



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

**AGENDA**

**Thursday, October 5, 2017  
12:00 p.m.**

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

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

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

Documentation  
Included

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE TO THE FLAG
3. PUBLIC COMMENT

*Persons speaking during Public Comment may address the Metro Commission/ Metro Wastewater JPA on any subject matter within the jurisdiction of the Metro Commission and/or Metro Wastewater JPA that is not listed as an agenda item. Comments are limited to three (3) minutes. Please complete a Speaker Slip and submit it prior to the start of the meeting.*
- X 4. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETING OF [September 7, 2017](#) (**Attachment**)
- X 5. **PRESENTATION:** COUNTY OF SAN DIEGO STORMWATER CAPTURE/USE FEASIBILITY STUDY (Stephanie Gaines, County of San Diego, Program Coordinator, Watershed Protection Program)
- X 6. **ACTION:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE SOUTH BAY WATER RECLAMATION PLANT (SBWRP) LOOP CONTROL SYSTEM & VALVE MASTER STATION IMPROVEMENTS (Albert Sohikish) (**Attachment**)

October 5, 2017

Metro Commission/Metro  
Wastewater JPA Regular  
Meeting Agenda

- |   |  |
|---|--|
| X | 7. <b><u>ACTION:</u></b> CONSIDERATION AND POSSIBLE ACTION TO APPROVE A CONTRACT WITH CALIFORNIA WATER TECHNOLOGIES TO PROVIDE FERROUS CHLORIDE AS MAY BE NEEDED FOR WASTEWATER FACILITIES IN THE PUBLIC UTILITIES DEPARTMENT (Juan Guerreiro) ( <b>Attachment</b> ) |
| X | 8. <b><u>ACTION:</u></b> CONSIDERATION AND POSSIBLE ACTION TO APPROVE A CONTRACT WITH POLYDYNE, INC., TO PROVIDE MANNICH POLYMER AS MAY BE NEEDED FOR WASTEWATER FACILITIES IN THE PUBLIC UTILITIES DEPARTMENT (Juan Guerreiro) ( <b>Attachment</b> )                |
| X | 9. <b><u>ACTION:</u></b> CONSIDERATION AND POSSIBLE ACTION TO APPROVE A CONSTRUCTION CONTRACT TO REPAIR DEFECTIVE PIPE JOINT LINER ON THE ROSE CANYON TRUNK SEWER (Abi Palaseyed) ( <b>Attachment</b> )  |
| X | 10. METRO TAC UPDATE/REPORT ( <b>Attachment</b> ) (Greg Humora)  |
|   | 11. CITY OF SAN DIEGO SECONDARY EQUIVALANCY LEGISLATION  |
|   | 12. PURE WATER PROGRAM UPDATE (Standing Item) (John Helminski)   |
|   | 13. IROC UPDATE (Ed Spriggs)   |
|   | 14. FINANCE COMMITTEE (John Mullin)  |
|   | 15. REPORT OF GENERAL COUNSEL (Paula de Sousa Mills)   |
|   | 16. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING <b>November 7, 2017</b>   |
|   | 17. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS   |
|   | 18. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA   |

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

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

***In compliance with the***

October 5, 2017

Metro Commission/Metro  
Wastewater JPA Regular  
Meeting Agenda

**AMERICANS WITH DISABILITIES ACT**

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

**Metro JPA 2017 Meeting Schedule**

January 5, 2017	February 2, 2017	March 2, 2017
April 6, 2017	May 4, 2017	June 1, 2017
July 6, 2017	August 3, 2017	September 7, 2017
October 5, 2017	November 2, 2017	December 7, 2017

**Attachment 4**  
**Action Minutes of**  
**September 7,**  
**2017**



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

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

**September 7, 2017  
DRAFT Minutes**

Chairman Jones called the meeting to order at 12:04 p.m. A quorum of the Metro Wastewater JPA and Metro Commission was declared, and the following representatives were present:

**1. ROLL CALL**

<u><b>Agencies</b></u>	<u><b>Representatives</b></u>		<u><b>Alternate</b></u>
City of Chula Vista	Steve Padilla		(No representative)
City of Coronado	Richard Bailey		Whitney Benzian
City of Del Mar	Sherryl Parks	X	
City of El Cajon	Ben Kalasho	X	
City of Imperial Beach	Ed Spriggs	X	
City of La Mesa	Bill Baber	X	
Lemon Grove San District	Jerry Jones	X	
City of National City	Jerry Cano	X	Albert Mendivil
City of Poway	John Mullin		Mike Obermiller
County of San Diego	Dianne Jacob		(No representative)
Otay Water District	Mark Robak	X	
Padre Dam MWD	Jim Peasley	X	
Metro TAC Chair	Greg Humora	X	

Others present: Metro JPA General Counsel Paula deSousa Mills Assistant General Counsel Nicholaus Norvell - BBK Law; Metro JPA Secretary Lori Anne Peoples;; Roberto Yano – City of Chula Vista; Ed Walton – City of Coronado; Yazmin Arellano and Dennis Davies – City of El Cajon; Mike James and Dexter Wilson – Lemon Grove Sanitation District; Al Lau and Augie Scalzetti - Padre Dam MWD; Mike Obermiller – City of Poway; Halla Razak, Lee Ann Jones-Santos, Seth Gates and Edgar Patino - City of San Diego Public Utilities

**2. PLEDGE OF ALLEGIANCE TO THE FLAG**

Vice Chair Peasley led the pledge.

**3. PUBLIC COMMENT**

None

**4. ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MINUTES OF THE REGULAR MEETINGS OF April 6, 2017 and June 1, 2017**

**ACTION:** Upon motion by Commissioner Robak, seconded by Vice Chair Peasley, the minutes were continued by unanimous vote.

**5. INFORMATION: UPDATE FROM CITY OF SAN DIEGO ON SECONDARY EQUIVALENCY LEGISLATION**

Halla Razak, Director of PUD, City of San Diego introduced Patrick Bouteller, Director of Government Relations from the Mayor's Office. Mr. Bouteller reported that he and Mayor Faulkner had made a trip to Washington DC where they feel they had made progress with Congressional Representatives Peters and Hunter. Interest was expressed in introducing a bill and Mr. Bouteller will be working closely with Legislative staff and they are hoping to have something to introduce shortly, once feedback is received, although they anticipate a tough uphill climb on the Senate side.

Vice Chair Peasley asked if the regulatory administrative fix is received, will the City of San Diego still move forward with a legislative fix? Mr. Bouteller confirmed that yes they would and that the City of San Diego felt that there was value in pursuing both the administrative fix and legislative fix.

Commissioner Spriggs offered support on behalf of his City on the Senate side.

Chairman Jones inquired as if Congressman Issa had been approached to which he received an affirmative, noting that his office was familiar with the Metro JPA's goal.

Mr. Bouteller stated that the next step was working with the Mayor to wrap up the language details which included meeting with local representatives Hunter etc. and pledged that information will be shared with the Metro JPA along the way.

**6. ACTION: CONSIDERATION AND POSSIBLE ACTION ON ESTABLISHING A METRO JPA PURE WATER AD HOC COMMITTEE, THE PURPOSE OF WHICH IS:**

- **EXPLORING THE FEASIBILITY OF A METRO JPA DRIVEN LOBBYING EFFORT FOR A LEGISLATIVE FIX FOR SECONDARY**
- **MONITORING THE INITIAL PHASE OF PURE WATER AS IT MOVES AHEAD**

Alternate Commissioner Obermiller expressed concerns with circumventing the City of San Diego Process. Chair Jones stated he was looking to become more involved as advocates, using contacts and that everything would come back to the full JPA Board for approval.

**ACTION:** Chair Jones stated he would like to nominate an Ad Hoc committee of himself, Vice Chair Peasley, Commissioners Baber, Padilla and Spriggs. The motion was seconded by Commissioner Parks and carried unanimously.

**7. ACTION: CONSIDERATION AND POSSIBLE ACTION ON ADOPTION OF RESOLUTION AMENDING METRO JPA BYLAWS TO INCLUDE A PROCESS FOR THE NOMINATION OF THE CHAIR AND VICE CHAIR**

General Counsel de Sousa Mills stated that this item was the result of a request by the Board to have a formal process for future, optional, discretion of the JPA regarding the nomination of a Chair and Vice Chair.

**ACTION:** Motion by Vice Chair Peasley, seconded by Commissioner Robak and carried unanimously to adopt the resolution.

**8. METRO TAC/UPDATE REPORT**

MetroTAC Chair Humora stated there were no action items from the City of San Diego. They are continuing to meet with the City on the Pure Water program.

**9      POINT LOMA PERMIT RENEWAL UPDATE**

MetroTAC Chairman Humora stated there was nothing new to add.

Ms. Razak reported that the paperwork was finalized and the clock started on the next 5 years a couple weeks ago.

**10.    PURE WATER PROGRAM UPDATE**

Ms. Razak stated staff was busy working at 60% design stage on some of the facilities; EIR has been released today with workshops being scheduled to gather input; 10/21 the City is holding the 2<sup>nd</sup> Annual Open House for the demonstration facility; they are doing outreach for construction aspects of the Phase 1 Project.

**11.    IROC UPDATE**

Commissioner Spriggs stated they had a tour of the Pt. Loma Facility at their last meeting which he did not attend.

**12.    FINANCE COMMITTEE**

There was no report as Finance Chair Mullin was not present, nor had there been a meeting.

**13.    REPORT OF GENERAL COUNSEL**

General Counsel de Sousa Mills stated they were awaiting the end of the Legislative season in Sacramento to determine what will need to be done.

Ms. De Sousa Mills then introduced here new colleague, Nicholas Norvell.

**14.    PROPOSED AGENDA ITEMS FOR THE NEXT REGULAR METRO COMMISSION/METRO WASTEWATER JPA MEETING OF October 5, 2017**

Possible discussion of the EIR (Deadline November 7)

**15.    METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS**

None.

**16.    ADJOURNMENT**

At 12:36 p.m., there being no further business, Commissioner Jones declared the meeting adjourned.

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Recording Secretary

Attachment 5  
SD County  
Stormwater  
Capture/Use  
Feasibility Study

# REGIONAL STORMWATER CAPTURE & USE FEASIBILITY STUDY

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Stephanie Gaines

COSD Watershed Protection Program

Study Update to Metro Wastewater JPA TAC

9/20/17

# Project Team

County of San Diego – *Stephanie Gaines*

ESA – *David Pohl, Lindsey Sheehan*

Brown & Caldwell – *Lisa Skutecki*

Burns & McDonnell – *Steve Gruber*

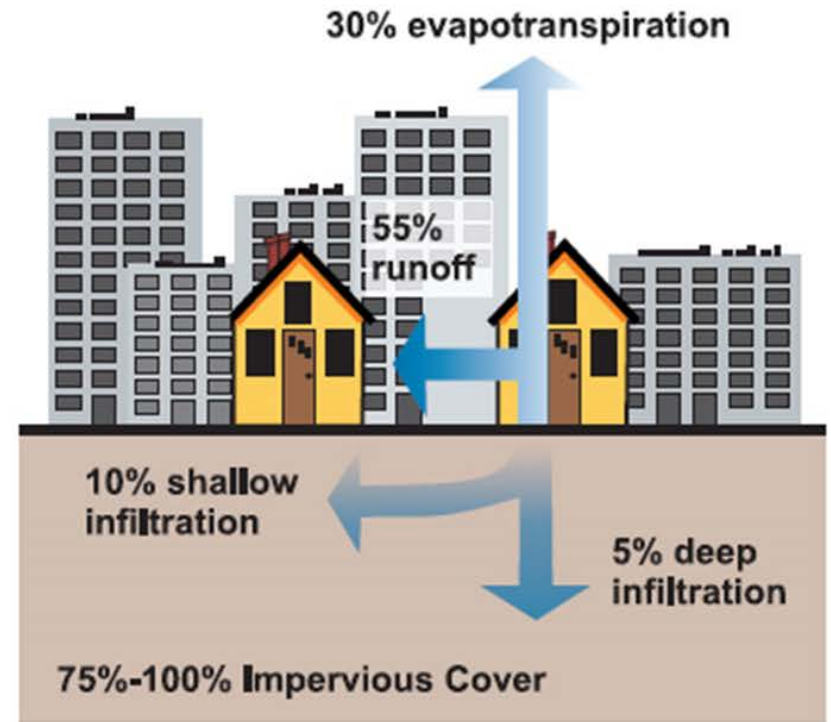
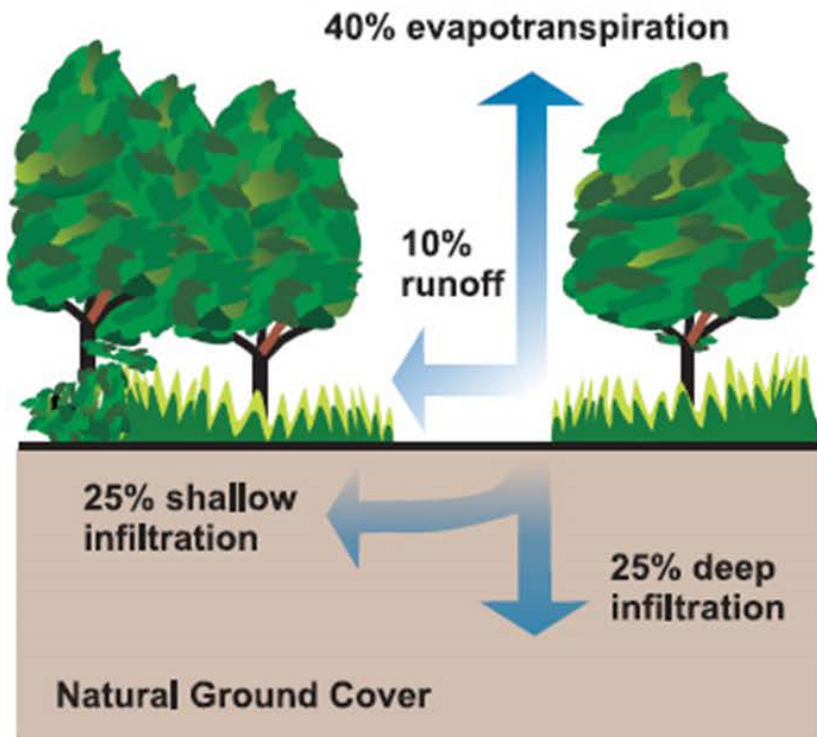
Katz & Associates – *Lewis Michaelson, Natalia Hentschel*

# Project Purpose

Provide a County-wide analysis to **determine the feasibility** of planning, constructing, operating, and managing facilities that **capture and use stormwater** beneficially.



# Project Purpose



Up to 55% Runoff

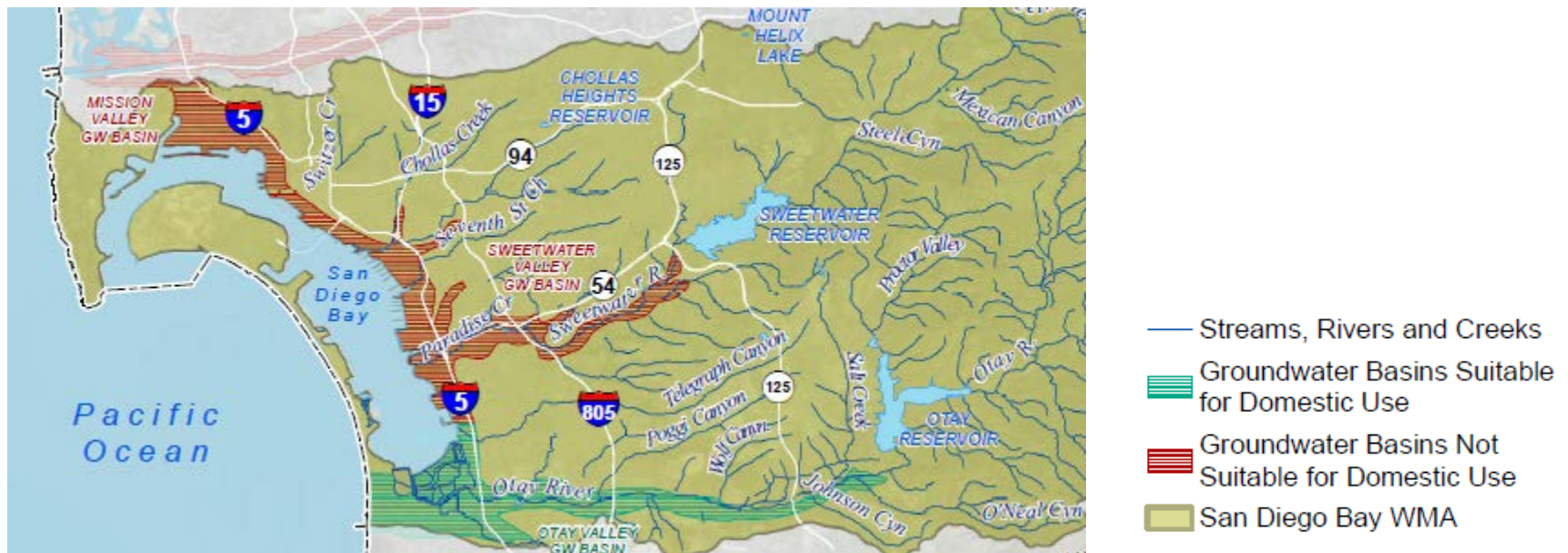
- Where are the opportunities?

# Project Overview- Feasibility Report



# Project Overview - Data Collection

- Existing watershed conditions
- Inventory of stormwater capture facilities
- Current plans and studies
- Regulatory framework



# Project Overview - Feasibility Analysis

- Technical Feasibility Analysis of Stormwater Capture & Use Memo
  - Description and rationale for modeling approach
  - Model results and analyses
  - Conclusions on opportunities and constraints

```
graph LR; A[Collection and distribution to storage] --> B[Retention and storage]; B --> C[Identification of beneficial uses]; C --> D[Distribution to treatment system]; D --> E[Treatment for beneficial use]; E --> F[Distribution to end user];
```

Collection  
and  
distribution  
to storage

Retention  
and storage

Identification  
of beneficial  
uses

Distribution  
to treatment  
system

Treatment  
for beneficial  
use

Distribution  
to end user

# Next Steps

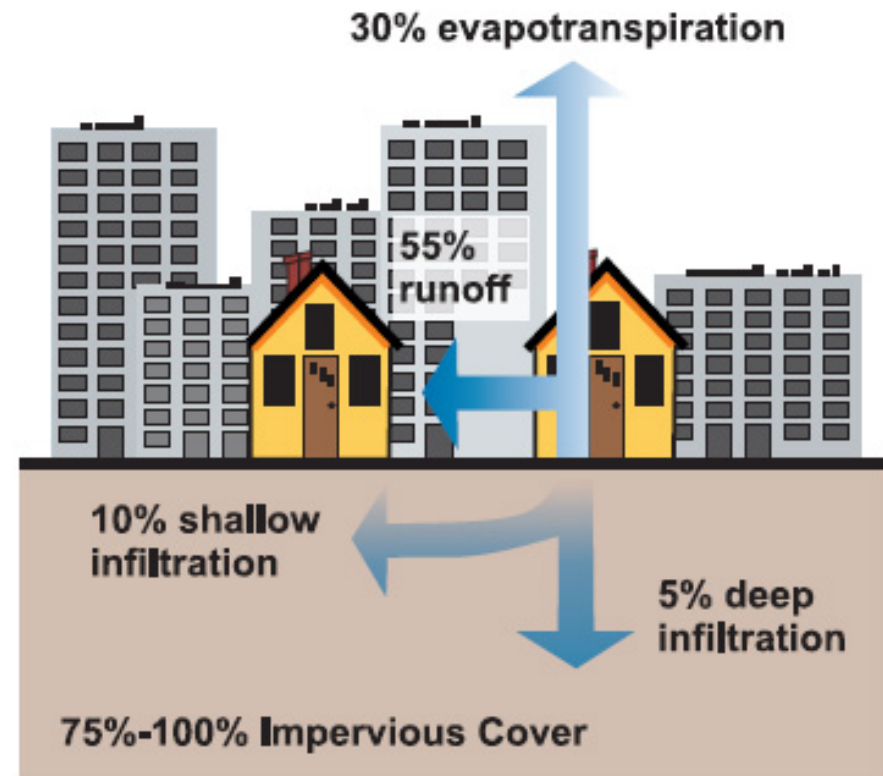
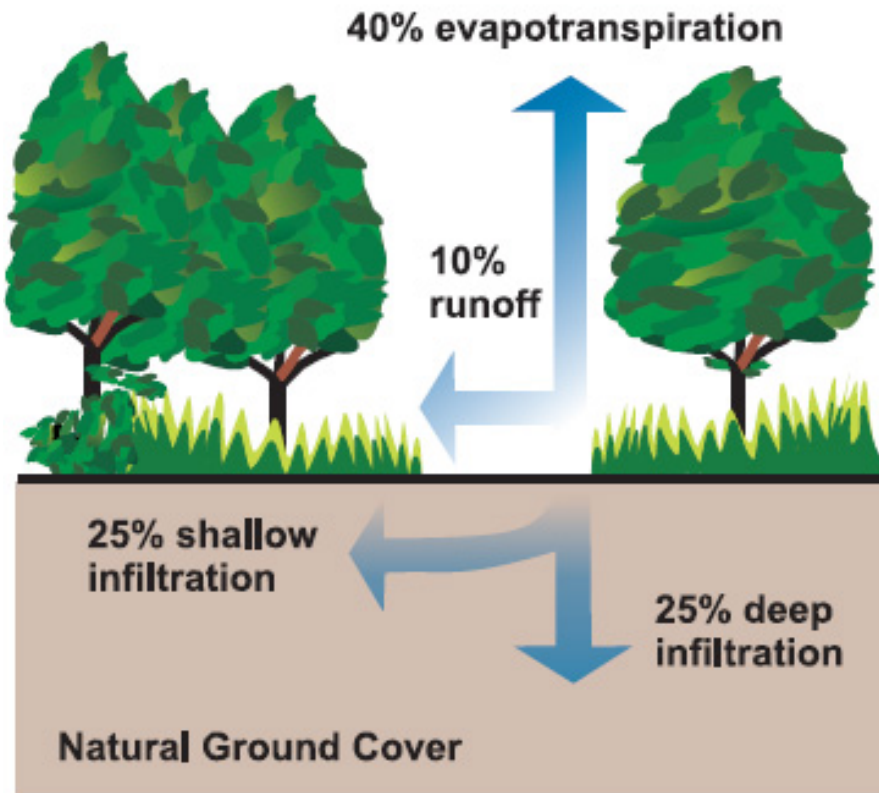
Task	Date
Draft Existing Conditions Technical Memo	Comments Due October 10, 2017
TAC Meeting #2 – Modeling Approach for Technical Feasibility Analysis	November 2, 2017 10 am – 12 pm

# For questions on the Regional Stormwater Capture and Use Feasibility Study

<http://www.projectcleanwater.org/stormwater-capture-and-use-feasibility-study/>



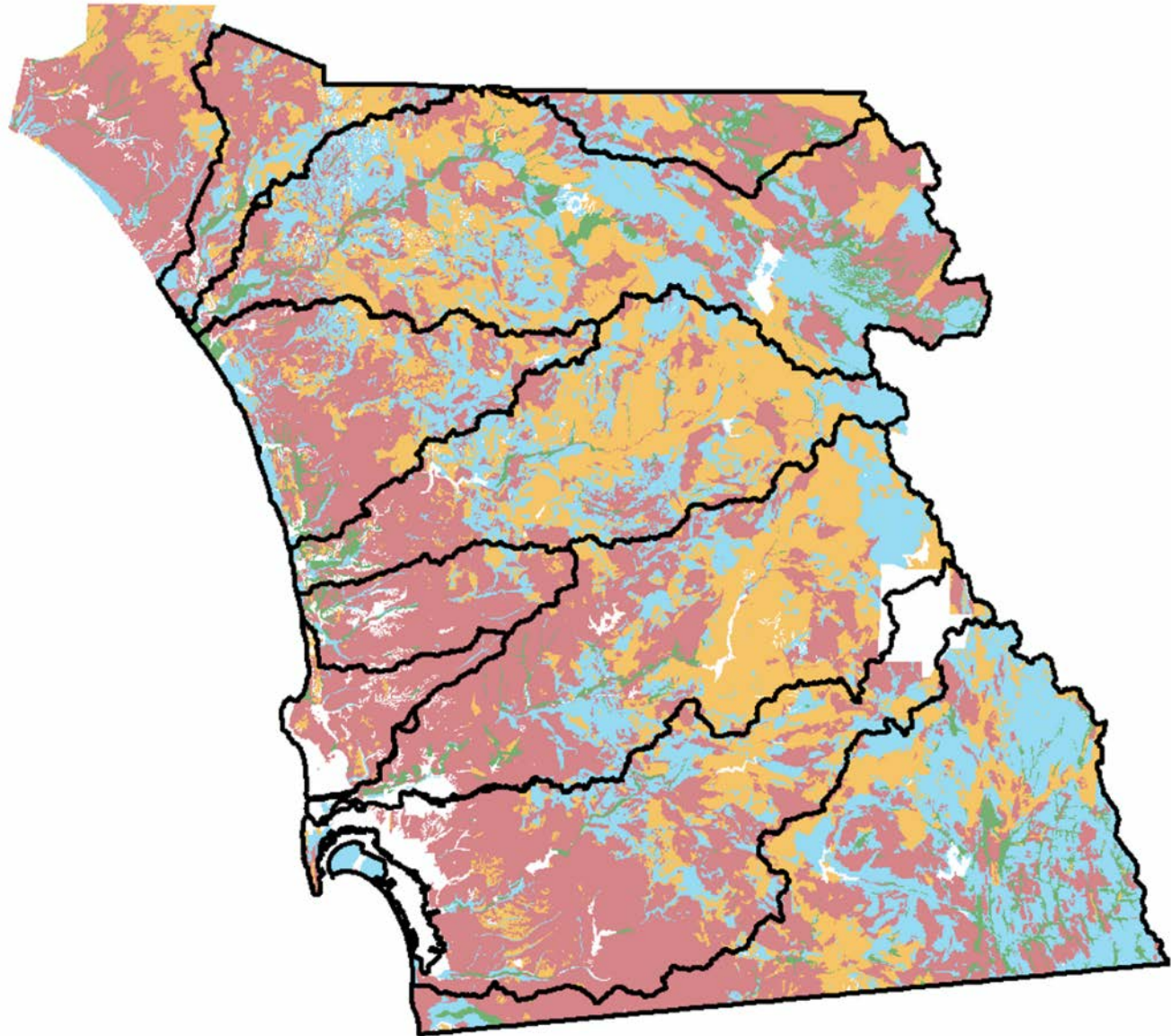
Stephanie Gaines  
*Watershed Protection Program*  
Stephanie.Gaines@sdcounty.ca.gov  
858-694-3493



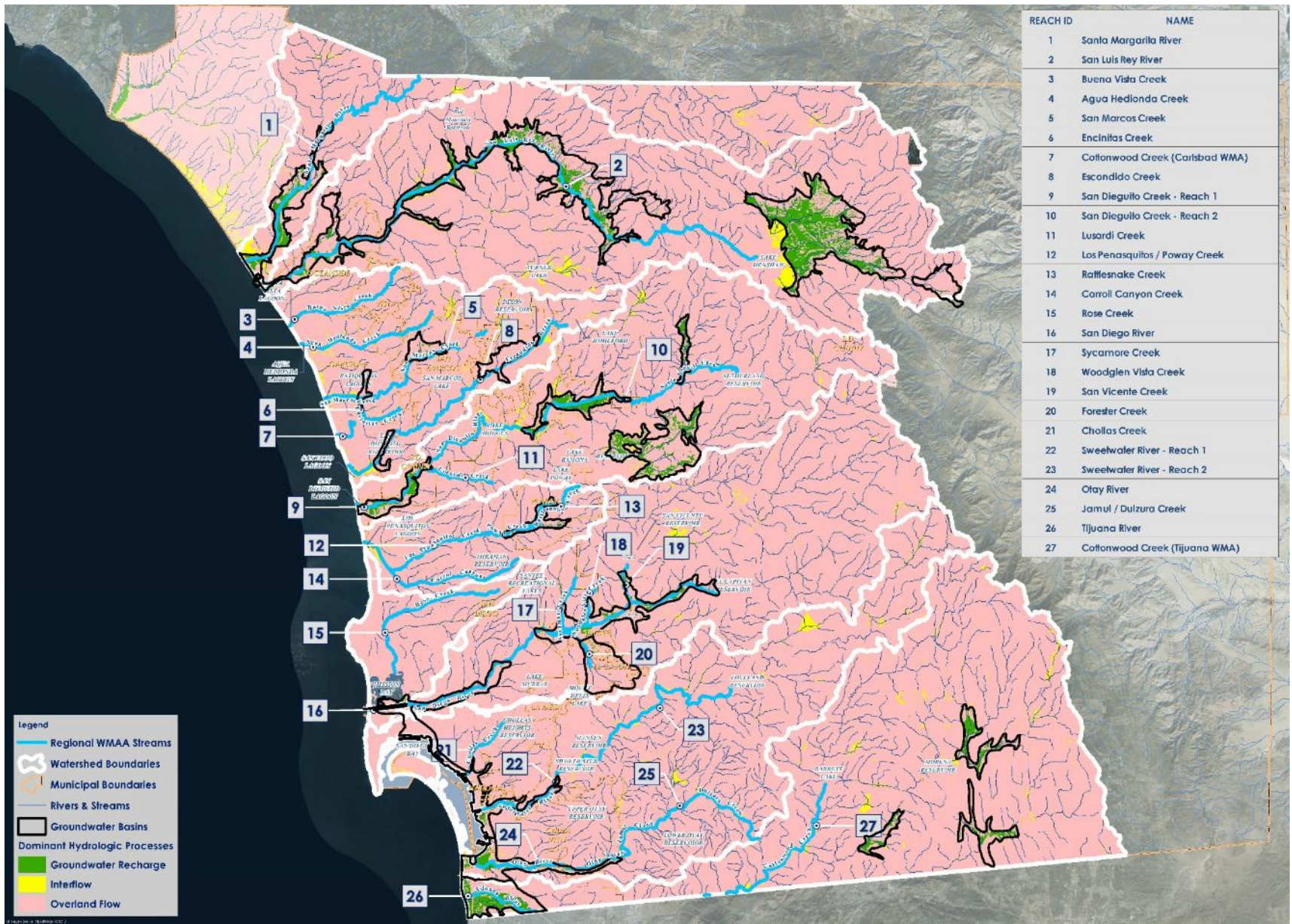
- Up to 55% Runoff
  - Where are the opportunities?

# San Diego County Soil Types

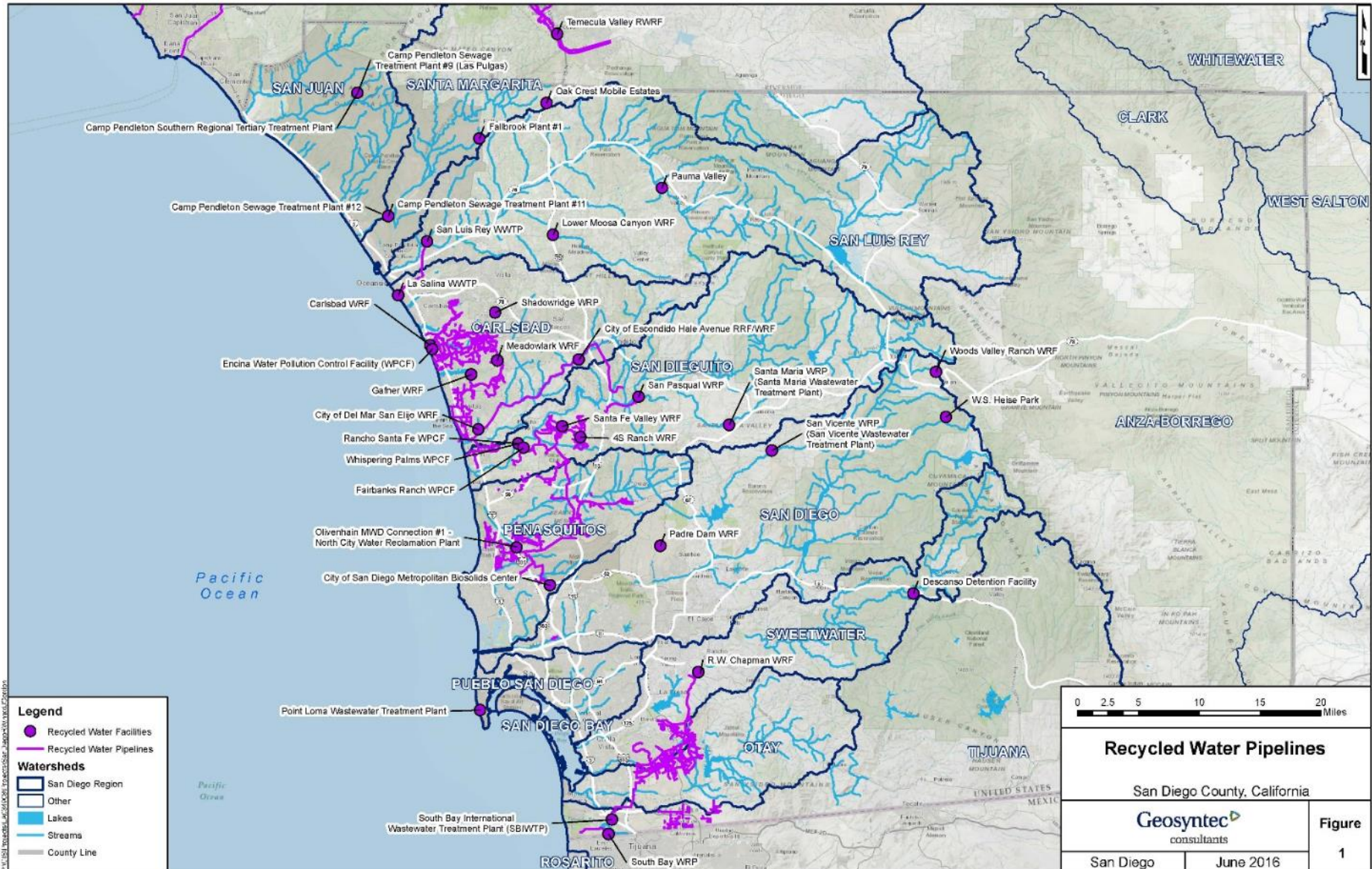
Soil Type



# SW Reservoirs & GW basins



# Watersheds & WWT / WRF<sub>s</sub>



# Attachment 6

## SBWRBP Loop Control System & 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 7

Ferrous

Chloride As-

Needed

Contract to

Calif. Water

Technologies

**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 (FeCl<sub>2</sub>) is a chemical used for hydrogen sulfide (H<sub>2</sub>S) control in wastewater treatment pump stations and plants. H<sub>2</sub>S is a corrosive chemical which causes odor and is hazardous to human health. It's a byproduct of bacterial activity in wastewater. Control of H<sub>2</sub>S concentrations in the wastewater treatment process is an environmental, safety and regulatory requirement. Additionally, control of H<sub>2</sub>S 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 <u>      </u>
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	<b>\$6,540,854</b>	<b>\$0.00</b>	<b>\$3,521,999</b>	<b>\$10,062,853</b>

**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 8

Mannich  
Polymer As-  
Needed  
Contract to  
Polydyne,  
Inc.

# 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)	
<b>Fiscal Impact:</b>		
	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
<b>TOTAL</b>	<b>\$ 8,252,969</b>	<b>\$ 0.00</b>	<b>\$ 4,443,906</b>	<b>\$ 12,696,876</b>

**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 9

Rose Canyon  
Trunk Sewer  
Deffective Pipe  
Joint Liner Repair  
to

ABHE &  
SVOBODA, INC

**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 10

## MetroTAC Update/Report

**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*

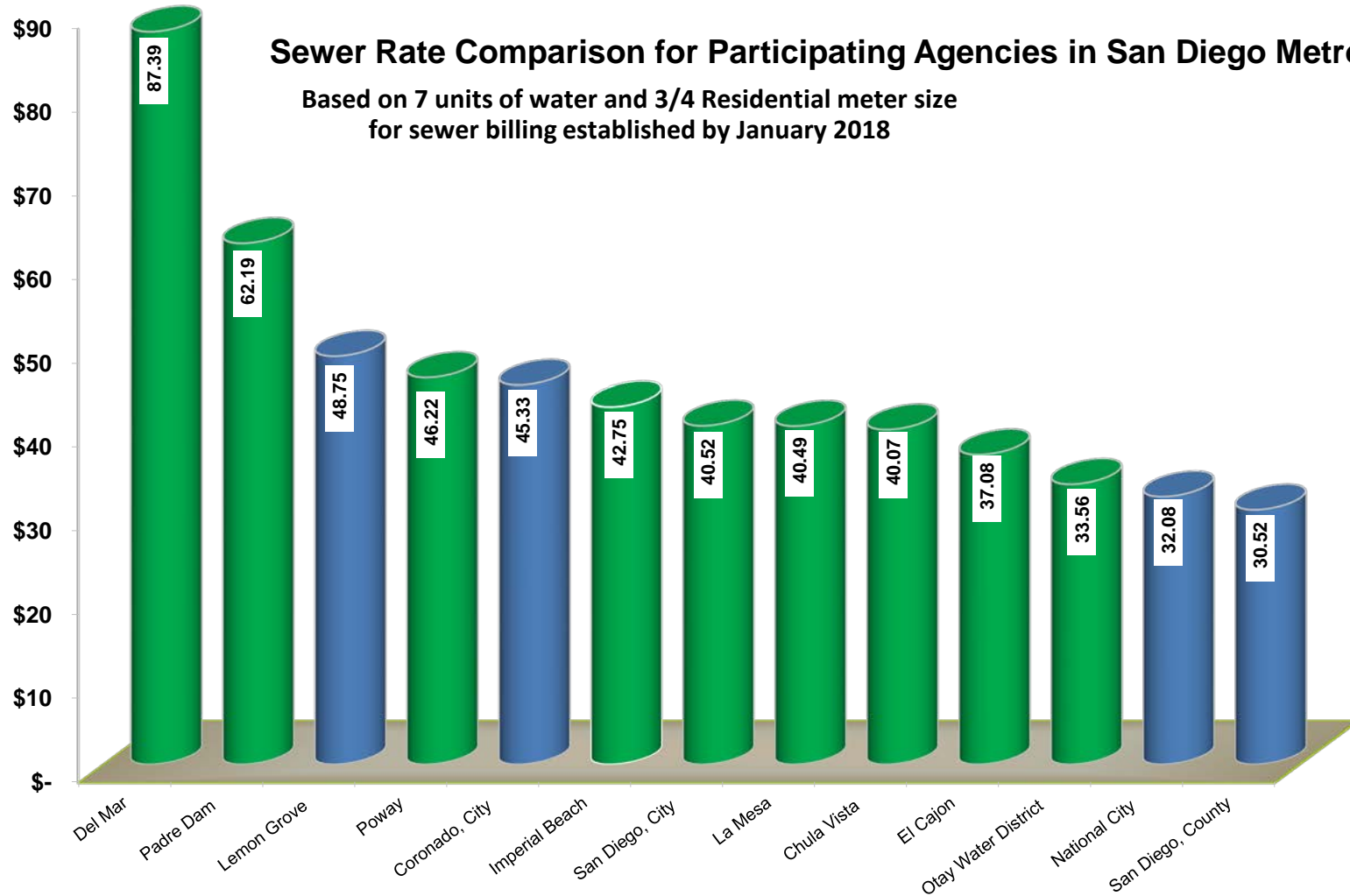
Active Items	Description	Member(s)
Social Media Working Group	6/16: Upon the request of Metro Com Chair Jim Peasley Chairman Humora created a working group to research and provide input on the creation of policies and procedures for Metro JPA social media. Mike Obermiller will chair this work group. 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: <a href="http://www.sdirwmp.org">http://www.sdirwmp.org</a> ; 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



- Flat Sewer Rate
- Water consumption based sewer rate

# 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

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