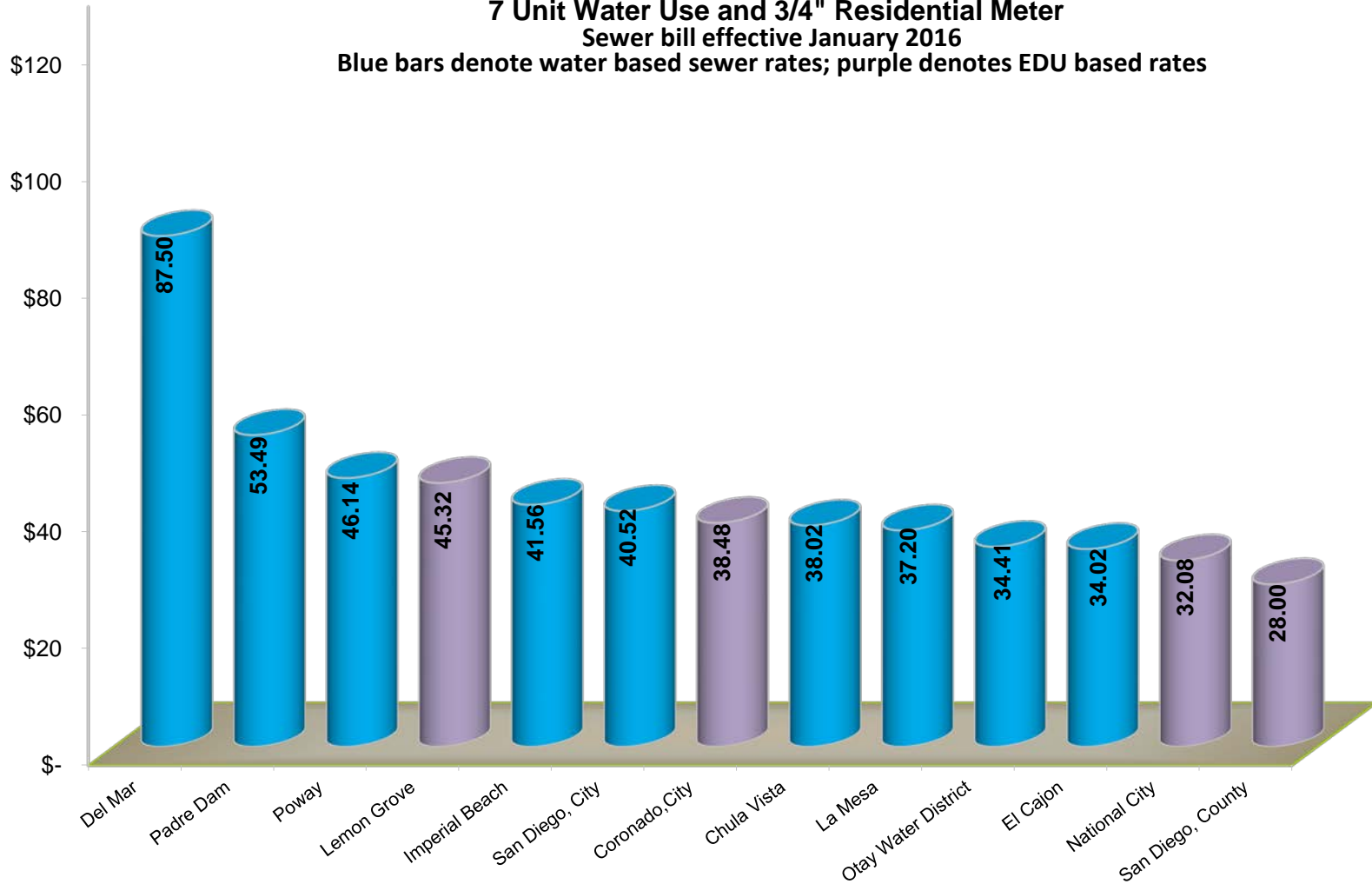
National City	Kuna Muthusamy		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Eric Minicilli		
Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City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



## Item 3

Letter Sent to City of  
San Diego from  
Metro JPA



September 12, 2016

Myra Herrmann, Environmental Planner  
City of San Diego Development Services Center  
1222 First Avenue, MS 501  
San Diego, CA 92101

Elizabeth Maland, City Clerk  
City of San Diego  
202 C St., Second Floor  
San Diego, CA 92101

Re: Request for Notice of Pure Water San Diego Program No. 438188

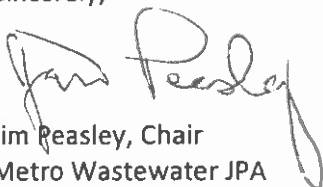
Dear Ms. Herrmann and Ms. Maland:

As permitted under the California Environmental Quality Act ("CEQA") and the Ralph M. Brown Act, the Metro Wastewater Joint Powers Authority ("JPA") requests that it be added to the mailing list(s) for any and all notices related to the Pure Water San Diego Program No. 438188, SCH No. 2014111068 ("Project"). This specifically includes a request that copies of any and all CEQA notices as well as any and all Brown Act public meeting and/or hearing notices for the Project – including those that the City of San Diego may believe are exempt – be provided to Metro Wastewater JPA on a forward-going basis. The satisfaction of this written request is required both by CEQA (Public Resources Code, § 21092.2) and the Ralph M. Brown Act (Government Code, § 54954.1). Please send copies of any and all such notices to the following:

Metro Wastewater JPA  
Attn: Lori Anne Peoples  
Board Secretary  
276 Fourth Avenue  
Chula Vista, CA 91910  
Cell (619) 548-2934

Thank you for your attention to this matter and for adding the above-referenced address to the CEQA and Ralph M. Brown Act notices mailing lists for the Project.

Sincerely,



Jim Peasley, Chair  
Metro Wastewater JPA

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## The Joint Powers Authority Proactively Addressing Regional Wastewater Issues

Chula Vista • Coronado • Del Mar • El Cajon • Imperial Beach • La Mesa • Lemon Grove Sanitation District  
National City • Otay Water District • Poway • Padre Dam Municipal Water District  
County of San Diego, representing East Otay, Lakeside/Alpine, Spring Valley & Winter Gardens Sanitation Districts

## Item 4

AB 1826 – Draft  
Letter Supporting  
Restricting Food  
Liquifiers

**[AGENCY LETTERHEAD]**

Ms. Ana Carvalho  
Environmental Specialist  
City of San Diego  
Environmental Services Department  
9601 Ridgehaven Court, MS 1102-A  
San Diego, CA 92123

**Re: Food Liquefiers**

Dear Ms. Carvalho:

This letter is intended to communicate our support of the restriction or ban of the use of food liquefiers to liquefy waste food for the purposed of disposal into the sanitary sewer system.

Should you have any follow up questions, please contact????

Sincerely,

Cc: [sjepson@scap1.org](mailto:sjepson@scap1.org)

Item 8A

Pure Water Program  
Update

Public Utilities Department

# **Pure Water San Diego Program Presentation to Metro TAC**

Presentation to Metro TAC  
John Helminski, Assistant Director  
September 21, 2016





# Pure Water Update to Cover:

1. Potable Reuse Regulatory Framework
2. Project Delivery
3. Co Generation and Biosolids
4. Ongoing Research and Testing
5. Operator Readiness
6. Point Loma Permit
7. Public Outreach



# Regulations Timeline

## Surface Water Augmentation Regulations

- Draft Regulations
  - September 2016
- Final Regulations
  - December 2016

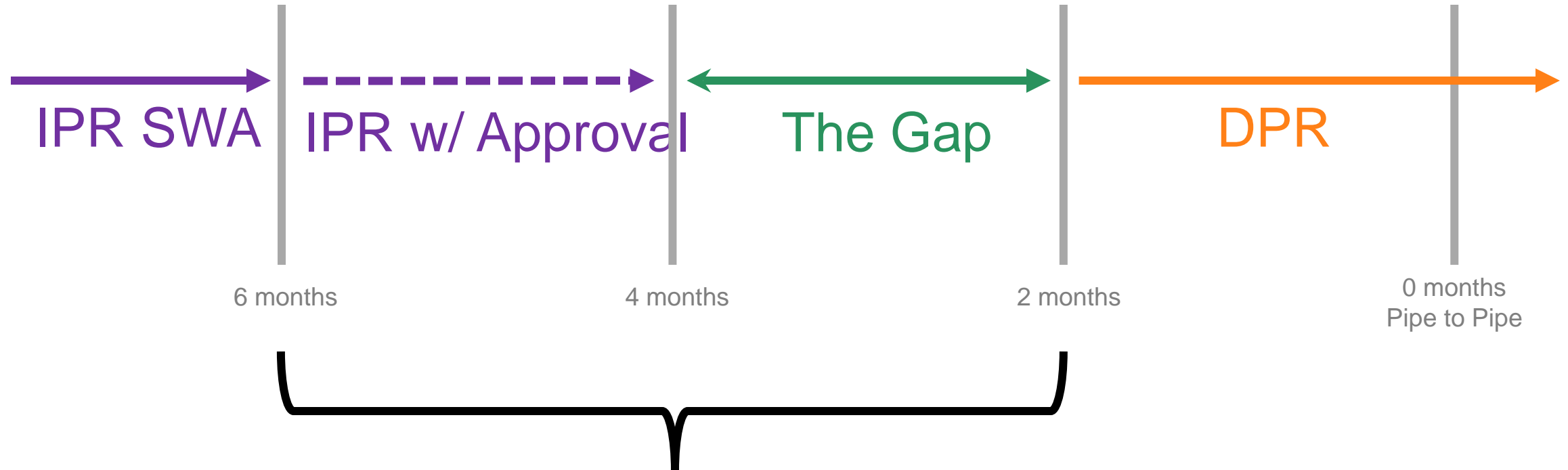
## Direct Potable Reuse Feasibility

- 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 the 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

# Project Delivery

## Miramar Project Feasibility Studies

- Demonstration of 5-step treatment process








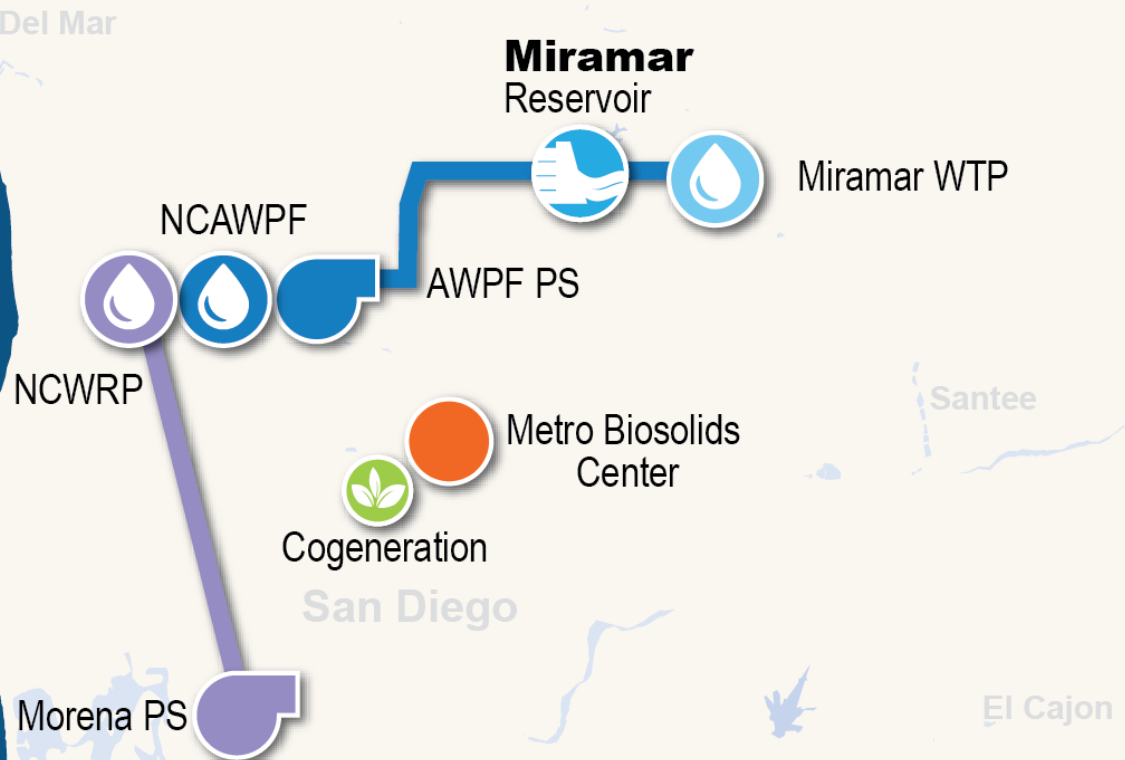
- Miramar Reservoir Modeling meets dilution requirements
- Evaluate Pure Water impacts on the Miramar Water Treatment Plant and distribution system
- City's Independent Advisory Panel determined project is protective of public health (October, 2015)
- City and regulators collaborating on permit application
  - State Water Resources Control Board – Division of Drinking Water (DDW)
  - Regional Water Quality Control Board (RWQCB)

# Pure Water Phase 1 Projects

## North City

### Legend

-  *Water Reclamation Facilities*
-  *Advanced Water Purification Facility*
-  *Drinking Water Facilities*
-  *Biosolids Facilities*
-  *Cogeneration Facility*



# 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



# Outstanding Questions

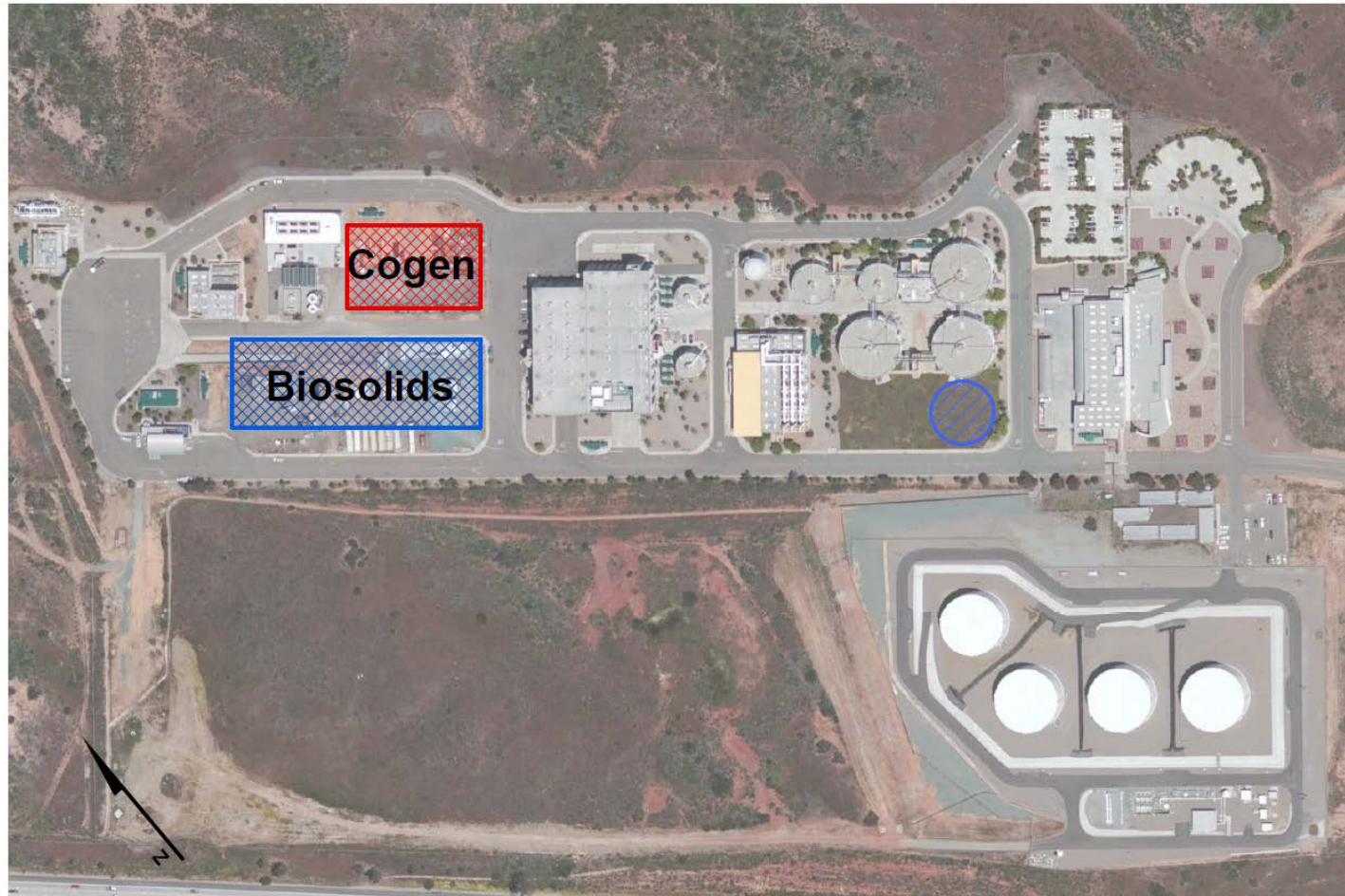
1. Why is the City designing 30 MGD at North City with an anticipated completion date of 2021?
2. What were the factor driving the decision to go to Miramar VS. San Vicente?
3. Are the Mayor and Council Aware of the Change?



# 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

# Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project



## Four Fundamental Questions to Address

- Does the City have to generate Class A biosolids?
- Should the Co-gen facility Design Build Finance Operate and Maintain (DBFOM) contract include an on-site Class A biosolids facility?
- Should the City accelerate delivery of the Co-gen facility project to be operational by January 2019?
- Should the City reconsider locating a power producing facility at Metro Biosolids Center or North City North City Water Reclamation Plant?



# Ongoing Research and Testing

## Grant funded research (\$4.7 million in Prop 50 & 84 funds)

- Installed and tested benefits of adding ozone and biological filtration (BAC) at upstream end of purification process
- 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 through all testing 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

# 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 gained at the demonstration facility
- Operational staff are participating in AWWA regional effort to develop advanced water purification operator certification requirements
  - Will encompass both classroom training and hands-on experience
  - Job analysis expected this 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



# Point Loma Permit Update

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

# Quarter 2 Outreach Metrics



# Youth Engagement

## USD Partnership

- 23 students researched and created communication tools to engage Latino, Asian and African American communities about Pure Water



## Pure Water Media Days

- Attended by nearly 100 journalism/media students from 8 San Diego Unified School District high schools over 2 days
- Students created news package about Pure Water





# Multicultural Community Engagement



- Ongoing 1-on-1 meetings with leaders within Latino, Asian and African American communities
- Coordinate and conduct AWPf tours for specific communities
- Informational booths at community events
  - D6 Night Market
  - Imperial Avenue Street Festival
  - Juneteenth Celebration

# Global Water Award

- The City of San Diego won the *Water Reuse Project of the Year* at the 2016 Global Water Awards that were part of the Global Water Summit in Abu Dhabi
- Award honors the project that “represents the most significant advancement in terms of water reuse”
- San Diego and its Pure Water Program was selected in a competitive category that included water reuse projects from around the globe





Questions?



[www.PureWaterSD.org](http://www.PureWaterSD.org)



Pure Water  
San Diego



PureWaterSD



@PureWaterSD

Item 8B

# Schedule of Pure Water Updates

## **PUD Upcoming Pure Water Discussions:**

	<b>Metro TAC</b>	<b>Metro JPA</b>
1. Pure Water Update: <ul style="list-style-type: none"><li>• Potable Reuse Regulatory Framework</li><li>• Project Delivery, Schedule &amp; Miramar Decision</li><li>• Ongoing Research and Testing</li><li>• Operator Readiness</li><li>• Point Loma Permit</li><li>• Public Outreach</li></ul>	Sept 21, 2016	Oct 6, 2016
2. Cogeneration Project Update:	Sept 21, 2016	Oct 6, 2016
3. Program Environmental Impact Report:	Sept 21, 2016	Oct 6, 2016
4. Cost Allocation Process:	Oct 19, 2016	Jan 5, 2017
5. Rate Impact for FY 19 through 23:	May 17, 2017	June 1, 2017

Item 8C

Annual Planning  
Estimates and Pure  
Water Phase 1 Cost  
Allocation

## PROJECTED PARTICIPATING AGENCY CONTRIBUTION ESTIMATES <sup>3</sup>

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
O&M <sup>1</sup>	\$ 126,481,524	\$ 136,377,600	\$ 142,075,400	\$ 145,376,000	\$ 161,735,878	\$ 178,205,756
Debt Service	68,166,070	75,982,234	77,125,111	77,122,382	88,066,972	79,747,939
Metro Baseline	15,067,708	26,188,309	18,167,098	12,993,261	12,036,688	12,568,354
Metro Pure Water <sup>2</sup>	13,031,965	27,145,387	41,409,167	160,758,892	154,892,168	7,843,778
Subtotal	\$ 222,747,267	\$ 265,693,530	\$ 278,776,776	\$ 396,250,535	\$ 416,731,706	\$ 278,365,827
SRF Funding Metro Baseline	-	(18,529,849)	(11,850,000)	(2,142,412)	-	-
SRF Funding Metro Pure Water	-	(9,966,501)	(2,800,681)	(7,869,067)	(75,060,473)	(22,466,676)
Revenue Offset Estimate	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)
Total	\$ 217,747,267	\$ 232,197,180	\$ 259,126,095	\$ 381,239,056	\$ 336,671,233	\$ 250,899,151
Estimated PA percentage	33.56%	33.56%	33.56%	33.56%	33.56%	33.56%
<b>Total Estimated PA Contributor</b>	<b>\$ 73,071,860</b>	<b>\$ 77,920,977</b>	<b>\$ 86,957,811</b>	<b>\$ 127,936,608</b>	<b>\$ 112,980,490</b>	<b>\$ 84,197,004</b>

<sup>1</sup> Includes an assumed 2.27% annual increase in Wastewater System CIP project costs for Fiscal Years 2017 through 2020. Includes Infrastructure Asset Management Project (Metropolitan Sub-System) in Fiscal Years 2016 through 2018.

<sup>1</sup> Reflects Maintenance and Operation Costs increasing at a 1% rate per Fiscal Year for personnel expenses, at a 3-5% rate per Fiscal Year for supplies and contracts, and at a 3-3% rate per Fiscal Year for energy/utilities.

<sup>2</sup> Pure Water Cost Allocation projections involve estimates, forecasts or matters of opinion, whether or not expressly so described herein, are intended solely as such and are not to be construed as a representation of facts. All projections, forecasts, assumptions, expressions of opinions, estimates and the forward-looking figures are expressly qualified in their entirety by this cautionary statement. Each agency should include additional contingency they feel necessary when developing rates for this component.

<sup>2</sup> Fiscal years 2020, 2021 and 2022 include the design and construction cost for the pilot demonstration project for phase II.

<sup>3</sup> The achievement of certain results or other expectations contained in this table involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements reflected in table to be materially different from any future results, performance or achievements expressed or implied. Although, in the opinion of the Public Utilities Department, such projections are reasonable, there can be no assurance that any or all of such projections will be realized or predictive of future results.

PROJECTED PARTICIPATING AGENCY CONTRIBUTIONS BY FISCAL YEAR - ESTIMATED POTENTIAL RANGE

Participating Agency	Allocation	FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		FY 2022	
		Potential Range		Potential Range		Potential Range		Potential Range		Potential Range		Potential Range	
Chula Vista	30.00%	\$ 20,858,193	\$ 23,053,792	\$ 22,381,415	\$ 24,737,353	\$ 25,085,850	\$ 27,126,465	\$ 34,677,318	\$ 41,612,782	\$ 31,065,057	\$ 37,278,068	\$ 22,334,394	\$ 26,812,073
Coronado	3.00%	2,085,819	2,305,379	2,238,141	2,473,735	2,508,585	2,772,647	3,467,732	4,161,278	3,106,506	3,727,807	2,234,339	2,681,207
Del Mar	1.10%	764,800	845,306	820,652	907,036	919,814	1,016,637	1,271,502	1,525,802	1,139,052	1,366,863	819,258	983,109
East Otay Mesa	0.10%	69,527	76,846	74,605	82,458	83,619	92,422	115,591	138,709	103,550	124,260	74,478	89,374
El Cajon	15.00%	10,429,096	11,526,896	11,190,707	12,368,676	12,542,925	13,863,233	17,338,659	20,806,391	15,532,528	18,639,034	11,171,697	13,406,036
Imperial Beach	3.70%	2,572,510	2,843,301	2,760,374	3,050,940	3,093,921	3,419,597	4,276,869	5,132,243	3,831,357	4,597,628	2,755,685	3,306,822
La Mesa	7.60%	5,284,075	5,840,294	5,669,958	6,266,796	6,355,082	7,024,038	8,784,921	10,541,905	7,869,814	9,443,777	5,660,326	6,792,392
Lakeside/Alpine	5.30%	3,684,947	4,072,837	3,954,050	4,370,266	4,431,833	4,898,342	6,126,326	7,351,591	5,488,160	6,585,792	3,947,333	4,736,800
Lemon Grove	3.60%	2,502,983	2,766,455	2,685,770	2,968,482	3,010,302	3,327,176	4,161,278	4,993,534	3,727,807	4,473,368	2,681,207	3,217,449
National City	7.40%	5,145,021	5,686,602	5,520,749	6,101,880	6,187,843	6,839,195	8,553,739	10,264,486	7,662,714	9,195,257	5,511,370	6,613,645
Otay	1.10%	764,800	845,306	820,652	907,036	919,814	1,016,637	1,271,502	1,525,802	1,139,052	1,366,863	819,258	983,109
Padre Dam	6.50%	4,519,275	4,994,988	4,849,306	5,359,760	5,435,267	6,007,401	7,513,419	9,016,103	6,730,762	8,076,915	4,841,069	5,809,282
Poway	5.10%	3,545,893	3,919,145	3,804,840	4,205,350	4,264,594	4,713,499	5,895,144	7,074,173	5,281,060	6,337,272	3,798,377	4,558,052
Spring Valley	8.60%	5,979,349	6,608,754	6,416,006	7,091,375	7,191,277	7,948,253	9,940,831	11,928,998	8,905,316	10,686,380	6,405,106	7,686,128
Wintergarden	1.90%	1,321,019	1,460,073	1,417,490	1,566,699	1,588,770	1,756,009	2,196,230	2,635,476	1,967,454	2,360,944	1,415,082	1,698,098
Total	100.00%	\$ 69,527,309	\$ 76,845,973	\$ 74,604,715	\$ 82,457,843	\$ 83,619,499	\$ 92,421,552	\$ 115,591,061	\$ 138,709,273	\$ 103,550,190	\$ 124,260,228	\$ 74,477,980	\$ 89,373,576
County	15.90%	\$ 11,054,842	\$ 12,218,510	\$ 11,862,150	\$ 13,110,797	\$ 13,295,500	\$ 14,695,027	\$ 18,378,979	\$ 22,054,774	\$ 16,464,480	\$ 19,757,376	\$ 11,841,999	\$ 14,210,399

<sup>1</sup> The achievement of certain results or other expectations contained in this table involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements reflected in table to be materially different from any future results, performance or achievements expressed or implied. Although, in the opinion of the Public Utilities Department, such projections are reasonable, there can be no assurance that any or all of such projections will be realized or predictive of future results.

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<sup>1</sup> Potential Range estimates are based on various scenario outcomes for O&M costs, financing proceeds, baseline CLP spending, Pure Water expenditures, and Participating Agency allocations based on sampling. Ranges may not reflect actual requirements for Participating Agency contributions based on

Item 8D

Program EIR Update

Public Utilities Department

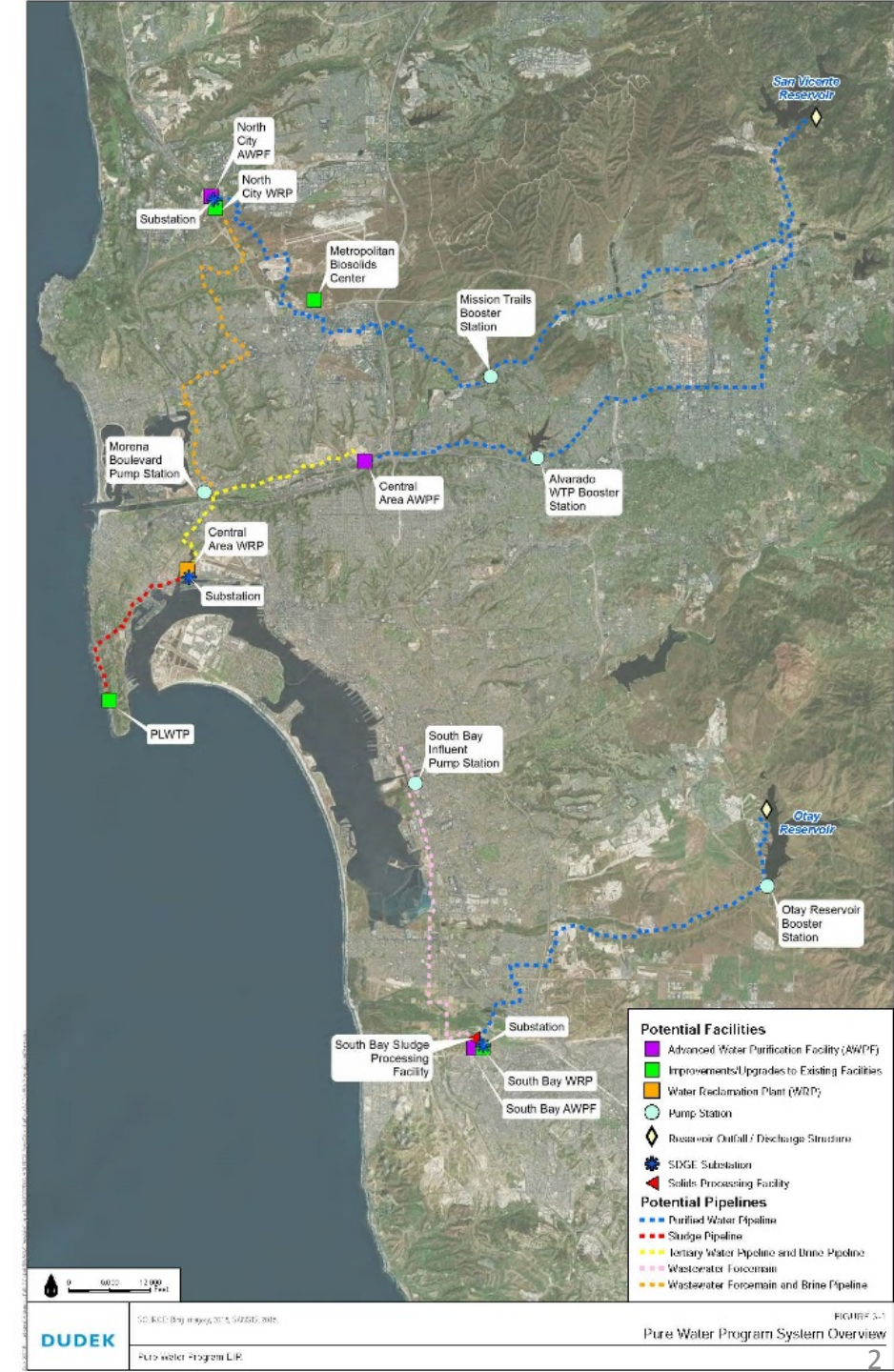
# **Pure Water San Diego Program**

## **Environmental Document Update**

Presentation to Metro Technical Advisory Committee  
Keli Balo Project Manager  
September 21, 2016

# Program Environmental Impact Report

- Broad Overview of Potential Environmental Impacts Associated with Full Implementation of the Program
- Proposed Program - Reservoir Augmentation at San Vicente and Otay Reservoirs
- Analyzed 3 Alternatives to the Program
  - No Project
  - Alternate Reservoir Augmentation
  - Post Office Site Alternative





# Program Environmental Impact Report

## Program Objectives:

1. Provide a cumulative total of at least 83 million gallons per day (MGD) of local, high-quality purified water to serve the San Diego Region.
2. Reduce dependence on imported water.
3. Reduce energy consumption associated with importing water.
4. Increase use of recycled water.
5. Reduce flows to the PLWTP and reduce TSS discharged at the Point Loma ocean outfall to the same or lower levels as would be achieved by implementing secondary treatment at the full plant capacity.
6. 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.



# Program Environmental Impact Report

The PEIR concludes that the project would result in potentially significant environmental impacts to the following areas:

Land Use	Air Quality/Odor
Health and Safety	Biological Resources
Noise	Historical Resources
Hydrology and Water Quality	Paleontological Resources
Public Utilities	Visual Effects and Neighborhood Character
Geology/Soils	Transportation, Circulation and Parking

Implementation of Mitigation Measures would reduce potential impacts to below a level of significance for all issues.

# Program Environmental Impact Report

- Draft PEIR Released for Public Comment February 10, 2016
- 60 Day Comment Period Ended April 11, 2016
- 16 Comments Received

Comments From: State and Local Agencies, Tribal groups, Member Agencies, Planning Group, Labor Union, Concerned Citizens.

Comments Topics: health and safety, water quality, air quality, ocean discharges, agency requirements, scope of analysis, program versus project level analysis, alternatives, and others.



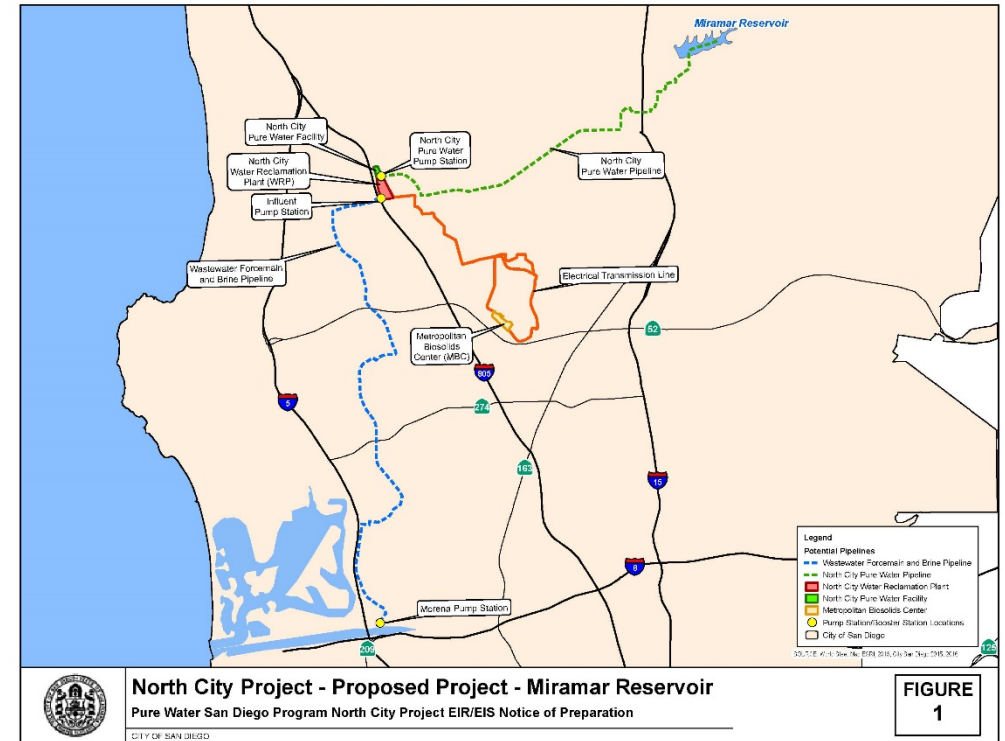
# Program Environmental Impact Report

- PEIR Finalized by Planning Department on August 8, 2016
- Final document includes Response to Comments
- Certification of Final PEIR planned to be heard at Environment Committee on 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 alternate reservoir augmentation project alternative is environmentally superior to the San Vicente Project alternative.

Staff recommend Approval of the Program

# 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 an 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 pm
  - August 25, 2016 Public Utilities 9192 Topaz Way 6:30- 8:00pm
- Joint CEQA/NEPA Environmental Document
- Various Technical Studies Underway



# Item 8E

Amdt. 1 for Special Counsel  
for Hawkins Delafield and  
Wood for Landfill Gas,  
Cogeneration & Biosolids  
Management Facilities &  
Services Project

**METRO JPA/TAC**  
**Staff Report**  
**Date: 9/21/2016**

**Project Title:**

Amendment No. 1 to the Sole Source Agreement with Hawkins Delafield and Wood (HDW) to provide specialized legal services for the Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project.

**Requested Action:**

Request to forward Amendment No. 1 to the Sole Source Agreement between the City of San Diego and HDW for the Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project to the Metro JPA/ Metro Commission for approval.

**Recommendations:**

Approve the contract request

Metro TAC:	Forward the subject item to Metro JPA/ Metro Commission for approval.
IROC:	N/A
Prior Actions: (Committee/Commission, Date, Result)	N/A

**Fiscal Impact:**

Is this projected budgeted?	Yes <u>X</u> No ____
Cost breakdown between Metro & Muni:	It is estimated that the funding will be allocated as follows: Water: 50% (\$495,000), Wastewater: 50% (\$495,000) (Metro: 100%, Muni: 0%). The total contract amount is \$990,000.
Fiscal impact to the Metro JPA:	33.5% of Metro cost (approximately \$165,825)

**Capital Improvement Program:**

New Project?	Yes <u>X</u>	No ____	N/A ____
Existing Project?	Yes ____	No <u>X</u>	Upgrade/addition ____ Change ____

**Previous TAC/JPA Action:**

None

**Additional/Future Action:**

Present the proposed agreement to Metro JPA/ Metro Commission on October 6, 2016 prior to City Council approval.

**City Council Action:**

City Council approval of the proposed agreement is anticipated on October 25, 2016.

**Background:**

Please view discussion below.

**Discussion:**

The project will provide considerable reduction in Greenhouse Gas (GHG), by capturing fugitive emissions from the landfill, to meet the City's Climate Action Plan target to reduce carbon gas emissions. The City will be able to produce renewable energy by utilizing landfill gas (LFG) and biogas from solid waste digesters, to generate electricity that supports the expansion of the North City Water Reclamation Plant (NCWRP), the North City Pure Water Facility (NCPWF), and expansion of biosolids production at the Metropolitan Biosolids Center (MBC), while providing significant cost savings to the City. In addition, the City and the U.S. Navy and Marine Corps wish to develop further cogeneration capacity from landfill gas. The project will also utilize waste heat from energy co-generation to improve biosolids processing from Class B to Class A for beneficial reuse. Additionally, the project will include the management and operation of the existing LFG collection system when "Gas Rights" return to the City on January 1, 2019.

The project will be developed using a Design/Build/Finance/Operate/Maintain (DBFOM) delivery method for the management, operation and expansion of the Miramar Landfill Gas Collection System on January 1, 2019; construction and operation of a Co-generation facility to generate up to 20MW of power utilizing landfill gas and biogas at MBC; construction and operation of an advanced biosolids handling facilities to produce Class A biosolids at MBC utilizing waste heat from the co-generators to increase digesters efficiency; and marketing and sale of Class A biosolids. The work sought by this retainer will yield a privately financed project that will result in avoided capital expenditures of an estimated \$300 million to \$400 million.

The DBFOM delivery method creates one point of responsibility for multiple services; transfers design risks; and assume construction, operation and maintenance responsibilities for the project. This method also provide cost savings with performance guarantees and shorter project schedule. The project is a 20-year Public-Private Partnership (P3) that will allow for public ownership and private financing.

The Public Utilities Department, in conjunction with the City Attorney's Office and the Environmental Services Department are in the process of preparing a Request For Statement of Qualification (RFSQ) to solicit qualified DBFOM entities, followed by a Request For Proposal (RFP) to demonstrate the qualified DBFOM entities' design, construction, financial, operational and maintenance capabilities for successful delivery of the project.

Due to the specialized nature of the project scope with multifaceted elements, magnitude, intricate legal and financial complexities of the Public-Private Partnerships; RFSQ/RFP development, proposal evaluation, service agreement preparation, contract negotiation and post-contract execution, the City Attorney's Office deemed special counsel necessary for the remaining contract duration. Hawkins Delafield and Wood (HDW) possesses an in-depth legal and economic understanding necessary for developing terms and conditions associated with complex 20-year services agreement, facilitation of Public-Private Partnerships (P3), which includes DBFOM delivery method for publicly owned facilities with private financing for the purpose of operating and maintaining an existing landfill collection system at Miramar Landfill on January 1, 2019; construction and operation of a Co-generation facility to generate up to 20 MW of power utilizing landfill gas and biogas at MBC; construct and operate an advanced biosolids handling facilities to produce Class A biosolids at MBC; and utilize waste heat from the co-generators to increase digesters efficiency; including the marketing and sale of Class A biosolids.

HDW will provide similar services to the City that it had provided in the negotiation and drafting of the original privatization agreement with NEO San Diego LLC (NEO SD), and Minnesota Methane San Diego LLC (MMSD) for the Miramar landfill gas collection system, and for the MBC and North City Cogeneration facilities. Both the NEO SD and MMSD facilities are currently owned by Fortistar Methane Group (Fortistar). The privatization agreement, originally entered into in 1995 yielded the ratepayers savings of over \$60 million in audited costs.

Additionally, HDW has assisted the City in negotiating the 2011 agreement amendment with Fortistar for the expansion of the landfill gas collection system to support development of a new 3.2 MW cogeneration facility for MCAS Miramar (through the Miramar Energy LLC). The term of the cogeneration agreement with Miramar Energy LLC runs through calendar year 2026.

Amendment No.1 is requested to increase the contract by \$990,000 for a total not to exceed amount of \$1,240,000. The additional funding will allow the City to continue to access the specialized legal services to support the Landfill Gas, Cogeneration and Biosolids Management Facilities and Services Project.

**Project Schedule:** The table below presents the anticipated schedule.

Activity	Date
Metro JPA/ Metro Commission	10/6/2016

**Bid Results:** *If bidding was done provide bidding format and results*  
Not applicable.

# Item 12

## MetroTAC Work Plan

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		

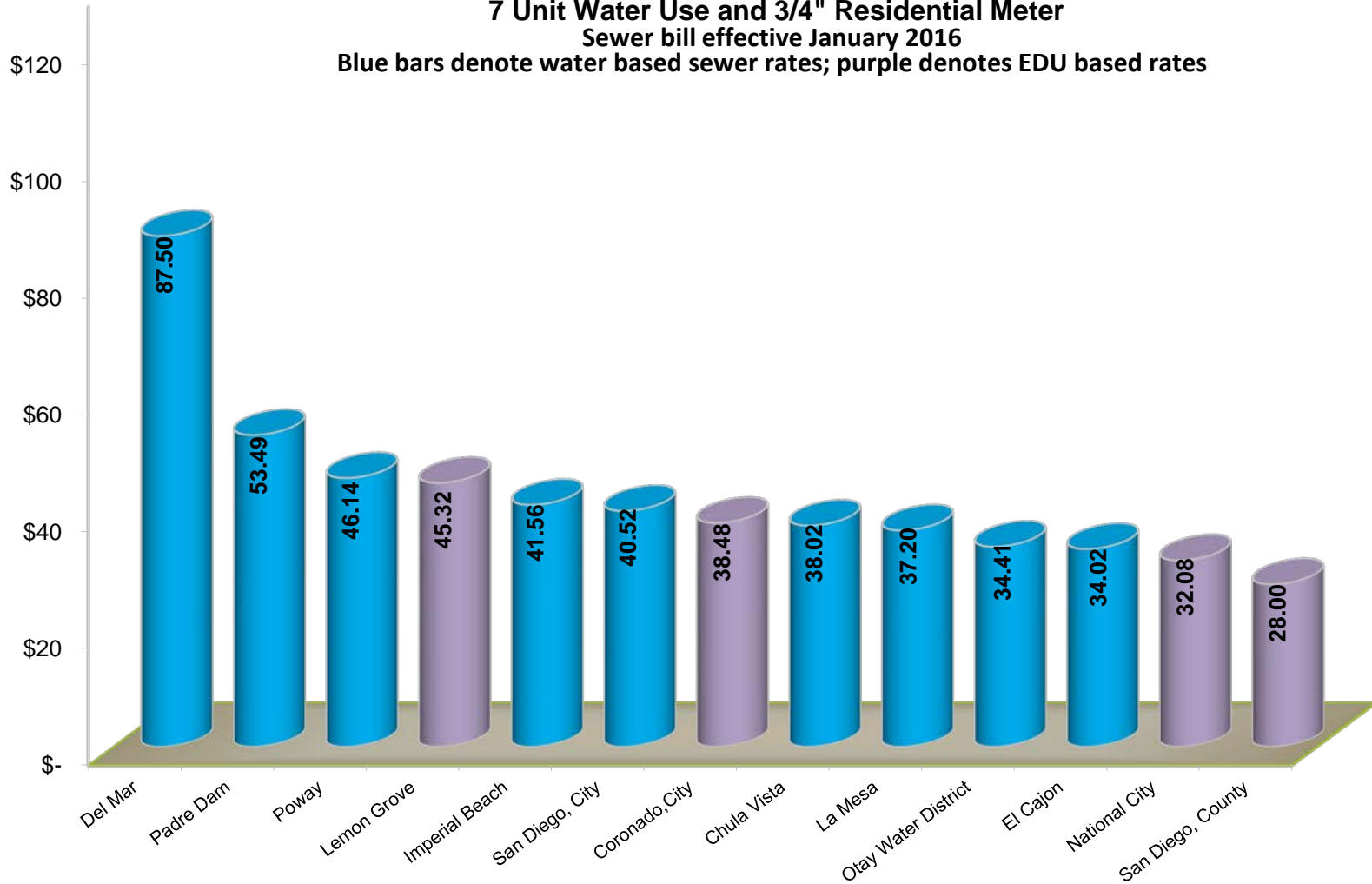
National City	Kuna Muthusamy		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Eric Minicilli		
Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City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



# Item 13

Pt. Loma Permit Renewal

## Point Loma Permit/Potable Reuse KEY MILESTONE DATES



09/14/2016

DATE	TASK	FOLLOW UP ACTION/STATUS
<b>2014</b>	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
<b>2015</b>		
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
<b>2016</b>		
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	<b>Election day</b>	
<b>2017</b>		
	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

