



Regular Meeting of the Metro Commission and Metro Wastewater JPA

AGENDA

Thursday March 5, 2020 - 12:00 p.m.

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

"The Metro JPA's mission is to create an equitable partnership with the San Diego City Council and Mayor on regional wastewater issues. Through stakeholder collaboration, open dialogue, and data analysis, the partnership seeks to ensure fair rates for participating agencies, concern for the environment, and regionally balanced decisions."

Note: Any member of the Public may address the Metro Commission/Metro Wastewater JPA on any Agenda Item. Please complete a Speaker Slip and submit it to the Administrative Assistant or Chairperson prior to the start of the meeting if possible, or in advance of the specific item being called. Comments are limited to three (3) minutes per individual.

Documentation
Included

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE TO THE FLAG
3. PUBLIC COMMENT
Persons speaking during Public Comment may address the Metro Commission/ Metro Wastewater JPA on any subject matter within the jurisdiction of the Metro Commission and/or Metro Wastewater JPA that is not listed as an agenda item. Comments are limited to three (3) minutes. Please complete a Speaker Slip and submit it prior to the start of the meeting.
- X 4. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETING OF [February 6, 2020](#) (**Attachment**)
- X 5. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE A FIVE-YEAR AGREEMENT WITH EMERSON PROCESS MANAGEMENT COMNET (DCS) (**Attachment**) (Cyrus Moaveni)
- X 6. **INFORMATION:** CONSIDERATION FOR SENDING A LETTER FROM THE JPA TO THE CITY OF SAN DIEGO REGARDING PURE WATER SAN DIEGO CONSTRUCTION CONTRACTS (**Attachment**) (Robert Kennedy – Otay Water District)
- X 7. METRO TAC UPDATE/REPORT (Standing Item) (**Attachment**) (Roberto Yano)
8. CITY OF SAN DIEGO SECONDARY EQUIVALENCY LEGISLATION (Standing Item) (Shauna Lorange)

March 5, 2020

Metro Commission/Metro
Wastewater JPA Special
Meeting Agenda

9. PURE WATER PROGRAM UPDATE (Standing Item) (Shauna Lorange)
- X 10. PURE WATER PHASE 2 UPDATE (**Attachment**) (Doug Owen)
11. IROC UPDATE (Standing Item) (Jerry Jones)
12. PURE WATER AD HOC COMMITTEE UPDATE (Standing Item) (Jerry Jones)
13. FINANCE COMMITTEE (Standing Item) (John Mullin)
14. REPORT OF GENERAL COUNSEL (Standing Item)
15. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING **April 2, 2020**
16. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS
17. CLOSED SESSION: CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION – INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(4) – One (1) potential case (General Counsel)
18. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA

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

Materials provided to the Metro Commission and/or Metro Wastewater JPA related to any open-session item on this agenda are available for public review by contacting L. Peoples at (619) 548-2934 during normal business hours.

***In compliance with the
AMERICANS WITH DISABILITIES ACT***

The Metro Commission/Metro Wastewater JPA requests individuals who require alternative agenda format or special accommodations to access, attend, and/or participate in the Metro Commission/ Metro Wastewater JPA meetings, contact E. Patino at (858) 292.6321, at least forty-eight hours in advance of the meetings.

Metro JPA 2020 Meeting Schedule

January 2, 2020	February 6, 2020	March 5, 2020
April 2, 2020	May 7, 2020	June 4, 2020
July 2, 2020	August 6, 2020	September 3, 2020
October 1, 2020	November 5, 2020	December 3, 2020

Attachment 4
Action Minutes
of
February 6,
2020



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

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

**February 6, 2020
Minutes**

Chairman Jones called the meeting to order at 12:07p.m. A quorum of the Metro Wastewater JPA and Metro Commission was declared, and the following representatives were present:

1. ROLL CALL

<u>Agencies</u>	<u>Representatives</u>	<u>Alternate</u>
City of Chula Vista	Jill Galvez	
City of Coronado	Whitney Benzian	
City of Del Mar	Sherryl Parks	
City of El Cajon	Gary Kendrick	
City of Imperial Beach	Ed Spriggs	
City of La Mesa	Bill Baber	
Lemon Grove San District	Jerry Jones	
City of National City	Ron Morrison	
City of Poway	John Mullin	
County of San Diego	Dianne Jacob	(No representative)
Otay Water District	Mark Robak	
Padre Dam MWD	Jim Peasley	
Metro TAC Chair	Roberto Yano	

Others present: Metro JPA Assistant General Counsel Nicholas Norvell - BBK Law; Metro JPA Secretary Lori Anne Peoples; Beth Gentry – City of Chula Vista; Ed Walton – City of Coronado; Joe Bride – City of Del Mar; Yazmin Arellano – City of El Cajon; Eric Minicilli – City of Imperial Beach; Hamed Hashemian – City of La Mesa; Mike James – Lemon Grove Sanitation District; Roberto Yano – City of National City; Bob Kennedy – Otay Water District; Allen Carlisle, Augie Scalzitti – Padre Dam Municipal Water District; Jessica Parks – City of Poway; Edgar Patino - City of San Diego Public Utilities; Juan Guerreiro – City of San Diego and Christine Leone – Chief Deputy City Attorney, City of San Diego; Dan Brogadir – County of San Diego; Carmen Kasner & Scott Tulloch – NV5 and Dexter Wilson – Dexter Wilson Engineering

2. PLEDGE OF ALLEGIANCE TO THE FLAG

Vice Chair Peasley, Padre Dam Municipal Water District led the pledge.

3. PUBLIC COMMENT

None

4. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE MINUTES OF THE REGULAR MEETING OF NOVEMBER 7, 2019

ACTION: Motion by Vice Chair Peasley, seconded by Commissioner Robak to approve the Minutes. The motion carried unanimously.

5. METRO TAC UPDATE/REPORT

MetroTAC Chair Yano stated that the first meeting of MetroTAC is scheduled for February 19, 2020.

6. CITY OF SAN DIEGO SECONDARY EQUIVALENCY LEGISLATION

Juan Guerreiro, Assistant Director City of San Diego Public Utilities Department stated that he had no update and that they were still looking into details.

7. PURE WATER PROGRAM UPDATE

Juan Guerreiro, Assistant Director City of San Diego Public Utilities Department stated that they were still working through the PLAs and the next court date was February 28, 2020 for the City of San Diego and AGC litigation. The SDG&E litigation was just filed, and the timeframe is currently unknown.

8. IROC UPDATE

Chair Jones stated the annual report had been completed and was being sent to the San Diego City Council.

9. PURE WATER AD HOC COMMITTEE UPDATE

Chair Jones stated that the committee was still on hold.

10. FINANCE COMMITTEE REPORT

Finance Committee Chair Mullin stated the committee would not be meeting until approximately April.

11. REPORT OF GENERAL COUNSEL

Assistant General Counsel Norvell stated that SB 332 – Ocean Discharge Ban had become a 2-year bill last year but will no longer proceed during this year's legislative session.

12. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER SPECIAL JPA MEETING December 5, 2019

None

13. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

Chair Jones stated that Commissioner Jill Galvez was now the primary member of the JPA for Chula Vista as Councilmember Padilla had been elected to the Coastal Commission.

Commissioner Morrison of National City stated he had been re appointed as Primary for National City.

Commissioner Robak announced that the new General Manager for Otay Water District was Jose Martinez.

Secretary Peoples reminded all members that it was time once again to file their 700 Statement of Economic Interest Forms.

Commissioner Baber recused himself from participating in Closed Session out of an abundance of caution and left the meeting at 12:15 p.m.

Brad Barnum, representing AGC, addressed the JPA before Closed Session. He asked the JPA to consider joining AGC to encourage the City of San Diego to settle pending Pure Water litigation and to oppose AB 1290 regarding labor requirements on the Pure Water program.

**14. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
INITIATION OF LITIGATION PURSUANT TO GOVERNMENT CODE SECTION
54956.9(D)(4), One (1) potential case**

Assistant General Counsel Norvell announced the Closed Session.

The JPA entered into Closed Session at 12:20 p.m..

At 12:57 p.m. the JPA reconvened with all members except Commissioner Baber present and Assistant General Counsel Norvell announced there was no reportable action.

15. ADJOURNMENT

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

Recording Secretary

Attachment 5
5-Year
Agreement
with Emerson
Process
Management
COMNET
(DCS)

Distributed Control Systems Upgrades (Emerson Contract)

Metro JPA Commission

March 5, 2020

Public Utilities Department

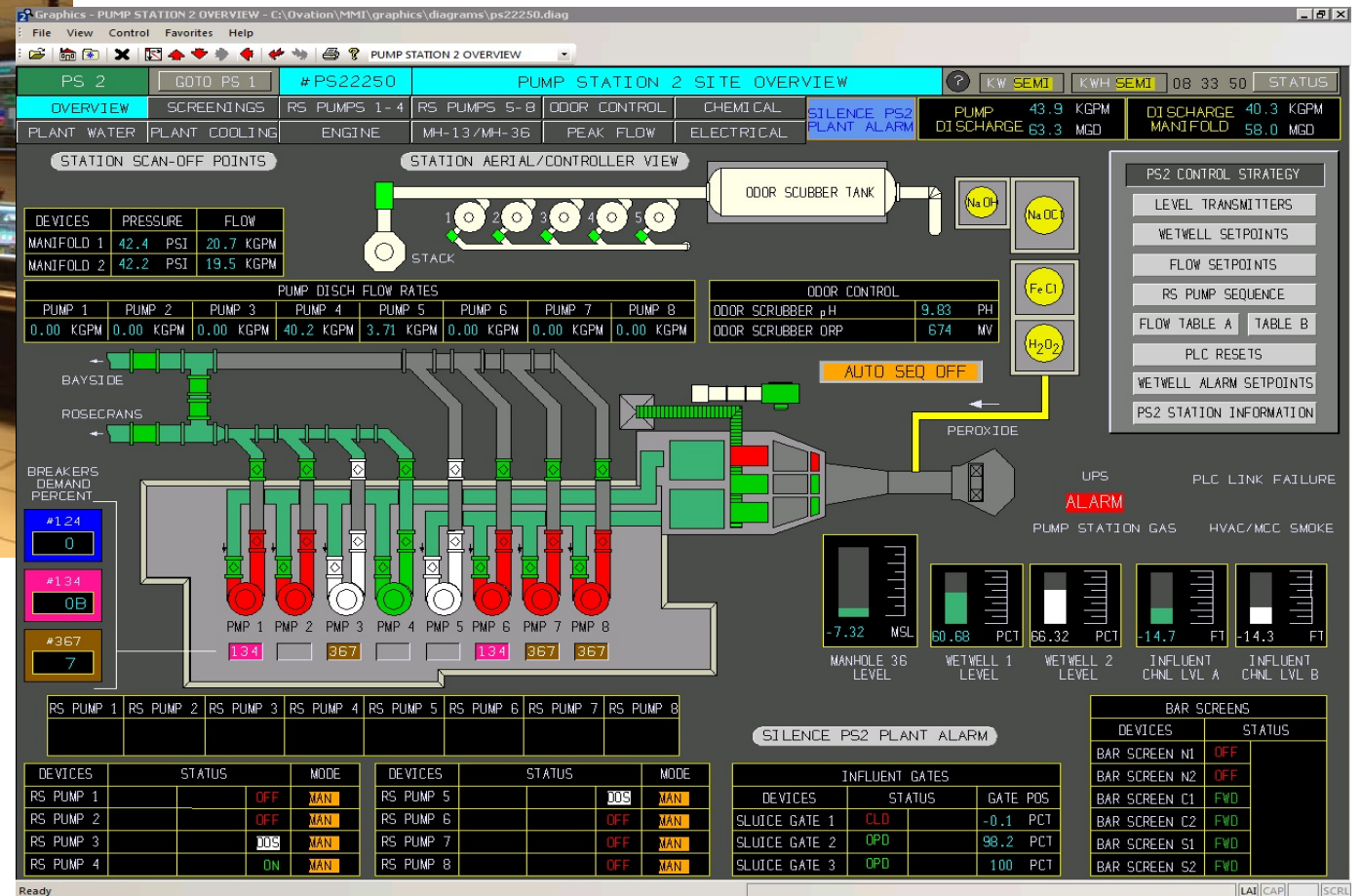


WWTD - Distributed Control System Upgrades

BACKGROUND

- PUD employs a Distributed Control System (DCS) for its Wastewater Treatment and Disposal (WWTD) Division's facilities' operation (treatment plants and pump stations)
- DCS is a system of sensors, controllers, and associated computers that are distributed throughout each plant and each element serves a unique purpose such as data acquisition, process control, as well as data storage and graphical display
- The initial Division-wide control system (also referred to as COMNET, for Cleanwater Operations Management Network) was designed, installed and commissioned in the late 1990's as a part of Clean Water, through a low bid award to Westinghouse Process Control (now Emerson Process Management)
- Original implementation and commissioning was approximately for \$120M and additional investments made on new facilities, system expansion and upgrades since, have increased the investment in this system to around \$200M
- Upgrades and continued investments in the system are urgently needed as component and system failures are occurring at an alarming rate

WWTD - Distributed Control System Upgrades



WWTD - Distributed Control System Upgrades

PURPOSE

- Authorization to execute a five (5) year as-needed agreement, with five (5) additional one-year options, with Emerson Process Management Power and Water Solutions (not to exceed \$30M)
- Continue to provided control systems integration, technical support
- Strengthen the DCS software and cyber security aspects, including intrusion detection capability, in accordance to recommendations made by the City Auditor
- Upgrade hardware components (Input/Output/Comm modules, servers, controllers, etc.)
- Carry out recommended actions from the completed Disaster Recovery Plan
- Leverage expertise of staff and Emerson to execute identified project and address any gaps between existing system and Pure Water project (also Emerson platform)

WWTD - Distributed Control System Upgrades

PROCESS

- Ten (10) year Sole Source Agreement was requested by PUD/WWTD and approved (June 2019) by Purchasing and Contracting Department. Note the actual agreement is for five (5) years with five (5) one-year options
- An separate Service Agreement with Emerson was negotiated and executed in November 2019
- Staff has negotiated a Unit Pricing Agreement (UPA) with Emerson covering all products and services at pre-negotiated discounts (UPA is an Exhibit to the November 2019 Service Agreement)
- Staff has identified a list of priority projects, with the Point Loma WWTP and North City WRP as the highest priority, and has already engaged Emerson in pre-planning
- A COMNET Master Plan will be completed before end of five (5) year base initial phase
- Seek City Council approval for the Emerson contract to initiate the DCS Upgrade work

Questions?

Attachment 6
Letters to City
of San Diego
Regarding
Pure Water
Construction
Contract

DRAFT

December 9, 2019

The Honorable Kevin L. Faulconer, Mayor of San Diego
The Honorable Members of the San Diego City Council
City of San Diego
202 C Street, 11th Floor
San Diego, CA 92101

SUBJECT: Pure Water San Diego Construction Contracts for the Morena Drive
Pump Station and the North City Water Reclamation Plant Expansion

Dear Mayor Faulconer and the Honorable Members of the San Diego City Council:

The public agencies that make up the Metro Commission Joint Powers Authority ("Metro JPA") have a long and productive history of working together with the City of San Diego ("City") to address regional issues of wastewater treatment, disposal, and reuse. Since the early 1990s and the development of the City's Clean Water Program, our agencies have consistently supported and engaged in partnering with the City to develop a successful strategy that will lead to long-term compliance by the Metro system with the federal Clean Water Act of 1972 ("CWA"). Although the Participating Agencies ("PAs") of the Metro JPA have a contractual relationship with the City, and the Metro JPA has an advisory relationship to the City, we believe the Metro System is a partnership between all our agencies. It is a partnership that rests on the foundation of a cooperative business relationship in the best interest of all our ratepayers.

In October 2014, the Metro JPA passed a resolution supporting an application for a modified National Pollutant Discharge Elimination System ("NPDES") permit, which allowed the City to avoid the secondary treatment mandate otherwise required for Point Loma Wastewater Treatment Plant (Point Loma) to comply with the Clean Water Act, and which had the goal of producing at least 15 MGD of potable reuse water subject to the legislative approval of secondary equivalency for Point Loma. The Metro JPA strongly supports the efforts and goals of Pure Water and is deeply invested in its success and the multiple benefits it will bring to the region. Our support for Pure Water and appreciation of the City staff's hard work in achieving such noteworthy progress does not relieve our agencies of the fiduciary responsibility we all have to our individual ratepayers. Therefore, as partners with the City in the Metro System, we raised several concerns in a letter dated October 25, 2016, a copy of which is enclosed, regarding significant

The Honorable Kevin L. Faulconer, Mayor of San Diego
The Honorable Members of the San Diego City Council
Pure Water San Diego Construction Contracts for the Morena Drive Pump Station and
the North City Water Reclamation Plant Expansion
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changes the City has made to the timing, cost, and scope of the first phase of Pure Water to what was contemplated in the Metro JPA's October 2014 Resolution. The Pure Water program has been increased to 30 MGD for Phase I, resulting in significant wastewater financial impacts sooner than was previously expected.

There are outstanding issues that were raised in the October 25, 2016 letter, that must be resolved before wastewater expenditures for the construction of the Morena Drive Pump Station/Pipelines and the North City Water Reclamation Plant ("NCWRP") expansion begin. At the Metro JPA special meeting of October 20, 2016, a motion was passed that stated:

"Prior to wastewater expenditures for these two projects to the Metro System, the Metro JPA requests the following:

- Agreement on a water/wastewater cost allocation framework for the Pure Water Program with the Participating Agencies;
- Development and deployment of an agreed legislation strategy to obtain secondary equivalency for Point Loma;
- A financing plan for Pure Water Program expenditures;
- Evaluation of the regulations for the implementation of the Pure Water Program."

Now, three years later, some progress has been made on the regulations for the implementation of the Pure Water Program; however, progress on the cost allocation has been stalled with two agencies that have still not signed the Amended and Restated Regional Wastewater Disposal Agreement Between the City of San Diego and the Participating Agencies in the Metropolitan Sewerage System ("Amended Metro Agreement"). In addition, the financing plan is still just a rough outline and only recently was legislation introduced to obtain secondary equivalency for Point Loma.

Because current law does not recognize the form of secondary equivalency that the City envisions, i.e., one that will allow Point Loma to be permitted like any other secondary treatment facility with no requirement for modified permits or waivers, either an amendment to the CWA or some other legislation is needed. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) and the U.S. Environmental Protection Agency (USEPA), Region IX, issued the renewal of the variance from federal secondary treatment standards for Point Loma on October 1, 2017, and this waiver expires on September 30, 2022. In a little over six months from now, the City will begin the waiver process all over again, without the appropriate federal legislation in place, without having started construction on facilities for the Pure Water project that the City committed to completing by July 31, 2022, and without having initiated equipment testing and commissioning that the City committed to completing by August 1, 2022.

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The City and the Metro JPA agree that if the modified permit for Point Loma is revoked or not renewed, the upgrade to the Point Loma facilities will cost at least \$1.8 billion, based on the City's cost estimate. The Metro JPA agrees this is a fair and comprehensive estimation of the costs that will be incurred by the Metro System to comply with the current legal requirements. The basis of the Metro JPA's support for the City's Pure Water Program is the ability to avoid incurring the costs for a secondary upgrade to Point Loma. The City is asking its ratepayers and the Metro JPA ratepayers to gamble billions of dollars on the possibility that Congress will timely change the statute, and it is exposing itself and the Metro JPA to litigation for violating Propositions 26 and 218 (Cal. Const. Articles XIII C and D). Article XIII C requires, among other things, that the amount charged to ratepayers is not more than necessary to cover the reasonable costs of the governmental activity and that the costs allocated to ratepayers bear a fair and reasonable relationship to the benefit received. Without a clear benefit to wastewater ratepayers, the allocation of Pure Water costs to wastewater customers would constitute a subsidization of water ratepayers by wastewater ratepayers and would likely expose the City to litigation for violating Article XIII C of the California Constitution.

Prior to November 2019, the costs for Pure Water were already very high, and the recent delay of the project is driving construction costs even higher. This has been caused by the last-minute addition of a two-page City Memorandum, dated November 15, 2019 entitled, "Pure Water San Diego – Proposed Construction Contract Requirements", which recommends the inclusion of a condition requiring a "Joint Labor Management Apprenticeship Program" for both the North City Water Reclamation Plant contract and the contract for the Advanced Water Treatment Facility that was approved by the City Council on November 15, 2018 ("November 15 Memo"). The November 15 Memo's language increases the costs for three of the eleven contracts that were packaged for bidding for Phase 1 Pure Water construction contracts. The City's attorney noted recently, at a Metro JPA meeting, that a simple modification could have been made to these three contracts after a legal challenge was filed, that would have kept the Pure Water project on schedule and within budget.

With the support of the City, the Governor approved Assembly Bill No. 1290 on October 11, 2019. This requires contractors to enter into a project labor agreement (PLA) on any portion of the City's Pure Water projects that receive grants or revolving fund loans from the state. AB 1290 is already being challenged in the courts and it could take many months or years to get this resolved. In the meantime, by the City's own estimates, this delay is increasing the cost of the projects by \$4 million a month. The added cost of a PLA is estimated to increase costs, again by the City's own estimates, from 6% to 25%. The combined impacts of the November 15 Memo to the Pure Water construction costs is staggering. Further, the Metro JPA will not pay for the inclusion of union friendly language added by the City to its Pure Water contracts, as the language was included without the support of the Metro JPA. Now all eleven of the Pure Water contracts must

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have a PLA. The cost increase, as a result of the PLA and construction delays, will also not change the \$1.8 billion cap on the avoided costs of the secondary upgrade to Point Loma that the City and the Metro JPA agreed to in the Amended Metro Agreement. These added costs to the Pure Water project only increase the price of the water and sewer service for the City's customers and jeopardizes the Pure Water Program. The City will need to justify to their water and sewer customers the value of these grants and revolving loans to the Pure Water project against the added costs of the PLA and the added costs for the delay in construction.

The delay in the Pure Water project and the high rate of turnover of City staff is also impacting the implementation of both Phase I and Phase II. Several elements of Phase I are behind schedule including the approval of the Amended Metro Agreement, which includes a cost allocation structure and the construction cost impacts to the PAs for Phase I and for Phase II. The progress of Phase II cost estimates and cost allocations are already over a year behind schedule. As a result of all of these factors, the decision date of December 31, 2019, in Section 2.33 of the Amended and Restated Agreement, which specifies the date by which PAs must enter into an agreement with the City to modify their flow commitment and projected average daily flow, must be extended by at least two years, perhaps even longer, until the City catches up with its commitments to Pure Water.

We strongly believe it is necessary to address the issues we noted in this letter and in previous correspondence dated October 25, 2016, and that all partners in the Metro system continue to work together to establish a solution that is in the best interest of all of our ratepayers. We look forward to continuing to work cooperatively with the City to move forward on Pure Water.

Thank you for your prompt attention.

Sincerely,

Enclosure: Letter from Metro Wastewater JPA, dated October 25, 2016-San Diego City Council Item #102 and #104



October 25, 2016

Honorable Mayor Kevin L. Faulconer and the San Diego City Council
City of San Diego
202 C Street
San Diego, CA 92101

Re: October 25, 2016-San Diego City Council Item #102 and #104
Pure Water San Diego Design Contracts for the Morena Drive Pump Station and the North
City Water Reclamation Plant Expansion

Dear Honorable Mayor and City Council Members:

The public agencies that make up the Metro Commission/JPA have a long and productive history in working together with the City to address regional issues of wastewater treatment, disposal and reuse. Since the early 1990s and the development of the City's Clean Water Program our agencies have consistently supported and engaged in partnering with the City to develop a successful strategy that will lead to long term Clean Water Act compliance for the Metro system. Although the Participating Agencies have a contractual relationship with the City and the Metro Commission has an advisory relationship to the City, we believe the Metro System is a partnership between all our agencies. It is a partnership that rests on the foundation of a cooperative business relationship in the best interest of all our ratepayers.

In October 2014, the Metro Commission/JPA passed a resolution supporting the Point Loma Wastewater Treatment Plant NPDES Modified Permit application. The application included the goal of producing at least 15 mgd of potable reuse water subject to the legislative approval of secondary equivalency for Point Loma. The Metro Commission/JPA strongly supports the efforts and goals of Pure Water and is deeply invested in its success and the multiple benefits it brings to the region. Our support for Pure Water and appreciation of the hard work of City staff in achieving such noteworthy progress does not relieve our agencies of the fiduciary responsibility we all have to our individual ratepayers. As partners with the City in the Metro System we must raise several concerns we have regarding significant changes the City has made to the timing, cost and scope of the first phase of Pure Water from what was contemplated in the Commission/JPA's October 2014 Resolution. We believe these concerns must be addressed before the Metro Commission/JPA can respond to the City staff's request to approve the \$33 Million cost of the above referenced design contracts.

Neither the Morena Drive pump station nor the North City Water Reclamation Plant expansion was envisioned in 2014 to be needed for the first 15 mgd phase of the Pure Water Program. The first Phase of Pure Water would take advantage of the past investments made at the North City Water Reclamation Plant. The Pure Water program has been increased to 30 mgd for phase one resulting in significant wastewater financial impacts sooner than was previously expected. At the Metro Commission/JPA special meeting of October 19, 2016 a motion was passed that stated:

The Joint Powers Authority Proactively Addressing Regional Wastewater Issues


Prior to wastewater expenditures for these two projects to the Metro System, the Metro Commission/JPA requests the following:

- Agreement on a water/wastewater cost allocation framework for the Pure Water Program with the Participating Agencies
- Development and deployment of agreed legislation strategy to obtain secondary equivalency for Point Loma
- A financing plan for Pure Water Program expenditures
- Evaluation of the regulations for the implementation of the Pure Water Program

As mentioned previously, the Metro Commission/JPA strongly supports the Pure Water Program including 15 mgd of potable reuse for phase 1. We also recognize the City of San Diego staff efforts to explain why these facilities not previously contemplated for the first phase of Pure Water, are now required. Without the assurances noted above the financial impacts of these changes and the uncertainty over regulatory compliance exposes wastewater ratepayers to additional risk.

We understand the City's desire to move expeditiously on these items but we strongly believe it is necessary to address the issues we noted. We believe it is important that all partners in the Metro System continue to work together to arrive at the best solution that is in the interests of all our ratepayers. We look forward to continuing to work cooperatively with the City to move forward on Pure Water.

Sincerely,


James Peasley, Chair

Attachment 7

MetroTAC

Update/Report

Metro TAC & JPA Work Plan
Active & Pending Items
February 2020
Updated Items in Red Italics

Active Items	Description	Member(s)
Strategic Plan Ad Hoc	<i>The JPA last updated their strategic plan in 2015. The Ad Hoc was formed to determine should there be a 2019 strategic plan update and if so what format it should follow. First meeting held June 2019. Two work sessions to be held in August are planned with the goal of presenting a draft 2019 Strategic Plan to the JPA in October 2019.</i>	Whitney Benzian Jerry Jones Gary Kendrick John Mullin Ed Spriggs JPA staff
SB 332 Working Group	<i>SB 332 (Hertzberg/Weiner) relates to wastewater treatment for recycled water and agencies with ocean outfalls. It requires the entity that owns the wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers (it defines water not wastewater suppliers) to reduce the facilities annual flow as compared to the average annual dry weather wastewater discharge baseline volume as prescribed by at least 50% on or before January 1, 2030 and by at least 95% on or before January 1, 2040. The working group was formed to track the process of this legislation.</i>	Yazmin Arellano Beth Gentry Hamed Hashemian
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 1/19: Working group still meeting with PUD staff & consultants. 6/19: Working Group has presented an alternative plan in November 2018 which the City and their consultants are reviewing.	Roberto Yano Yazmin Arellano Dan Brogadir Carmen Kasner Mark Niemiec Dexter Wilson SD staff
Point Loma Permit Ad Hoc	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. 1/19: This group continues to meet as needed.	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Steve Padilla Metro TAC staff & JPA consultants
Phase II Pure Water Facilities Working Group	Created to work with SD staff & consultants on determining Phase II facilities. 1/19: Work group has eliminated two alternatives and continues to review updated facilities and their costs. Presentation to Metro TAC by Stantec re: Phase 2 Flows and Loads. Copy attached to Metro TAC minutes. 6/19: Phase II alternative presented to Metro TAC in May and JPA in June 2019. Copy of presentation can be found in minutes to those meetings. Alternatives narrowed to two main alternatives.	Roberto Yano Seval Sen Scott Tulloch Dexter Wilson SD staff & consultants

Metro TAC & JPA Work Plan
Active & Pending Items
February 2020
Updated Items in Red Italics

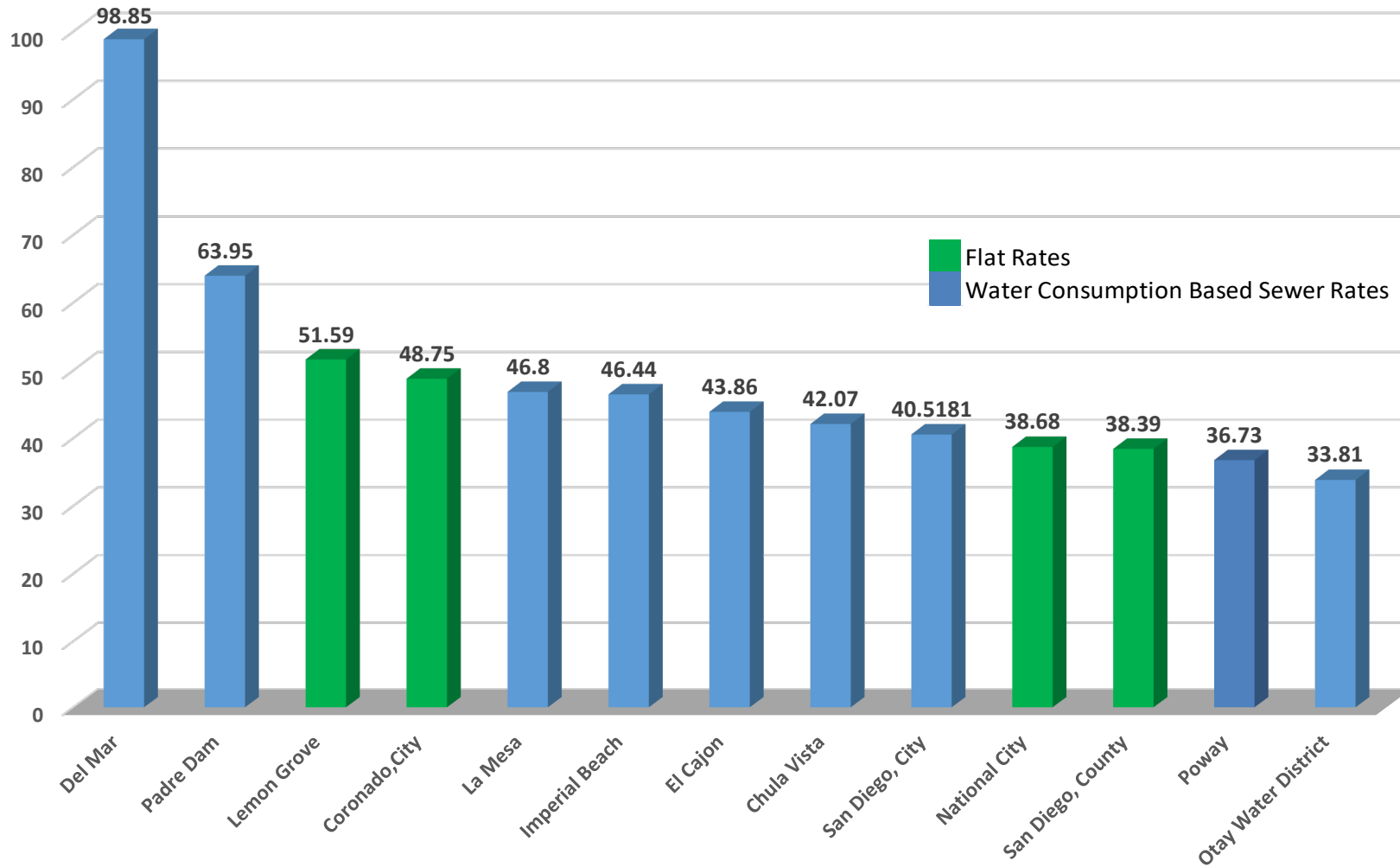
Active Items	Description	Member(s)
Residuals Management Working Group	This working group was formed to continue work on Sections 2.9.2 and 2.9.3 of the Amended and Restated Agreement regarding the potential transfer of the East Mission Gorge Pumps Station and the disposal, treatment, or transfer of residuals. 1/19: Group continues to meet. 3/19: Working Group has been meeting w/Padre Dam, Coronado, & Otay. 6/19: Draft agreement has been prepared and is being reviewed/refined.	Eric Minicilli Yazmin Arellano Dan Brogadir Seval Sen Scott Tulloch Dexter Wilson SD staff & consultants
Phase I Financial Implementation Working Group	This working group was formed to continue to work on Section 2.9.1 and other financial implementations issues associated with the Amended Restated Agreement. 1/19: Working group had formation meeting. Has prepared draft task list and task assignments for group members and SD staff. Will meet at least monthly until tasks are complete. Ownership of EMGPS determined. Appraisal in complete. 6/19: Group will start meeting in July 2019 on a regular basis.	Roberto Yano Karyn Keese Dexter Wilson SD staff & consultants
Phase II Disposal Agreement Working Group	This group replaces the Debt Allocation Working Group with the approval of the Amended and Restated Agreement for Phase 1. 1/19: Group will start meeting in February.	Roberto Yano Karyn Keese Scott Tulloch Dexter Wilson SD staff & consultants
Pretreatment Working Group	Formed to work with San Diego on new standards for industrial waste discharge. 1/19: SD has received draft report from consultant but has sent back for revisions. Second draft will be reviewed by working group. 6/19: Working group has met and reviewed draft of report. Presentation made by Stantec of recommendations to Metro TAC. Copy attached to June agenda.	Yazmin Arellano Mark Niemiec Ed Walton Beth Gentry Dexter Wilson SD Staff & Consultants
JPA Website Update Working Group	The JPA Website, especially the New Director Manual, has not been updated for several years. As we have several new Directors, the manual needs to be updated. 1/19: Working group formed. First meeting 2/20/19. 6/19: Group continues to meet and work on updating website. Goal is to totally revise New Director's Manual by end of October once Strategic plan is completed.	Roberto Yano Karyn Keese Lori Peoples Susan Spotts
Exhibit E Audit	<i>1/19: FYE 2017 fieldwork complete. 3/19: FYE 2018 entrance conference complete. Sample selection complete. 6/19: FY 2018 fieldwork completed week of June 17, 2019.</i>	Karen Jassoy Karyn Keese Dexter Wilson
IRWMP	Members should monitor funding opportunities at: http://www.sdirwmp.org 1/19: PA representatives continue to report monthly at Metro TAC 3/19: Minutes from 3/20/19 Meeting attached to work plan. 6/19: Metro TAC given monthly updates. See Metro TAC minutes for updates.	Yazmin Arellano Beth Gentry
Strength Based Billing Evaluation	San Diego will hire a consultant every three years to audit the Metro metered system to insure against billing errors. 1/19: 2019 is the year for the billing review. Scope to be discussed at Financial Implementation Work Group and then brought to TAC. This group combined w/ Sample Rejection Protocol Working Group. SBB workshop by SD staff still outstanding. 3/20: JH will provide training schedule for SBB at April TAC meeting.	Dan Brogadir Dennis Davies? Karyn Keese Mark Niemiec Dexter Wilson SD Staff



Metro TAC & JPA Work Plan
Active & Pending Items
February 2020
Updated Items in Red Italics

Active Items	Description	Member(s)
Changes in water legislation	Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	Inactive; Members added as needed

Sewer Rate Comparison for Metro Participating Agencies
Single Family Monthly Rates Based on 7 HCF of Water Usage
Effective January 1, 2020 for FY 2020



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 st email sent on 5/23/18 & 2 nd email sent on 5/29/18	5/23/18
Padre Dam	Al Lau	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure	5/31/18

		Water (Mark Niemiec will participate)	
County of San Diego	Dan Brogadir	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/25/19
Chula Vista	Frank Rivera Beth Gentry	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/26/19
Imperial Beach	Eric Minicilli		
La Mesa	Hamed Hashemian		
Poway	Mike Obermiller Rudy Guzman		
El Cajon	Dennis Davies Yazmin Arellano		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Mark Niemiec Sen Seval		
County of San Diego	Dan Brogadir		
Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
La Mesa	Hamed Hashemian		
Poway	Mike Obermiller Rudy Guzman		
El Cajon	Dennis Davies Yazmin Arellano		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Mark Niemiec Sen Seval		
County of San Diego	Dan Brogadir		
Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
La Mesa	Hamed Hashemian		

Attachment 10

Pure Water

Phase 2

Update

Public Utilities Department
Pure Water Program

Phase 2 Refinements Update

Metro JPA Technical Advisory Committee
February 19, 2020





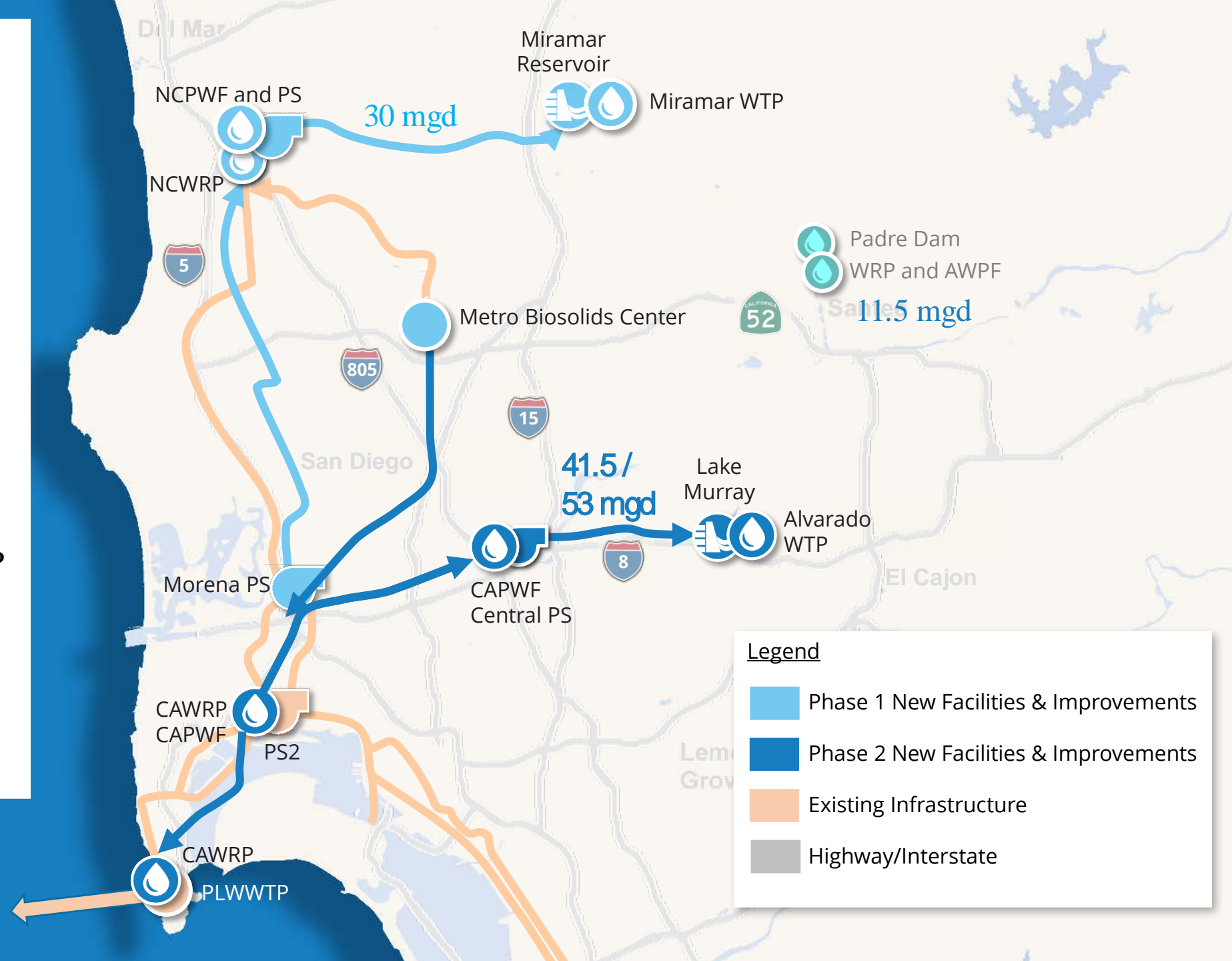
Phase 2 Studies

- Phase 2 – Total 83 mgd Purified Water by end 2035
- 2012 Recycled Water Study
- 2018 – 2019 Alternatives Conceptual Level-Analysis
 - High Level Assessment of Alternatives
 - Collaborative Effort with Metro TAC
 - Narrowed Alternatives for Further Refinement
- 2020 Phase 2 Alternatives Refinement
 - Develop Alternatives Definition, Feasibility and Cost
 - Collaborative Effort with Metro TAC

Alternatives include

Combinations of:

- CA Water Reclamation Plant
 - Point Loma WIP
 - Harbor Drive
- CAPure Water Facility
 - Harbor Drive
 - Mission Valley
- Options With and Without:
 - Waiver / Secondary Equivalency
 - Padre Dam 11.5 mgd ECAWP part of a “regional” 83 mgd solution
 - Brine / Treated Centrate Bypass PLWWTP directly to Point Loma Ocean Outfall





Phase 2 Alternatives Being Considered

Alternative	Options
1 – CAWRP at Harbor Drive (CAPWF at Mission Valley or co-located at Harbor Drive)	With and without Waiver / Secondary Equivalency With and without Regional Pure Water Production With and without Brine/Treated Centrate Bypass to PLOO
3 – CAWRP at PLWTP (CAPWF at Harbor Drive)	With and without Waiver With and without Regional Pure Water Production All Options with Brine/Treated Centrate Bypass to PLOO



Phase 2 Refinement Schedule

Activity	Date
Task Order NTP	December 2019
Special Studies	January 2020 – April 2020
Alternative Refinement	April 2020 – May 2020
Metro TACupdate	May 2020
Alternative Evaluation (Cost and Qualitative)	June 2020 – September 2020
Metro TACupdate	October 2020
Technical Memo Preparation	October 2020 – January 2021
Final Technical Memorandum	February 2021

