



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

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

**DATE:** Wednesday, March 18, 2015

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

**LOCATION:** MWWD, 9192 Topaz Way, (2E MOC II – 2<sup>nd</sup> Floor) – Lunch will be provided

***\*PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES\****

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1. Review and Approve MetroTAC Action Minutes for the Meeting of [February 18, 2015](#) (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **ACTION:** Consideration and Possible Action to Approve Pump Station 2 Force Main Siphon & West Pt. Loma Interceptor Sewer (**Attachment**) (Rania Amen/Tung Phung)
4. Condition Assessment Update (Rania Amen)
5. Metro Wastewater Update (Standing Item)
6. Metro Capital Improvement Program and Funding Sources (Standing Item)
  - CIP Quarterly Report
7. Financial Update (Standing Item) (Karyn Keese)
  - Audit Status Update (Edgar Patino)
8. MetroTAC Work Plan (Standing Item) (**Attachment**) (Greg Humora)
9. Point Loma Permit Renewal (Standing Item) (**Attachment**) (Greg Humora)
10. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**April 2, 2015 if needed**)
11. Other Business of Metro TAC
12. Adjournment ([To the next Regular Meeting, April 15, 2015](#))

**Metro TAC 2015 Meeting Schedule**

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

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

**ACTION MINUTES**

**DATE OF MEETING:** February 18, 2015  
**TIME:** 11:00 AM  
**LOCATION:** MWWD, MOC II Auditorium

**MEETING ATTENDANCE:**

Greg Humora, La Mesa  
Dennis Davies, El Cajon  
Roberto Yano, Chula Vista  
Ed Walton, Coronado  
Kristen Crane, Del Mar  
Chris Helmer, Imperial Beach  
Kuna Muthusamy, National City  
Stephen Beppler, Otay WD  
Al Lau, Padre Dam  
Michael Obermiller, Poway  
Tom Howard, Poway

John Helminski, City of San Diego  
Edgar Patino, City of San Diego  
Marie Wright-Travis, City of San Diego  
Lee Ann Jones-Santos, City of San Diego  
Rania Amen, City of San Diego  
Peggy Merino, City of San Diego  
Karyn Keese, Atkins  
Scott Tulloch, Atkins  
James Strayer, B&V

**1. Review and Approve MetroTAC Action Minutes for the Meeting of January 21, 2015**

Vice Chair Al Lau moved approval of the January 21, 2015 minutes. The motion was seconded by Vice Chair Dennis Davies and the minutes were approved unanimously.

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

Vice Chair Dennis Davies reviewed the February meeting of the Metro Commission/JPA.

- Jim Peasley from Padre Dam was elected Chair and Jerry Jones of Lemon Grove was elected Vice Chair of the Metro Commission.
- Change Order No. 1 for MBC Dewater Centrifuges Replacement was approved.
- Amendment #2 for ADS Corp. Sewer Flow Monitoring and Event Notification System was approved.
- The Commission received a presentation from PUD environmental staff regarding the Program EIR for the Pure Water Program.
- Scott Tulloch reviewed the Pure Water Program progress.

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

- John Helminski gave a presentation on Task Order's No. 1 and No. 2 with MWH America's (Included as Attachment A to these minutes). Task Order No. 1 covers the Program Startup costs and runs for 20 weeks starting February 2, 2015 to June 16, 2015. He also provided a detailed schedule outlining the tasks and their milestones (Included as Attachment B). Workshops will be held throughout the planning period and PA representatives are invited. Task Order No. 2 is currently being negotiated with MWH and will cover the preliminary design of North City upgrades. Chairman Humora recommended this presentation be given to the Metro Commission at their March meeting but that it should include the costs of the tasks.
- Karyn Keese reviewed the January estimate for FYE 2016 projections for flows and loads and projected budget. This is the time of year each PA should review their sampling data

to insure that they are being billing correctly in the upcoming fiscal year. The most recent sampling data had been sent to each PA attached to their third quarter invoice. Ms. Keese had prepared a summary of the FYE 2015 budget versus the projected FYE 2016 budget. Edgar Patino reviewed the changes in the sampling program that have been initiated based on Brown & Caldwell's recommendations. Any changes in flows and loads need to be submitted to San Diego prior to June 30, 2015.

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

Rania Amen gave a presentation on how the CIP is developed. She handed out a flowchart as well as the Wastewater Budget Priority List and Wastewater Planning Projects Priority Lists as of December 2014 (Attachment C to these minutes). The priority list updated on an annual basis as part of the budget but is also constantly being updated during this fiscal year. The City is currently developing complete life-cycle costs for each of their assets.

**5. Financial Update**

There was no financial update this month.

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

There were no changes to the work plan

**7. Point Loma Permit Renewal**

Scott Tulloch reviewed the progress that has been made in gaining secondary equivalency legislation. San Diego is taking a dual path to gain permanent secondary equivalency standards. Scott Tulloch, Allan Langworthy, and the environmental community are drafting potential changes to the Code of Federal Regulations for a possible administrative fix by the EPA as well as wording for potential permanent legislation (OPRA II). The final draft of the administrative fix should be completed in a week and the legislation is almost done as well.

**8. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (March 5, 2015)**

Chairman Humora recommended that John Helminski present the MWH Task Order presentation as well as a Pure Water Program Update to the Commission/JPA.

**9. Other Business of Metro TAC**

The Metro TAC took a brief recess at noon to discuss the Padre Dam issue

**10. Adjournment (To the next Regular Meeting, March 18, 2015)**

# ATTACHMENT A

METRO TECHNICAL ADVISORY COMMITTEE

PURE WATER – AS-NEEDED ENGINEERING  
TECHNICAL SERVICES AGREEMENT WITH  
MWH AMERICAS, INC.

JOHN HELMINSKI, ASSISTANT DIRECTOR  
PURE WATER PROGRAM ADMINISTRATOR  
FEBRUARY 18, 2015

FEBRUARY 18, 2015



## TASK ORDER #1 – PROGRAM START-UP

### Sub-Tasks:

- Goals and objectives that build upon Pure Water's mission and vision
- Key performance indicators for measuring progress and success
- Project delivery system
- Project control and Document management for Program monitoring, reporting, collaboration tools



## TASK ORDER #1 – PROGRAM START-UP (CONT'D)

### Sub-Tasks:

- Quality and value management plan for overall program
- Overall program risk assessment; risk identification, tracking, mitigation plan
- Plan for maximizing participation of emerging and small local business enterprises

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## TASK ORDER #1 – PROGRAM START-UP (CONT'D)

### Sub-Tasks:

- Design Management – Guideline to monitor work performed by consultants
- Sustainability Plan for integrating sustainability concepts
- Public Outreach - Define project-specific outreach activities
- Pure Water Validation - Evaluate sequencing, packaging, prioritization of Pure Water projects





## TASK ORDER #1 – PROGRAM START-UP (CONT'D)

### Timeline

- Authorize MWH to begin work
  - January 26, 2015
- Task Completion
  - Mid June 2015

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## TASK ORDER #2 – PRELIMINARY DESIGN OF NORTH CITY UPGRADES

### Key Components:

- North City Advanced Water Treatment Plant Preliminary Design
- North City Water Reclamation Plant Expansion Preliminary Design
- Advanced Water Treatment – Equipment Prequalification Testing
- North City Direct Potable Reuse (DPR) Pipeline Alignment Evaluations



## TASK ORDER #2 – PRELIMINARY DESIGN OF NORTH CITY UPGRADES (CONT'D)

### Timeline:

- Finalize scope and fee negotiations
  - End of February 2015
- Authorize MWH to begin work
  - Mid Early March 2015
- Completion – 18 to 24 Months
  - Late 2016/Early 2017

7

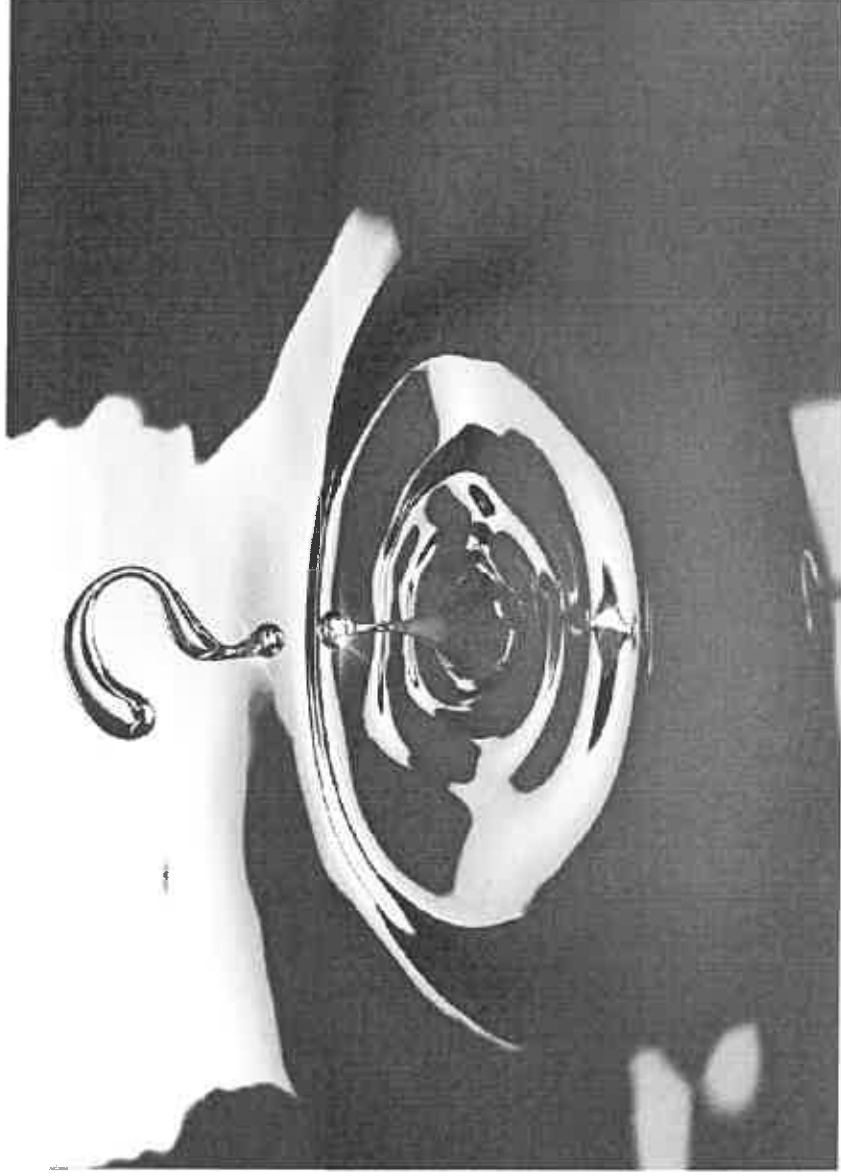


## Environmental Review Process

- Environmental Review
  - Development Services Department
- Programmatic Environmental Impact Report
  - Notice of Preparation of Programmatic EIR
    - Distributed on November 24<sup>th</sup> 2014
    - Public Scoping Meetings held on December 9<sup>th</sup> and 11<sup>th</sup> 2014.
- Release Draft Programmatic EIR – Jan 2016
- Certification of Programmatic EIR – Sept 2016



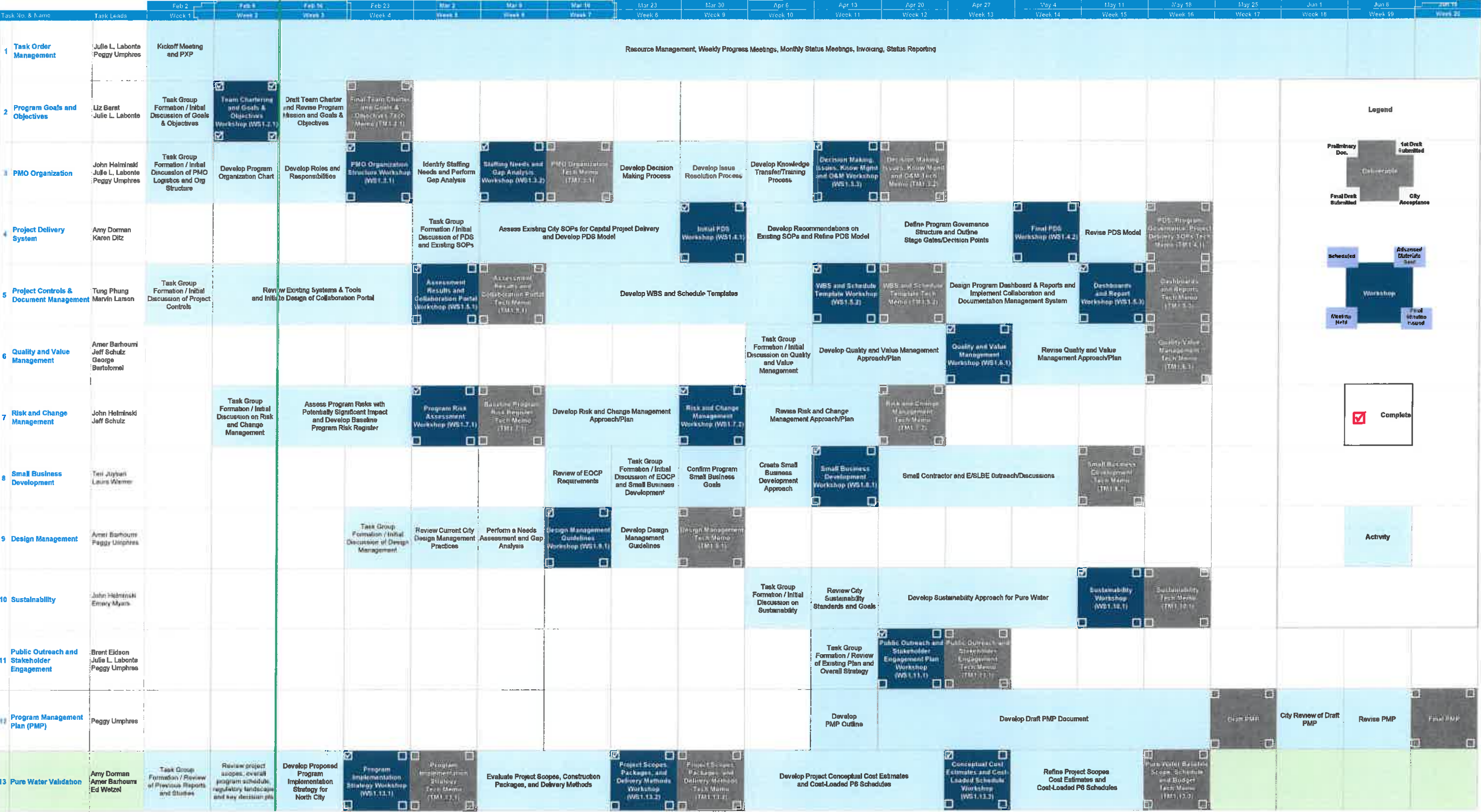
# Questions?





# ATTACHMENT B

Pure Water San Diego Baseline Startup Workplan



Legend

Preliminary Doc.

Final Draft Submitted

City Acceptance

Yet Draft Submitted

Deliverable

Scheduled

Advanced Materials Sent

Workshop

Meetings Held

Final Status Reported

☒

 Complete



# ATTACHMENT C1

**Public Utilities Department  
Wastewater Design Project Priority List  
As of December 2014**

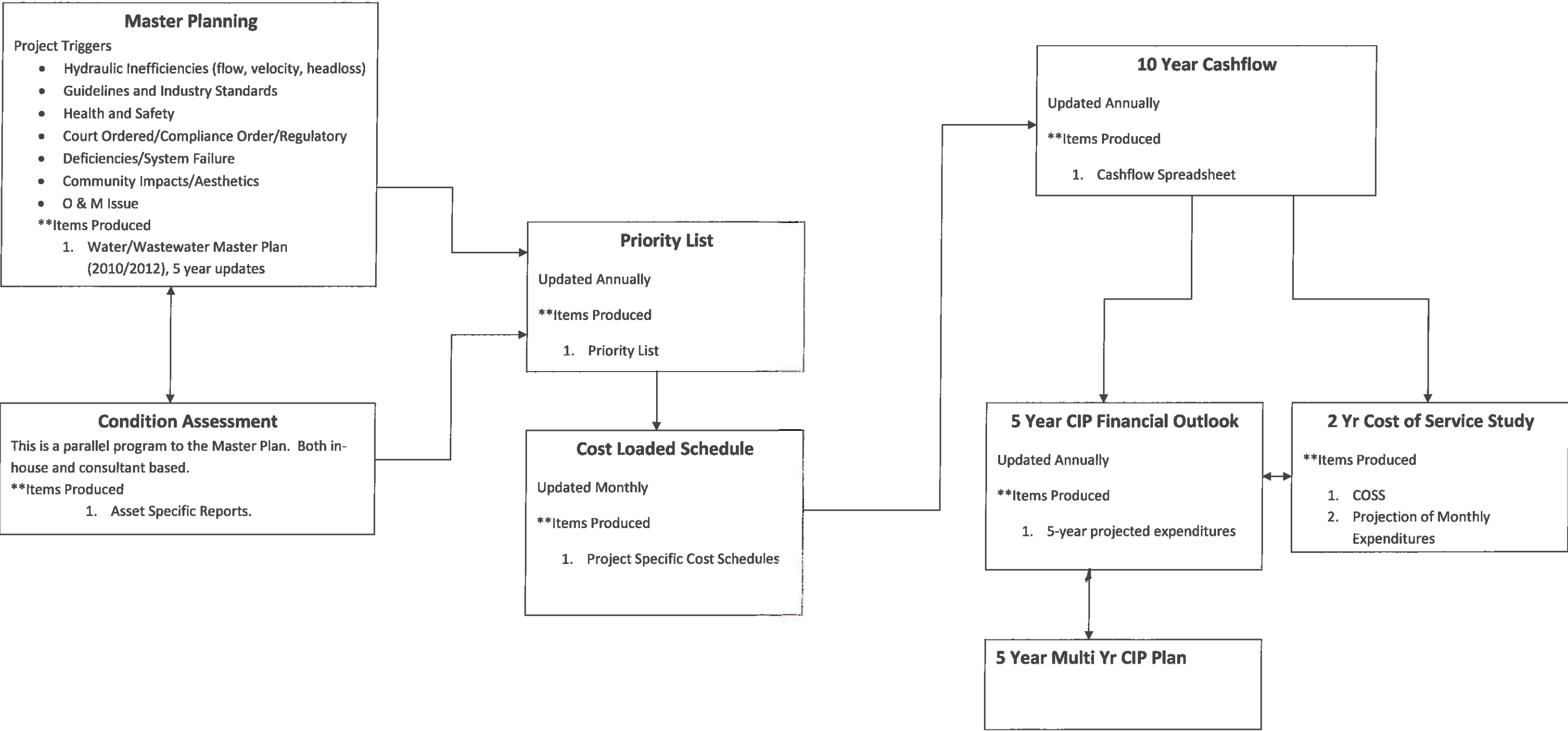
FY15 Project Priority	Title	Description	Facility Type	Total Estimated Project Cost	Status	Estimated Completion Date
1	MBC - Chemical System Improvements (PHASE 2)	<p><b>Background:</b>            Posing safety hazards to O&amp;M personnel, isolation valves and actuators in storage tank spill containment cells are inaccessible during rain or winter flooding or a tank spill. Cluttered spill containment cells also violate OSHA safe access requirements. Electrical conduits at floor level are also subject to flooding submergence, potential damage to other electrical equipment in other areas connected by the conduits may occur. As dual chemical storage tanks are piped, isolation of one tank isolation cannot be done without isolation of both tanks thus requiring shutdown of that entire particular chemical system when emergency repairs are needed. Single feed connecting to the chemical feed pumps requires both dual storage/feed tanks to be shut off. If O&amp;M repair is needed on that single feed pipe, there is potential for siphoning out the contents of a storage tank while a downstream pipe leaks or storage/feed tanks to be shut off. If O&amp;M repair is needed on that single feed pipe, there is potential for siphoning out the contents of a storage tank while a downstream pipe leaks or storage/feed tanks to be shut off. If O&amp;M repair is needed on that single feed pipe, there is potential for siphoning out the contents of a storage tank while a downstream pipe leaks or storage/feed tanks to be shut off.</p> <p><b>Scope:</b>            This project entails improvements to the ferrous/ferro and polymer chemical storage and feed systems: remove piping, motorized valves, electrical conduits from spill containment cells; improve storage tank isolation valving and overflow piping; provide necessary access platforms for tank isolation valves; prevent siphoning of chemicals from storage tanks; install air gap standpipes; provide secondary piping on single-walled overhead piping; replace/upgrade ferrous/ferro chloride pumps and valve actuators; provide added roof supports or cross to non-perforated roof.</p>	Treatment	6,090,354	Design	Design End: March 2015 Construction End: August 2016
2	Pump Station 2 Power Reliability & Surge Protection	<p><b>Background:</b>            EPA recommends that facilities like Pump Station 2 be equipped with two separate and independent sources of electrical power. The current Pump Station 2 power system does not comply with the EPA recommendations. The Pump Station 2 facility currently has three feeds, two of the feeds are from the same substation. All feeds are limited to two pumps, except during emergency conditions. Losing two of the three feeds the pump station is limited to a 5 pump operation only. The proposed recommendation will improve the overall power reliability and enhance standby power at Pump Station 2. Also, this option will provide force main surge protection at all times during the station's operation and in the event of a total power failure.</p> <p><b>Scope:</b>            Project entails the removal and disposal of the two existing natural gas reciprocating engines and the installation of two 4.6 MW natural gas turbine generators and one 206 kW diesel startup generator. Also, the two existing engine drives will be replaced with new electric motors. This new configuration will provide 100% power back-up to SDG&amp;E thus satisfying EPA recommendations. This option will also serve as a more reliable surge protection for the force mains in the event of a power failure.</p>	Pump Station	43,000,000	Design	Design End: November 2015 Construction End: October 2017
3	MBC - Odor Control Facility Upgrades	<p><b>Background:</b>            The odor control facility serves various solid treatment processes and is host with numerous operational problems causing costly O&amp;M work, safety concerns and potential regulatory violations. This project will upgrade the existing odor control system at MBC. Several areas at the Metro Biosolids Center (MBC) have been identified as causing significant odor problems due to foul air collection deficiencies because of insufficient fan capacities and high ducting pressure losses, including poorly located foul air collection registers. Capacity Upgrades to fans, installation of variable-speed motors, removal/replacement of high pressure loss ducting with installing access platforms at the monitoring instruments and air volume control dampers will provide safe and timely access for operation and maintenance personnel.</p> <p><b>Scope:</b>            This project will upgrade fan capacities to provide required air changes in foul air generating areas; install fumehood foul air collection system at the truck loadout stations and at the degreasing room.</p>	Treatment	6,616,000	Design	Design End: March 2015 Construction End: September 2016
4	EMTS Boat Dock & Steam Line Relocation	<p><b>Background:</b>            A 40,000 square foot ocean monitoring laboratory was constructed and is now in operation. As a part of the Public Benefit Conveyance of this property, Public Utilities is required to construct a boat dock and to fund a portion of the splashade improvements along our frontage. To gain future unobstructed access to the boat dock within the adjacent boat channel, and to provide unobstructed access to the future splashade, the existing steam line must be underground. Public Utilities currently leases boat dock space at Driscoll's Wharf, and this project would eliminate this ongoing expense.</p> <p><b>Scope:</b>            This project provides for the design and construction of a boat dock, an splashade (park) within an approximately 1.25 acre parcel located between the existing Public Utilities laboratory and adjacent boat channel, as well as placing approximately 600 feet of an above ground steam line underground. This portion is situated along the frontage of the boat channel adjacent to the EMTS Laboratory.</p>	Building	2,018,530	Design	Design End: December 2015 Construction End: June 2017
5	MBC - Emergency Strobe Lights	<p><b>Background:</b>            Currently, O&amp;M plant staff who work in the noisy areas of the facility does not have a visual alert mechanism in place to warn the staff when there is a potential safety &amp; hazard arise in the event of an emergency. The strobe lights will mitigate this issue by providing visual alert of emergency to plant personnel.</p> <p><b>Scope:</b>            Install a total of 34 emergency strobe lights in noisy process areas for alerting O&amp;M staff of emergency calls/events at the MBC facility.</p>	Treatment	451,605	Design	Design End: January 2015 Construction End: October 2015
6	NCWRP - Emergency Strobe Lights	<p><b>Background:</b>            Currently, O&amp;M plant staff who work in the noisy areas of the facility does not have a visual alert mechanism in place to warn the staff when there is a potential safety &amp; hazard arise in the event of an emergency. The strobe lights will mitigate this issue by providing visual alert of emergency to plant personnel.</p> <p><b>Scope:</b>            Install a total of 13 emergency strobe lights in noisy process areas for alerting O&amp;M staff of emergency calls/events at the NCWRP facility.</p>	Treatment	172,673	Construction	Design End: January 2015 Construction End: October 2015
7	SBWRP - Emergency Strobe Lights	<p><b>Background:</b>            Currently, O&amp;M plant staff who work in the noisy areas of the facility does not have a visual alert mechanism in place to warn the staff when there is a potential safety &amp; hazard arise in the event of an emergency. The strobe lights will mitigate this issue by providing visual alert of emergency to plant personnel.</p> <p><b>Scope:</b>            Install a total of eight emergency strobe lights in noisy process areas for alerting O&amp;M staff of emergency calls/events at the SBWRP facility.</p>	Treatment	92,400	Construction	Design End: January 2015 Construction End: October 2015

**Public Utilities Department  
Wastewater Planning Project Priority List  
(Project Priority - As of December 2014)**

FY15 Project Priority	Title	Description	Facility Type	Total Estimated Project Cost	Status	Estimated Construction Completion Date (FY)
1	South Metro Sewer Rehabilitation Phase 3B	<b>Background:</b> This project will rehabilitate the remaining 5,000 feet of the 108 inch pipeline from Winslow Lane to Pump Station 2. Sections of the South Metro Interceptor have deteriorated significantly due to the corrosive effects of sewer gases over 40 years. Scope may change based on further condition assessment. <b>Scope:</b> Rehabilitate 5,000 feet of pipeline.	Treatment	\$9,214,937	Planning	2020
2	MBC - Emergency Stream Discharge and Dechlorination Facility	<b>Background:</b> This project includes upgrading the existing storm drain outfall (energy dissipater), erosion control, dechlorination facility, plus all necessary piping to convey RW from the plant into a stream. Implementing this project would offload the sewer system during extreme rain events to reduce the risk of spilling raw sewage. This would be an interim solution until long term capital projects are implemented; IPR, SBWTP, storage tank. A necessary component of the ESD includes building a 16 mgd - 30 mgd dechlorination structure which will be built near the stream discharge facility. Treated recycled water from a 36" RW pipeline on the MBC side will pass through the dechlorination facility and discharge it into San Clemente stream. <b>Scope:</b> This project will include building a dechlorination structure to dechlorinate approximately 16 mgd - 30 mgd of treated RW from 36" RW pipe at MBC side and discharge it into San Clemente stream. This structure will be built near stream discharge facility.	Treatment	\$7,272,127	Planning	2019
3	NMI/SMI Junction Structure Rehabilitation (Just upstream of PS 2)	<b>Background:</b> Heavy corrosion of concrete and gate guides - Failure would prevent any work or repairs from being done to PS2 wetwell. Inspection of facility may result in change of scope. <b>Scope:</b> Project will replace the corroded concrete and stoplog gate guides.	Pipeline	\$1,500,000	Planning	2018
4	PS 1 & 2 Screenings Conveyor Overhaul, Screen Support System Replacement, and Influent Gate Replacement	<b>Background:</b> The screenings at Pump Station 1 and 2 are captured by traveling screens and deposited onto a conveyor belt. The conveyor experiences problems relating to stretching of belt system and it continuously jumps off its track. The support systems for the screens are deteriorated and need to be replaced. The influent gates are at the end of their life and need to be replaced. <b>Scope:</b> This project will overhaul the existing conveyor and replace the influent gates.	Pump Station	\$2,720,000	Planning	2021
5	Point Loma - South Effluent Outfall Connection Recoat	<b>Background:</b> There is some mortar failures at the joints as well as some H2S damage to the CML. This pipe had a Condition assessment performed on it in Oct of 2013. <b>Scope:</b> Recoat interior of pipe of approximately: 1. 300 ft of 54" and 108" CML steel pipe 2. 200 ft of epoxy coated 58" steel pipe 3. 600 ft of uncoated 108" concrete cylinder pipe	Treatment	\$1,000,000	Planning	2020
6	PLWTP Hydroelectric Generator Isolation Valve and Penstock Restoration	<b>Background:</b> The PLWTP Hydroelectric generator produces \$360,000 worth of renewable electricity yearly. The 84-inch butterfly valve that isolates the internal components of the turbine from the ocean outfall is leaking. The inability of this valve to seal the hydro discharge from the outfall makes it practically impossible to perform inspections, maintenance, and repair to the turbine, its piping, and other components within. Failure to replace this valve will lead to eminent shutdown of the hydroelectric and therefore loss of renewable energy revenue. This work is safety related and is a part of the Hydro Federal Energy Regulatory Commission inspection every three years. <b>Scope:</b> This project will provide a new valve on the discharge side of the Hydro. A temporary isolation of the discharge valve area is required so this work can be completed and for the penstock upgrade. 1. Replace the 84-inch butterfly valve with an 84-inch gate valve. 2. Repair and upgrade the penstock. 3. Temporary isolation of the discharge valve area so work can be performed.	Treatment	\$2,500,000	Planning	2020
7	PS 1 & 2 Main Pump Header Pipe Support Rehabilitation	<b>Background:</b> Heavy corrosion has been found at interface between steel angle plate and concrete pedestals at PS 1 & 2. Main header piping needs to be replaced due to corrosion. <b>Scope:</b> This project will install new pipe support system which includes seismic upgrades at PS1 and PS2	Pump Station	\$1,000,000	Planning	2017
8	PLWTP - Primary Sedimentation Tank Odor Control Facilities	<b>Background:</b> The foul air generated from each primary sedimentation tank is collected and conveyed to a dedicated odor control system. The odor control system including ducting, tanks and appurtenant equipment which services the primary sedimentation tanks have experienced corrosion. <b>Scope:</b> This project will provide protective coatings on the ducting, tanks and appurtenant equipment to eliminate and prevent further equipment deterioration.	Treatment	\$200,000	Planning	2017
9	MBC - Cooling Water System Chiller Upgrade	<b>Scope:</b> Implement major chiller equipment upgrades (mechanical, electrical, and instrumental) to solve chronic and costly operational problems due to obsolete technology costly and frequent repairs, lack of redundancy and lack of reliability. Upgrades include replacement of chillers, primary and secondary feed pumps, control valves, piping, and control system upgrades.	Treatment	\$1,800,000	Planning	2019
10	MBC - Biosolids Receiving Tanks Isolation and Drain Valves	<b>Scope:</b> This project will install tank isolation and drain valves for emergency and/or seismic events.	Treatment	\$200,000	Planning	2018
11	Wet Weather Storage Facility - Phase I	<b>Background:</b> This would provide hydraulic relief to the Pump Station 2, the South and North Metro Interceptors, and the major trunk sewers. The project will reduce the risk of potential wet weather overflows, which may be caused by the capacity limitation of the Metro Pump Station 2 during extreme rainfall events. This project assumes Emergency Stream Discharge (ESD) of reclaimed water from the North City Water Reclamation Plant during heavy rain events to offload wet weather sewer system flows is allowed. ESD will be implemented only during extreme wet weather events when PS2 capacity is approached, and it would be an interim solution until long-term capital projects are completed. <b>Scope:</b> This project will construct a 7-MGD Underground Storage Tank/Tunnel at the Liberty Station (vacated Naval Training Center) in year 2026.	Storage	\$92,000,000	Pre-Planning	2026
12	South Bay Pump Station and Conveyance System Phase I	<b>Background:</b> Conveyance facilities are required to deliver average flows to the planned South Bay Wastewater Treatment Plant (Phase I). The project consists of installing a diversion structure, 21 mgd pump station and force main, and a 103 mgd pipeline (build-out flows) from Sweetwater area to the planned South Bay Secondary Treatment Plant (Phase I). Anticipating to be needed by 2030 <b>Scope:</b> Construct 21 mgd pump station and force main as well as a 103 mgd pipeline.	Pump Station	\$189,000,000	Pre-Planning	2030
13	South Bay Waste Water Treatment Plant Phase I	<b>Background:</b> This facility will treat flows generated in the South Bay Area including Sweetwater Area (Spring Valley and National City). The South Bay Secondary Treatment Plant and Sludge Processing Facilities Phase I will be constructed on the Dairy Mart Road site adjacent to the existing SBWRP by 2030 assuming current MER limit for PLWTP discharge. The Phase I of the South Bay Secondary Treatment Plant (SBSTP) will be 21 mgd and the Sludge Processing Facility will process the sludge from the existing 15 mgd SBWRP and the new 21 mgd SBSTP. <b>Scope:</b> Construct a 21 mgd secondary wastewater treatment plant and sludge processing facility.	Treatment	\$373,000,000	Pre-Planning	2030
14	PS 1 & 2 Main Pump Motor speed controller upgrades	<b>Background:</b> Project needed as existing pump motor speed controllers are old and obsolete. This obsolete technology makes it difficult to obtain spare parts. <b>Scope:</b> Project will overhaul the six speed controls at PS 1 & eight speed controls at PS2 on the main pump motors.	Pump Station	\$3,500,000	Planning	2023

# ATTACHMENT C2

CIP Process Flow Chart



# ATTACHMENT 3

Pump Station 2 Force Main  
Siphon and West Pt. Loma  
Interceptor Sewer

**METRO JPA/TAC  
Staff Report**

**Subject Title:** Pump Station 2 Force Main Siphon, and West Point Loma Interceptor Sewer (WPLIS) Liner Repairs.

**Requested Action:** Authorizing an increased expenditure of \$600,000 from Metro Sewer Fund 700009, WBS B11098, to award a contract to Sancon Engineering Inc., for the Pump Station 2 Force Main Siphon, and West Point Loma Interceptor Sewer (WPLIS) Liner Repairs.

**Recommendations:** Approval

**Summary of Item:**

The Public Utilities Department owns and operates the 87- inch Pump Station 2 Force Main and the 114- inch West Point Loma Interceptor pipelines. The PS2 Force Main is a reinforced concrete pipe (RCP) that runs from Pump Station 2 to the East Portal Structure and is approximately 15,000 feet long. The portion requiring liner repairs is the force main siphon located under the Navy channel at the Harbor Drive Bridge. The PS2 Force Main Siphon is approximately 664 feet long and is approximately 1,700 feet downstream of Pump Station 2. The Force Main Siphon was inspected to assess the existing condition of the pipe prior to the renovation of the North Harbor Drive Bridge. The inspection revealed that the force main overall is in sound condition. However, the inspection identified damage to the 240-degree T-lock liner and severe liner bubbling near the access structure on the Anti-Submarine Warfare channel side. Additionally, T-lock anchors were pulled from the concrete pipe near the access structure on the Spanish Landing side.

The West Point Loma Interceptor Sewer (WPLIS) pipeline conveys all the raw sewage to the Point Loma Wastewater Treatment Plant (PLWTP). The interceptor is a 114-inch Polyvinyl Chloride (PVC)-lined, reinforced concrete sewer pipe and is approximately 1.4 miles long. WPLIS was inspected and found to be in sound condition overall. However, damage to the 240-degree T-lock liner was identified at 26 locations. The damage was generally located at pipe joints where heat welded strips had failed, allowing sewer gas to come in contact with the reinforced concrete pipe (RCP) which caused severe corrosion at these locations.

This action is to award the contract to Sancon Engineering Inc. for the lining repairs using Ameron ArrowLock product, which has been selected through the City soliciting competitive bids. The total estimated cost for this project is \$2,300,000, of which \$1,969,690 is for construction and \$330,310 for project contingency and administration cost.

Metro TAC:	
IROC:	This project is included in the Quarterly Report Update.
Prior Actions: (Committee/Commission, Date, Result)	MetroTAC – Approved on April 16, 2014  Metro Commission – Approved on June 18, 2014 with a total project cost of \$1,700,000.

**Fiscal Impact:** \$600,000 due to higher bid results. Funds are available in the FY15 Metro Sewer Utility Fund 700009.

Is this projected budgeted?    Yes X    No    

Cost breakdown between Metro & Muni:

This project is 100% Metro.

\$2,300,000 (Total Project Cost)

\$1,700,000 (Previously Approved in June 2014)

**\$600,000** (Increased Amount)

Financial impact of this issue on the Metro JPA:

The Metro JPA shared on this project is 33.5%.

\$770,500 (Total Metro shared)

\$569,500 (Amount Previously Approved)

**\$201,000** (Additional Request for Approval)

**Capital Improvement Program:**

New Project?        Yes            No X

Existing Project?    Yes X        No            upgrade/addition            change    

**Comments/Analysis:** This project was put out for competitive bid on November 20, 2013, and no bids were received because of the 3-hour restriction to perform the lining work on PS 2 Force Main Siphon. The project was rebid with extended work hours on March 25, 2014, and there was only one bidder, Sancon Engineering Inc, at \$1.4 million. The contractor was deemed non-responsive by the Equal Opportunity Contracting (EOC) for not meeting the subcontracting percentage participation requirement. Due to the specialty work, the Public Utilities Department was able to obtain a subcontracting requirement waiver from EOC. The recent bid was opened on February 26, 2015. There were two bidders. Sancon Engineering Inc. was the lowest responsive bidder at \$1,960,690.

**Previous TAC/JPA Action:** This project was approved by MetroTAC and Metro Commission on April 16, 2014 and June 18, 2014, respectively.

**Additional/Future Action:**

**City Council Action:** No Council Action is required since this project is approved by City Council as part of the Public Utilities department CIP budget.



# ATTACHMENT 8

## Metro TAC Work Plan

**MetroTAC**  
**2014/15 Work Plan**  
**December 2014 (Revised Per Metro TAC)**

MetroTAC Items	Description	Subcommittee Member(s)
JPA Website Update	5/13: The Metro TAC would like to update the current website as it is outdated. A review of the current website and its limitations will be on the Metro TAC agenda in the next couple months. 9/13: Greg & Karyn have been working with Vision Internet to finalize a scope of work and contract. These will go to the JPA for approval at their October meeting. 1/14: The contract has been negotiated and approved and Vision has started on the framework for the website.	Greg Humora Karyn Keese Lori Peoples
Ebola Protocol for Protection of Wastewater Staff	11/14: Members of Metro TAC discussed their concerns over protecting their wastewater crews from exposure to viruses such as Ebola. A recent panel of AWWA experts came to a conclusion that there are no current guidelines available from the CDC. Ann Sasaki stated that she will find if San Diego has a protocol on this and report back. It was suggested that ADS might have a protocol and should be contacted. SCAP has not released anything as well. 12/14: Tom Howard reported that the CDC has provided guidelines and will provide a copy of it to be included in the December minutes.	Mike Obermiller Tom Howard
SDG&E Rate Plan	SDG&E has submitted a Rate Plan that would not only change some rate structures but will also shorten the off peak hours for users such as utilities. BBK will continue to monitor and update Metro TAC and Commission/JPA members on protest measures.	Paula de Sousa
PUD Industrial Waste Program Update	9/13: A performance audit was performed on the PUD's IWCP. The audit produced two findings and made 8 recommendations. PUD has hired Brown & Caldwell to perform a fee study and assist implementation of an updated program. A subcommittee of the Metro TAC was formed to work with PUD staff and the consultant.	Roberto Yano Ed Walton
Management of Non-Dispersibles in Wastewater	9/13: Eric Minicilli handed out a position paper prepared by the NEWEA.	Eric Minicilli
2013/14 Transportation Rate Update	5/13: PUD staff is proposing slightly revising the methodology and increasing the transportation rate. Subcommittee met with PUD staff on 6/12/13 to review calculations. 9/13: PUD staff is having the rate methodology reviewed by engineering staff. They should be meeting with Metro TAC subcommittee within the next month. 5/14: PUD staff has met with subcommittee and will be presenting the current proposal at May Metro TAC. 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
PLWTP Permit Ad Hoc TAC	6/13: Ad Hoc created by JPA at their special June workshop. Goal: Create regional water reuse plan so that both a new, local, diversified water supply is created and maximum offload at Point Loma is achieved to support federal legislation for permanent acceptance of Point Loma as a smaller advanced primary plant. Minimize ultimate Point Loma treatment costs and most effectively spend ratepayer dollars due to successful coordination between water and wastewater agencies. Ad Hoc has been meeting all month and has developed a Concept Paper. Ad Hoc will be giving presentations to PAs City Councils/Board of Directors during July 2013. 9/13: Greg Humora, Leah Browder, and Scott Tulloch have given presentations to most of the governing bodies of the PAs in addition to meeting with environmental groups, San Diego staff and City Council members. A position paper, as well as a presentation, has been prepared. A resolution of support has been adopted by the governing bodies of the PAs. 1/14: The AdHoc outreach group continues to meet with stakeholders and City staff in development of the Program. <i>Milestones are included in each month agenda packet</i>	Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese

MetroTAC Items	Description	Subcommittee Member(s)
IRWMP	Bob Kennedy attended the Regional Advisory Committee (RAC) meeting of April 3, 2013. Minutes from this meeting are attached. 6/5/13: Bob Kennedy attended Meeting #43. Minutes are attached to this work plan. The Final 2013 San Diego IRWM Plan has been completed and is available to download at <a href="http://sdirwmp.org/2013-irwm-plan-update">http://sdirwmp.org/2013-irwm-plan-update</a> . 1/14: Bob Kennedy continues to attend RAC meetings and reports back to Metro TAC. 5/14: Bob Kennedy presented minutes from meeting #49 & #50 to Metro TAC 9/14: Meeting No. 52 minutes included in October 2014 Metro TAC agenda. <b>12/14: Meeting No. 53 minutes included in December Metro TAC agenda.</b>	Bob Kennedy Greg Humora
Fiscal Items	The Finance committee will continue to monitor and report on the financial issues affecting the Metro System and the charges to the PAs. The debt finance and reserve coverage issues have been resolved. Refunds totaling \$12.3 million were sent to most of the PA's. 10/26/11: 2010 will be the first year where the PAs will be credited with interest on the debt service reserve and operational fund balances. Interest will be applied as an income credit to Exhibit E when that audit is complete.	Greg Humora Karen Jassoy Karyn Keese
Recycled Water Revenue Issue	Per our Regional wastewater Agreement revenues from SBWTP are to be shared with PA's. 4/11: City has agreed to pay out revenue to Wastewater Section and PA's credit will be on the Exhibit E adjustments at year end Open issues: Capacity reservation lease payments and North City Optimized System Debt service status. 12/11: Letter sent to San Diego regarding outstanding recycled water revenue issues. 1/14: Karyn Keese continues to meet with City staff to determine the basis of the water department's administrative charges. 4/13: Need Metro TAC member for subcommittee	Karyn Keese
Water Reduction - Impacts on Sewer Rates	The MetroTAC wants to evaluate the possible impact to sewer rates and options as water use goes down and consequently the sewer flows go down, reducing sewer revenues. Sewer strengths are also increasing because of less water to dilute the waste. We are currently monitoring the effects of this. 2/2011: wastewater revenues are declining due to conservation and flow reductions and agencies are re-prioritizing projects to be able to cover annual operations costs	Eric Minicilli Bob Kennedy Karyn Keese
"No Drugs Down the Drain"	The state has initiated a program to reduce pharmaceuticals entering the wastewater flows. There have been a number of collection events within the region. The MetroTAC, working in association with the Southern California Alliance of Publicly-owned Treatment Works (SCAP), will continue to monitor proposed legislation and develop educational tools to be used to further reduce the amount of drugs disposed of into the sanitary sewer system. 8/2010: County Sheriff and Chula Vista have set up locations for people to drop off unwanted medications and drugs. 4/11: Local law enforcement has taken a proactive role and is sponsoring drug take back events. 3/11: TAC to prepare a position for the board to adopt; look for a regional solution; watch requirements to test/control drugs in wastewater. 10/26/11: A prescription drug take back day is scheduled for 10/29/11. Go to <a href="http://www.dea.gov">www.dea.gov</a> to find your nearest location. 4/12: East County to host a prescription drug take back 4/28/12. 4/27/13 is scheduled to be a county wide take back day. Locations can be found on the DEA website. 5/14: There was a county-wide drug take-back program on 4/26/14. All sheriffs' offices in San Diego County now take-back drugs on a daily basis. 9/14: Measures are being taken through the Attorney General's office to require Drug Stores to take back unused drugs on a national level.	Greg Humora
Strength Based Billing Evaluation	3/20/13: Brown and Caldwell presented their draft results to Metro TAC. This has been added as a standing item to the Metro TAC agenda for discussions on the recommendations. 9/13: This item is complete. 1/14: City staff provided Metro TAC with draft adjustments back to 2004 based on B&C's review of the North City Plants flows. 2/14: The City provided the Finance Committee with draft adjustments back to 1998.	Karyn Keese

MetroTAC Items	Description	Subcommittee Member(s)
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. MetroTAC is exploring if a regional facility offers cost savings for the PAs. The PAs are also sharing information amongst each other for use in our individual programs. 3/11: get update on local progress and status of grease rendering plant near Coronado bridge	Eric Minicilli
Padre Dam Mass Balance Correction	11/11: Padre Dam has been overcharged for their sewage strengths since 1998. Staff from City of San Diego presented a draft spreadsheet entitled Master Summary Reconciliations Padre Dam Mass Balance Corrections Calculation. Rita Bell and Karyn Keese were elected to review the documentation and report back to Metro TAC. 2/12: Audit complete. Item added as Standing to Metro TAC agenda.4/12: This issue is scheduled as a standing item and discussed at each Metro TAC meeting until it is resolved. Currently Metro TAC is focusing on the statute of limitations. 2/13: The PAs have received a joint letter from Padre Dam/City of San Diego. The PA's attorneys group continues to meet on this issue. 3/13: The attorney's group has requested an extension to 4/23/13 to respond to San Diego's letter. 5/13: The attorney's group has submitted a letter to Padre Dam and San Diego. 1/14: City of San Diego has submitted an offer to the attorney's group. The attorney's group met in January to discuss. 2/14: Edgar Patino has prepared a spreadsheet of all open financial issues. Karyn Keese is currently reviewing it. The spreadsheet has been given to the attorney's group. 5/14: Metro TAC will meet with the PA attorney group at the May meeting. 9/14: PA Attorney group has submitted a letter to San Diego and Padre Dam outlining a proposed settlement.	Rita Bell Karyn Keese
Waiver and Recycled Water Study Implementation	11/12: Metro TAC requested a timeline from City staff including milestones for the waiver process. The waiver is due no later than 7/30/15. However, the application needs to be submitted six months prior to the July date (2/1/15). Preparation of the waiver will begin in the early part of FYE 2014. 2/13: City staff has met to start coordination of the waiver process. Staff in attendance included Roger Bailey, Marsi Steirer, Guann Hwang, Steve Meyers, and Allan Langworthy. 5/13: Scott Tulloch has briefed Metro TAC and the Metro Commission/JPA on the waiver's history and secondary equivalency. A JPA workshop to be held in June to further discuss. Scott Tulloch is preparing a briefing paper for the Commission's use.6/13: JPA workshop held and PLWTP Steering Committee and Ad Hoc TAC were appointed.	Greg Humora Leah Browder Scott Tulloch Karyn Keese
City of San Diego Recycled Water Pricing Study	San Diego is working on a rate study for pricing recycled water from the South Bay plant and the North City plant. Metro TAC, in addition to individual PAs, has been engaged in this process and has provided comments on drafts San Diego has produced. We are currently waiting for San Diego to promulgate a new draft which addresses the changes we have requested. 10/26/11: draft study still not issued. 5/13: Recycled Water Study to be on July 2013 Metro TAC agenda per PUD staff.6/24/13: Recycled Water Pricing Study goes to IROC. 7/10/13: Recycled Water Study goes to NR&C 9/13: PUD has hired Black & Veatch to review the study	Karyn Keese Rita Bell
Pure Water Program Cost Allocation	A small working group was formed to discuss options to allocate PLWTP offset project costs among the water and wastewater rate payers; Concepts will be discussed at TAC and JPA Board in near future.7/12: Subcommittee to meet with PUD staff & consultants to review TM 8 and economic model.8/12: Subcommittee has meet with City staff and consultants. Economic model has been received. City will not pursue cost allocations until Demonstration Project is complete due to staffing constraints. 6/13: Ad Hoc TAC has started work on cost allocation concept. 5/14: Cost allocation workgroup will meet in May. 6/14: Cost allocation group has met twice.7/14: <i>Cost allocation group continues to meet on a every two week basis.</i>	Greg Humora Leah Browder Scott Tulloch Rick Hopkins Roberto Yano Kristen Crane Al Lau Bob Kennedy Karyn Keese

MetroTAC Items	Description	Subcommittee Member(s)
<b>Board Members' Items</b>		
Rate Case Items	1/12: San Diego is in the process of hiring a consultant to update their rate case. As part of that process, Metro TAC and the Finance Committee will be monitoring the City's proposals as they move forward. 6/12: San Diego hired Black & Veatch as their rate consultant. 2/13: Preliminary results were reported at the IROC Meeting of 2/19/13. Karyn Keese will be working with the IROC Finance Committee to review details. 3/13: Karyn Keese attended a joint workshop with IROC to review the draft revenue requirement for the Rate Case. 4/13: Next meeting with IROC on the rate case is 5/20/13. 5/13: Next special meeting with IROC is June 24, 2013. 6/13: San Diego is only moving forward with Water Rate Case due to needed rate increase. Wastewater does not appear to need a rate adjustment for two years.	Karyn Keese
Exhibit E	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to Schedule E will come directly to the Board as they develop. 2/13: 2010 and 2011 audits are ongoing. 3/13: The 2010 audit is complete and has been presented to Metro TAC & the Finance Committee. Will move forward to Commission at 6/13 meeting. 2011 field work is complete. 2012 sample selected. 9/13: 2012 preliminary fieldwork is complete. Waiting for PUD's answers to questions. 5/14: Fieldwork for all audits is complete (including 2013). True-ups have not been completed since 2008 due to the Padre Dam and North City billing issues.	Karen Jassoy Karyn Keese
Future bonding	Metro TAC and the Finance Committee are active and will monitor this process. Individual items related to bonding efforts will come directly to the Board as they develop. 10/26/11: San Diego is issuing an RFP for a cost of service study to support a future bond issue potentially in mid-2013. Kristin Crane to sit on the selection panel. 2/13: San Diego's preliminary rate case does not show the issuance of additional debt until FY 2018.	Karen Jassoy Karyn Keese Kristen Crane
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
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. 2/12: This Item does not have a champion. Should we remove?	<i>Who should take over?</i>
SDG&E Rate Case	5/14: BBK prepared a draft letter for all PAs to send regarding SDG&E's latest proposal to the PUC regarding the change in off-peak hours. BBK will continue to monitor.	Paula de Sousa
Metro JPA Strategic Plan	6/12: Chairman Ewin to establish a subcommittee to monitor the progress of strategic plan initiatives.	<i>Who should take over?</i>



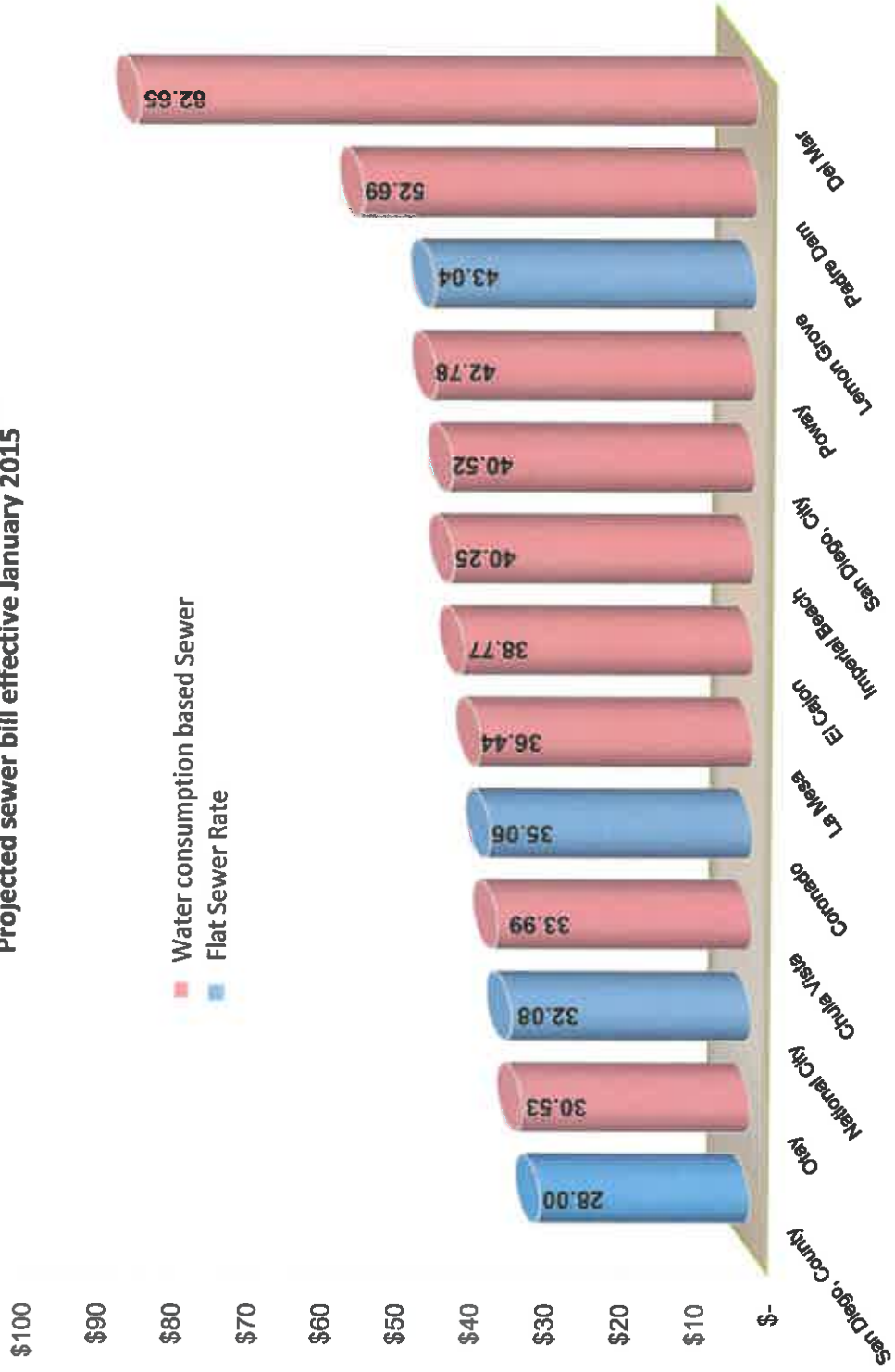
Completed Items	Description	Subcommittee Member(s)
City of San Diego Revised Procurement Process	8/12: San Diego City Engineer James Nagelvoort reported on recent changes to San Diego's procurement process to move projects through more quickly. Technically any CIP projects under \$30 million may no longer need to be reviewed by the Metro TAC or JPA prior to City Council approval. Chairman Humora requested San Diego prepare a summary of the recent changes and the decision points for consideration of the TAC at the September meeting. 10/4: Metro Commission requests further review by TAC to recommend an appropriate level for CIP's to be brought forth to the Commission. 11/12: MetroTAC recommended leaving the thresholds as they are today and therefore everything will go through TAC and then to the JPA for formal action. The policy will be placed on the JPA website. The Metro Commission approved the policy at their November 2012 meeting. San Diego's CIP will become a standing item on the Metro TAC agenda.	Metro TAC
State WDRs & WDR Communications Plan	The Waste Discharge Requirements (WDRs), a statewide requirement that became effective on May 2, 2006, requires all owners of a sewer collection system to prepare a Sewer System Management Plan (SSMP). Agencies' plans have been created. We will continue to work to meet state requirements, taking the opportunity to work together to create efficiencies in producing public outreach literature and implementing public programs. <b>Project complete: 5/10.</b> 2/12: State has proposed new WDR regulations. Metro TAC will not reopen but Dennis Davies will stay on top of the issue.	Dennis Davies
Ocean Maps from Scripps	Schedule a presentation on the Sea Level Rise research by either Dr. Emily Young, San Diego Foundation, or Karen Goodrich, Tijuana River National Estuarine Research Reserve <b>Project complete: 5/10</b>	Board Member Item
Secondary Waiver	The City of San Diego received approval from the Coastal Commission and now the Waiver is being processed by the EPA. The new 5 year waiver to operate the Point Loma Wastewater Treatment Plant at advanced primary went into effect August 1, 2010. <b>Project complete 7/10</b>	Scott Huth
Lateral Issues	Sewer laterals are owned by the property owners they serve, yet laterals often allow infiltration and roots to the main lines causing maintenance issues. As this is a common problem among PAs, the MetroTAC will gather statistics from national studies and develop solutions. 4/11: There has been no change to the issue. We will continue to track this item through SCAP and report back when the issue is active again. <b>Efforts closed 3/11</b>	Tom Howard Joe Smith
Advanced Water Purification Demonstration Project	San Diego engaged CDM to design/build/operate the project for the water repurification pilot program. 2/8/11: Equipment arrived 3/2011; tours will be held when operational (June/July 2011 timeframe). 2/12: Tours are available. San Diego whitepaper on IPR distributed to Metro TAC members. <b>Closed 4/18/12</b>	Al Lau
SDG&E Rate Case	SDG&E has filed Phase 2 of its General Rate Case, which proposes a new "Network Use Charge" which would charge net-energy metered customers for feeding renewable energy into the grid as well as using energy from the grid. The proposal will have a significant impact on entities with existing solar facilities, in some cases, increases their electricity costs by over 400%. Ultimately, the Network Use Charge will mean that renewable energy projects will no longer be as cost effective. SDG&E's proposal will damage the growth of renewable energy in San Diego County. A coalition of public agencies has formed to protest this rate proposal. 2/12: PUC has not accepted SDG&E's filing. Metro TAC move to close this item. Will continue to monitor this. 8/19: Karyn to check with Paula regarding latest SDG&E issues.	Paula de Sousa

Completed Items	Description	Subcommittee Member(s)
Metro JPA Strategic Plan	2/2011: committee to meet 2/28/11 to plan for retreat to be held on 5/5/11. Retreat held and wrap up presented to the Commission at their June Meeting. JPA strategic planning committee to meet to update JPA Strategic Plan and prepare action items. 1/12: Draft strategic plan reviewed by Board and referred to Metro TAC for input. MetroTAC has created a subcommittee to work on this project. 2/12: Metro TAC has completed their final review. Forwarded to Commission. 4/12: Adopted at April 2012 Metro JPA Meeting. Project complete.	Augie Caires Ernie Ewin
Recycled Water Study	As part of the secondary waiver process, San Diego agreed to perform a recycled water study within the Metro service area. That study is currently underway, and MetroTAC has representatives participating in the working groups. TM #8 Costs estimates are out and PAs provided comments on TM#8 and have asked for a technical briefing. 10/16/11: Final draft of report is due out in November 2011. 1/12: Final draft of report is due in March 2012. 3/12: Final draft available for comments until 3/19/12. 4/12: PUD staff to give presentation to Metro JPA at their May meeting. 5/12 PUD staff presented the Recycled Water Study to the Metro JPA at their May meeting. Metro JPA approved the Study as a planning document. Study to move forward to SD City Council in July 2012 with letter of support from JPA. 7/12: City of San Diego approved the Recycled Water Study; Study submitted on time to Coastal Commission. Final report uploaded to JPA website. 11/12: San Diego received a letter from the Coastal Commission. Metro Commission consensus was that based on the tone of the Coastal Commission letter the region may be seeing some time line changes relative to San Diego's projections on the implementation of IPR and that the MetroTAC needs to manage all aspects including the Coastal Commission and multiple issues such as desalination water, Coastal Commissions attitude at this point and pending IPR programs we have heard about.	Scott Huth Al Lau Scott Tulloch Karyn Keese
IRWMP	4/12: Metro TAC received a presentation from Cathy Pieroni (City of San Diego) on the Integrated Regional Water Management Program (IRWMP). Group is still relatively informal but plans to become more structured during its upcoming 2 year plan update. There is a governance & finance work group that starts in the 3rd quarter of 2012 and at that point the JPA role will be examined. Padre Dam and Chula Vista are regular participants. 9/19: Cathy Pieroni gave an update. Recommendation by IRWM to the RAC to include a seat for the Metro JPA. Bob Kennedy will attend the October 3, 2012 meeting representing the JPA. 11/12: At their November 2012 meeting the Metro Commission unanimously appointed Bob Kennedy of Otay Water District as primary and Metro TAC Chairman Greg Humora as alternate to the IRWMP RAC. 2/13: On February 6, 2013 Bob Kennedy attended the IRWMP meeting. Metro JPA has been added as a permanent member of the Water Quality subcommittee of the RAC. The City of San Diego presented an overview of the Recycled Water Study. Next meeting scheduled for April 3, 2013. Closed 4/12 as the Metro JPA has become a member.	Bob Kennedy Greg Humora
Role of Metro JPA regarding Recycled Water	As plans for water reuse unfold and projects are identified, Metro JPA's role must be defined with respect to water reuse and impacts to the various regional sewer treatment and conveyance facilities. 2/12: Scott Huth removed as member due to new position. JPA/Metro TAC needs to appoint a new representative. 4/13: Scott Tulloch added to this subcommittee. Metro TAC member needed. 5/13: Greg Humora added to this work group. 6/13: This group was formalized by the JPA as the PLWTP Ad Hoc Technical Advisory Committee.	Greg Humora Karyn Keese Scott Tulloch

Completed Items	Description	Subcommittee Member(s)
San Diego Wastewater 50th Anniversary Celebration	5/13: Cheryl Lester presented the draft plan for the Anniversary celebration. She requested Metro Commission/JPA participation. Commission Parks will represent the Commission/JPA. 9/13: The celebration was a big success and was well attended.	Sherryl Parks
SDG&E Rate Case	8/19: Karyn to check with Paula regarding latest SDG&E issues. 11/12: Sophie Akins from BBK will present updated information to Metro TAC.	Paula de Sousa
Salt Creek Diversion	9/2010: OWD, Chula Vista and San Diego met to discuss options and who will pay for project; Chula Vista and OWD are reviewing options. 2/2011: OWD and PBS&J reviewed calculations with PUD staff; San Diego to provide backup data for TAC to review. This option is also covered in the Recycle Water Study. 10/26/11: Back-up information has still not been received from staff. 8/12: San Diego to conduct business case evaluation and add to Capital Improvement Program as recommend by Metro Commission to San Diego City Council on July 17, 2012 in support of the Recycled Water Study. 5/14: PUD staff has prepared and presented a Business Case. This has been discussed at the March, April, & May Metro TAC meetings. 5/14: Metro TAC agreed with PUD staff recommendation that this project should not be pursued at this time. Otay abstained from the vote.	Roberto Yano Bob Kennedy Karyn Keese Rita Bell



# **Sewer Rate Comparison in San Diego County** **7 Unit Water Use and 3/4" Residential Meter** **Projected sewer bill effective January 2015**



# 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

Updated 1/19/2015

EXP

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		
National City	Kuna Muthusamy	As-Needed Engineering Services	7/25/14
Coronado	Ed Walton		
Otay Water District	Bob Kennedy	Strategic Planning (Volunteered, participated last year)	01/2014
Del Mar	Eric Minicilli		
Padre Dam	Al Lau	Pure Water Program Manager Services	9/1/14
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		

# ATTACHMENT 9

## Pt. Loma Permit Renewal

## Point Loma Permit/Potable Reuse KEY MILESTONE DATES



02/26/2015

DATE	TASK	FOLLOW UP ACTION/STATUS
12/13/2013	San Diego provide draft facilities plan to stakeholders	Draft provided. Enviro requested if schedule could be accelerated. San Diego provide update on 2/5/14
January	Begin outreach to regulators, legislators, key stakeholders and public	San Diego signed contract with Katz Assoc. 5/14
04/16/2014	San Diego Define Secondary Equivalency. Provide draft white paper	Comments provided on white paper. Enviro requested an analysis to be run using existing flows as a base line for comparison. Also look a concentration limits.
04/23/2014	San Diego meet with JPA on cost allocation. 1) Agree on methodology 2) Insert construction costs from facilities plan	San Diego to look at comparing PR facilities construction through secondary to secondary at Point Loma.
February	First draft of legislative language	Draft prepared
February	Seek Congressional sponsor for legislation (Issa/Davis ?)	Need to define secondary equivalency 1st
02/24/2013	Imperial Beach outfall meeting	Halla agreed to look at additional potable reuse to reduce south bay discharge
03/05/2014	San Diego (Ann, Brent, Bob, Allan) meet with EPA staff	Pure Water program was well received by EPA
March	Resolve Padre Dam mass balance correction. This is holding up the FY12, FY11, FY10, and FY09 audits	<b>Letter sent to SD &amp; PD on 8/29/14 from ALL PAs</b>
March	Resolve North City billing correction	These adjustments may be combined with Padre Dam mass balance corrections
March	Resolve recycled water revenue	These adjustments will occur with true-up following Padre Dam and North City
03/07/2014	Presentation to SANDAG Regional Planning Committee	Presentation was well received
03/27/2014	San Diego County Water Authority Board Meeting	CWA voted to delay changes in cost allocations until 2016
06/30/2014	Complete cost analysis and rate impact review Finalize cost allocation method	Target of Feb 15 to finalize
8/8 - 10/8	Agency presentations	
10/08/2014	City of San Diego Environmental Committee	Consideration of Pt Loma Permit
10/16/2014	Metro Commission - VOTE on Supporting Permit	
11/18/2014	City of San Diego City Council Meeting	Consideration of Pt Loma Permit and Side Agreement. Passed 9-0
Nov-April 2015	Refine cost allocation	Scheduled to meet every two weeks
January	Submit NPDES Permit to the Environmental Protection Agency	Submitted!
	Prepare proposed lang for administrative fix to Clean Water Act	
	Be ready to provide lang for legislative fix to Clean Water Act	
03/04/2015	Stakeholders meeting	

### Milestone Progress Dashboard

