



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, September 20, 2017

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****

1. Review and Approve MetroTAC Action Minutes for the Meeting of [May 17, 2016](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **PRESENTATION:** County of San Diego Stormwater Capture/Use Feasibility Study (Stephanie Gaines, County of San Diego, Program Coordinator, Watershed Protection Program)
4. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Yazmin Arellanos)
5. **REPORT:** Update from Pure Water Facilities Working Group (Roberto Yano)
6. **REPORT:** Update from Pure Water Cost Allocation Working Group (Scott Tulloch/Dexter Wilson)
7. **REPORT:** Update from Social Media Working Group (Mike Obermiller)
8. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
9. **ACTION:** Nomination and Selection of MetroTAC Vice Chair (Greg Humora)
10. **ACTION:** Consideration and Possible Action to Form and Appoint Members to a Pure Water EIR Comment Ad Hoc Sub Committee (Greg Humora)
11. **ACTION:** Consideration and Possible Action to Recommend Approval to Metro Comm/Metro JPA of the South Bay Water Reclamation Plant (SBWRP) Loop Control System & Valve Master Station Improvements (Albert Sohikish) (**Attachment**)
12. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Contract with California Water Technologies to Provide Ferrous Chloride as may be needed for Wastewater Facilities in the Public Utilities Department . (Juan Guerreiro) (**Attachment**)
13. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Contract with Polydyne, Inc., to Provide Mannich Polymer as may be needed for Wastewater Facilities in the Public Utilities Department (Juan Guerreiro) (**Attachment**)

14. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of a Construction Contract to Repair Defective Pipe Joint Liner on the Rose Canyon Trunk Sewer (Abi Palaseyed) (**Attachment**)
15. Metro Wastewater Update (Standing Item) (Edgar Patino)
16. Pure Water Program Update (Standing Item) (John Helminski)
17. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung) (**Attachment**)
 - FY2017 Q4 CIP Annual Report
18. Financial Update (Standing Item) (Karyn Keese)
19. IRWMP Update (Standing Item) (Robert Yano)
20. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
21. Point Loma Permit Renewal (Standing Item) (Greg Humora) (**Attachment**)
22. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**October 5, 2017**)
23. Other Business of Metro TAC
24. Adjournment ([To the next Regular Meeting October 18, 2017](#))

Metro TAC 2017 Meeting Schedule

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

Attachment 1

Action Minutes of May 17, 2017

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

ACTION MINUTES

DATE OF MEETING: May 17, 2017
TIME: 11:00 AM
LOCATION: MOC II Auditorium

MEETING ATTENDANCE:

Greg Humora, La Mesa
Robert Yano, Chula Vista
Ed Walton, Coronado
Eric Minicilli, Del Mar
Yazmin Arellano, El Cajon
Dennis Davies, El Cajon
Chris Helmer, Imperial Beach
Erin Bullers, La Mesa
Dexter Wilson, Lemon Grove
Bob Kennedy, Otay MWD
Mark Niemiec, Otay MWD
Alex Heide, Poway
Dan Brogadir, County of San Diego

John Helminski, City of San Diego
Seth Gates, City of San Diego
Lee Ann Jones-Santos, City of San Diego
Amer Barhoumi, City of San Diego
Peggy Merino, City of San Diego
Edgar Patino, City of San Diego

Scott Tulloch, NV5
Carmen Kasner, NV5
Karyn Keese, Keze Group
Lori Anne Peoples, Metro Comm/Metro JPA/MetroTAC
Jerry Jones, Metro JPA/Lemon Grove

1. Review and Approve MetroTAC Action Minutes for the Meeting April 19, 2017

Roberto Yano moved approval of the April 19, 2017 minutes. The motion was seconded by Dennis Davies, and the minutes were approved unanimously.

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

It was noted that the Commission had approved the MBC Contract and Improvements and thanked the City of San Diego for allowing the TAC to circle back; voted to support the Consistency Certification on the Pt. Loma Permit, and heard the report by Dexter Wilson.

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

Yazmin Arellano stated that the group was working on the unit generation rate and flow at build out with the purpose to put together an RFP and try to expose participating agency costs. She will send separate emails to the PAs to verify the information received thus far and get EDU's.

Dexter Wilson added that they had put together a statement of work to send to determine the cost to the PA's to go to Secondary under several options. Conceptual costs came back high. Think the cost was related to work they thought involved in getting flows down. They are now trying to provide them with flows projected to use and cost reports that exist and change the scope to updating E & R. The goal is to send the package out to consultants with information and ensure flows have consistent format between the PA's. They group hopes to bring this back with a scope of work at the next TAC meeting and contracts beginning of next fiscal year.

4. REPORT: Update from Social Media Working Group

Alex Heide reported that in May of 2016 the JPA raised concerns of media postings that represented they were from the JPA. TAC formed a committee to review and gather policy information to draft and bring a policy to the JPA. The policy was approved by TAC and the JPA and a RFP sent out. Several quotes were received for social media management with \$950/month being the lowest. The Finance Committee needed to review this item for the budget and did so on April 26th. There was extensive discussion with concerns expressed between costs and benefits. They requested a quote from NV5 for just monitoring which came back at \$500/month. The Social Media Working Group is recommending not to contract out for this service at this point but to possibly revisit it in the future if deemed necessary.

5. Update from Sample Rejection Program Cost Allocation Working Group

Edgar Patino stated that this group is comprised of Dexter Wilson, Dan Brogadir, Dennis Davies, Peggy Moreno and himself. They are reviewing topics such as lab standard op procedures, data collection, calculation of mean and loading vs. concentrated base approach. After considerable discussion, they have agreed to stay status quo and not implement the 3 recommendations of Brown & Caldwell.

Dennis Davies reviewed why the alternate ways were rejected. Basically, at the end of the day, they all came out close to the same. Collecting sewage is a difficult task and difficult to replicate the method.

Edgar Patino stated that when the PA's receive their Quaterly Billing and sampling,

they need to thoroughly review and ensure the flow rate is correct. They have occasionally noticed flow does not make sense and have come up with checks and balances.

Dennis Davies requested a workshop on how San Diego Calculates flows.

Dexter Wilson strongly recommended all PA's establish a protocol or process to review data and flows and will share with the PA's the one developed for Lemon Grove.

6. REPORT: Update from Pure Water Facilities Working Group

Roberto Yano stated that this committee had not met, but from the last TAC meeting had agreed that the North City Plant would go back to TAC prior to going to the JPA, but since the JPA heard the item and approved it, it is not being brought back to TAC.

Dexter Wilson stated that ~~they don't need to make any changes to Phase 1 to avoid redundant capacity~~ no additional requirements were needed on Phase 1 to avoid redundant capacity but if something came up, it could be addressed in Phase 2. They also looked at emergency ~~plans where they could put~~ 2 into Point Loma plans.

Roberto Yano stated that the group would be meeting again today after TAC.

7. ACTION: Review and Consideration and Possible Action to Recommend the Metro Commission/Metro Wastewater JPA Accept the FYE 2015 City of San Diego Public Utilities Department Schedule of Allocation for Billing to Metropolitan Wastewater Utility and Independent Auditor's Report

Karyn Keese stated that auditors MGO could not be present but will be at the Finance Committee meeting and Metro JPA. She stated that with the assistance of PUD audit staff the FYE 2015 Pure Water Program costs have been identified and she had reviewed the detail of each task order. In addition, PUD financial staff (lee Ann Jones-Santos) has provided written assurance that once the Pure Water Program cost allocation is complete that any required adjustments between water and wastewater costs will be made starting with the inception of the Program in FYE 2014 through the date of the audit adjustments. With the completion of these two tasks the FYE 2015 audit fieldwork is complete.

Seth Gates explained a finding regarding the SRF Loan payment transaction and reviewed the City's response to this finding and the corrective actions which have already been undertaken by the City.

Motion by Chair Humora, seconded by Eric Minicilli to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

8. ACTION: Consideration and Possible Action to Recommend Approval of the FY 2018 Metro Wastewater JPA Budget

Karyn Keese gave a brief overview of the history of the JPA budgets in regard to use of as-needed engineering and financial consultants. Karyn Jassoy reviewed the FYE 2018 budget and noted that since the budget was prepared for the MetroTAC/Finance Committee agendas, she had received the quarterly billing for BBK and that the projections to year-end needed to be updated for this contract in light of the increased work effort for BBK due to the Modified Permit Hearings before the Regional Board and Coastal Commission. Item 12 was discussed as part of the budget process and it was decided that the budget should be revised prior to going to the Metro Commission/JPA to reflect an increased projected year-end amount of \$94,000 and an increase of the BBK FYE 2018 budget amount to \$60,000. Karen Jassoy will redo the budget and present alternatives to Finance Committee Chair Mullin showing billing levels and the use of reserves. The revised budget will be moved forward to the Metro Commission/JPA with the Finance Committee's concurrence and approval.

MetroTAC Chair Humora noted that on page 2 of FY 17 vs 18, the amount appears to be a large difference but this is because they only billed 50% in FY 17 due to the reserves being more than adequate.

Motion by Chair Humora, seconded by Roberto Yano to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

9. ACTION: Consideration and Possible Action to Recommend Approval of Amendment to the Treasurers Contract with Padre Dam Municipal Water District for FY 2018

Karyn Keese stated that the contract is the same as last year in dollar amount. There were several changes to the JPA contract's boiler plate which have been incorporated.

Motion by Roberto Yano, seconded by Ed Walton to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

10. ACTION: Consideration and Possible Action to Recommend Approval of FY 2018 Contract with The Keze Group, LLC for Financial Management Services

MetroTAC Chair Humora provided a brief overview of the contract and noted a slight increase over last year due to increased scope with the Pure Water and additional audit work.

Motion by Chair Humora, seconded by Roberto Yano to recommend approval to

the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

11. **ACTION: Consideration and Possible Action to Recommend Approval of FY 2018 NV5 Contract for Engineering Services**

MetroTAC Chair Humora stated that this is the contract for Scott Tulloch and recognized Scott's new boss present in the audience, Carmen Kasner.

Motion by MetroTAC Chair Humora, seconded by Dennis Davies to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

12. **ACTION: Consideration and Possible Action to Recommend Approval of FY 2018 Contract with Wilson Engineering for Engineering Support Services**

MetroTAC Chair Humora stated how appreciative the TAC was of Dexter Wilson's assistance and knowledge and the City of Lemon Grove for allowing him to work with them. He then requested the contract be tabled to allow time for the City of Lemon Grove to set up a billing protocol so Mr. Wilson can bill Lemon Grove and Lemon Grove bill the JPA for work.

13. **ACTION: Consideration and Possible Action to Recommend Approval of FY 2018 Proposed City of San Diego Metro Wastewater Utility Budget**

Lee Ann Jones-Santos introduced the Metro Wastewater FYE 2018 Utility Budget and stated that per the request of Commissioner Spriggs at IROC, a slide had been added to summarize the Pure Water Program task orders and CIP.

Seth Gates then presented the slide presentation and reviewed the pursuit of SRF loans and WIFA financing for the Pure Water Program and other CIP costs such as the construction improvements for PS2. He stated that staff is currently preparing a financial plan for the Pure Water Program facilities with a goal of attaining 96% financing comprised of a mixture of SRF loans, WIFA funding, and conventional debt.

Motion by Dennis Davies, seconded by Roberto Yano to recommend approval to the Metro Commission/Metro Wastewater JPA. Motion carried by unanimous vote.

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

Edgar Patino stated he had no report.

15. **Pure Water Program Update (Standing Item)**

John Helminski stated that the Coastal Commission approved the permit on May 10th unanimously. The next day he received a consistency letter concurring with staff recommendations with no changes of modifications.

Scott Tulloch noted that the milestones for Pure Water no longer appear in the compliance section of the permit per John Helminski in either design or construction but does contain language “enforceable to the fullest ~~extend~~extent of law”.

John Helminski stated further that they are working on a project specific EIR targeting to get it out for public comment by the end of the year; Title 22 Engineering Report – arranging in PDF Format to get it out to print and send it to the State Water Board by Friday; have met with DDW for a year and last meeting in March 2017, expect to start up again by meeting in the next 30-60 days with the goal of getting the first draft out to DDW for comment and back to the JPA probably after the second draft; sent out to TAC the 30% design on Morena Blvd and asked for a 2 week turnaround – requesting comments by end of next week. Will resend this out to the facilities group; anticipate another set of drawings for 30% design on the NC Expansion by June 1st.

Scott Tulloch inquired as to when the Secondary Equivalency at State level will go forward again. John Helminski stated that the Mayor had a trip planned in June and a meeting with the EPA and will meet then with lobbyists. They should have more information at the next meeting and are still pursuing both legislative and administrative fixes. Mr. Tulloch clarified that the idea of trying to get an administrative fix came from a request from Senator Feinstein when the City requested her support for a legislative fix. The City worked with EPA for 6 months and were ultimately told that the EPA would not or could not support an administrative fix. TAC has learned that even if EPA supported the concept, the process to get that fix is long and involved. It includes publication in the Federal Register which is open to comment from a variety of sources as well as subsequent lawsuits. Even if the City got an administrative fix it is worth very little. The Democrat administration EPA said no. If a Republican administration EPA now says yes and gets it thru the process, the next Democrat administration EPA could presumably fairly easily reverse the fix. In addition, the concerns are that if an administrative fix is approved there are those who will argue that a legislative fix is no longer needed and pursuit of a legislative fix is likely to end. On the other hand, if a legislative fix is pursue and obtained, it would be much more difficult to reverse.

MetroTAC concurred that they still support the position of pursuit of a legislative fix is the way to go.

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

There was no report.

17. Financial Update (Standing Item)

Karyn Keese stated she had nothing to add as far as the financial update, but that she appreciated the approval of her contract and was looking forward to continuing working with everyone.

18. IRWMP Report (Standing Item)

Roberto Yano stated he that the last meeting was in April and they had called for projects now that the CalOES grant was out. They have placed the planning allotment, shovel ready and minutes on the website.

19. MetroTAC Work Plan (Standing Item)

MetroTAC Chair Humora stated the Work Plan was attached to the agenda. Karyn Keese again requested rate updates to turn into Otay.

20. Pt. Loma Permit Renewal (Standing Item)

MetroTAC Chair Humora stated this report had been presented by John Helminski under agenda Item 15.

21. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (May 4, 2017)

All action items will go first to the Finance Committee and then to the Metro Commission/Metro Wastewater JPA. The contract with Wilson Engineering to be reviewed with the City of Lemon Grove and General Counsel first for proper language.

22. Other Business of Metro TAC

Ed Walton reported that the City of Coronado is looking at a recycling plant at the golf course location for 5-700 gallons.

23. Adjournment to the next Regular Meeting, May 17, 2017

At 1:43 p.m. the meeting was adjourned.

Attachment 11

SBWRB Loop Control Sys & Valve Master Station Improvements

**METRO JPA/TAC
Staff Report
Date: August 8, 2017**

Project Title: South Bay Water Reclamation Plant (SBWRP) Loop Control System & Valve Master Station Improvements.

Requested Action: Approval to award a design-build contract to replace 78 existing problematic EIM actuators that have reached their service life. This contract also includes splitting the SBWRP Valve Master Station 01 Loop into two (2) standalone master station loops to allow flexibility in operating the South Bay Water Reclamation Plant.

Recommendations: Approval of the following:

Metro TAC:

IROC:

Prior Actions:
(Committee/Commission,
Date, Result)

Fiscal Impact: The total estimated cost for this contract is \$2,000,000. Funds are available in FY18 Metro Sewer Utility Fund 700009.

Is this projected budgeted? Yes ☒ No ☐

Cost breakdown between
Metro & Muni: \$2,000,000 (100% Metro)

Fiscal impact to the Metro
JPA: \$670,000 (33.5% Metro JPA)

Capital Improvement Program:

New Project? Yes ☐ No ☒ (Betterment) N/A ☐

Existing Project? Yes ☐ No ☐ Upgrade/addition ☒ Change ☐

Previous TAC/JPA Action:

Additional/Future Action:

City Council Action: This project does not require a City Council Action since it was approved as part of FY18 Budget and is listed on the Planned Construction Contracts List to be awarded in FY18.

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

The SBWRP was designed and built around the automated actuator system for controlling valves throughout the facility. Currently all the valves for the plant headworks, primaries and aeration (Critical treatment processes) are connected into one large control loop system. When more than one valve/actuator is out, it will impact some of the other valves causing multiple failures and problems to operate the plant.

This action is to award the design build contract to Baker Electric, which has been selected through the City's competitive bidding process. The total estimated cost for this project is \$2,000,000, which includes \$1,760,813 for construction and \$239,187 for project contingency, administration as well as construction management and inspection.

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

The control loop is large and needs to be split in two. By splitting the loop in two separate loops, the treatment process will operate more efficiently and provides continued operations in the event a valve actuator goes offline. The Contractor is proposing to use ROTORK products that are currently being used in other City facilities. The valves and actuators by ROTORK are found to be much more reliable and efficient in the treatment process and automated control system.

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

The contract was initiated through a competitive bidding process as a design-build contract. Three (3) bids were received and two (2) were determined non-responsive. Baker Electric was determined as the responsive bidder and was selected as the design builder for this project at a cost of \$1,760,813.

Attachment 12

Calif. Water Technologies - Ferrous Chloride

METRO JPA/TAC**Staff Report****Date:**

Project Title: Authorization to execute a contract with California Water Technologies to provide ferrous chloride as may be needed for Wastewater Facilities in the Public Utilities Department.

Requested Action: The Wastewater Treatment and Disposal Division (WWTD) of the Public Utilities Department (PUD) requests approval to award a contract to California Water Technologies for ferrous chloride.

The Public Utilities Department, Wastewater Treatment and Disposal Division require ferrous chloride at the Point Loma Wastewater Treatment Plant, Metropolitan Biosolids Center and North City Water Reclamation Plant.

Ferrous chloride (FeCl₂) is a chemical used for hydrogen sulfide (H₂S) control in wastewater treatment pump stations and plants. H₂S is a corrosive chemical which causes odor and is hazardous to human health. It's a byproduct of bacterial activity in wastewater. Control of H₂S concentrations in the wastewater treatment process is an environmental, safety and regulatory requirement. Additionally, control of H₂S concentration is important for preserving the wastewater system infrastructure.

This contract will furnish the City of San Diego, Public Utilities Department with ferrous chloride for one (1) year with options to renew four (4) additional one-year periods. The delivered product must meet all purity standards specified in the bid contract. California Water Technologies had the lowest cost of five (5) responsive and responsible bidders.

Recommendations: Approve the resolutions.

Metro TAC:	Submitted for consideration on September 20, 2017.
IROC:	
Prior Actions: (Committee/Commission, Date, Result)	

Fiscal Impact:

Is this projected budgeted?	Yes <u>X</u> No ____
Cost breakdown between Metro & Muni:	See table below.
Fiscal impact to the Metro JPA:	\$10,062,853 over five fiscal years (FY 2017, FY 2018, FY 2019 FY 2020 and FY 2021).

Fiscal Impact: California Water Technologies. Contract FY2017 – FY 2021**Estimated Fiscal impact for JPA at 35%:**

Fiscal Year	METRO (65%)	MUNI	JPA Portion (35%)	Total Request
FY 2017 (actuals)	\$ 560,854	\$0.00	\$ 301,999	\$ 862,853
FY 2018	\$1,105,000	\$0.00	\$ 595,000	\$ 1,700,000
FY 2019	\$1,300,000	\$0.00	\$ 700,000	\$ 2,000,000
FY 2020	\$1,625,000	\$0.00	\$ 875,000	\$ 2,500,000
FY 2021	\$1,950,000	\$0.00	\$ 1,050,000	\$ 3,000,000
TOTAL	\$6,540,854	\$0.00	\$3,521,999	\$10,062,853

Capital Improvement Program:New Project? Yes ☐ No ☐ N/A ☒Existing Project? Yes ☐ No ☐ Upgrade/addition ☐ Change ☐**Previous TAC/JPA Action:****Additional/Future Action:** Pending Metro Joint Power Authority (JPA), Metro TAC approval on September 20, 2017; the Metro Commission on October 5, 2017; and, presented to the Environmental Committee on November 2, 2017 prior to Council.**City Council Action:** Tentatively scheduled for consideration by the full Council December 4/5, 2017.**Background:** See summary above.**Discussion:** NA**Bid Results:** An Invitation to Bid (ITB), No. 10077844-17-V for the purchase of ferrous chloride was issued by Purchasing & Contracting Department on July 20, 2016. Five companies downloaded the bid from the City's third party provider, who is responsible for announcing and distributing all City solicitations. California Water Technologies was the lowest bidder in response to the ITB.

Attachment 13

Polydine, Inc
for Mannich
Polymer for
Wastewater
Facilities

METRO JPA/TAC

Staff Report

Date:

Project Title: Authorization to execute a contract with Polydyne, Inc., to provide mannich polymer as may be needed for Wastewater Facilities in the Public Utilities Department.

Requested Action: The Wastewater Treatment and Disposal Division (WWTD) of the Public Utilities Department (PUD) requests approval to award a contract to Polydyne for mannich polymer at the Metropolitan Biosolids Center (MBC).

To stay in compliance with the Point Loma Wastewater Treatment Plant (PTLWTP), the National Pollutant Discharge Elimination System (NPDES) permit process is dependent upon the use of mannich polymer as a flocculent in the biosolids dewatering process. MBC provides two treatment operations: thickening and digestion of the raw solids (raw sludge), which is generated at the North City Water Reclamation Plant (NCWRP); and the dewatering of the wet biosolids coming from both the PTLWTP and the NCWRP.

Polymer is used for the liquid / solid separation in the sludge dewatering centrifuges. It assists to help bind the solids together which allows us to produce a dryer product. That in turn lowers our hauling costs and lowers the amount of total dissolved solids that are returned to the Point Loma Wastewater Treatment Plant from the MBC centrate line. Mannich is the type of polymer that has been tested to provide the best result and most cost effective.

This contract will furnish the City of San Diego, Public Utilities Department with mannich polymer for one (1) year with options to renew four (4) additional one-year periods. The delivered product must meet all purity standards specified in the bid contract.

Recommendations: Approve the resolutions.

	Metro TAC:	Submitted for consideration on September 20, 2017.
	IROC:	
	Prior Actions: (Committee/Commission, Date, Result)	
Fiscal Impact:		
	Is this projected budgeted?	Yes <u>X</u> No ____
	Cost breakdown between Metro & Muni:	See table below.
	Fiscal impact to the Metro JPA:	\$12,696,876 over five fiscal years (FY 2017, FY 2018, FY 2019 FY 2020 and FY 2021).

Fiscal Impact: Polydyne Inc. Contract FY2017 – FY 2021

Estimated Fiscal impact for JPA at 35%:

Fiscal Year	METRO (65%)	MUNI (0%)	JPA Portion (35%)	Total Request
FY 2017 (actuals)	\$ 1,037,969	\$ 0.00	\$ 558,906	\$ 1,596,876
FY 2018	\$ 1,365,000	\$ 0.00	\$ 735,000	\$ 2,100,000
FY 2019	\$ 1,625,000	\$ 0.00	\$ 875,000	\$ 2,500,000
FY 2020	\$ 1,950,000	\$ 0.00	\$ 1,050,000	\$ 3,000,000
FY 2021	\$ 2,275,000	\$ 0.00	\$ 1,225,000	\$ 3,500,000
TOTAL	\$ 8,252,969	\$ 0.00	\$ 4,443,906	\$ 12,696,876

Capital Improvement Program:New Project? Yes ____ No ____ N/A X

Existing Project? Yes ____ No ____ Upgrade/addition ____ Change ____

Previous TAC/JPA Action:

Additional/Future Action: Pending Metro Joint Power Authority (JPA), Metro TAC approval on September 20, 2017; the Metro Commission on October 5, 2017; and, presented to the Environmental Committee on November 2, 2017 prior to Council.

City Council Action: Tentatively scheduled for consideration by the full Council December 4/5, 2017.

Background: See summary above.

Discussion: NA

Bid Results: An Invitation to Bid (ITB), No. 10080898-17-H for the purchase of mannich polymer was issued by Purchasing & Contracting Department on October 27, 2016. One (1) company downloaded the bid from the City's third party provider, who is responsible for announcing and distributing all City solicitations. Polydyne Inc., was the lowest bidder in response to the ITB.

Attachment 14
ABHE &
SVOBODA, Inc., to
Repair Defective
Pipe Joint Liner on
the Rose Canyon
Trunk Sewer

METRO JPA/TAC
Staff Report
Date: September 13, 2017

Project Title: Rose Canyon Trunk Sewer Joint Repair

Requested Action: Approval to award Construction Contract to repair defective pipe joint liner on the Rose Canyon Trunk Sewer.

Recommendations:

Metro TAC:

IROC:

Prior Actions:
(Committee/Commission,
Date, Result)

Fiscal Impact:

Is this projected budgeted? Yes X No

Cost breakdown between Metro & Muni: \$9,247,660.00 (100% Metro)

Fiscal impact to the Metro JPA: \$3,097,946 (33.5% Metro)

Capital Improvement Program:

New Project? Yes x No (Betterment) N/A

Existing Project? Yes No x Upgrade/addition Change

Previous TAC/JPA Action: N/A

Additional/Future Action:

City Council Action: This project does not require a City Council Action since it was approved as part of FY18 Budget and is listed on the Planned Construction Contracts List to be awarded in FY18.

Background: The Rose Canyon Trunk Sewer Joint Repair Project will take place in the communities of La Jolla and University City. The project consists of repairing defective pipe joint liner on a 4.5 miles trunk sewer pipeline. The T-lock lining weld strips at the pipe joints are loose and pulling away from pipe walls and the cement mortar has started to deteriorate behind the T-lock lining from hydrogen sulfide and sulfuric acid. As part of this project, a temporary sewer bypass pipeline and pumping will be required to divert the sewage to another pipeline while doing the repair. Pedestrian and bicycle access will remain during construction. Due to limited by-pass capacity, the construction will span across two dry seasons (May through September).

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

This project provides for the restoration and/or repair of delaminated T-lock welds at the pipe joints. The repair will stop the corrosion from continuing and protect the integrity of the pipe. This work will extend the expected service life of the pipeline.

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

The project was advertised in December 2016 and the low bidder was determined on March 28, 2017. The award process was delayed due to a bid protest by the second lowest bidder and the rejection of the first low bidder by the City due to lack of experience and qualification. Four (4) bids were received and one (1) was determined non-responsive. ABHE & SVOBODA, INC was determined as the responsive bidder and will be awarded this project at a cost of \$6,933,254.00.

This action is to award the construction contract to ABHE & SVOBODA, INC. which has been selected through the City's competitive bidding process. The total project cost is \$9,247,660.00 which includes \$6,933,254.00 for construction and \$2,314,406.00 for project contingency, administration as well as construction management and inspection.

Attachment 17
FY2017 Q4 CIP
Annual Report



THE CITY OF SAN DIEGO

M E M O R A N D U M

DATE: August 10, 2017

TO: Metro Technical Advisory Committee (Metro TAC)

FROM: Surraya Rashid, Deputy Director, Public Utilities Department

SUBJECT: FY2017 Capital Improvements Projects (CIP) Report – 4th Quarter

The Public Utilities Department hereby submits the FY2017 CIP updates for the period of April 1, 2017 through June 30, 2017.

The report includes the following:

- Projects highlights
- Forecast versus actual expenditures report
- Projects expenditure updates

Project Highlights

Two (2) Metro funded projects received the Project of the Year and Honor Awards from American Public Works Association (APWA).

Point Loma Wastewater Treatment Plant-Grit Processing Improvements

This project provides for upgrading of the existing grit removal process at the Point Loma Wastewater Treatment Plant, which includes new grit agitation blowers enclosed in a sound dampening facility and the associated air piping.



APWA
Project of the Year
Environmental
\$26 - \$75 million

Metro Biosolids Center Additional Biosolids Storage Silos 9 & 10

This project provides for two additional biosolid storage silos (numbers 9 and 10).



APWA
Honor Award
Utilities
\$6 - \$25 million

Project	Cost	Highlight
MBC Dewatering Centrifuge Replacement Project	\$12.1 M	Construction



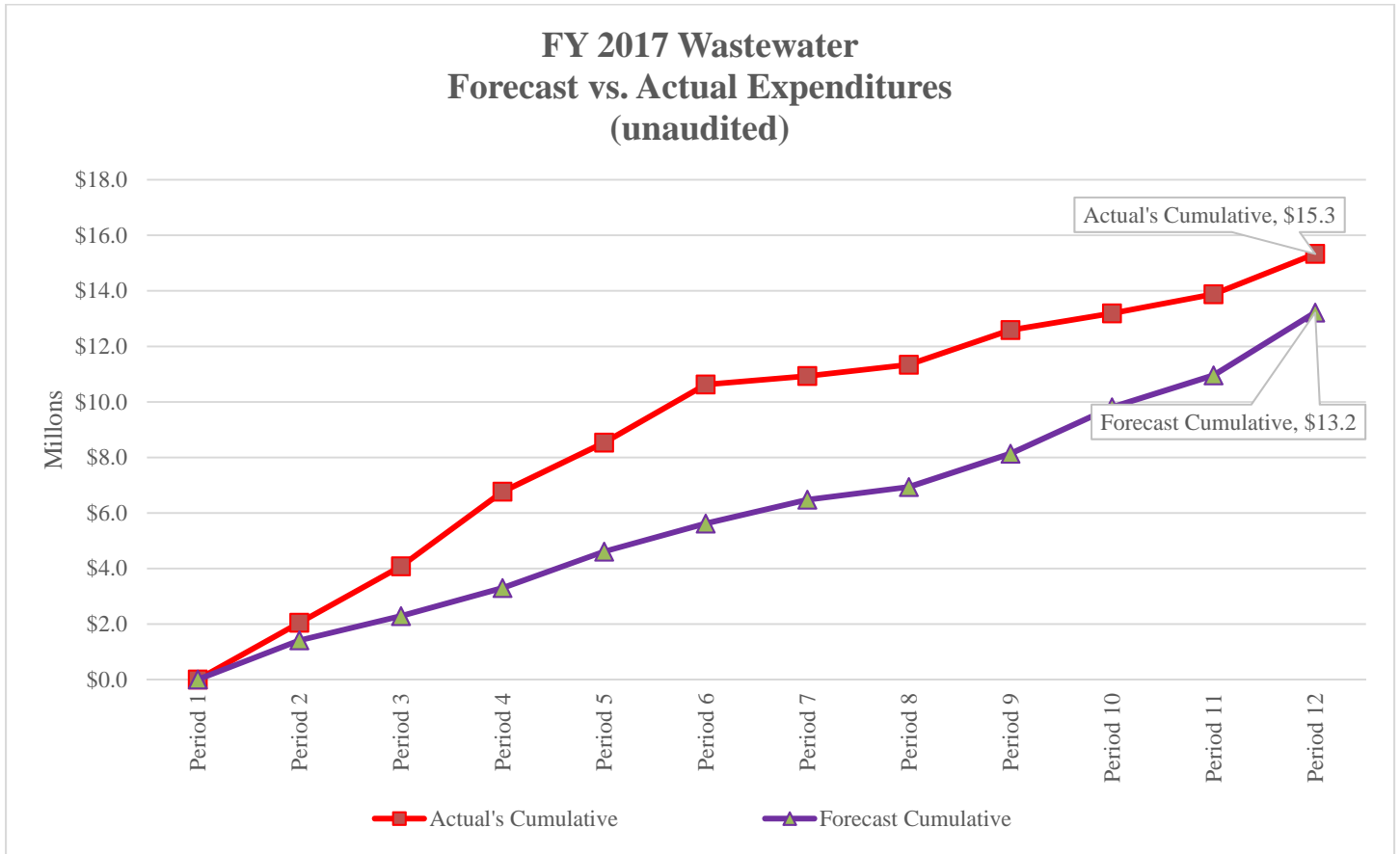
The dewatering centrifuges are part of Area 76, within the Metro Biosolids Center (MBC), a regional biosolids processing facility located adjacent of the City’s Miramar Landfill in Kearny Mesa and north of Interstate 52.

This project will increase the production capacity of the dewatering centrifuges to accommodate plant shutdowns for maintenance and construction, to accommodate future flows, and to address diverse types of constraining operational factors that limit current capacity.

The existing dewatering centrifuges have been in operation for more than 14 years and are approaching the end of their useful life. This project will replace six of the eight units, and increase the unit capacity from approximately 225 gallons per minute (gpm) to 350 gpm.

The notice to proceed for design/build was issued on June 12, 2013 and the end of construction is estimated to be summer 2018.

FORECAST VERSUS ACTUAL EXPENDITURES UPDATES



WASTEWATER PROJECTS

COST OF SERVICE STUDY (COSS) vs ACTUALS

FY 2017 - 4th Quarter (Financial Data run August 8, 2017)

NOTES:

- Projects are listed from highest to lowest revised project cost

- Original COSS Estimates use July 1, 2015 P6 Data Date

- Wastewater projects are separated into Muni and Metro

- TBD are projects being implemented but have not yet established a baseline

- Does not include AMI or Pure Water projects with the exception of Morena (B15141)

Projects with \$1 mil or more in estimated project cost change (increase/decrease)
Projects six or more months behind schedule in design/construction phases
Projects on the radar

COSS - Cost of Service Study
BO/BU - Beneficial Occupancy/Beneficial Use, ie., Substantial Completion
Variance - difference between COSS and current dates

WASTEWATER PROJECTS									Start Date	Planning/Design/Award Phase			Construction Phase		
WBS	Project Name	Status	COSS Estimated Total Project Cost	Revised Estimated Total Project Cost	Project to Date Expenditures (thru FY17, Pd 12)	Encumbrance at FY17, Pd 12	Project Balance (Revised Proj Cost less Expenditures less Encumbrances)	% Spent (Expenditures /Revised Project Cost)		COSS Final Design Approval - End	Final Design Approval - End	Final Design Approval - End Variance	COSS BO/BU	BO/BU	BO/BU Variance
	LARGE SEWER PUMP STATIONS - METRO														
S00312	PS2 Power Reliability & Surge Protection	Bid and Award	\$43,100,000	\$72,200,000	\$638,668	\$280,844	\$71,280,488	0.88%	11/1/2010	2/8/2016	8/15/2016	139	8/30/2019	4/30/2021	447
	OTHER - METRO														
S00314	Wet Weather Storage Facility - Live Stream Discharge (D/B)	Planning	\$5,000,000	\$5,000,000	\$2,366,274	\$14,130	\$2,619,596	47.33%	1/3/2011	3/7/2016	TBD		7/29/2020	TBD	
S00319	EMT&S Boat Dock & Steam Line Relocation	Design	\$2,304,000	\$2,304,000	\$78,816	\$16,776	\$2,208,408	3.42%	11/23/2011	11/30/2012	TBD		7/26/2019	TBD	
	SEWER TREATMENT PLANTS - METRO														
S00339	MBC DEWTRING CNTRFGS RPLMT (SA)JO#141590	Construction	\$12,122,443	\$12,122,443	\$2,314,691	\$3,004,428	\$6,803,325	19.09%	7/1/2011	3/21/2012	3/21/2012	0	4/12/2016	6/1/2018	572
S00310	SBWRP DEMINERALIZATION	Construction	\$5,973,695	\$5,973,695	\$629,360	\$25,325	\$5,319,010	10.54%	8/1/2012	11/30/2012	11/30/2012	0	9/17/2015	5/25/2017	452
B14167	SBWRP Sludge Pump & Grinder Installation	Construction	\$789,000	\$939,000	\$579,376	\$46,729	\$312,896	61.70%	8/1/2014	9/1/2015	7/31/2015	-23	4/21/2016	8/20/2018	624
B13227	Emergency Strobe Lights at MBC, NC, SB	Construction	\$754,000	\$768,996	\$77,256	\$206,961	\$484,780	10.05%	9/3/2013	9/30/2015	10/28/2016	289	8/3/2015	11/21/2017	617
B16165	MBC Cooling Water System Chiller Upgrade	Design	\$1,500,000	\$3,771,000	\$107,469	\$367,650				TBD	TBD		TBD	TBD	
B16132	SBWRP Valve Mstr Sta & Loop Control Sys	Bid and Award	TBD	\$2,000,000	\$36,540	\$0			12/28/2015	TBD	2/24/2017		TBD	7/11/2018	
	TRUNK SEWERS - METRO														
B11025	ROSE CANYON TS (RCTS) JOINT REPAIR	Bid and Award	\$6,233,000	\$9,413,394	\$248,215	\$139,698	\$9,025,481	2.64%	5/1/2013	1/20/2016	8/5/2016	145	3/30/2017	10/14/2019	681
	OTHER - MUNI/METRO														
S14000	I AM San Diego Project (Metro)	Implementation	TBD	\$7,841,449	\$6,750,366	\$3,589,760	-\$2,498,678	86.09%	2/1/2014	TBD	TBD		TBD	12/31/2018	
S14022	MOC Complex Solar Project	Construction	\$2,675,000	\$2,675,000	\$9,723	\$661,915	\$2,003,362	0.36%	8/1/2014	9/1/2015	10/29/2015	43	9/2/2016	3/16/2018	411
	POST CONSTRUCTION/COMPLETE PROJECTS														
B10178	MBC Chemical System Improvements Phase 2	Post Construction	\$6,090,354	\$7,137,628	\$1,180,032	\$128,883	\$5,828,713	16.53%	2/14/2011	2/27/2015	2/27/2015	0	3/24/2017	11/21/2016	-90
S00323	MBC ODOR CONTROL FACILITY UPGRADES	Post Construction	\$6,615,612	\$7,715,612	\$4,834,261	\$379,661	\$2,501,691	62.66%	12/2/2010	3/19/2015	3/19/2015	0	3/14/2017	2/15/2017	-20

Attachment 20

MetroTAC Work Plan

**Metro TAC Work Plan
Active & Pending Items
September 2017**
Updated Items in Red Italics

Active Items	Description	Member(s)
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.	Yazmin Arellano Dan Brogadir Steve Beppler Al Lau Scott Tulloch Dexter Wilson Roberto Yano SD staff & consultants
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.	Dennis Davies Dan Brogadir Al Lau Dexter Wilson 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,	Yazmin Arellano Roberto Yano Eric Minicilli Al Lau SD staff Karyn Keese

**Metro TAC Work Plan
Active & Pending Items
September 2017**
Updated Items in Red Italics

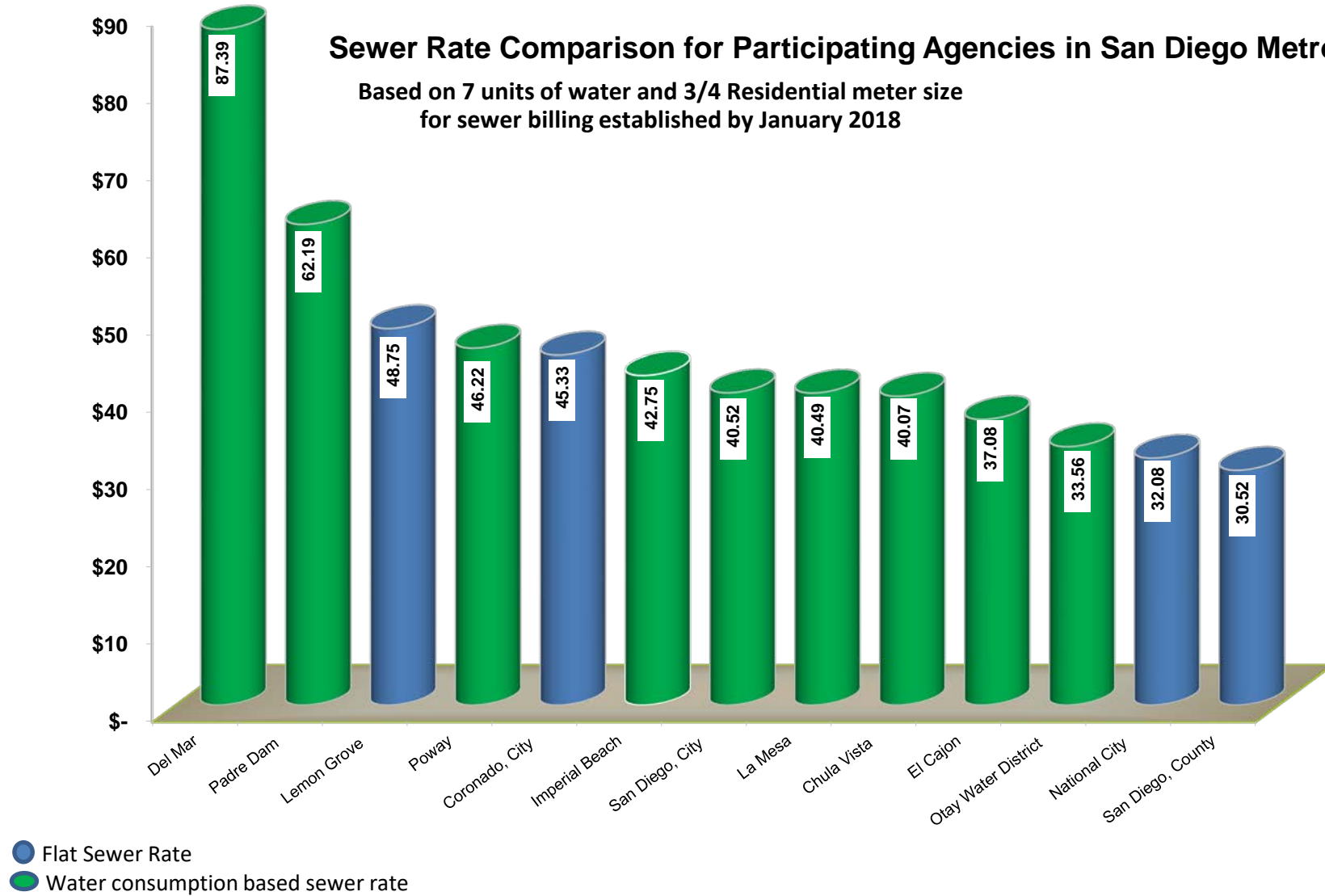
Active Items	Description	Member(s)
Social Media Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to research and provide input on the creation of policies and procedures for Metro JPA social media. Mike Obermiller will chair this work group. He sent out an email to all Metro TAC members requesting copies of their agency's policies. 9/16: A draft policy has been approved by Metro TAC and will be presented to the Commission in October by Alexander Heide. 1/17: Draft policy and consultants contracts to be reviewed by Finance Committee in April 2017. 5/17: Finance Committee reviewed budget and requested scope/fee from NV5 for monitoring only 6/17: Alex Heide to research monitoring software and bring back report to next Finance Committee Meeting. Language included in NV5 2018 contract to provide social media support services but they will not proceed with task unless approved by JPA	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. 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	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.	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.	Karyn Keese Karen Jassoy

**Metro TAC Work Plan
Active & Pending Items
September 2017**
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 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. 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: http://www.sdirwmp.org ; Yazmin to attend June meeting.	Roberto Yano Yazmin Arellano
"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. 11/16 first possible date at the Regional Board for consideration. 12/16: First hearing of Permit Application held at San Diego Regional Board. 4/17: Regional Board hearing on accelerated PWP facilities timeline 4/12/17. 5/17: Coastal Commission hearing 5/10/17. 6/17: Coastal Commission approved modified permit application. EPA to issue permit within the next few months.	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.	New Board Members to be Appointed

Sewer Rate Comparison for Participating Agencies in San Diego Metro System

Based on 7 units of water and 3/4 Residential meter size
for sewer billing established by January 2018



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	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		
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		

Attachment 21

Pt. Loma Permit Renewal

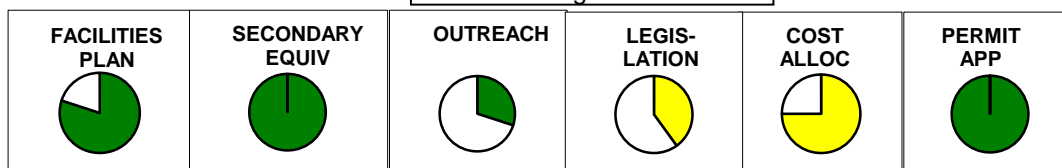
Point Loma Permit/Potable Reuse KEY MILESTONE DATES



05/11/2017

DATE	TASK	FOLLOW UP ACTION/STATUS
2014	Begin outreach to regulators, legislators, key stakeholders and public	San Diego signed contract with Katz Assoc. 5/14
01/23/2014	San Diego meet with JPA on cost allocation. 1) Agree on methodology 2) Insert construction costs from facilities plan	San Diego to look at comparing PR facilities construction through secondary to secondary at Point Loma.
February	First draft of legislative language	Draft prepared
03/05/2014	San Diego (Ann, Brent, Bob, Allan) meet with EPA staff	Pure Water program was well received by EPA
10/08/2014	City of San Diego Environmental Committee	Consideration of Pt Loma Permit
10/16/2014	Metro Commission - VOTE on Supporting Permit	
11/18/2014	City of San Diego City Council Meeting	Consideration of Pt Loma Permit and Side Agreement. Passed 9-0
2015		
January	Submit NPDES Permit to the Environmental Protection Agency	Submitted! Regional Board expected to act on permit 9/16 or 11/16
	Prepare proposed language for admin fix to Clean Water Act	
	Be ready to provide lang for legislative fix to Clean Water Act	
05/20/2015	Present Phase 1 of cost allocation to Metro TAC	
06/04/2015	Metro JPA Strategic Planning Meeting at Pt Loma	
07/01/2015	Water Reliability Coalition Potable Reuse Media Training	
09/15/2015	City of San Diego City Council Request to set Prop 218 Public Hearing for water rate increase	218 Notice for water rates approved to be mailed out
09/17/2015	Letter received from EPA endorsing Pt Loma modified permit	
11/17/2015	City of San Diego Public Hearing for water rate increases	Water rate increases approved
2016		
09/21/2016	Pure Water Program EIR to Metro TAC	
09/21/2016	Pure Water Program Update to Metro TAC	
10/06/2016	Pure Water Program EIR to JPA	
10/06/2016	Pure Water Program Update to JPA	
10/19/2016	Pure Water Cost Allocation to Metro TAC	
11/08/2016	Election day	
12/14/2016	Pt Loma Permit Public Hearing at RWQCB	Comment Letter submitted requesting permit condition remain unchanged
2017		
	Political strategy for OPRA II approval in DC	
01/05/2017	Pure Water Cost Allocation to JPA	
02/10/2017	Revised Pt Loma Permit Issued with Pure Water construction milestones in 2022 (14 day comment period)	Comment letter submitted requesting continuance of public hearing
03/30/2017	Second Revised Pt Loma Permit Issued still with Pure Water construction milestones in 2022	
04/12/2017	Pt Loma Permit Second Public Hearing at RWQCB	Permit was approved
05/10/2017	Coastal Commission Meeting in San Diego at County offices to hear Pt Loma permit at 8:30	Permit was approved!!!
05/17/2017	FY19-FY23 Sewer rates to Metro TAC	
	Begin drafting updated wastewater disposal agreement	

Milestone Progress Dashboard



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