



METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA)

TO: Metro TAC Representatives and Metro Commissioners

DATE: Wednesday, August 17, 2016

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

LOCATION: MWWD, 9192 Topaz Way, **(Conference Room 2E)** – 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 [July 20, 2016](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **ACTION:** Consideration and Possible Action to Recommend Approval of Morena Pump Station and Conveyance System (Wendy Gamboa) (**Attachment**)
4. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Greg Humora)
5. **REPORT:** Update from Social Media Working Group (Mike Obermiller) (**Attachment**)
6. Pure Water Program Update (Standing Item)
REPORT: Pure Water Financial Update (Lee Ann Jones-Santos) (**Attachment forth coming**)
7. Metro Wastewater Update (Standing Item)
8. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
9. Financial Update (Standing Item) (Karyn Keese)
10. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
11. Point Loma Permit Renewal (Standing Item) (Greg Humora)
12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting of (**September 1, 2016**)
13. Other Business of the MetroTAC
14. Adjournment ([To the next Regular Meeting September 21, 2016](#))

Metro TAC 2016 Meeting Schedule

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

Item 1

MetroTAC Action Minutes
July 20, 2016

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

ACTION MINUTES

DATE OF MEETING: July 20, 2016

TIME: 11:00 AM

LOCATION: MOC II Auditorium

MEETING ATTENDANCE:

Greg Humora, La Mesa
Roberto Yano, Chula Vista
Ed Walton, Coronado
Eric Minicilli, Del Mar
Yazmin Arellano, El Cajon
Dennis Davies, El Cajon
Mike James, Lemon Grove
Dexter Wilson, Lemon Grove
Steven Beppler, Otay WD
Kevin Koepper, Otay WD
Al Lau, Padre Dam MWD
Mark Niemiec, Padre Dam MWD
Alexander Heide, Poway
Peter Moote, Poway
Dan Brogadir, County of San Diego
Karyn Keese, The Keze Group, LLC
Scott Tulloch, Atkins
Lori Anne Peoples, Metro Comm/Metro JPA/MetroTAC

Seth Gates, City of San Diego
Brett Eidson, City of San Diego
Hanna Hanigan, City of San Diego
John Helminski, City of San Diego
Peggy Merino, City of San Diego
Edgar Patino, City of San Diego
Tung Phung, City of San Diego

Julie Labonte, MWH-Stantec
Patrick Huston, Kennedy/Jenks
Karen Jassoy, Padre Dam MWD
Ken Weinbag, Consultant to Padre Dam

1. Review and Approve MetroTAC Action Minutes for the Meeting of June 15, 2016

Dennis Davis moved approval of the June 15, 2016 minutes. The motion was seconded by Robert Yano and the minutes were approved unanimously.

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

Since there was no meeting, there was no recap.

3. ACTION: Presentation and Possible Action on FY 2014 Exhibit E Audit Report

Karyn Keese made a presentation. FYE 2014's "Schedule of Allocation for Billing to Metropolitan Wastewater Utility and

Independent Auditors Report” (Exhibit E Audit) was completed on June 27, 2016. (See Attachment A to these Minutes) There were two major changes to the billing and reconciliation that occurred this year: 1) For FYE 2014 the SS and COD percentages were determined from a new sample data set taken during the fiscal year and annual monitored flow and not cumulative sampling as previously done in prior audits. PUD staff will add data set points until the most recent 5-year rolling samples are obtained and used to determine the SS and COD. This is per the agreed upon Brown & Caldwell (B&C) (Revised: 20140409) recommendation from their 2013 Study. 2) In addition, in FYE 2014 the participating agencies (PAs) Operating Reserve was short of the 45 day requirement per the Admin Protocol. As done in the past, the necessary individual PA contribution was withheld in order to be in compliance. This can be found on Table B of the reconciliation.

EXPENDITURES AND INCOME CREDITS The final operating and capital expenses can be found on Page 3 of the Auditor’s Report. The year-end total \$185,843,139 is \$1.8 million (.97%) higher than FYE 2013. Highlights of the increase areas of expenditures for the year are: • Treatment costs increased at Pt. Loma due to such things as a new contract for cleaning Pt Loma's digesters (\$2,543,974), purchase of a 25-year easement Navy owned land (\$741,000), and an Increase in Ferrous Chloride use (\$382,203) which was necessary to meet regulatory limits while two digesters were out of service. • Engineering cost increased due to work on new contracts, including the South and North Metro Interceptors, the Condition Assessment of Large Pipelines and Pump Stations, Operation Optimization, and Pure Water Project . The total amount spent in the new contracts was \$2,461,227. • General and Administrative costs increased due to IT Data Center costs (\$400K), purchase of IT software (\$500K), a one-time audit finding of \$416K as discussed under the Findings section of this staff report, and additional required security services of \$677K. There was a major offset to the CIP and overall annual expenses by an increase to Metro Revenue of \$6.5 million over FYE 2013 which was due to more SRF reimbursements being received for the Pt Loma Grit Processing Project. Many FY13 expenditures were not reimbursed until FY14 by the State.

FINDINGS: As in prior years MGO issued a clean unqualified opinion. There were four findings out of all the samples tested which totaled \$1,048,890.71. The total of these finding increased the annual Metro operating expense this year. There were two minor findings totaling (\$16,448.82). The two major findings were: • It was discovered that the enterprise funds (water, wastewater, etc.) had not been charged for the annual MGO audit since 2008. All audit expenses have been paid by the San Diego General Fund in error. The statute of limitations of four years capped the Metro expense at \$416,068.77 with San Diego Muni customers assuming the costs of the other years • Chemicals that have been injected into the East Mission Bay Trunk Sewer for odor control and pre-treatment where charged in error to Muni when this is a Metro facility. The total adjustment for three years was \$649,270.76.

YEAR END RECONCILIATION Revised: 20140409 Table B of the year-end reconciliation shows the total PA share of the FYE 2014 operations and CIP costs and income credits of \$62,365,396. The Pas had collectively been billed \$65,361,075 and thus the total

refund of \$2,995,679 is due to the Pas. As discussed earlier the operations reserve is \$440,536 short and this has been deducted leaving the total refund to the Pas of \$2,555,142. Table B shows the individual amounts paid by each PA and the individual year-end prorated share of the expenses.

Roberto Yano moved approval to forward this to the August Metro JPA Finance Committee for review and approval. The motion was seconded by Peter Moote and carried unanimously.

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

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

5. REPORT: Update from Social Media Working Group

Alexander Heide, City of Poway, distributed a DRAFT of the proposed Social Media Policy (See Attachment A to these Minutes). He stated that the proposed document sets forth the policies that a JPA Social Media Coordinator would follow. The next steps would be to receive feedback and present to the JPA at a future meeting. They are recommending that an outside consultant be hired to keep consistency and avoid conflicts. The types of social media would be supplemental to the current JPA website. In closing, he requested comments and suggestions be forwarded to him for review and update at the next meeting.

6. REPORT: Update from Sample Rejection Protocol Working Group

Edgar Patino, City of San Diego stated they were in the process of setting up a meeting now that the Fiscal Year has begun and it will probably occur early next month. At that meeting a Chair will be established and future meetings calendared.

7. Metro Wastewater Update (Standing Item)

John Helminski, City of San Diego provided a presentation on Pure Water MWH Americas, Inc. contract amendment and recent Pure Water actions (Presentation included as Attachment B to these minutes). Julie Labonte, Program Manager for MWH explained why the Miramar pipeline is the chosen alternative vs. the San Vicente pipeline and reservoir storage as well as reviewed all task orders which had been authorized. Twenty-seven were ongoing and there were 8 new ones and that the total authorization to date was \$29,183,000. Of that amount, Wastewater task orders total \$10,328,000 and Water task orders are \$18,855,000. She then reviewed future task orders A-H. The original program management contract was for a period of five years and totaled \$30 million. The proposed contract amendment is for an additional \$16.4 million. Contract spending accelerated as a result of following:

- Formulation of new program delivery strategy to leverage new regulatory opportunities and reduce program costs
- New projects added to Phase 1 of Pure Water as a result of program delivery acceleration (30 mgd by 2021 instead of 2027) and low wastewater flows
- Morena Pump Station and Pipeline; North City Water Reclamation Plant (NCWRP) Expansion; Metro Biosolids Center (MBC) Improvements

In Summary:	Total	Wastewater	Water
Authorized	30M	11M	19M
Pending	16.4M	1.9M	14.5M
Contract Total	46.4M	12.9M	33.5M

Al Law, Padre Dam Municipal Water District, spoke to items 5, 23 and 19 and stated he felt the public outreach should be more on the water-side of the cost allocation. He would also like to see a detail of the rationale behind the items and why the 50/50 split was used. John Helminski stated that LeAnn Jones-Santos, City of San Diego, would be bringing forward a Pure Water Cost Allocation overview to TAC in August.

Dan Brogadir, County of San Diego commented that the wastewater agencies need to have dialogue and compare if going to secondary with lower flows is more cost effective than what is being done now with Pure Water and the responsibilities and costs being assigned to wastewater. Chairman Greg Humora stated that the benchmark was going to secondary.

Karyn Keese asked if North City had passed its stress test. Ms. Labonte stated that North City had passed however, some upgrades are needed for the plant to run at its full 30 MGD.

Al Law, questioned the original Katz & Associates contract for public outreach and made an inquiry as to difference in the contracts or if there was any overlap. John Helminski responded that the prior contract had expired (April 2016) and that the new Katz contract was included in the MWH task orders.

John Helminski, City of San Diego then provided a schedule of project delivery to be provided, the MWH contract, original terms & scope and remaining work, items 1-8.

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

Tung Phung, City of San Diego stated that they are working with the Finance staff on Fiscal Year end but will bring this back in September.

9. Financial Update (Standing Item)

Karyn Keese stated they had the kick off for the Fiscal Year 2016 Exhibit E Audit on Friday. This is the first time in years that the Exhibit E audit has begun on time.

Fiscal Year 2015 will be completed later in fall or by the beginning of the year due to the delay while MGO is working on the CAFR. The Fiscal Year 2014 is going to the Metro JPA Finance Committee in August and the Metro JPA in September.

10. MetroTAC Work Plan (Standing Item)

Karyn Keese stated that she had pulled all the completed items and the report was now down to two pages but still needs work. Two items on the second page had not had any recent updates. On the IRWMP, Steve Beppler of Otay Water District will check with Bob Kennedy. The latest update on the Waiver is that sometime between November 2016 and February 2017 San Diego should hear back from EPA.

11. Point Loma Permit Renewal (Standing Item)

Chairman Greg Humora stated the Stakeholders Working Group met on June 21. John Helminski, City of San Diego had advised that SB 163 Hertzberg wants to eliminate ALL discharges to the ocean. San Diego is tracking and the bill was pulled off the floor at this point. Additionally the City of San Diego received a \$5M grant for Pure Water. Padre Dam MWD did also. The next Stakeholder meeting will be in October.

Scott Tulloch of Atkins reported that the Water Reliability Coalition discussed gray water at their meeting..

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

None

13. Other Business of Metro TAC

None.

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

At 1:05 the meeting was adjourned.

Attachment A

Social Media DRAFT Policy

PURPOSE

This Social Media Policy ("Policy") establishes guidelines for the establishment and use by the Metro Wastewater Joint Powers Authority ("JPA") through its authorized employees and/or contractors of social media sites. The purpose of using Metro JPA social media sites is to disseminate information from the JPA, about the JPA, to members of the public.

The goal of the JPA's use of social media sites is to serve as an online information source focused on JPA issues, projects, news, and events. The JPA's social media activities will act as one-way communication, and will not serve as a public forum.

The JPA has an overriding interest and expectation in deciding what is "spoken" on behalf of the JPA on JPA social media sites. Therefore, all posting should be in accordance with the guidelines set below.

DEFINITIONS

1. "Social media sites" means content created by individuals, using accessible, expandable, and upgradable publishing technologies, through and on the Internet. Examples of social media include, but are not limited to, Facebook, Twitter, Blogs, RSS, YouTube, LinkedIn, and Flickr.
2. "Board" means the appointed members of the Board of the Metro JPA.
3. "Employees" means authorized employees of the JPA member agencies, as the JPA has no employees of its own, and activities and services of the JPA are performed by the Board, authorized employees of the JPA member agencies and/or JPA contractors.
4. "JPA social media sites" means social media sites which the JPA establishes and maintains, and over which it has control over all postings, except for advertisements or hyperlinks by the social media site's owners, vendors, or partners. JPA social media sites shall supplement, and not replace, the JPA's required notices and standard methods of communication.
5. "Posts" or "posting" means information, articles, pictures, videos, or any other form of communication posted on a JPA social media site.
6. "Comments" include information, articles, pictures, videos, or any other form of communicative content posted on a JPA social media site.

POLICY

1. The JPA's official website at <https://www.metrojpa.org> (or any other domain owned operated or maintained by the JPA) will remain the JPA's primary means of internet communication.

2. JPA social media sites should make clear that they are maintained by the JPA and that they follow the JPA's Social Media Policy.
3. Each JPA social media site shall include an introductory statement which clearly specifies the purpose and topical scope of the social network site. Where possible, social media sites should link back to the official JPA website for forms, documents and other information.
4. The JPA shall use social media sites as regularly as possible and in conjunction with other established JPA communication tools.
5. JPA social media sites shall comply with usage rules and regulations required by the site provider, including privacy policies.
6. JPA social media sites shall be managed consistent with the Brown Act, the Political Reform Act, and the California Elections Code. Board Members shall not respond to any published postings, or use any JPA sponsored social media site to respond to, blog or engage in serial meetings, or otherwise discuss, deliberate, or express opinions on any issue within the subject matter jurisdiction of the JPA, or for any political purpose. Board members must keep their social media presence separate from the JPA and other Board members' sites. Posts from JPA social media sites not pertaining to the subject matter jurisdiction of the body may be shared on their personal social media sites but no comments from Board officials are permitted on JPA owned, maintained, or operated social media sites.
7. All JPA social media sites shall adhere to applicable local, state, and federal laws regulations and policies. This includes adherence to established laws and policies regarding copyright, records retention, First Amendment, privacy laws, nondiscrimination and harassment laws, acceptable use of JPA owned or controlled digital equipment, internet access, and information security policies established by the JPA.
8. JPA social media sites are subject to the California Public Records Act. Any content maintained in a social media format that is related to JPA business, including a list of subscribers, posted communication, and communication submitted for posting, may be a public record subject to public disclosure.
9. Employees and/or contractors representing the JPA via JPA social media sites must conduct themselves at all times as a representative of the JPA and in accordance with all JPA policies.
10. All JPA social media sites shall utilize authorized JPA contact information for account set-up, monitoring, and access. The use of personal email accounts or phone numbers by any employee and/or contractors are not allowed for the purpose of setting-up, monitoring, or accessing a JPA social media site. Employees should use the official email and contact information of their employing member agency.

11. JPA social media sites may contain content, including but not limited to, advertisements or hyperlinks over which the JPA has no control. The JPA does not endorse any hyperlink or advertisement placed on JPA social media sites by the social media site's owners, vendors, or partners.
12. If a social media site allows the administrator to limit the type of advertising that will appear on the JPA's page, this feature should be enabled.
13. The Board reserves the right to change, modify, or amend all or part of this policy at any time.
14. The JPA reserves the right to terminate any JPA social media site at any time without notice.

PROCEDURE

1. The establishment and use of social media sites are subject to approval by the Board. Upon approval, JPA social media sites shall bear the name and/or official logo of the JPA. The Board has the authority to establish and/or terminate social media accounts and pages.
2. The Board Secretary shall maintain a list of all JPA social media sites, including login and password information, to allow for the immediate alteration or removal of content that is inappropriate or inconsistent with JPA policy.
3. A coordinator, as designated by the Board, will monitor content on JPA social media sites to ensure adherence to both the JPA's Social Media Policy and the interest and goals of the JPA.
4. JPA social media sites shall be established using only an authorized e-mail address of a JPA member agency.
5. Employees and/or contractors representing the JPA on social media sites shall conduct themselves at all times as a professional representative of the JPA and shall comply with all JPA policies.
6. Employees and/or contractors authorized to post to the JPA's social media sites shall not share personal information about himself or herself, or any other employee or contractor.
7. JPA social media sites shall clearly state that such sites are maintained by the JPA and that the sites comply with the JPA's Social Media Policy. This Policy shall be displayed to users on each social media site or made available by hyperlink.
8. JPA social media passwords shall not be shared with anyone not authorized to moderate the site.

9. Any employee and/or contractor who violates this Policy shall be denied access to all JPA social media sites and may be subject to additional punitive action.

GENERAL CONDITIONS AND RESTRICTIONS

1. All messages posted on social media website accounts on behalf of the JPA must:
 - Present the JPA in a positive light
 - Contain information that is freely available to the public and not confidential as defined by any JPA policy or local, state or federal law
 - Refrain from including personal information, with the exception of employees and/or contractors whose job duties include being a public contact
 - Comply with local, state and federal laws
2. When posting on behalf of the JPA to social media sites, employees and/or contractors shall only “endorse, like, follow or pin” (depending on the method of endorsement utilized by the social media application) the following: civic affiliated or other government related organizations, events sponsored/approved by the JPA and non-profit organizations that are partners with the JPA.
3. When posting on behalf of the JPA to social media sites, employees and/or contractors shall NOT “endorse, like, follow or pin”: any political groups or figures, political campaign pages, businesses or any pages unrelated to the business of the JPA.
4. JPA social networking content and comments containing any of the following forms of content shall be deleted or hidden:
 - Comments not topically related to JPA business
 - Profane language or content
 - Content that promotes, fosters or perpetuates discrimination on the basis of sex (including pregnancy, childbirth, breastfeeding or related medical conditions), race, religion (including religious dress and grooming practices), color, gender (including gender identity and gender expression), national origin (including language use restrictions and possession of a driver’s license issued under Vehicle Code section 12801.9), ancestry, physical or mental disability, medical condition, genetic information, marital status, registered domestic partner status, age, sexual orientation, military and veteran status or any other basis protected by federal, state or local law or ordinance or regulation.
 - Sexual content or links to sexual content, including nudity
 - Solicitations of commerce

- Conduct or encouragement of illegal activity
- Information that may tend to compromise the safety or security of the public or public systems
- Content that violates a legal ownership interest of any other party
- Potentially libelous comments
- Private or personal information published without consent
- Personal attacks, insults or threatening language (Users may use the site to express their dissatisfaction with a JPA program, event or customer service experience. This type of post is acceptable as long as it is not considered offensive material as previously provided)
- Commercial promotions or spam
- Hyperlinks to material that is not directly related to the discussion
- Repetitive posts copied and pasted by multiple users
- Information affiliated with or promoting political campaigns
- Images which may result in copyright infringement

Attachment B

Pure Water MWH Americas
Contract Amendment
& Task Order Changes

Public Utilities Department
Pure Water San Diego Program
Montgomery Watson Harza Americas, Inc.
Contract Amendment Presentation to the
Environment Committee
July 21, 2016

Background

- April 29, 2014 – City Council adopted resolution in support of the Pure Water San Diego Program.
- November 18, 2014 – City Council approved Mayor’s proposal to submit the renewal application for a modified National Pollutant Discharge Elimination System (NPDES) Permit for Point Loma Wastewater Treatment Plant and enter into a Cooperative Agreement between City and environmental stakeholders.
- December 9, 2014 – City Council approved 5-year As-Needed Technical Engineering Services Contract with Montgomery Watson Harza (MWH) Americas, Inc. for \$30 million.

MWH Contract – Original Scope

1. \$30 million for 5 years, expiring in January 2020
2. Provide program management, regulatory, and engineering support
3. Prepare preliminary designs for North City and South Bay Pure Water facilities, for 15 mgd of Pure Water production and continued recycled water delivery at both locations

Proposed Contract Amendment

1. Increases contract value by \$16.4 million from \$30.0 million to \$46.4 million; January 2020 expiration date remains unchanged
2. Supports Pure Water Program acceleration – deliver 30 mgd by 2021 instead of 2027, all of it from North City
3. Supports Miramar Project Feasibility Evaluation
4. Provides additional Consultant Services
 - Cogeneration Facility Project Development and Preliminary Design
 - Pure Water System Optimization
 - Value Engineering
 - Operator Readiness Plan

Remaining Work

1. Technical Evaluations

- Update City biosolids management plan, jar testing for Reverse Osmosis (RO) brine impacts on Point Loma, pilot studies for Miramar system impacts, Miramar Reservoir modeling

2. Preliminary Designs

- Cogeneration Facility, Metro Biosolids Center Improvements, centrate conveyance, Miramar Water Treatment Plant Improvements

3. Value Engineering

4. Technical reviews of final designs

5. Continue staff augmentation, reduce by 50% in FY2018 after all designs are complete

6. Operator Readiness Plan

Summary

- Original MWH Contract Value - \$30 million for 5 years
- Proposed Amendment - \$16.4 million (no time extension)
- Proposed Amended Total Contract Value - \$46.4 million
 - Water / Wastewater cost allocation – 72% (Water) / 28% (Wastewater)

Requested Action –
Approve proposed contract amendment

Questions?



www.PureWaterSD.org



Pure Water
San Diego



PureWaterSD



@PureWaterSD

Public Utilities Department

Pure Water – MWH Americas, Inc. Contract Amendment

Presentation to the Metro Technical Advisory Committee

John Helminski, Pure Water Program Manager

July 20, 2016



Summary of Recent Actions

- April 29, 2014 – City Council adopted resolution in support of the Pure Water San Diego Program.
- November 18, 2014 – City Council approved Mayor’s proposal to submit the renewal application for a modified NPDES Permit for Point Loma Wastewater Treatment Plant and enter into a Cooperative Agreement between City and environmental stakeholders.
- December 9, 2014 – City Council approved 5-year As-Needed Technical Engineering Services Contract with MWH Americas, Inc.
- January 12, 2016 – City Council approved the Design Professional Services Contract for the North City Conveyance System with HDR Inc.

Pure Water
will produce
1/3
of your water
locally

Phase 2

- 2035 Completion
- 53 mgd
- Central Area AWPf to San Vicente or Lake Murray
- South Bay AWPf to Lower Otay Reservoir (if needed)



Why Miramar Project is Superior

- Significantly less costly over life of infrastructure
- Environmentally superior alternative
 - Less impacts to sensitive habitats and wetlands
 - Less energy requirements and associated GHG emissions
- Greater long-term operational flexibility
- Less project delivery/schedule challenges



Authorized Task Orders

TO No.	Description	Total Cost	Wastewater Cost	Water Cost
1	Pure Water Program Initiation	\$2,113,000	\$1,056,500	\$1,056,500
2	Predesign of North City Upgrades	\$14,177,000	\$4,016,000	\$10,161,000
3	Reservoir Modeling	\$253,000	\$0	\$253,000
4	Impact of Pure Water on Water Treatment Plant Operations	\$424,000	\$0	\$424,000
5	PMO/Program Management Services	\$3,431,000	\$1,715,500	\$1,715,500
6	Stress Testing and In-Operation Capacity of the North City Water Reclamation Plant (NCWRP)	\$158,000	\$158,000	\$0
7	Cogeneration Evaluation for the NCWRP and North City Advanced Water Purification Facility (NCAWPF)	\$341,000	\$170,500	\$170,500
8	Conveyance Reservoir Inlet Analysis	\$173,000	\$0	\$173,000
9	Test Plan and Analysis for Prequalification and Preselection for NCAWPF	\$1,844,000	\$0	\$1,844,000
10	Technical Advisory Committee Support of North City Predesigns	\$60,000	\$30,000	\$30,000



Authorized Task Orders

TO No.	Description	Total Cost	Wastewater Cost	Water Cost
11	Impact of RO Brine on Wastewater Treatment Plant Operations	\$30,000	\$0	\$30,000
12	Regulatory Support for Phase I Projects	\$1,226,000	\$613,000	\$613,000
13	Strategic Oversight of Environmental Issues for the Pure Water Program	\$50,000	\$25,000	\$25,000
14	Phase 1 Environmental Site Assessment	\$20,000	\$0	\$20,000
15	Small Business Outreach	\$70,000	\$35,000	\$35,000
16	Centrate Management Options Study	\$98,000	\$98,000	\$0
17	Establish Pure Water Automation (i.e. COMNET) Requirements	\$260,000	\$130,000	\$130,000
18	Evaluate the Impacts of the NCWRP Expansion on the MBC	\$373,000	\$373,000	\$0
19	Public Outreach and Education Services	\$556,000	\$278,000	\$278,000
20	Operator Training for Future AWPf	\$122,000	\$0	\$122,000



Authorized Task Orders (Continued)

TO No.	Description	Total Cost	Wastewater Cost	Water Cost
21	Develop the Enterprise Level Control Strategy	\$57,000	\$29,000	\$29,000
22	Additional Modeling for Miramar Reservoir	\$426,000	\$0	\$426,000
23	Pure Water Program Management Services for FY17	\$2,161,000	\$1,080,000	\$1,080,000
24	Update the 2009 MBC Biosolids Process Evaluation	\$321,000	\$321,000	\$0
25	Value Engineering Review of Pure Water San Diego North City Projects	\$195,000	\$0	\$195,000
26	Evaluate Disposal Options for Centrate Generated at the MBC Facility	\$156,000	\$156,000	\$0
27	Update City Specification Sections 13300 and 13400	\$88,000	\$44,000	\$44,000
Total Authorized Amount to Date		\$29,183,000	\$10,328,000	\$18,855,000



Future Task Orders

TO No.	Description
A	Public Outreach Support (Cont)
B	Engineering Support During Detailed Design/ As-Needed
C	Technical Support of Cogen/ Biosolids DBFO
D	Brine Impacts – Bench Scale Testing
E	Miramar WTP Pilot Studies
F	Miramar WTP Improvements Predesign
G	O&M Readiness Plan
H	CM Program Planning

MWH Contract – Original Terms & Scope

1. \$30 million for 5 years
2. Scope: Provide program management services, including project management/controls, risk/change/quality management, regulatory permitting, engineering/pre-designs and technical support
3. Pre-design Scope: 15 mgd of pure water production from North City and South Bay facilities
4. Program Management Team
 - Prime Consultant: MWH, now part of Stantec
 - Major Subconsultants: Brown & Caldwell and Trussell Technologies
 - Team comprised of 40+ subconsultants

Remaining Work

1. Technical evaluations

- Update City biosolids management plan, jar testing for RO brine impacts on Point Loma, pilot studies for Miramar system impacts, Miramar Reservoir modeling

2. Preliminary designs

- Centrate conveyance, Miramar WTP Improvements, Co-gen facility RFQ/RFP

3. Regulatory support (DDW/RWQCB permits)



Remaining Work (Continued)

3. Technical and value engineering reviews of final designs
4. Pre-qualification/pre-selection of advance water treatment processes
5. Continue program management staff augmentation
 - Reduce by 50% in FY18 after all designs are complete
6. O&M Readiness Plan and operator training
7. Public outreach support

MWH Contract – Proposed Amendment

Increase contract value by \$16.4 million to \$46.4 million;
Contract spending accelerated as a result of following:

- Formulation of new program delivery strategy to leverage new regulatory opportunities and reduce program costs
- New projects added to Phase 1 of Pure Water as a result of program delivery acceleration (30 mgd by 2021 instead of 2027) and low wastewater flows
 - Morena Pump Station and Pipeline; North City Water Reclamation Plant (NCWRP) Expansion; Metro Biosolids Center (MBC) Improvements



MWH Contract – Proposed Amendment

(Continued)

- Additional/unanticipated scope items:
 - Co-generation Facility; biosolids management; pre-qualification/pre-selection of key advanced water treatment facilities; various studies to assess impacts on existing facilities; reservoir modeling; operator training; enterprise-level control strategy



Summary

	Estimated Costs		
Category	Total	Wastewater	Water
Authorized*	\$30 million	\$11 million	\$19 million
Pending	\$16.4 million	\$1.9 million	\$14.5 million
Amended Contract Total	\$46.4 million	\$12.9 million	\$33.5 million

* Authorized NTE cost for Contract. Actual cost encumbered thus far is \$29M.



Questions?



Item 3

Morena Pump Station and Conveyance System

METRO JPA/TAC
Staff Report
Date:

Project Title:

Morena Pump Station and Conveyance System

Requested Action:

Request to approve the agreement between the City of San Diego and AECOM for design engineering services for Morena Pump Station and Conveyance System (H166635).

Recommendations:

Approve the requested action.

Metro TAC:	This action is anticipated to be presented on August 17, 2016.
------------	--

IROC:	N/A
-------	-----

Prior Actions: (Committee/Commission, Date, Result)	This action is anticipated to be presented to the Environmental Committee on September 15, 2016.
---	--

Fiscal Impact:

Is this projected budgeted?	Yes <u>X</u> No ____
-----------------------------	----------------------

Cost breakdown between Metro & Muni:	It is estimated that the funding will be allocated as follows: Water: 43% (approximately \$6.8 million), Wastewater: 57% (approximately \$9.1 million) Metro: 100%, Muni: 0%). The total contract amount is \$15,875,255.00.
---	---

Fiscal impact to the Metro JPA:	33.5% of Metro cost (approximately \$3 million).
------------------------------------	--

Capital Improvement Program:

New Project?	Yes <u>X</u> No ____ N/A ____
--------------	-------------------------------

Existing Project?	Yes ____ No <u>X</u> Upgrade/addition ____ Change ____
-------------------	--

Previous TAC/JPA Action:

None

Additional/Future Action:

None

City Council Action:

City Council approval of the proposed agreement is anticipated on October 4, 2016.

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

San Diego's imported water supplies face increasing stresses from a variety of sources. As a result, the region's supplies are becoming less reliable and more expensive. These circumstances, and the threat limitation on San Diego's water supplies, have intensified the need for new sources of water. Pure Water San Diego is the City of San Diego's (City) 20-year program to provide a safe, secure and sustainable local drinking water supply for San Diego. Recycled water will be turned into drinkable water through the use of water purification technology. Further, Pure Water's system-wide reuse will significantly reduce flows to the Point Loma Wastewater Treatment Plant (PLWTP) and will make San Diego more water independent. On April 29, 2014, City Council adopted Resolution Number R-308906 supporting the Pure Water Program.

One of the facilities proposed under the Pure Water Program is the Morena Pump Station and Conveyance System (MPS). This system will take wastewater from Morena Blvd. near Friars

Road and pump it approximately 11 miles north, to the North City Water Reclamation Plant (NCWRP) via a new 48-inch sewer force main. The additional wastewater is needed by the NCWRP to support both recycled water customer demands, and to provide tertiary -treated water to the future North City Advanced Water Purification Facility (NCAWPF). Brine, a byproduct of the purification process, will then be conveyed approximately 11 miles back to the North Mission Valley Interceptor Sewer on Friars Road, via a 24-inch pipeline.

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

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

In April 2016, the City advertised for an Engineering and Technical Services Consultant to perform design engineering services for the MPS. Five proposals were received and a selection committee was formed in compliance with City Policy 300-7. All five proposers were interviewed. AECOM was selected as the most qualified firm. The proposed contract with AECOM will be for five years and will cover engineering design services, and support during bidding and construction. The total contract amount will be \$15,875,255.

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

N/A

Item 5

Social Media Working Group
DRAFT Policy

PURPOSE

This Social Media Policy ("Policy") establishes guidelines for the establishment and use by the Metro Wastewater Joint Powers Authority ("JPA") through its authorized employees and/or contractors of social media sites. The purpose of using Metro JPA social media sites is to disseminate information from the JPA, about the JPA, to members of the public.

The goal of the JPA's use of social media sites is to serve as an online information source focused on JPA issues, projects, news, and events. The JPA's social media activities will act as one-way communication, and will not serve as a public forum.

The JPA has an overriding interest and expectation in deciding what is "spoken" on behalf of the JPA on JPA social media sites. Therefore, all posting should be in accordance with the guidelines set below.

DEFINITIONS

1. "Social media sites" means content created by individuals, using accessible, expandable, and upgradable publishing technologies, through and on the Internet. Examples of social media include, but are not limited to, Facebook, Twitter, Blogs, RSS, YouTube, LinkedIn, and Flickr.
2. "Board" means the appointed members of the Board of the Metro JPA.
3. "Employees" means authorized employees of the JPA member agencies, as the JPA has no employees of its own, and activities and services of the JPA are performed by the Board, authorized employees of the JPA member agencies and/or JPA contractors.
4. "JPA social media sites" means social media sites which the JPA establishes and maintains, and over which it has control over all postings, except for advertisements or hyperlinks by the social media site's owners, vendors, or partners. JPA social media sites shall supplement, and not replace, the JPA's required notices and standard methods of communication.
5. "Posts" or "posting" means information, articles, pictures, videos, or any other form of communication posted on a JPA social media site.
6. "Comments" include information, articles, pictures, videos, or any other form of communicative content posted on a JPA social media site.

POLICY

1. The JPA's official website at <https://www.metrojpa.org> (or any other domain owned operated or maintained by the JPA) will remain the JPA's primary means of internet communication.

2. JPA social media sites should make clear that they are maintained by the JPA and that they follow the JPA's Social Media Policy.
3. Each JPA social media site shall include an introductory statement which clearly specifies the purpose and topical scope of the social network site. Where possible, social media sites should link back to the official JPA website for forms, documents and other information.
4. The JPA shall use social media sites as regularly as possible and in conjunction with other established JPA communication tools.
5. JPA social media sites shall comply with usage rules and regulations required by the site provider, including privacy policies.
6. JPA social media sites shall be managed consistent with the Brown Act, the Political Reform Act, and the California Elections Code. Board Members shall not respond to any published postings, or use any JPA sponsored social media site to respond to, blog or engage in serial meetings, or otherwise discuss, deliberate, or express opinions on any issue within the subject matter jurisdiction of the JPA, or for any political purpose. Board members must keep their social media presence separate from the JPA and other Board members' sites. Posts from JPA social media sites not pertaining to the subject matter jurisdiction of the body may be shared on their personal social media sites but no comments from Board officials are permitted on JPA owned, maintained, or operated social media sites.
7. All JPA social media sites shall adhere to applicable local, state, and federal laws regulations and policies. This includes adherence to established laws and policies regarding copyright, records retention, First Amendment, privacy laws, nondiscrimination and harassment laws, acceptable use of JPA owned or controlled digital equipment, internet access, and information security policies established by the JPA.
8. JPA social media sites are subject to the California Public Records Act. Any content maintained in a social media format that is related to JPA business, including a list of subscribers, posted communication, and communication submitted for posting, may be a public record subject to public disclosure.
9. Employees and/or contractors representing the JPA via JPA social media sites must conduct themselves at all times as a representative of the JPA and in accordance with all JPA policies.
10. All JPA social media sites shall utilize authorized JPA contact information for account set-up, monitoring, and access. The use of personal email accounts or phone numbers by any employee and/or contractors are not allowed for the purpose of setting-up, monitoring, or accessing a JPA social media site. Employees should use the official email and contact information of their employing member agency.

11. JPA social media sites may contain content, including but not limited to, advertisements or hyperlinks over which the JPA has no control. The JPA does not endorse any hyperlink or advertisement placed on JPA social media sites by the social media site's owners, vendors, or partners.
12. If a social media site allows the administrator to limit the type of advertising that will appear on the JPA's page, this feature should be enabled.
13. The Board reserves the right to change, modify, or amend all or part of this policy at any time.
14. The JPA reserves the right to terminate any JPA social media site at any time without notice.

PROCEDURE

1. The establishment and use of social media sites are subject to approval by the Board. Upon approval, JPA social media sites shall bear the name and/or official logo of the JPA. The Board has the authority to establish and/or terminate social media accounts and pages.
2. The Board Secretary shall maintain a list of all JPA social media sites, including login and password information, to allow for the immediate alteration or removal of content that is inappropriate or inconsistent with JPA policy.
3. A coordinator, as designated by the Board, will monitor content on JPA social media sites to ensure adherence to both the JPA's Social Media Policy and the interest and goals of the JPA.
4. JPA social media sites shall be established using only an authorized e-mail address of a JPA member agency.
5. Employees and/or contractors representing the JPA on social media sites shall conduct themselves at all times as a professional representative of the JPA and shall comply with all JPA policies.
6. Employees and/or contractors authorized to post to the JPA's social media sites shall not share personal information about himself or herself, or any other employee or contractor.
7. JPA social media sites shall clearly state that such sites are maintained by the JPA and that the sites comply with the JPA's Social Media Policy. This Policy shall be displayed to users on each social media site or made available by hyperlink.
8. JPA social media passwords shall not be shared with anyone not authorized to moderate the site.

9. Any employee and/or contractor who violates this Policy shall be denied access to all JPA social media sites and may be subject to additional punitive action.

GENERAL CONDITIONS AND RESTRICTIONS

1. All messages posted on social media website accounts on behalf of the JPA must:
 - Present the JPA in a positive light
 - Contain information that is freely available to the public and not confidential as defined by any JPA policy or local, state or federal law
 - Refrain from including personal information, with the exception of employees and/or contractors whose job duties include being a public contact
 - Comply with local, state and federal laws
2. When posting on behalf of the JPA to social media sites, employees and/or contractors shall only “endorse, like, follow or pin” (depending on the method of endorsement utilized by the social media application) the following: civic affiliated or other government related organizations, events sponsored/approved by the JPA and non-profit organizations that are partners with the JPA.
3. When posting on behalf of the JPA to social media sites, employees and/or contractors shall NOT “endorse, like, follow or pin”: any political groups or figures, political campaign pages, businesses or any pages unrelated to the business of the JPA.
4. JPA social networking content and comments containing any of the following forms of content shall be deleted or hidden:
 - Comments not topically related to JPA business
 - Profane language or content
 - Content that promotes, fosters or perpetuates discrimination on the basis of sex (including pregnancy, childbirth, breastfeeding or related medical conditions), race, religion (including religious dress and grooming practices), color, gender (including gender identity and gender expression), national origin (including language use restrictions and possession of a driver’s license issued under Vehicle Code section 12801.9), ancestry, physical or mental disability, medical condition, genetic information, marital status, registered domestic partner status, age, sexual orientation, military and veteran status or any other basis protected by federal, state or local law or ordinance or regulation.
 - Sexual content or links to sexual content, including nudity
 - Solicitations of commerce

- Conduct or encouragement of illegal activity
- Information that may tend to compromise the safety or security of the public or public systems
- Content that violates a legal ownership interest of any other party
- Potentially libelous comments
- Private or personal information published without consent
- Personal attacks, insults or threatening language (Users may use the site to express their dissatisfaction with a JPA program, event or customer service experience. This type of post is acceptable as long as it is not considered offensive material as previously provided)
- Commercial promotions or spam
- Hyperlinks to material that is not directly related to the discussion
- Repetitive posts copied and pasted by multiple users
- Information affiliated with or promoting political campaigns
- Images which may result in copyright infringement

Item 10

MetroTAC Work Plan

Metro TAC Work Plan Active & Pending Items 2016

Active Items	Description	Member(s)
Sample Rejection Protocol Working Group	7/16: The sample rejection protocol from the B&C 2013 report has been under discussion between PUD staff and Metro TAC. A working group was formed to deal with this highly technical issue and prepare draft recommendations on any changes to current sampling procedures. Any protocol recommendations will not be implemented until FY 2017.	Dennis Davies Dan Brogadir Al Lau Dexter Wilson SD staff
PLWTP Permit Ad Hoc Work Group	8/15: Greg Humora and Scott Tulloch continue to meet with stakeholders. Cost allocation subcommittee continues to meet with City staff. Milestones are included in each month Metro TAC and Commission agenda packet.	Greg Humora Scott Tulloch SD staff & consultants Enviro members
Flow Commitment Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to review the Flow Commitment section of the Regional Agreement and make recommendations on the fiscal responsibilities of members who might withdraw their flow from the Metro System. The Work Group held their first meeting June 24, 2016. Yazmin Arellano will chair the work group. 7/16: The work group continues to meet prior to Metro TAC meetings.	Greg Humora Yazmin Arellano Roberto Yano Eric Minicilli Al Lau SD staff Karyn Keese
Social Media Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to research and provide input on the creation of policies and procedures for Metro JPA social media. Mike Obermiller will chair this work group. He sent out an email to all Metro TAC members requesting copies of their agency's policies. 6/16: Mike will present a draft of the policy to Metro TAC at their July 2016 meeting. <i>7/16: Alexander Heide, City of Poway, distributed a draft of the proposed Social Media Policy. He requested input from Metro TAC members.</i>	Greg Humora Mike Obermiller
Secondary Equivalency	5/14: Definition of secondary equivalency for Point Loma agreed to be enviros 12/14: Cooperative agreement signed between San Diego and enviros to work together to pass legislation for secondary equivalency (until 8/1/19) San Diego indicated that passage of Federal legislation is not possible under the current political environment. San Diego is exploring options for State legislation 9/15: Letter received from EPA endorsing modified permit for Point Loma 6/16: Pursuit of Federal Legislation will be held off until after the November 2016 election.	Greg Humora Scott Tulloch
Pure Water Program Cost Allocation Ad Hoc Work Group	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers. The goal is to have numbers in December 2015.	Greg Humora Scott Tulloch Roberto Yano Karyn Keese SD staff & consultants
Pure Water Program Cost Allocation Metro TAC Work Group	5/14: Draft facility plan and cost allocation table provided to Metro TAC working group 3/15: Draft cost allocation presentation provided to Metro TAC	Greg Humora Scott Tulloch Rick Hopkins Roberto Yano Al Lau Bob Kennedy Karyn Keese

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

Active Items	Description	Member(s)
Exhibit E Audit	10/15: FY13 and FY14 expected to be complete by end of 2015. 6/16: FYE 2013 audit accepted by Metro Commission; FYE 2014 and FYE 2015 will be completed by end of the summer 2016. 7/16: FYE 2014 audit completed June 27, 2016.	Karyn Keese Karen Jassoy
Amend Regional Wastewater Disposal Agreement	The addition of Pure Water facilities and costs will likely require the amendment of the 1998 Regional Wastewater Disposal Agreement. The Padre Dam billing errors have led to a need to either amend the Agreement and/or develop administrative protocols to help resolve potential future billing errors. The goal is to begin this effort in December 2015.	Greg Humora Roberto Yano Dan Brogadir Paula de Sousa Mills Karyn Keese
Management of Non-Disposables in Wastewater	9/13: Eric Minicilli handed out a position paper prepared by the NEWEA. 6/15 Chairman Humora provided attached from SCAP. 2/16: Chairman Humora distributed Robbins Geller Rudman & Dowd memorandum.	Eric Minicilli
2015/16 Transportation Rate Update	5/14: Metro TAC approved 2014 transportation rate w/caveat that PUD staff hires a consultant to review/revise methodology for 2015.	Al Lau Dan Brogadir Karyn Keese
IRWMP	8/15 RAC minutes included in August Metro TAC agenda. Padre Dam received a \$6 million grant for their project. <i>7/16: Need an update.</i>	Bob Kennedy Steve Beppler Greg Humora
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of pharmaceutical collection events within the region sponsored by law enforcement.	Greg Humora
Strength Based Billing Evaluation	San Diego will hire a consultant every three years to audit the Metro metered system to insure against billing errors.	Al Lau Dan Brogadir Karyn Keese
Grease Recycling	To reduce fats, oils, and grease (FOG) in the sewer systems, more and more restaurants are being required to collect and dispose of cooking grease. Companies exist that will collect the grease and turn it into energy.	Eric Minicilli
Point Loma Modified NPDES Permit	1/15: Permit was submitted. EPA has commented that they do not expect to review until 2016 and expect to issue permit in August 2016. <i>7/16: Need to update.</i>	Greg Humora Scott Tulloch Karyn Keese
Changes in water legislation	Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	Paula de Sousa Mills
Border Region	Impacts of sewer treatment and disposal along the international border should be monitored and reported to the Board. These issues would directly affect the South Bay plants on both sides of the border.	Bill Sandke Ed Spriggs

Metro TAC Participating Agencies Selection Panel Rotation

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

Lemon Grove	Mike James	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
National City	Joe Smith	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Coronado	Godby, Kim	MBC Dewatering Centrifuges Replacement (Passed)	01/2012
Otay Water District	Bob Kennedy	MBC Dewatering Centrifuges Replacement (Accepted)/Strategic Planning Rep	01/2012
Del Mar	Eric Minicilli	New As Need Engineering Contract	02/2012
Padre Dam	Al Lau	PA Rep. for RFQ for As Needed Design Build Services (Passed)	05/2012
County of San Diego	Dan Brogadir	PA Rep. for RFQ for As Needed Design Build Services (Cancelled project)	05/2012
Chula Vista	Roberto Yano	As-Needed Condition Assessment Contract (Accepted)	06/2012
La Mesa	Greg Humora	New programmatic wastewater facilities condition (Awaiting Response)	11/2012
Poway	Tom Howard	Optimization Review Study	01/2013
El Cajon	Dennis Davies	PUD 2015 Annual Strategic Plan	1/15/14
Lemon Grove	Mike James	As-Needed Engineering Services (Passed)	7/25/14
National City	Kuna Muthusamy	As-Needed Engineering Services	7/25/14
Coronado	Ed Walton	Strategic Planning	01/2014
Otay Water District	Bob Kennedy	Strategic Planning (Volunteered, participated last year)	01/2014
Del Mar	Eric Minicilli	Pure Water Program Manager Services	9/1/14
Padre Dam	Al Lau	Pure Water Program Manager Services	9/1/14
County of San Diego	Dan Brogadir	As-Needed Condition Assessment Contract	3/24/2015
Chula Vista	Roberto Yano	Out on Leave	6/10/15
La Mesa	Greg Humora	North City to San Vicente Advanced Water Purification Conveyance System	6/10/15
Poway	Mike Obermiller	Real Property Appraisal, Acquisition, and Relocation Assistance for the Public Utilities Department	11/30/15
El Cajon	Dennis Davies	PURE WATER RFP for Engineering Design Services	12/22/15
Lemon Grove	Mike James	PURE WATER RFP Engineering services to design the North City Water reclamation Plant and Influence conveyance project	03/16/15
National City	Kuna Muthusamy	Passes	04/04/2016
Coronado	Ed Walton	As-Needed Environmental Services - 2 Contracts	04/04/2016
Otay Water District	Bob Kennedy	As Needed Engineering Services Contract 1 & 2	04/11/2016
Del Mar	Eric Minicilli		
Padre Dam	Al Lau		
County of San Diego	Dan Brogadir		
Chula Vista	Roberto Yano		
La Mesa	Greg Humora		
Poway	Tom Howard		
El Cajon	Dennis Davies		
Lemon Grove	Mike James		

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

Metro Member Agencies Sewer Rate Comparison

7 Unit Water Use and 3/4" Residential Meter

Sewer bill effective January 2016

Blue bars denote water based sewer rates; purple denotes EDU based rates

