



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

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

**DATE:** Wednesday, October 17, 2018

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

**LOCATION:** 9192 Topaz Way, (PUD 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 [September 19, 2018](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **REPORT:** Update from Pure Water Cost Allocation Working Group (Scott Tulloch/Dexter Wilson)
4. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
5. Metro Wastewater Update (Standing Item) (Edgar Patino)
6. Pure Water Program Update (Standing Item) (John Helminski) (**Additional Attachment to follow**)
7. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
8. Financial Update (Standing Item) (Karyn Keese)
9. IRWMP Update (Standing Item) (Robert Yano)
10. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
11. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**November 1, 2018**)
12. Other Business of Metro TAC
13. Adjournment ([To the next Regular Meeting November 21, 2018](#))

**Metro TAC 2018 Meeting Schedule**

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

Attachment 1  
Action  
Minutes of  
September  
19, 2018



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

**ACTION MINUTES**

**DATE OF MEETING:** September 19, 2018

**TIME:** 11:00 AM

**LOCATION:** PUD MOC II Auditorium

**MEETING ATTENDANCE:**

Greg Humora, La Mesa  
Beth Gentry, Chula Vista  
Frank Rivera, Chula Vista  
Ed Walton, Coronado  
Yazmin Arellano, El Cajon  
Steve Beppler, Otay MWD  
Bob Kennedy, Otay MWD  
James Peasley, Padre Dam  
Rudy Guzman, Poway  
Alex Heide, Poway  
Jessica Parks, Poway  
Sue Spott, County of San Diego

John Helminski, City of San Diego  
Raina Amen, City of San Diego  
Edgar Patino, City of San Diego  
Juan Guerrero, City of San Diego  
Charles Modica, City of San Diego  
Peggy Merino, City of San Diego

Scott Tulloch, NV5  
Karyn Keese, Keze Group  
Nicholas Norvell, BBK Law

Jerry Jones, Lemon Grove

**1. Review and Approve MetroTAC Action Minutes for the Meeting July 18, 2018**

**ACTION:** Motion by Greg Humora, seconded by Yazmin Arellano, to approve the MetroTAC Action Minutes. The motion carried unanimously.

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

Chair Humora stated that the JPA did not hold a meeting in September.

**3. REPORT: Consent Decree Agreement with San Diego Coast-keeper and Coastal Environmental Rights Foundation for Four Wastewater Treatment Facilities**

Rania Amen and Juan Guerreiro gave a presentation regarding the City's intent to request approval from the San Diego City Council on October 16 to enter into a

Consent Decree Agreement with San Diego Coastkeeper and the Coastal Environmental Rights Foundation, to resolve all claims for the alleged violations of the NPDES General Permit for Storm Water Discharge Associated with Industrial Activities, Order No. 2014-0057-DWQ. A copy of the presentation is included with these minutes as Attachment A.

Five City owned facilities are involved in the action, four of which are Metro facilities:

- Point Loma Wastewater Treatment Plant
- South Bay Water Reclamation Plant
- North City Water Reclamation Plant
- Metro Biosolids Center

This action arose when elevated levels of bacteria during storm events were noticed by Coastkeeper that were posted on the City's Smart system.

Juan gave an overview of what actions the City of San Diego plans to take over the next five years to correct the containment of storm water and the range of costs involved associated with the alternatives. The City plans to present the plan to Coast Keeper and share with them the timeline for corrective actions if approved by the San Diego City Council.

**ACTION:** Motion by Frank Rivera, seconded by Yazmin Arellano to send this item forward to Metro Commission/JPA in October. The motion was unanimous.

**4. REPORT: Update from Pure Water Facilities Working Group**

There was no report this month.

**5. REPORT: Update from Pure Water Cost Allocation Working Group**

There was no report this month.

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

There was no report this month.

**7. REPORT: Update from Sample Rejection Protocol Working Group**

Edgar Patino reported that he and his staff are still working on the strength based billing workshop which should be presented over the next few months. Chula vista has requested a one on one to update new employees and familiarize them with strength based billing.

**8. Metro Wastewater Update (standing item)**

There was no report this month.

**9. Pure Water Program Update**

John Helminski handed out a Pure Water Actions Items project schedule for between now and June 2019. This is included as Attachment B to these minutes. The first item is the WIFIA Funding Authorization that will be going to the San Diego City Council on 9/25/18. PUD staff is very pleased as WIFIA increased their funding support to their maximum which is 49% of project costs or \$614 million. The City's design consultant is still working on the Phase 2 project alternatives and most likely they are looking at a November for completion of the report. The smaller PA working group will be meeting with the project team in October to review the draft. Work is still continuing on cost analysis with the cost allocation working group. Due to the fact that the San Diego Council Committee has moved their meeting to November 1<sup>st</sup>, which is the same day as the regular Metro Commission/JPA, there may need to be a special Metro Commission/JPA meeting on October 25.

**10. Metro Capital Improvement Program and Funding Sources (Standing item)**

The FY2018 Capital Improvements Projects (CIP) Report – 4th Quarter was attached to the agenda and Edgar Patino asked if there were any questions. Tung Phung was asked to review the status of the South Bay Demineralization project and the cost overruns associated with the Pump Station 2 Power Reliability and Surge Protection projects at the November 2018 Metro TAC meeting,

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

Karyn Keese reported that the FYE 2017 fieldwork had started on Monday, September 17, and the initial work should be completed this week. Dexter Wilson will be joining her in the audit to review the four Pure Water CIP's and the Pure Water Program O&M task orders. She was happy to report that during FYE 2017 the City of San Diego had received the proceeds from a Bureau of Reclamation grant of \$5 million. 32% had been allocation to Metro or \$1.6 million. She will be reviewing the determination for this allocation of revenues between water and wastewater during the course of the audit. It is expected that the FYE 2017 audit will be completed by May 2019.

**12. IRWMP Report (Standing Item)**

There was no report this month.

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

There were no additions or deletions to the work plan this month.

**14. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (October 4, 2018)**

Item 3 2ill e brought forward to the Metro Commission/JPA at their October 4, 2018 meeting.

**15. Other Business of Metro TAC**

There was none.

**16. Adjournment to the next Regular Meeting, June 20, 2018**

At 12:30 p.m. the meeting was adjourned.

Public Utilities Department

# **Consent Decree with San Diego Coastkeeper and Coastal Environmental Rights Foundation**

# CD w/ SDCK & CERF

## Proposed Action

Inform Metro JPA of City's intent to request approval from City Council to enter into a Consent Decree Agreement (CD) with San Diego Coastkeeper (SDCK) and the Coastal Environmental Rights Foundation (CERF), to resolve all claims for the alleged violations of the NPDES General Permit for Storm Water Discharge Associated with Industrial Activities, Order No. 2014-0057-DWQ.

Five City owned facilities involved, four of which are Metro facilities:

- Point Loma Wastewater Treatment Plant
- South Bay Water Reclamation Plant
- North City Water Reclamation Plant
- Metro Biosolids Center



# CD w/ SDCK & CERF

## Fiscal Impact by Year

For all affected City of San Diego facilities

- \$100,000 for SDCK & CERF fees and costs (within 45 calendar days of Order)
- \$35,000 to fund Environmental Project (within 45 calendar days of Order)
- \$25,000 capped monitoring fees (annually not to exceed five years)

City Total = \$135,000 + (\$25,000 x 5) = \$260,000

Metro Total (4/5) = \$208,000

JPA Total (33%) = \$68,640

# CD w/ SDCK & CERF

## Potential CD Compliance Costs

Structural BMP's are likely.

Current high level estimates (Attachment 1):

- Treatment outside of WWTP = \$5,100,000 - \$7,900,000
- Diversion for treatment through the WWTP = \$7,694,667
  
- Treatment JPA portion = \$1,683,000 - \$2,607,000
- Diversion JPA portion = \$2,539,240



Public  
Utilities

**Questions?**

Pure Water Actions Items As of 9/17/2018					
Description:	Closed Session	Metro TAC	Metro JPA	Council Committee	SD City Council
WIFIA Funding Authorization	■	■	■	■	9/25
Fortistar Settlement Agreement (Closed Session)	9/11 and 9/25	■	■	■	■
Fortistar Settlement Agreement Funding Action	■	10/17	10/25 Tentative	11/1	11/15
SDG&E Design and Relocation (Closed Session)	10/8	■	■	■	■
SDG&E Design and Relocation Funding Action	■	10/17	10/25 Tentative	11/1	11/15
Metro JPA Amended and Restated Disposal Agreement	■	9/19 -	10/4	11/1	11/15
CH2M Amendment No. 1	■	7/12	10/4	9/6	10/24
Hearing of Necessity	■	■ 10/17	■ 10/25	■	10/30
Authorization of Phase 1 Pure Water Construction Contracts	■	10/17	10/25 Tentative	11/1	11/15
Award of Owner Controlled Insurance Policy*	■	10/17	10/25 Tentative	11/1	11/15
Stantec Amend No 2.	■	1/16	2/7	2/7	2/26

Completed Items

Note: Tentative 10/25 date pending approval by Metro JPA, requested change to be shared at 9/19 Metro TAC meeting.

# Attachment 6

## Pure Water Program Update

Public Utilities Department  
Pure Water Program

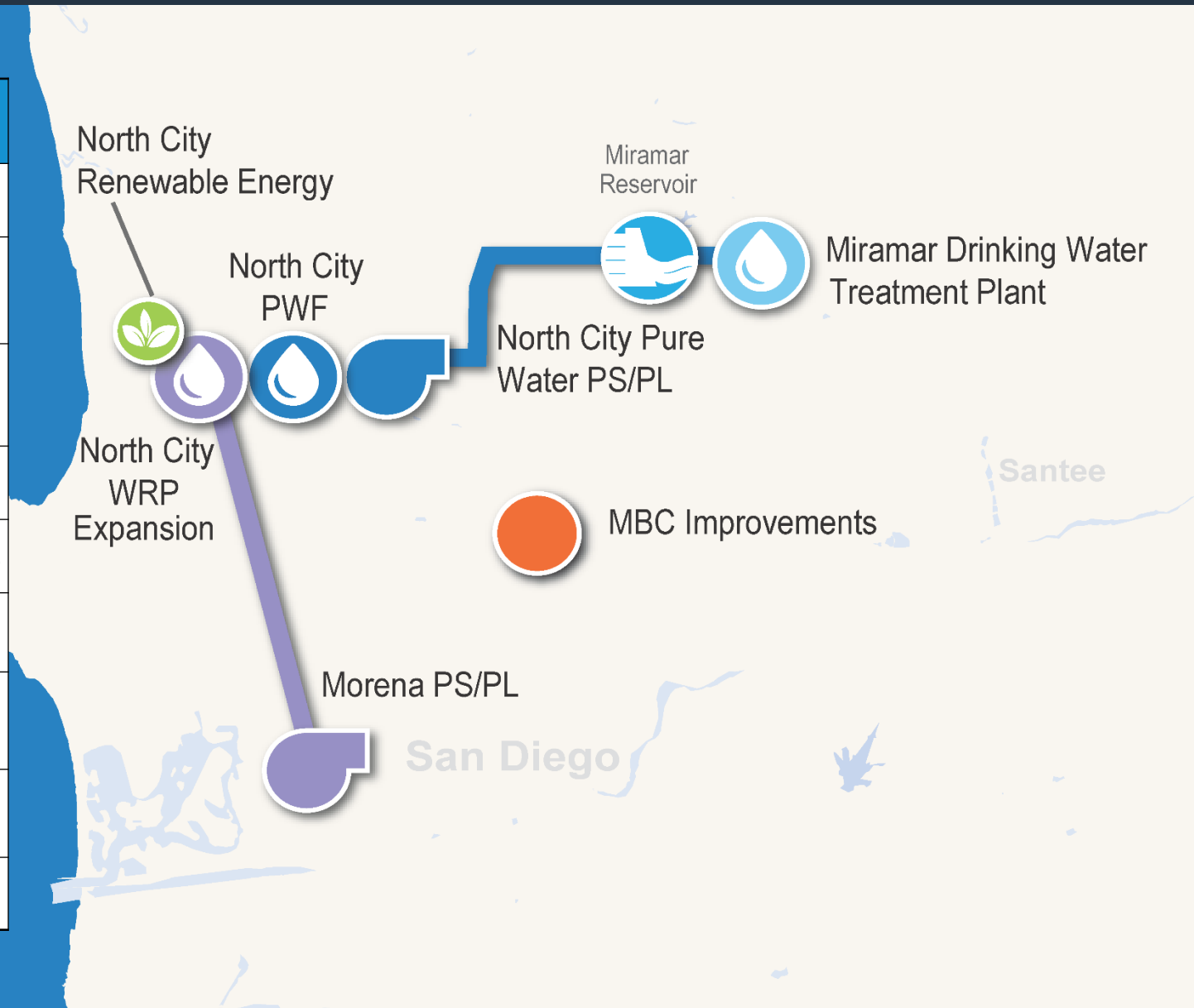
# Pure Water Program Implementation Update

Presentation By: John Helminski

Metro Technical Advisory Committee  
October 17, 2018



Activity	Timeline
City Engineer Review	October 2018
Development Services Department – Building Official	October 2018
Construction Management Consultant – Constructability Reviews	October and December 2018
Host Contractor EXPO	October 2018
Finalize Designs	October/ November 2018
Phase 1 Construction Authorization	November 2018
Construction Advertisement	Late 2018 thru Q1/ Q2 2019*
Renewable Energy Project Request for Proposals (RFP)	Q1 2019
*North City Water Purification Facility and Water Reclamation Plant Early Site Work to advertise October 2018	





# Pure Water Phase 1 – Schedule Update

- **Baseline Schedule (10% Design):**
  - *Construction Completion: Q4 2021*
- **Updated Baseline (100% Design):**
  - *Intermediate Substantial Completion: Q4 2022*
  - *Commissioning Complete: Q3 2023*
  - *Pure Water Regulatory Ramp up:*
    - 7 MGD: Q3 2023
    - 15 MGD: Q4 2023
    - 30 MGD: Q1 2024
- **Project Commitments:**
  - *Milestone Point Loma Permit July 31, 2022*
    - These task are dependent upon future approval by the Mayor and City Council of San Diego
  - *Cooperative Agreement :*
    - Complete Construction of a 15 MGD Potable Reuse Facility: June 2023
    - Produce at least 15 MGD of Potable Reuse: December 2023
    - Produce at least 30 MGD of Potable Reuse: 1Q 2024





# Pure Water Phase 1 - Project Cost

## ■ Pure Water Projects

### ■ Pure Water Phase I Approximate Program Costs: ~\$1.27B

Water Costs	\$743M
Wastewater Costs	\$530M

### ■ Pure Water Owner Controlled Insurance Program (OCIP): ~\$24.2M

Water Costs	\$14.0M
Wastewater Costs	\$10.2M

### ■ Pure Water Contingency Pool ~ \$92.3M

Water Cost	\$53.5M
Wastewater Cost	\$38.8M

### ■ Sub-Total Pure Water Cost (uninflated): ~\$1.39B (without estimated SDG&E relocation cost)

### ■ Pure Water SDG&E Relocation Cost ~ \$47.8M

Water Cost	\$14.3M
Wastewater Cost	\$33.5M

### ■ Total Pure Water Cost (uninflated): ~\$1.44B (with estimated SDG&E relocation costs)



# Pure Water Phase 1 - Project Cost

## ■ Non Pure Water CIP's (Bundled with Pure Water Projects)

### ■ Non Pure Water CIP's (Projects Bundled with Pure Water) ~ \$126M

Water Cost	\$60M
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Wastewater Cost	\$66M
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### ■ Non Pure Water CIP's OCIP: ~\$2.6M

Water Costs	\$1.5M
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Wastewater Costs	\$1.1M
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### ■ Non Pure Water CIP's Pure Water Pooled Contingency~ \$10.6M

Water Cost	\$6.2M
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Wastewater Cost	\$4.4M
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### ■ Sub-Total Non Pure Water CIP Cost (uninflated): ~\$139M (without estimated SDG&E relocation cost)

### ■ Non Pure Water SDG&E Relocation Cost

Water Cost	\$45M
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### ■ Total Non Pure Water CIP Cost (uninflated): ~\$184M (with estimated SDG&E relocation costs)



# Pure Water Phase 1 - Project Cost

- Pure Water 10% Design Cost (Uninflated): ~\$1.2B
- Costs not identified during 10% Design Baseline (Uninflated): ~\$355M
  - Non Pure Water CIP Projects: ~\$126M
  - Pure Water and Non Pure Water OCIP: ~\$28M
  - Pure Water and Non Pure Water Contingency Pool ~ \$103M
  - Pure Water and Non Pure Water SDG&E Relocation costs: ~ \$98M
- Total Pure Water Program and Non Pure Water CIP's (Uninflated): ~\$1.62B\*
  - Pure Water – Phase I Cost (uninflated): ~\$1.44B\*
  - Non Pure Water CIP Cost (uninflated): ~\$184M\*

\*Includes OCIP + Contingency Pool + SDG&E Relocation Costs

- Estimated Funding Opportunities
  - Clean Water SRF loan & EPA WIFIA applications
    - SRF loans offer lowest cost source of funding with 30 year repayment
      - Applied for \$1.27B
    - EPA WIFIA additional low cost funding source with 35 year repayment option. WIFIA capped at an estimated \$614M
  - Prop 68:
    - Governors FY2019 Budget \$30M
  - Local Resource Program Funding (Metropolitan Water District of Southern California)
  - Pay-go funds, bonds/notes are additional funding sources as required

- Metro JPA Disposal Agreement - Amended and Restated
  - Update Method to Pay for Pure Water Capital Cost
- Language Added:
  - Assurance that Up Stream Flows are Protective of Pure Water Program
  - 1.8B Spending Cap for Wastewater Expenses for Phase 1 and 2
  - Revenue Sharing once Pure Water becomes more cost-effective than Imported Water



# San Diego Gas & Electric (SDG&E) Utility Relocations

- SDG&E Franchise Agreement
  - Responsible for relocations of their assets at SDG&E expense
- Anticipated Design Costs: \$12 million
- Utility Relocation Construction Costs: up to \$86 million
- Estimated Cost: \$98 million
- Does Not include 24% Tax (under evaluation)

- Hearing of Necessity – Emanate Domain (October 30<sup>th</sup>)
  - 7 Easements include in City Council Action
  - Murphy Development
- EIR Settlement Negotiation
  - Certifying the Record
  - UCCF filed Suit against EIR
- Contract Labor Language
  - Skilled Work Force
  - Apprentices Union vs. Non-Union
  - Veteran Programs (Helmets to Hard Hats)



# OCIP Features

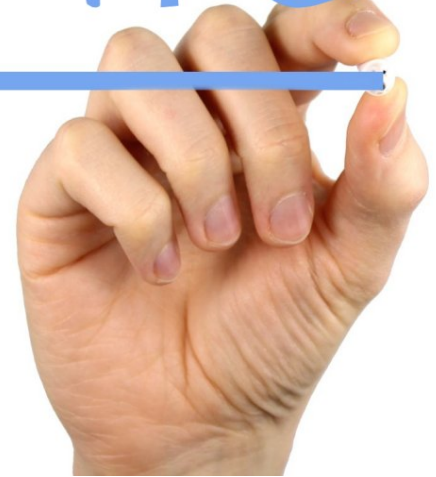
- Owner purchases insurance for:
  - Owner
  - Contractors
  - Sub-Contractors
- Includes integrated owner and contractor safety program
- Centrally managed and processed claims structure





- Cost savings – economy of scale
- Centralized administration
- Consistent and broad coverage
- Minimize cross litigation among multiple insurers
- Higher, dedicated limits
- Uniform and consolidated safety program
- Coordinated claims and loss control management
- Increase in small contractor participation
- Support from construction community

BENEFITS



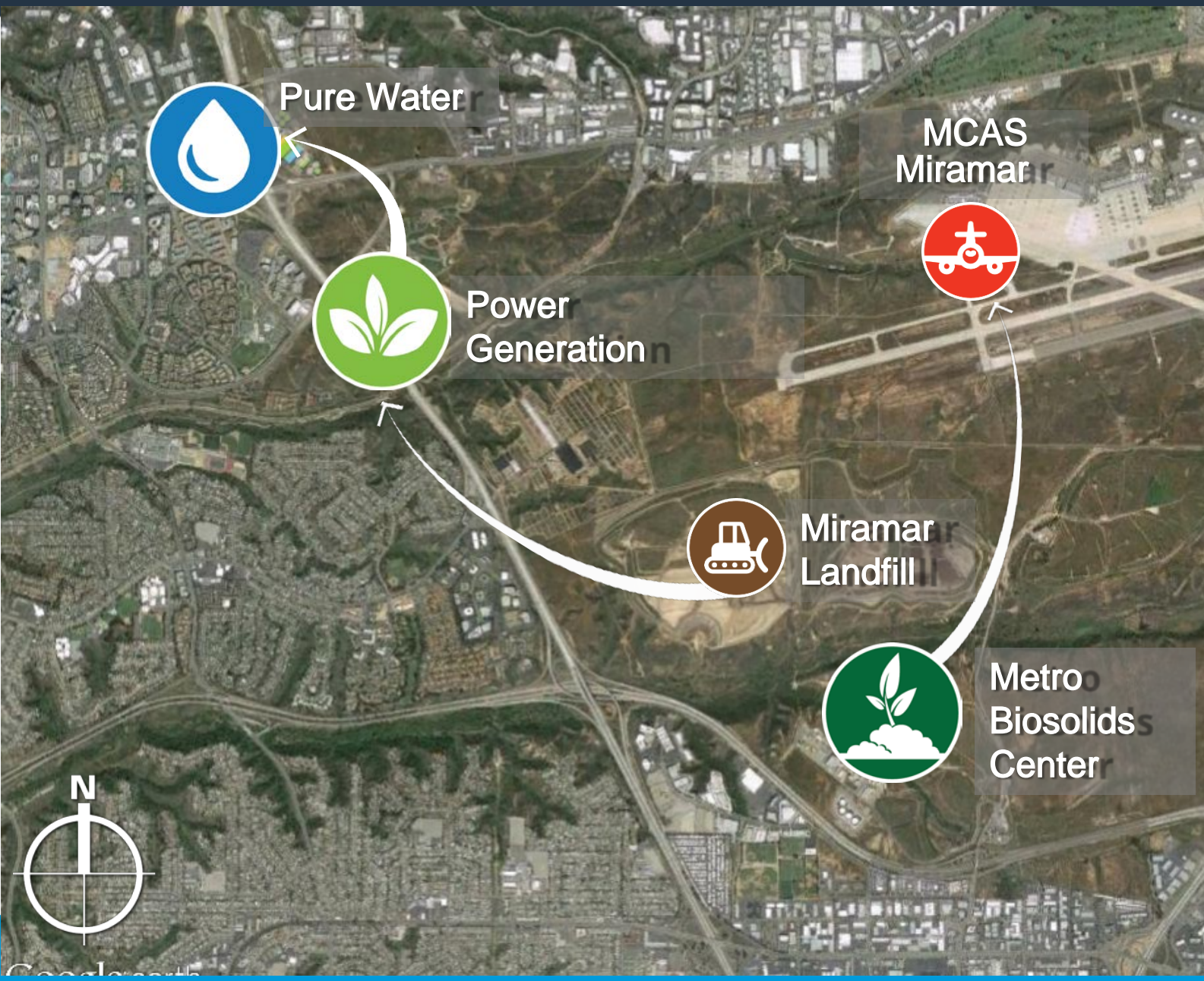


## ■ Community Working Groups

- Clairemont, Bay Park/Morena, Scripps Ranch/Miramar, University City
- Formed based on input from community planning groups and Council offices
- Meeting Schedule
  - *Series 1: June 22-28, 2018; Series 2: July 12-23, 2018; Series 3: July 26-August 2, 2018; Series 4: August 20-23*
- Topics
  - *Construction schedule; Dust and traffic control; Updates and notifications to residents; Street restoration; Operations; Points of contact*



# SD North City Power Generation Facilities Expansion



## Produces Renewable Energy:

- Supports GHG reduction
- ~16 MW

Activity	Timeline
Request for Statement of Qualifications (RFSQ)	April 2018
Interview Firms	May 2018
Short List Proposers	June 2018
Finalize RFP Terms and Conditions	January 2019
Renewable Energy Project Request for Proposals (RFP)	Q1 2019*

*\*Dependent on finalizing MOU between ESD and PUD and;  
Determining and finalizing terms and Conditions included in RFP*







# Pure Water Phase 1 Schedule

Project/Construction Package	\$Million*	Advertise	Notice to Proceed
<b><u>Morena Pump Station and Pipeline</u></b>			
Morena Pump Station	\$94.0	Jan-19	Aug-19
Morena Northern Pipeline & Tunnels	\$86.3	Feb-19	Aug-19
Morena Middle Pipeline	\$53.7	Mar-19	Sep-19
Morena Southern Pipeline & Water Main Replacements	\$78.6	Jan-19	Aug-19
<b><u>North City Water Reclamation Plant Expansion</u></b>			
Early Sitework and Ozone/BAC Relocation and NCPWF Clearing & Grubbing	\$14.5	Oct-18	Apr-19
NCWRP Expansion, Influent Pump Station and Pipeline	\$193.7	Mar-19	Oct-19
NCWRP Equalization Basin	\$9.7	Mar-19	Aug-19

\* Project cost estimates are based on Pure Water Program 100% design estimates. Costs are uninflated and are construction costs only, including field contingency estimates.

Attachment 10

MetroTAC

Work Plan/

Update

**Metro TAC Work Plan  
Active & Pending Items  
June 2018**  
*Updated Items in Red Italics*

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. The existing protocol is to be used through FY17. If changes are approved to the protocol they will be implemented in FY18. 1/17: Work group continues to meet monthly. 6/17: Working Group has complete their review. Three work items to be brought forward at June Metro TAC and during the next fiscal year quarter: 1) Edgar Patino will write memo to support decisions of working group. 2) PUD financial staff to provide workshop for PAs during next fiscal year quarter to go over strength based billing and how to understand sampling data and quarterly billings. Training session to be videotaped and uploaded to the JPA website 3) Dexter Wilson to provide draft protocol on how to read and validate quarterly billings. March 2018: PUD staff has prepared the draft memo and has distributed it to the working group 6/18: Memo presented to TAC and accepted as Protocol #3. Only remaining task is SBB training session.	Dennis Davies Dan Brogadir Al Lau Dexter Wilson Erin Bullers SD staff
PLWTP Permit Ad Hoc Working Group	1/17: Greg Humora and Scott Tulloch continue to meet with stakeholders. . 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 chairs the work group. 1/17: Work group continues to meet monthly. 4/17: Group has prepared draft RFP to hire engineering consultant to update Pt. Loma capacities. 7/17: Working Group is waiting for additional data from PUD staff and is finalizing the scope and selection of a consultant for the Pt. Loma Cost Capacity Study 10/17: Metro System Sewage Generated Flow projections worksheet handed out. Copy attached. 3/18: Working group continues to meet monthly; presentation made at March Metro TAC meeting. Agencies to review draft capacity numbers and provide comments by April Metro TAC meeting. 6/18: New capacity numbers developed and incorporated into draft Amendment.	Yazmin Arellano Roberto Yano Erin Bullers Eric Minicilli Al Lau Dexter Wilson Karyn Keese SD staff

**Metro TAC Work Plan  
Active & Pending Items  
June 2018**  
*Updated Items in Red Italics*

Active Items	Description	Member(s)
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. City of San Diego to consult with DC lobbyists on 2/4/17 6/17: Mayor Faulconer to meet with EPA Washington re: proceeding with Admin Fix. JPA to send letter stating that they do not support Admin Fix and request pursuit of permanent legislation instead. 10/17: SD is pursuing both Admin Fix and Secondary Equivalency legislation in Washington; Ad Hoc to monitor efforts. Updates to be provided by SD staff/consultants at each Metro Commission meeting.	Greg Humora Scott Tulloch
Pure Water Program Cost Allocation Working Group	A working group was formed to discuss Pure Water program cost allocation policies. 9/16: Concepts to be refined by Metro TAC and San Diego staff for presentation to Commission 1/17: 4/17: This group is currently being supported on a technical level by the Pure Water Facilities Subcommittee. 7/17: Working group is reviewing full PWP components list with PUD staff. 3/18: Cost allocation continues. Phase I cost allocation to be set based on outcome of bids for 13 PWP construction packages due to be bid in the fall of 2018. 6/18: Award of blanket contract approval by San Diego City Council moved to 10/2/18.	Greg Humora Scott Tulloch Roberto Yano Karyn Keese SD staff & consultants
Pure Water Program Cost Allocation Metro TAC Working 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; 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. 1/17: FYE 2015 to be issued in February 2017. FYE 2016 fieldwork is underway with anticipated draft 7/17. 3/17: FYE 2015 audit report issued. Acceptance pending resolution of PWP cost allocation for cost incurred in that fiscal year. 5/17: FYE 2015 audit to move forward as requested costs have been received. FYE 2016 audit field work complete. 6/17: FYE 2015 audit accepted by JPA with assurances that once the PWP cost allocation is complete and approved by all parties that incurred costs will be adjusted as necessary to approved split of shared costs between water and wastewater. FYE 2016 audit field work complete. Completion anticipated in October 2017. 10/17: FYE 2017 Exhibit E Audit has begun. 3/18: FYE 2016 audit completion date moved to 4/18. FYE 2017 preliminary draft number prior to fieldwork is showing an increase from \$65 million PA share to \$70 million. 6/18: Exhibit E 2016 audit completion projected to be 7/18.	Karyn Keese Karen Jassoy



**Metro TAC Work Plan  
Active & Pending Items  
June 2018**  
*Updated Items in Red Italics*

Active Items	Description	Member(s)
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 Karyn Keese Paula de Sousa Mills
Debt Allocation Working Group	3/18: Working group has been preparing an MOU and draft Amendment to the Regional Disposal Agreement to incorporate cost allocation "deal points" into a formal document. Draft MOU and Agreement has been reviewed by Ad Hoc and will go to Metro TAC at their March meeting. 6/18: Draft amendment is still under negotiation with San Diego staff. 5/14/18 version presented to Metro TAC and JPA/Commission.	Greg Humora Roberto Yano Scott Tulloch Dexter Wilson Karyn Keese Paula de Sousa Mills Nicholas Norvell
IRWMP	8/15 RAC minutes included in August Metro TAC agenda. Padre Dam received a \$6 million grant for their project. 9/16: June 2, 2016 and August 3, 2016 minutes presented to Metro TAC. 12/16: Roberto Yano and Yazmin Arellano appointed to IRWMP. 5/17: Roberto Yano providing monthly updates as well as grant funding opportunities 6/17: Robert Yano urged Metro TAC members to visit the IRWMP website to keep on top of funding opportunities: <a href="http://www.sdirwmp.org">http://www.sdirwmp.org</a> ; Yazmin to attend June meeting. 10/17: Roberto Yano requested comments from TAC on storm water presentation to be provided to IRWMP 10/17: Yazmin gave update on Prop 1 and other funding sources. Members should monitor funding opportunities at: <a href="http://www.sdirwmp.org">http://www.sdirwmp.org</a>	Roberto Yano Yazmin Arellano
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
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

# Metro TAC

## Participating Agencies

### Selection Panel Rotation

Agency	Representative	Selection Panel	Date Assigned
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	Design Metropolitan Biosolids Center (MBC) Improvements Pure Water Program	9/10/2016
La Mesa	Greg Humora	Design of Metropolitan Biosolids Center (MBC) Improvements	9/22/16
Poway	Mike Obermiller	Electrodialysis Reversal (EDR) System Maintenance	12/7/16
El Cajon	Dennis Davies	As-Needed Construction Management Services for Pure Water	3/13/17
Lemon Grove	Mike James	Morena Pipeline, Morena Pump Station, Pure Water Pipeline and Dechlorination Facility, and the Subaqueous Pipeline	8/7/17
National City	Vacant	North City and Miramar Energy Project Landfill Gas and Generation- Pass	1/31/2018
Coronado	Ed Walton	North City and Miramar Energy Project Landfill Gas and Generation	1/31/2018
Otay Water District	Bob Kennedy	As Needed Engineering Services - Contracts 3 and 4 (H187008 & H187009)	2/16/2018
Del Mar	Joe Bride	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure Water – 1 <sup>st</sup> email sent on 5/23/18 & 2 <sup>nd</sup> email sent on 5/29/18	5/23/18
Padre Dam	Al Lau	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure Water (Mark Niemiec will participate)	5/31/18
County of San Diego	Dan Brogadir		

**Metro TAC Work Plan  
Active & Pending Items  
June 2018**  
*Updated Items in Red Italics*

Active Items	Description	Member(s)
Muni Transportation Rate Study Working Group	San Diego has hired Carollo Engineers to review the existing transportation rate structure. A work group has been formed to review and give input. First meeting will be in December 2017. Although this is a muni issue it is included on the work plan due to its significance and potential effect on all Metro TAC members. 3/18: Technical consultants to meet with PUD staff and Carollo on 3/22/18 to review model in detail 6/18: JPA technical consultants continue to work with PUD staff on understanding rate calculations	Roberto Yano Dan Brogadir Erin Bullers Mark Niemiec Yazmin Arellano Dexter Wilson Karyn Keese Carmen Kasner SD staff
Point Loma Permit Ad Hoc TAC	Metro Commission/JPA Ad Hoc established 9/17. GOAL: Create regional water reuse plan so that both a new, local, diversified water supply is created AND maximum offload at Point Loma is achieved to support legislation for permanent acceptance of Point Loma as a smaller advanced primary plant. Minimize ultimate Point Loma treatment costs and most effectively spend ratepayer dollars through successful coordination between water and wastewater agencies. 10/17: Group has met several times. Discussions are ongoing. 3/18: Group continues to meet at least monthly. 6/18: Group continues to meet monthly. Outreach subgroup formed.	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Steve Padilla Metro TAC staff & JPA consultants
Pure Water EIR Comment Ad Hoc Sub Committee	Created at September 2017 Metro TAC meeting. Purpose to provide technical review of the Pure Water Program EIR and provide draft comments for Metro TAC/JPA review. 10/17: Dexter Wilson & Carmen Kasner reviewed their comments w/Metro TAC. They will forward comments to Chair Humora & he will forward to San Diego. 3/18: Comments submitted to EIR staff. Response from San Diego does not address all issues. Technical consultants and Ad Hoc working with City staff on issues. 6/18: One lawsuit filed by La Jolla Planning Group against the EIR. San Diego extends JPA tolling agreement for 60 days.	Roberto Yano Dexter Wilson Carmen Kasner Lisa Coburn-Boyd Paula de Sousa Mills
Pure Water Facilities Working Group	This subcommittee was formed by Metro TAC and is a technical group of engineers and supporting financial staff to work with San Diego staff and consultants on cost allocations for proposed Pure Water facilities. This group meets at least monthly. Current projects include North City and MBC expansions. First meeting was 3/24/17. Roberto Yano is the chair. 5/17: Group continues to meet monthly with PUD and PWP consultants. Reviewed and accepted cost allocation for MBC. 7/17: Facilities WG has submitted their comments to the City of SD on the 30% design of the North City Expansion Project. They are working cooperatively with PUD staff and consultants in the review of the design and their comments. 9/17: Positive progress, reviewed Construction package 1 and 3 and provided comments 10/17: Continued work w/SD on cost allocation of major PWP facilities. Projected draft cost allocation document in November/December 2017. 3/18: Working group have reviewed all four construction design packages and has turned in comments & questions to PUD staff. Work on cost allocation continues. 6/18: Continued review of designs & questions.	Yazmin Arellano Dan Brogadir Steve Beppler Al Lau Scott Tulloch Dexter Wilson Roberto Yano SD staff & consultants

Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
La Mesa	Greg Humora		
Poway	Mike Obermiller		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Al Lau		
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**Sewer Rate Comparison for Metro Participating Agencies**  
**Single Family Monthly Rates Based on 7 HCF of Water Usage**  
**Effective July 1, 2018 for FY 2019**

