

METRO TAC AGENDA (Technical Advisory Committee to Metro JPA)

- TO: Metro TAC Representatives and Metro Commissioners
- **DATE:** Wednesday, February 19, 2014

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

LOCATION: MWWD, 9192 Topaz Way, (MOC II Auditorium) – Lunch will be provided

PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES

- 1. Review and Approve MetroTAC Action Minutes for the Meeting of January 15, 2014 (Attachment)
- 2. Metro Commission/JPA Board Meeting Recap (Standing Item)
- 3. <u>ACTION</u>: Consideration and possible action to recommend approval of South Bay Water Reclamation Plant Demineralization Project (Attachment)
- 4. <u>ACTION:</u> Consideration and possible action to recommend approval of sponsorship by the JPA for \$1,000 for the Water Reliability Coalition. (Greg Humora).
- 5. <u>ACTION:</u> Consideration and possible action to recommend approval of Reimbursement Agreement for Administrative Support By and Between the City of San Diego and Metro Wastewater Joint Powers Authority (Effective April 11, 2014) (Attachment) (Karyn Keese)
- <u>ACTION:</u> Consideration and possible action to recommend approval of Agreement for Administrative Support Services By and Between the Metro Wastewater Joint Powers Authority and Lori Anne Peoples (Effective April 11, 2014) (Attachment) (Karyn Keese)
- 7. Metro Wastewater Update (Standing Item)
- 8. Metro Capital Improvement Program and Funding Sources (Standing Item) (Guann Hwang)
 CIP Quarterly Report
- 9. MetroTAC Work Plan (Standing Item) (Attachment)
- 10. Financial Update (Standing Item) (Karyn Keese)
- 11. Point Loma Permit Renewal (Standing Item) (Attachment)
- 12. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (March 6, 2014)
- 13. Other Business of Metro TAC
- 14. Adjournment (To the next Regular Meeting, March 19, 2014)

Metro TAC 2014 Meeting Schedule

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



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

ACTION MINUTES

DATE OF MEETING: January 15, 2014

TIME: 11:00 AM

LOCATION:

MWWD, MOC II Auditorium

MEETING ATTENDANCE:

Greg Humora, La Mesa Al Lau, Padre Dam MWD Dennis Davies, El Cajon Tom Howard, Poway Leah Browder, Poway Rita Bell, Otay WD Stephen Beppler, Otay WD Kevin Koeppen, Otay WD Roberto Yano, Chula Vista Eric Minicilli, Del Mar Ann Sasaki, City of San Diego Lee Ann Jones-Santos, City of San Diego Guann Hwang, City of San Diego Peggy Merino, City of San Diego Edgar Patino, City of San Diego Tung Phung, City of San Diego Susan Bowman, City of San Diego Jane Arnold, City of San Diego Tom Crane, City of San Diego Karyn Keese, Atkins

1. Review and Approve MetroTAC Action Minutes for the Meeting of September 18, 2013 Roberto Yano moved approval of the September 18, 2013 minutes. The motion was seconded by Al Lau and the minutes were approved unanimously.

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

There was no meeting in January. The December Commission/JPA meeting focused on a presentation by Marsi Steirer on the Potable Reuse Project and an update by the Permit/Reuse Ad Hoc Committee. In addition, Chairwoman Cox took a poll of Commission members regarding their support for the Joint Resolution Supporting Development of a Long-Range Regional Water Reuse Plan and Secondary Equivalency for Point Loma Wastewater Treatment Plant.

3. Acceptance of 2014 Metro TAC Meeting Calendar

Metro TAC members reviewed the meeting calendar for 2014 and accepted it.

4. Presentation: SAP EAM Project Briefing

PUD staff member Tom Crane introduced this item. He also discussed that the PUD was starting their FY 2014 strategic planning sessions and requested a representative from Metro TAC. Dennis Davies will represent Metro TAC this year. There will be three work sessions in May and June.

Susan Bowman, Asset Management Program Manager, and Jane Arnold, Public Utilities SAP Project Manager, presented. Ms. Bowman provided copies of the City-wide Council Policy 800-16, adopted on November 20, 2013 (included as Attachment A to these minutes). She noted that the Policy is intended to state the principles of asset management and establishes the overall guidelines and plan steps for Enterprise Asset Management (EAM) to follow. Ms. Bowman referred to and described the Policy in more detail. She noted that any City Department that puts an Asset Management Plan together is expected to follow this Policy, which outlines 10-Steps.

Next, Ms. Bowman gave an update on the SAP EAM Project .She indicated the SAP Enterprise Asset Management Software Solution for the City is underway, and the goal is to replace the three Public Utilities' maintenance management systems with a fully integrated system that integrates with the City-wide SAP solution to operate assets as effectively as possible. She referred to diagrams and described the Project scope and vision.

Ms. Arnold concluded by describing the Project timeline, noting the five phases spanning over a 3-4 year period. This includes Phase I: Project preparation; Phase II: Business blueprinting; Phase III: Realization; Phase IV: Final preparation; and Phase V: Go-live and stabilization. Last, she reviewed the Project costs of approximately \$38M over three-years that include City staff, professional consulting services, hardware/software and other. This is funding is budgeted from Public Utilities and the Department of IT CIP Projects. City staff is still working on Metro's cost allocation and will bring the cost sharing back to Metro TAC for final review. Metro TAC requested that this also be presented to the Commission.

5. Discussion: North City Reclamation Plant Issue and Padre Dam Sludge

Edgar Patino reviewed the findings from the Brown & Caldwell Metro Strength Based Billing Evaluation performed in 2013. One of the findings of the evaluation was that the recycled water produced at the North City WRP and distributed to nearby City of San Diego customers is not considered when determining City of San Diego flows for billing purposes. In addition, in the past MBC centrate was not subtracted as it has been since FY2010. It was Brown & Caldwell's recommendation that the recycled water produced at the North City WRP should be added to the San Diego flows for North City.

Mr. Patino handed out a schematic developed to show the flows at North City WRP and a Master Summary Reconciliation for the North City Adjustment from FY 2004 to FY2008 totaling \$935,722 due collectively to the PAs (Attachment B to these minutes). This time period for billing adjustments is consistent, per Mr. Patino, with San Diego's offer to the PAs for the Padre Dam sludge adjustment. A letter from the City of San Diego to the PA attorney group was sent out in early December and the PA attorney group is meeting to discuss this offer. However, the outcome of the negotiations over the statue of limitations is unknown at this time and thus the attached reconciliation is for information purposes only. Karyn Keese will meet with the PUD staff to verify the determination of the numbers. The attorneys group is reviewing the proposal provided by the City of San Diego/Padre Dam and will be meeting on 1/23/14.

6. Metro Wastewater Update

- Peggy Merino stated that the FYE 2015 estimated sewer service charges and the 10 year CIP estimates had been mailed to each PA on January 14. A copy of the estimate is included as Attachment C to these minutes.
- Ann Sasaki discussed the formation of the Secondary Waiver/IPR Program. Ann will direct the program and other key staff will have important rolls. Lee Ann Jones-Santos will lead the financing and cost allocation team, Bob Mulvey will head up public outreach, and Marsi Steirer will continue the facilities planning efforts. Staff is working on an updated facilities plan that will refine the IPR alternatives included in the Recycled Water Study so that a 20-year financial plan can be developed.

7. Metro Capital Improvement Program and Funding Sources.

PUD staff provided two CIP handouts. The first was the 2007 Cost of Service Study (COSS) crosswalk. This was developed for IROC and tracks only the projects contained in the COSS and shows such things as when the project was completed, the final project cost, and changes in project schedules, etc.

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The second handout was the first quarter CIP report for Metro projects (July to September 2013). The South Bay Demineralization project was discussed. This project had not been awarded in the first quarter and thus only the projected construction costs are shown. The final costs, including soft costs, will be shown in the second quarter report. PUD staff will be bringing the full project costs for the demin facility back to Metro TAC in February for review.

8. MetroTAC Work Plan

The work plan was updated to reflect the beginning of the JPA website construction in December. Chairman Humora thanked PUD staff for providing the pictures of Metro facilities. In addition, Karyn Keese requested that the Ad Hoc provide a list of the extensive public outreach they have performed so it could be included. She also requested that members update their sewer rates if there have been any rate changes.

9. Financial Update

Karyn Keese reported that FYE12 audit is almost complete. Some flow issues and sample issues are still to be worked out. After discussions with Chairman Humora the number of PA O&M samples for the FYE13 audit was set at 100. This is the same number of samples typically used. The number of PA O&M sample was increased in FYE11 to 200 because of the transition to the new SAP financial system. Because we are comfortable that the transition and use of the new software is not creating an increase in the error percentage we feel comfortable going back to the normal sample size for the audit.. The majority of errors were caught by staff during the year-end closeout process. In addition the testing of chemicals purchases was lowered to a maximum of 25 because they have not proved to be an audit issue but make up 56% of the O&M transactions. In addition, an added agreed upon audit procedure is the review of all internal San Diego legal costs charged to Metro. The final reconciliation of FYE 2009, 2010, & 2011 has been delayed due to the Padre Dam sludge issue. The audits are complete except for the final reconciliation which would result in refunds and/or additional billings to the PAs.

10. Point Loma Permit Renewal

Chairman Humora and Leah Browder reported on the positive progress over the last few months in working with PUD staff and the environmental community. Currently a small group is working on a dual track for cost allocations. The group will first look at the methodology aspect and develop concepts. When numbers are available they will be plugged into the concepts and rate impacts for water and wastewater will be determined for the projects. The economic model will be dynamic and any new facilities or refined costs will be added/updated as needed. PUD staff is working on a whitepaper that will support the secondary equivalency issue and will form the basis for national legislative change so the waiver application every 5 years will be eliminated and simply replaced with the normal permit renewal. PUD staff is working to put together a scientist's panel to support their effort. PUD staff is putting together a schedule of project milestones and this should be available for the next Metro TAC meeting. PUD staff has announced that Interim Mayor Todd Gloria has claimed the roll as political champion for this project. This is excellent news.

11. Review of Items to be Brought Forward to the next Metro Commission/Metro JPA Meeting (February 6, 2013)

The following items will be brought forward to the February Metro Commission meeting:

- Permit/Reuse Ad Hoc committee update
- SAP EAM Project Briefing
- Request for a Metro Commission member to serve on the 2015 strategic planning

12. Other Business of Metro TAC

Rita Bell handed out the minutes from the last San Diego Integrated Regional Water Management Meetings held October 6 and December 4, 2013. Bob Kennedy attended these

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meetings of behalf of Metro TAC/Commission/JPA. A copy of these minutes is included as Attachment D.

12. Adjournment (To the next Regular Meeting, February 19, 2014)

ATTACHMENT A

CURRENT

SUBJECT:ASSET MANAGEMENT GUIDELINES AND PLAN STEPSPOLICY NO.:800-16EFFECTIVE DATE:November 20, 2013

PURPOSE:

This Council Policy establishes the overall guidelines and plan steps for Enterprise Asset Management (EAM) in the City of San Diego.

SCOPE:

This Council Policy applies to City departments that have the responsibility for the planning, acquisition, operating, maintaining, reporting and/or disposing of assets.

DEFINITION(S):

<u>Asset</u>: Plant, machinery, equipment, property, buildings, structures, underground conduits and facilities, vehicles, and other items or related systems that have a distinct and quantifiable business function with a useful life expectancy greater than one year and a value of \$5,000 or more.

<u>Asset Prioritization Process</u>: The method for prioritizing the renewal/repair/replacement activities within a class of assets.

<u>EAM Steering Committee:</u> The City has established the "EAM Steering Committee" comprised of representatives from asset managing departments. The EAM Steering Committee facilitates the identifying and documenting of existing criteria and processes for managing assets in the City, including the acquisition, maintenance, tracking, and disposal of assets and also recommends new City-wide processes related to the management of assets.

Enterprise Asset Management System (SAP EAM): A system to manage assets across departments for the whole life of the asset to maximize value.

CIPRAC: Capital Improvement Program Review and Advisory Committee.

<u>Level of Service</u>: These are defined and measureable service levels that relate to quality, quantity, reliability, responsiveness, environmental, acceptability, and cost.



<u>Life Cycle:</u> The phases of an asset, from the time it is constructed or acquired, through its operation and maintenance while in service, and through its eventual disposal.

<u>Life Cycle Costs:</u> This is comprised of all costs associated with placing and keeping the asset operational for its intended use.

<u>Property Record</u>: The document (electronic or hard copy) used for adding an asset to the City's inventory.

<u>Useful Life</u>: The period over which an asset is expected to be operational.

RESOURCE REQUIREMENTS:

Key roles and responsibilities for supporting City's EAM policies are:

<u>CIPRAC</u>: CIPRAC provides strategic direction to the EAM Steering Committee on developing and implementing asset management systems, including asset management policies, strategies, and plans. They seek to ensure the process is adequately resourced, and provide top down communications and direction to the organization to help embed asset management principles and practices.

<u>EAM Steering Committee</u>: Identify and document existing criteria and processes for managing assets in the City, including the planning, acquisition, operating, maintaining, reporting and disposing of assets. The committee also leads the development of and makes recommendations regarding the implementation of city-wide asset processes and guidelines. The Committee is also responsible for the oversight of the city-wide asset index that documents the naming conventions for tracking assets.

<u>Stakeholders:</u> Staff and contractors will support and follow these guidelines and contribute to the program's continuous improvement. The City is committed to providing the information, training and resources needed to accomplish the goals of asset management.

CURRENT

ASSET MANAGEMENT GUIDELINES:

<u>Introduction:</u> Asset management is a business program and a decision-making framework that covers an extended time horizon. It is a comprehensive and continuous process focused on assessing the value and condition of assets with the goal of minimizing the total lifecycle cost of ownership while providing the required Level of Service. An effective program integrates the disciplines of economics, engineering, maintenance, operations and IT working together to build and maintain sustainable assets.

<u>Purpose</u>: The City has made significant investments in the acquisition, construction, maintenance, and operation of the City's wide range of facilities and assets for which City departments are responsible stewards. Increasing user demands, limited resources, and aging assets impact today's environment and make it necessary for all City departments to safeguard and maintain their assets in order to receive the maximum benefit from those assets and to make good future capital investment decisions.

- 1. It is the City's intent to establish an EAM framework through integrated processes, procedures, guidelines, and a common database. It is also the City's intent to become a leader in EAM while working as one unit to manage its asset infrastructure in a fiscally sound, efficient, and transparent manner while delivering services with a responsive and innovative workforce.
- 2. It is the City's intent to maintain effective internal controls to manage its fixed assets and to maintain proper records regarding the use and disposition of those assets. These guidelines apply to assets acquired with funding originating from various sources and assets received by the City by gift or loan.
- 3. It is the City's intent to shift its focus from asset acquisition to one of optimizing the balance of preserving, upgrading, and replacing our assets through cost-effective management, programming, and informed decision-making.
- 4. It is the City's intent to support the goals of the City's Charter and General Plan. Capital investments will be targeted to support the goals of any adopted strategic and tactical plans.

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- 5. The City will invest in, maintain, and operate assets to:
 - a. Meet reliability standards, availability requirements, regional adequacy guidelines, efficiency needs, environmental requirements, safety and security standards, and all legal and regulatory requirements;
 - b. Minimize the life cycle costs of assets to the extent practical.
- 6. It is the City's intent to implement an asset management program to govern the planning, acquisition, operating, maintaining, reporting and disposing of assets by:
 - a. Evaluating and applying asset management best practices;
 - b. Establishing full lifecycle asset management strategies and asset objectives directed at achieving the City's vision, mission, and strategic objectives;
 - c. Developing asset management plans to implement the strategies and achieve the asset objectives and targets;
 - d. Monitoring and ensuring delivery of the asset objectives and targets;
 - e. Employing the City's risk management policy and approach;
 - f. Providing access to standardized asset and financial information;
 - g. Establishing clear roles, responsibilities, and accountabilities; and
 - h. Incorporating structured reviews directed at continuously improving the program.

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- 7. It is the City's intent to adhere to the following principles:
 - a. An Asset Management Program should be:

Customer focused - considers stakeholders in business decisions.

Mission driven - being strategic and having clearly defined objectives.

System oriented – standardized processes, procedures and coordination.

Long-term in outlook – considers the entire lifespan of the asset.

Accessible and user friendly – promote ease of use.

Flexible – adaptive to changes and be able to meet unique department needs.

Maintained - current, integrated and supported.

b. An Asset Management Program should include:

Strategic goals and objectives – well-defined, achievable department and city-wide efforts.

Measures of strategic goals and objectives – desired results/outcomes can be planned, committed to, quantified and demonstrated.

Inventory of assets – a comprehensive, consistent list, with standard nomenclature, of all owned assets as defined in the Definitions section.

Valuation of assets – acquisition cost, current value, and replacement cost.

Quantitative condition and performance measures – periodic condition assessments and failure analysis of all assets.

Usage and capacity information – identify and track current and future needs.

Performance prediction capabilities – deterioration monitoring and response to asset performance requirements.

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Centralized database – a collection of information at a single location, accessible from numerous points.

Consideration of qualitative issues – ability to include non-quantifiable factors.

Support of the budget process – ability to generate data to substantiate investment decisions.

Engineering and economic analysis tools – advanced data evaluation for comparing alternate scenarios for managing assets.

Prioritization criteria based upon established City rules and guidelines – ability to prioritize investment options.

Effective reporting capabilities – able to produce information and analysis on all aspects of managing assets.

Continuous feedback procedures – a verifiable, transparent, accessible and flexible program that provides continuous improvement.

ASSET MANAGEMENT PLAN STEPS:

Step 1 - Develop Asset Registry – This step is intended to clearly develop or identify the process and all related documents for placing the asset into a City inventory system. For example, to describe appropriate reference documents and provide samples of these for further clarification and understanding; describe how often this process may occur and how departments ensure that the registry (inventory) is maintained current and accurate. Resources necessary to accomplish this step include asset manager, operational staff, information systems analyst and data entry staff.

Step 2 - Assess Condition, Failure Modes – At the same time that an asset is added to the inventory, define how the process and/or paperwork is used to establish its condition. For example, define its anticipated life expectancy based on some standard; identify in what manner and how frequently to assess the condition of this asset class; describe the ways in which this asset may "fail" such as use, capacity, structural, economical, and obsolescence; how to track or monitor the asset aging process. Resources necessary to accomplish this step include asset manager, engineering and technical staff, operational staff, and data entry.

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Step 3 - Determine Residual Life – This step should describe the financial life as defined by the Office of the City Comptroller. This is normally an accounting process involving actual cost, depreciation and improvements.

The operational useful life is more subjective but may start with the industry or manufacturer's standards for the asset or input from operational on typical asset life. Its residual useful life is determined by a condition assessment that should be performed at some predetermined frequency. This step should describe how the useful life is determined for this asset class. Resources necessary to accomplish this step include asset manager, engineering and technical staff, operational staff, and financial analyst.

Step 4 - Determine Life Cycle and Replacement Costs – The asset life cycle costs include all associated costs (total cost of ownership) such as the cost of purchase, construction, installation, maintenance, repair, and operational costs like utility needs, consumables, operator salaries and custodial cleaning. Replacement Costs are based on actual replacement cost quotes or project costs based on today's costs indexed into the future (including inflation and technology development as examples). In this step, establish decay curves for each asset type or classification. Resources necessary to accomplish this step include asset manager, engineering and technical staff, operational staff, and financial analyst.

Step 5 - Set Target Levels of Service (LOS) – This step is intended to describe the levels of service that the asset should provide. For example, describe a full service level and what it takes (resources wise) to sustain the asset at a full service level; identify demands from stakeholders, what is required from regulators, and the asset limitations; set other target levels of service in absolute terms (i.e. describe what they specifically provide) or as a percentage of full service level. Resources necessary to accomplish this step include asset manager, financial analyst, and policy or decision maker.

Step 6 - Determine Business Risk ("Criticality") – This step is intended to define the various factors such as cost, environmental, regulatory, health & safety, financial, legal, public perception or operational that are associated with the asset. It should determine the likelihood of each risk factor and the possible (likely) consequences. Consequence of Failure x Probability of Failure = Business Risk Exposure (BRE). Critical assets are those that have a high risk of failure (old, poor condition, etc) and major consequence of failure (major expense, safety, regulatory, etc). Resources necessary to accomplish this step include asset manager, risk manager or legal advisor, engineer or technical staff, planner, and analyst.

CURRENT

Step 7 - Optimize Operations and Maintenance (O&M) Investment – Simply stated, the optimum O&M investment is that which provides the best return for the available resources. For example, describe the decision making processes by which resources are allocated to these assets; define the needs assessment process and the associated asset prioritization methods; define how the needs are determined; how are they prioritized; how are available funds used most effectively; what are the types of funds available. Additionally, determine the costs and benefits of repair, rehab or replacement of the asset. Resources necessary to accomplish this step include asset manager, engineer or technical staff, operational staff, and financial analyst.

Step 8 - Optimize Capital Investment – This step is intended to describe current policy related to capital investment for this asset class. For example, what is the process for identifying CIP needs; how are needs prioritized; which City organizations participate in this process. This may include defining the needs assessment process and the associated asset prioritization methods; define the public role in the process; describe how the process results in a multi-year CIP outlook for this asset class. Resources necessary to accomplish this step include asset manager, engineer or technical staff, and analyst.

Step 9 - Determine Funding Strategy – The funding strategy begins by identifying all available and potential funding sources and the rules and restrictions for their proper use. For example, describe the process for determining funding opportunities; identify the organizations involved; describe steps in securing the funding, etc. Resources necessary to accomplish this step include asset manager, financial analyst, and policy maker.

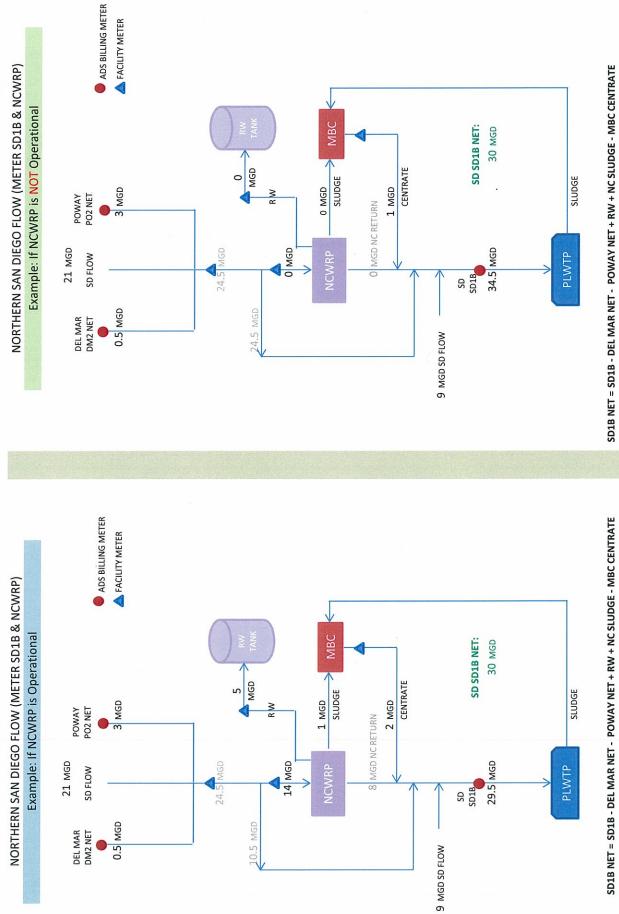
Step 10 - Build Asset Management Plan – Based on information from all of the above steps, create an asset specific Citywide or Department specific plan for managing each asset class. The plan should provide the necessary processes, flow charts, guidelines, forms, identification of resources, contributing or supporting or reference documents needed for its full implementation. Resources necessary to accomplish this step include asset manager, policy maker, and data entry.

QUALITY CONTROL REVIEW:

The asset owning departments will periodically review their adherence to these Asset Management Guidelines and Plan Steps to ensure that the City's intent of building and maintaining an adequate infrastructure for its citizens is being accomplished.

HISTORY: "Asset Management Guidelines and Plan Steps" Adopted by Resolution R-308574 – 11/20/2013

ATTACHMENT B



| | | City of S | City of San Diego | | | |
|---------------------------|-------------|-----------------|--------------------------------|-------------|-------------|-------------|
| | | Master Summa | Master Summary Reconciliation | | | |
| | | North City RW A | North City RW Adjustments Only | | | |
| | | | | | | |
| Agency | FY 2008 | FY 2007 | FY 2006 | FY 2005 | FY 2004 | TOTAL |
| City of Chula Vista | (\$200,464) | (\$161,210) | (\$60,883) | \$110,743 | \$9,797 | (\$302,017) |
| City of Coronado | (\$20,601) | (\$18,531) | (\$6,933) | \$13,444 | \$1,342 | (\$31,279) |
| City of Del Mar | (\$7,641) | (\$6,352) | (\$2,632) | \$4,702 | \$424 | (\$11,499) |
| East Otay Mesa | \$0 | \$0 | \$0 | ¢Ο | \$0 | ¢Ο |
| City of El Cajon | (\$98,493) | (\$74,101) | (\$28,277) | \$52,955 | \$4,833 | (\$143,083) |
| City of Imperial Beach | (\$24,499) | (\$19,450) | (\$8,218) | \$14,321 | \$1,401 | (\$36,445) |
| City of La Mesa | (\$56,608) | (\$43,670) | (\$16,859) | \$30,872 | \$2,891 | (\$83,374) |
| Lakeside/Alpine | (\$34,227) | (\$27,024) | (\$11,120) | \$19,526 | \$1,850 | (\$50,995) |
| City of Lemon Grove | (\$23,485) | (\$19,373) | (\$7,396) | \$14,154 | \$1,437 | (\$34,663) |
| The City of National City | (\$51,859) | (\$44,470) | (\$19,695) | \$33,636 | \$3,106 | (\$79,282) |
| Otay Water District | (\$10,665) | (\$8,686) | (\$3,701) | \$6,714 | \$317 | (\$16,021) |
| Padre Dam Water District | (\$41,754) | (\$31,800) | (\$11,896) | \$24,821 | \$2,055 | (\$58,574) |
| City of Poway | (\$36,771) | (\$26,863) | (\$10,845) | \$22,230 | \$2,197 | (\$50,052) |
| Spring Valley | (\$65,232) | (\$53,534) | (\$21,406) | \$42,348 | \$72,597 | (\$25,227) |
| Wintergardens | (\$9,102) | (\$7,102) | (\$2,785) | \$5,258 | \$527 | (\$13,204) |
| City of San Diego | \$681,399 | \$542,167 | \$212,650 | (\$395,719) | (\$104,775) | \$935,722 |
| | \$ (2) | \$ 1 \$ | 4 | \$ 5 | | \$ (1) |

Prepared by E. Patino, Public Utilities Department 1/15/2014

ATTACHMENT C

PUBLIC UTILITIES DEPARTMENT

ESTIMATED CIP PROJECTS FY 2015 - FY 2024

| CIP PROJECTS | - FUND 41508 | 10 YEAR |
|------------------|---|-----------------|
| CIP/WBS # | TITLE | TOTAL |
| 45-943.0/ S00315 | POINT LOMA - GRIT PROCESSING IMPROVEMENTS | \$ 5,676,441 |
| | TOTAL 41508 | \$5,676,441 |

| CIP PROJECTS | S - FUND 41509 | 10 YEAR TOTAL |
|------------------|---|------------------|
| | | |
| AB000001 | ANNUAL ALLOCATION-METRO TREATMENT PLANTS | \$ 10,728,780 |
| S12036 | BACKUP GENERATORS AT SPS's, TP & EMTS (D/B) | \$ 2,291,437 |
| S14000 | EAM ERP IMPLEMENTATION (METRO) | \$ 3,703,400 |
| AJB00001 | MWWD TRUNK SEWERS | \$ 7,632,496 |
| ABP00002 | METROPOLITAN SYSTEM PUMP STATIONS | \$ 3,620,000 |
| S00319 | EM & TS LAB ESPLANADE AND STEAM LINE RELOCATION | \$ 1,892,015 |
| 45-984.0/ S00322 | MBC BIOSOLIDS STORAGE SILOS | \$ 2,261,852 |
| 45-989.0/ S00339 | MBC DEWATERING CENTRIFUGES REPLACEMENT (SA)JO#141590 | \$ 8,376,383 |
| 45-981.0/ S00323 | MBC ODOR CONTROL FACILITY UPGRADES | \$ 5,063,062 |
| 45-992.0/ S00309 | NCWRP - SLUDGE PUMP STATION UPGRADE | \$ - |
| 45-915.0/ S00312 | PUMP STATION 2 POWER RELIABILITY & SURGE PROTECTION | \$ 27,970,000 |
| 41-943.0/ 888069 | SOUTH BAY PUMP STATION AND CONVEYANCE SYSTEM PHASE 1 | \$ 19,925,912 |
| 42-931.0/ 888068 | SOUTH BAY WASTEWATER TREATMENT PLANT PHASE 1 | \$ 19,925,912 |
| 42-930.0/ S00310 | SBWRP DEMINERALIZATION PHASE 1 & 2 | \$ 378,734 |
| 45-961.0/ S00317 | SOUTH METRO SEWER REHABILITATION PHASE 3B | \$ 9,114,957 |
| 45-940.0/ S00314 | WET WEATHER STORAGE FACILITY - LIVE STREAM DISCHARGE | \$ 5,000,000 |
| 88065 | WET WEATHER STORAGE FACILITY PHASE 1 (W/EMERGENCY STREAM DISCHARGE) | \$ 80,080,015 |
| L10000 | OVATION UPGRADES (METRO FACILITIES CONTROL SYSTEM) | \$ 680,506 |
| | TOTAL 41509 | \$208,645,462 |

With the implementation of SAP Capital Projects have WBS numbers.

TABLE A

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT FISCAL YEAR 2014 ESTIMATED UNIT COSTS FUNCTIONAL-DESIGN COST ALLOCATION METHOD

| TREATMENT PARAMETER | FY 2015 BUDGET | | UNITS | C | COST PER UNIT |
|------------------------|------------------------|------------|-------------|-----------|---------------------------------|
| WASTEWATER FLOW | AMOUNT \$94,244,722 | % 49.2% | 67,525 (a) | \$1,395.7 | \$1,395.70 /per Million Gallons |
| SUSPENDED SOLIDS | \$50,873,612 | 26.6% | 162,060 (b) | \$313.9 | \$313.92 /per Thousand Pounds |
| CHEMICAL OXYGEN DEMAND | \$46,405,662 | 24.2% | 311,710 (c) | \$148.8 | \$148.87 /per Thousand Pounds |
| TOTAL | \$191,523,995 | 100% | | | |
| | | | | | |

(a) Units of Flow - Million Gallons Per Year(b) Units of SS - Thousands of Pounds per Year(c) Units of COD - Thousands of Pounds per Year

Updated 1-14-14 (For January projections) P. Merino

| CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT | TED DISTRIBUTION OF SYSTEM WASTEWATER COSTS - FISCAL YEAR 20 | |
|--|--|---------------|
| CITY OF SAN DIEGO - | TED DISTRIBUTION OF | C THIOLEOIN L |

TABLE B

| PROJECTED DISTRIBUTION OF SYSTEM WASTEWATER COSTS - FISCAL YEAR 2015 FUNCTIONAL-DESIGN BASED ALL OCATION METHOD | |
|--|--|
|--|--|

| AGENCY FLOW (a) SOLUS AND CHEMICAL OXYGEN DEMAND AGENCY FLOW (a) SS (a) COD (a) CHULA VISTA \$9,530,196 \$5,211,986 \$4,845,730 CORONADO 1,420,603 499,408 \$5,332,196 \$4,845,730 DEL MAR 1,40,376 \$5,829 \$4,845,730 \$5,933 \$6,4388 \$6,4388 \$6,4388 \$6,4388 \$6,45,308 \$6,4388 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$6,4666 \$6,666 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$1,829,433 \$6,45,096 \$6,66,666 \$6,666 \$1,829,433 \$6,66,666 \$1,828,575 \$1,263,407 \$2,568,876 \$1,105,411 \$2,539,666 \$6,666,666 \$1,003,132 \$1,263,407 \$2,038,656 \$1,263,407 \$2,038,269 \$1,003,132 \$1,263,407 \$2,038,266 \$1,263,407 \$2,038,266 \$1,003,132 \$1,269,407 \$2,09,668 \$2,09,688 | LIDS AND CHEMICA SS (a) \$5,211,986 489,408 | AL OXYGEN DEMAND | TOTAL FLOW, | | | |
|--|--|------------------|---------------|---------|---------|---------|
| <pre>/ISTA \$9,530,196 \$5,5 /ISTA \$9,530,196 \$5,5 /IADO 1,420,603 4 4 /IADO 1,420,603 1,6 //AV MESA 13,476 1,3,476 // /AV MESA 13,476 1,291,457 6 6 // // // 1,281,325 1,1,6 // // // 1,268,997 1,2 // // 1,1268,997 1,2 // // 1,1268,997 1,2 // // 1,1268,997 1,2 // // 1,1268,997 1,2 // ///// 1,1268,997 1,2 // ///// 1,1268,997 1,2 // ////// 2,618,289 1,2 // ////// 2,038,256 1,0 // ////// 2,038,256 1,0 // ////// 2,038,256 1,0 ////////////////////////////////////</pre> | \$5,211,986 489,408 | | | SUSP | | OXYGEN |
| VISTA 5,5 ADO 1,420,603 55,5 ADO 1,420,603 4 4 A 13,476 1,47 A 4,604,325 1,8 N 4,604,325 1,8 N 2,568,876 1,1 A 2,568,876 1,1 A 1,291,457 6 6 1,1 A 2,568,876 1,1 BEACH 1,268,997 7 7 BEALPINE 1,268,997 7 7 SROVE 2,618,289 1,2 AL CITY 2,618,589 | \$5,211,986 489,408 | CUD (a) | 55 & COD | FLOW | SOLIDS | DEMAND |
| ADO ADO A 1,420,603 1,420,603 1,420,603 1,40,376 1,40,376 1,3,476 1,3,476 1,3,476 1,3,476 1,2,201,457 1,201,457 1,201,457 1,201,457 1,201,457 1,1,201,457 1,1,201,457 1,1,201,457 1,1,201,450 1,0 2,038,256 1,0 2,038,25 1,0 2,038,25 1,0 2,038,256 1,0 2,038,256 1,0 2,038,25 1,0 2,038,256 1,0 2,038,25 1,0 2,038,256 1,0 2,038,256 1,0 2,038,256 1,0 2,038,25 1,0 2,038,15 1,0 2,058,15 1,0 2,058,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 1,00,15 | 489,408 | \$4,845,730 | \$19,587,912 | 10.11% | 10.24% | 10.44% |
| R AY MESA 140,376 13,476 13,476 13,476 13,476 13,476 13,476 14,57 1,52,568,876 14,1 L BEACH 2,568,876 14,1 A 2,568,876 14,1 BEALPINE 1,858,575 1,1,268,997 1,269 1,068,007 1,268,997 1,268,987 1,268,987 1,268,987 1,268,987 1,268,987 1,268 1 | | 539,218 | 2,449,229 | 1.51% | 0.96% | 1.16% |
| AY MESA 13,476 1,87 IN 4,604,325 1,87 IL BEACH 1,291,457 64 IL BEACH 1,291,457 64 I 2,568,876 1,10 I 1,858,575 79 ICITY 2,568,997 51 SROVE 1,268,997 51 AL CITY 2,618,289 1,28 AL CITY 2,518,289 1,28 DAM 1,572,209 1,00 DAM 1,572,209 1,00 VALLEY 3,969,827 1,94 | 85,038 | 64,888 | 290,302 | 0.15% | 0.17% | 0.14% |
| N L BEACH 4,604,325 L BEACH 1,291,457 2,568,876 2,568,876 1,858,575 3,86,997 1,268,997 1,268,997 2,618,289 2,618,289 2,618,289 2,618,289 2,618,289 2,618,289 2,618,289 2,618,289 3AM 1,572,209 3AM 1,572,209 | 5,829 | 4,903 | 24,208 | 0.01% | 0.01% | 0.01% |
| L BEACH 1,291,457 1,291,457 1,291,457 1,291,457 1,2568,876 1,1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,1,268,997 1,1,268,997 1,1,268,997 1,1,268,997 1,1,268,9287 1,1,268,927 1,1,268,927 1,1,268,927 1,1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,268,928 1,2686,928 1,26868,928 1,26868,928 1,2 | 1,875,096 | 1,829,433 | 8,308,854 | 4.89% | 3.69% | 3.94% |
| A 2,568,876 1, DE/ALPINE 1,858,575 1, SROVE 1,268,997 1, SROVE 1,268,997 1, AL CITY 2,618,289 1, AL CITY 2,638,256 1, VALLEY 3,969,827 1, | 645,308 | 525,356 | 2,462,121 | 1.37% | 1.27% | 1.13% |
| JE/ALPINE 1,858,575 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,268,997 1,722,09 1,7222,09 1,722,00 1,722,00 1,722,000,000 1,722,000 1,722,000 1,722,000 1,722,000,000000000, | 1,105,411 | 957,668 | 4,631,955 | 2.73% | 2.17% | 2.06% |
| GROVE 1,268,997 AL CITY 2,618,289 224,040 DAM 1,572,209 2,038,256 VALLEY 3,969,827 | 795,695 | 686,656 | 3,340,926 | 1.97% | 1.56% | 1.48% |
| AL CITY 2,618,289 224,040 DAM 1,572,209 2,038,256 VALLEY 3,969,827 | 512,271 | 529,239 | 2,310,507 | 1.35% | 1.01% | 1.14% |
| 224,040 DAM 1,572,209 2,038,256 VALLEY 3,969,827 | 1,283,851 | 1,263,407 | 5,165,547 | 2.78% | 2.52% | 2.72% |
| DAM 1,572,209 2,038,256 VALLEY 3,969,827 | 605,054 | 191,182 | 1,020,276 | 0.24% | 1.19% | 0.41% |
| 2,038,256 3,969,827 3,969,827 | 1,029,763 | 790,968 | 3,392,940 | 1.67% | 2.02% | 1.70% |
| 3,969,827 | 1,008,132 | 779,947 | 3,826,335 | 2.16% | 1.98% | 1.68% |
| | 1,945,595 | 1,598,185 | 7,513,607 | 4.21% | 3.82% | 3.44% |
| WINTERGARDENS 539,043 204,496 | 204,496 | 172,242 | 915,781 | 0.57% | 0.40% | 0.37% |
| SUBTOTAL PARTICIPATING AGENCIES \$33,658,545 \$16,802,933 | \$16,802,933 | \$14,779,022 | \$65,240,500 | 35.71% | 33.03% | 31.85% |
| \$60,586,179 \$34,070,678 | 34,070,678 | \$31,626,638 | \$126,283,495 | 64.29% | 66.97% | 68.15% |
| TOTAL \$94,244,724 \$50,873,611 | 550,873,611 | \$46,405,660 | \$191,523,995 | 100.00% | 100.00% | 100.00% |

(a) Allocations based on estimated annual flows and strength loadings - See Table C

Updated: 1-14-14 (For January projections) P. Merino

| | L | | |
|--|---|--|--|
| | | | |

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT SYSTEM WASTEWATER CHARACTERISTICS - FISCAL YEAR 2015 SYSTEM STRENGTH LOADINGS INCLUDED

| | WASTEWATE | WASTEWATER CHARACTERIST | RISTICS | UNA | UNADJUSTED ANNUAL USE | USE | ADJU | ADJUSTED ANNUAL USE | |
|---|---------------------------------|-------------------------|-------------------|-----------------------|-----------------------|---------|-----------------------|---------------------|------------------|
| AGENCY | AVERAGE FLOW - mod (a) | SS ma/l (h) | COD mol/(h) | 2015 FLOWS million | SS thousand | COD | 2015 FLOWS million | SS thousand | COD thousand |
| CHULA VISTA | 16.973 | 217 | 645 | 6,195.018 | 11,207 | 33,331 | gallons 6,828.249 | pounds 16,603 | pounds 32,549 |
| CORONADO | 2.530 | 137 | 481 | 923.450 | 1,052 | 3,709 | 1,017.842 | 1,559 | 3,622 |
| DEL MAR | 0.250 | 240 | 586 | 91.250 | 183 | 446 | 100.577 | 271 | 436 |
| EAST OTAY MESA | 0.024 | 171 | 461 | 8.760 | 13 | 34 | 9.655 | 19 | 33 |
| EL CAJON | 8.200 | 161 | 504 | 2,993.000 | 4,032 | 12,584 | 3,298.933 | 5,973 | 12,288 |
| IMPERIAL BEACH | 2.300 | 198 | 516 | 839.500 | 1,388 | 3,614 | 925.311 | 2,056 | 3,529 |
| LA MESA | 4.575 | 171 | 473 | 1,669.875 | 2,377 | 6,587 | 1,840.563 | 3,521 | 6,433 |
| LAKESIDE/ALPINE | 3.310 | 170 | 468 | 1,208.150 | 1,711 | 4,723 | 1,331.643 | 2,535 | 4,612 |
| LEMON GROVE | 2.260 | 160 | 529 | 824.900 | 1,102 | 3,640 | 909.218 | 1,632 | 3,555 |
| NATIONAL CITY | 4.663 | 194 | 612 | 1,701.995 | 2,761 | 8,690 | 1,875.967 | 4,090 | 8,486 |
| OTAY | 0.399 | 1,071 | 1,082 | 145.635 | 1,301 | 1,315 | 160.521 | 1,927 | 1,284 |
| PADRE DAM | 2.800 | 260 | 638 | 1,022.000 | 2,214 | 5,441 | 1,126.465 | 3,280 | 5,313 |
| POWAY | 3.630 | 196 | 485 | 1,324.950 | 2,168 | 5,365 | 1,460.381 | 3,211 | 5,239 |
| SPRING VALLEY | 7.070 | 194 | 511 | 2,580.550 | 4,184 | 10,993 | 2,844.324 | 6,198 | 10,735 |
| WINTERGARDENS | 0.960 | 150 | 405 | 350.400 | 440 | 1,185 | 386.217 | 651 | 1,157 |
| SUBTOTAL PARTICIPATING AGENCIES | 59.944 | 198 | 557 | 21,879.433 | 36,132 | 101,656 | 24,115.866 | 53,526 | 99,272 |
| SAN DIEGO | 107.900 | 223 | 662 | 39,383.500 | 73,263 | 217,540 | 43,409.134 | 108,534 | 212,438 |
| REGIONAL SLUDGÉ RETURNS | 17.156 | 1,008 | (143) | 6,262.067 | 52,665 | (7,486) | | | |
| TOTAL | 185.000 | 288 | 553 | 67,525.000 | 162,060 | 311,710 | 67,525.000 | 162,060 | 311,710 |
| (a) Estimated flows based on sewage Flow projections provided by Participating Agencies December 2013 and January 2014. | tions provided by Participating | j Agencies Dece | mber 2013 and Jan | uary 2014. | | | | | |

(b) SS and COD characteristics based on standard deviation cumulative samples taken by MWWD's Environmental Monitoring and Technical Services Division up to 06-30-11.

Mass Balance provided by the PUD Engineering & Program Management division dated April 11, 2013

CITY OF SAN DIEGO - METROPOLITAN WASTEWATER DEPARTMENT ALLOCATION OF FISCAL YEAR 2015 ESTIMATED BUDGET FUNCTIONAL-DESIGN BASED ALLOCATION METHOD

TABLE D

| DESCRIPTION | Original | FY 2015 | | | | ALLOCATION OF COSTS | DSTS | | |
|---|---------------|-----------------|--------|---------------|---------|---------------------|----------------|------------------------|---------------|
| | pudget | BUDGET COSTS | FLOW | FLOW COSTS | % SS | SS | coD | COD | TOTAL |
| | | | | 2000 | % | 61600 | % | COSTS | COSTS |
| <u>OPERATION AND MAINTENANCE :</u> | | | | | | | | | |
| TRANSMISSION AND SYSTEM MAINTENANCE | \$9,239,345 | \$9,239,345 | 100.0% | \$9,239,345 | %0.0 | 80 | 70 U | ç | |
| OPERATIONS & MAINTENANCE | 55,390,622 | 54,000,000 | 37.8% | 20,387,574 | 33.0% | 17.823.716 | %0.0 | 45 788 710 | \$9,239,345 |
| TECHNICAL SERVICES | 14,124,626 | 10,500,000 | 30.0% | 3,150,000 | 40.0% | 4.200.000 | %U UE | 3 150 000 | 000,000 |
| COGENERATION | 1,784,649 | (715,351) | %0.0 | 0 | 60.0% | (429,211) | 700.04 | 0,100,000 | 000'0005'01 |
| METRO ADMIN & GENERAL EXPENSES - 41508 | 27,964,562 | 23,500,000 | 42.7% | 10,034,230 | 31.0% | 7.295.560 | %0.04 %6.90 | (200,140) 6 170 200 | (/15,351) |
| METRO ADMIN & GENERAL EXPENSES - 41509 | 105,372,334 | 12,000,000 | 42.7% | 5,123,862 | 31.0% | 3,725,392 | 26.3% | 3,150,745 | 12,000,000 |
| TOTAL OPERATIONS AND MAINTENANCE | \$213,876,138 | \$108,523,994 | 44.17% | \$47,935,012 | 30.05% | \$32,615,458 | 25.78% | \$27,973,525 | \$108,523,994 |
| CAPITAL IMPROVEMENT PROGRAM : | | | | | | | | | |
| PAY-AS-YOU-GO METRO 41508 | 5,676,441 | 2,000,000 | 55.8% | 1,115,897 | 22.0% | 439.956 | 706 66 | 110 | |
| PAY-AS-YOU-GO METRO 41509 | 28,332,486 | 13,000,000 | 55.8% | 7,253,328 | 22.0% | 2.859.711 | 22.2% | 2 886 Q61 | 2,000,001 |
| DEBT SERVICE | 69,038,458 | 68,000,000 | 55.8% | 37,940,485 | 22.0% | 14,958,487 | 22.2% | 15,101,028 | 68,000,000 |
| TOTAL CAPITAL IMPROVEMENT PROGRAM | \$103,047,385 | \$83,000,000 | 55.8% | \$46,309,710 | 22.0% | \$18,258,154 | 22.2% | \$18,432,137 | \$83,000,001 |
| | | | | | | | | | |
| TOTAL 0&M & CAPITAL IMPROVEMENT PROGRAM \$316,923,523 | \$316,923,523 | \$191,523,994 | 49.2% | \$94,244,722 | 26.6% | \$50,873,612 | 24.2% | \$46,405,662 | \$191,523,995 |
| | | | | | | | | | |

ATTACHMENT D

San Diego Integrated Regional Water Management Joint Public Workshop & Regional Advisory Committee Meeting #45 and #46 October 6 and December 4, 2013

Background

The Regional Water Management Group for IRWM Program was established in 2005. This group is made up of the City of San Diego, the County of San Diego, and the Water Authority.

A year later, they established the Regional Advisory Committee (RAC) to assist the Regional Management Group with the original IRWM Plan and to assist on prioritization of Prop 50 funding application. The RAC is made up of 4 groups; Water Supply, Water Quality, Natural Resources and Watersheds, with the recent reorganization, they added the Metro JPA representative to the Water Quality Group. The RAC meet quarterly but the groups meet individually more often.

San Diego Integrated Regional Water Management Meeting

At the Regional Advisory Committee meeting of October 2, 2013, the final revision to the IRWM Plan Update was presented. Proposed modifications included modifications requested by Metro JPA member agencies.

The final Plan was be adopted by the San Diego County Water Authority on September 26, 2013, The City of San Diego on October 8, 2013 and County of San Diego Board of Supervisors on October 9, 2013. Final October 31, 2013. The final Plan is available at: <u>http://sdirwmp.org/2013-irwm-plan-update#codeword</u>

At the Regional Advisory Committee meeting of December 4, 2013, a storm water panel:

- Dave Gibson, the Executive Officer for the San Diego Regional Water Quality Control Board
- Drew Kleis, Program Manager for the City of San Diego
- Christine Sloan, Program Manager for the County of San Diego Watershed Protection Program
- Trish Boaz, Executive Director of the San Diego River Valley Conservancy

Presented information on the May 2013 San Diego Water Quality Control Board adoption of the first region-wide permit to regulate storm water from South Orange and Riverside Counties to Imperial Beach.

Information on the California Water Plan Update was also presented including the focus on integrated regional water management.

Next meeting scheduled for April 2, 2014.



THE CITY OF SAN DIEGO

September 18, 2013



2013000098

Chief Engineer Otay Water District 2554 Sweetwater Springs Boulevard Spring Valley, CA 91978

Dear Mr. Posada:

Rod Posada

SUBJECT: South Bay Water Reclamation Plant - Demineralization Issues

We have reviewed your letter dated August 19, 2013 and acknowledge your concern regarding the relocation of two demineralization (EDR) units from the North City Water Reclamation Plant (NCWRP) to the South Bay Water Reclamation Plant (SBWRP). You mentioned in your letter that the City of San Diego (the City) has been meeting the contractual requirements for producing reclaimed water with less than 1,000 mg/l of Total Dissolved Solids (TDS), and therefore moving two EDR units to SBWRP is not necessary. In recent years, however, the SBWRP has experienced an increase in chloride concentrations in the influent as well as in the produced reclaimed water (See Exhibit 1). Due to these increases, the chloride level in the produced reclaimed water exceeded the 260 mg/l 30-day average limit mandated by the Waste Discharge and Water Recycling Requirements (Order No. 2000-203), and resulted in several Notice of Violations (NOV) issued by the Regional Water Quality Control Board (See Exhibit 2). To resolve the high chloride issue, the City has evaluated several alternatives. Relocating two EDR units from NCWRP to SBWRP was selected because it is the most effective way to remove the chloride from the effluent. An additional side benefit of the EDR units in the reduction in the TDS concentration. These EDR units from the NCWRP are no longer needed at that site, as the North City effluent is being blended with the high quality effluent from the Water Purification Plant that is continuing operation.

As for diverting wastewater from the Salt Creek Interceptor to SBWRP, a major flow diversion to SBWRP requires up-to-date measurements of TDS and chloride in order to ensure the SBWRP has the capability to receive additional wastewater and comply with the requirements for TDS and chloride concentrations. In 2008, a joint effort between the City and the City of Chula Vista was undertaken to measure the TDS and chloride concentrations of the wastewater from Salt Creek. The 24-hour composition method indicated that TDS ranged from 804 mg/l to 872 mg/l and chloride ranged from 153 mg/l to 326 mg/l. Although the TDS and chloride concentrations were acceptable at the time, the recent increase of TDS and chloride observed at



Public Utilities Department 9192 Topaz Way • San Diego, CA 92123 Tel (858) 292-6300 Fax (858) 292-6310 Rod Posada September 18, 2013 Page 2 of 2

the SBWRP seems to imply that the regional TDS and chloride concentrations may have increased. New sampling data will be required to reconfirm the present TDS and chloride concentrations in the Salt Creek Interceptor. The City is currently conducting a Business Case Evaluation to select the best course of action. We will share the results with Metro TAC when the information is available. Please feel free to contact Guann Hwang at 858-292-6476, if you have any further questions.

Sincerely,

A. Sh

Ann Sasaki Interim Director of Public Utilities

1.

2.

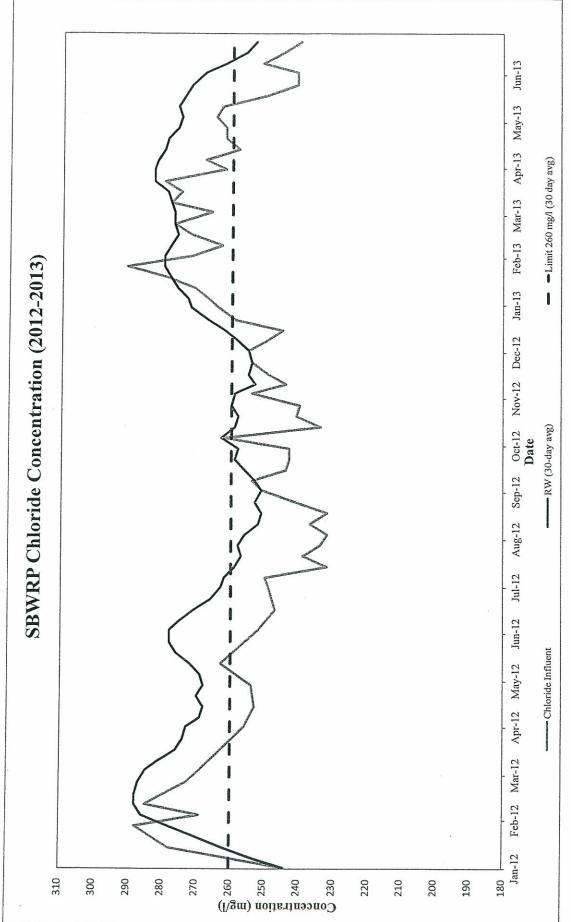
GH:vth

| Enclosures: |
|-------------|
|-------------|

SBWRP Chloride Concentration Historical Data RWQCB Notice of Violations

cc:

Walt Ekard, Interim Chief Operating Officer, City of San Diego Scott Chadwick, Assistant Chief Operating Officer, City of San Diego Guann Hwang, Deputy Director, Public Utilities Department Greg Humora, Chairman, Metro TAC Karyn Keese, Project Manager, Atkins Global EXHIBIT 1





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San Diego Region

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Linda S. Adams Acting Secretary for Environmental Protection

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Edmund G. Brown, Jr Governor

EXHIBIT 2

February 14, 2011

In reply refer to: 257831:rsunjed

Mr. Steve Meyer, Deputy Director Metropolitan Wastewater Division City of San Diego 2392 Kincaid Road San Diego, CA 92101-2309

Received

FEB 1 5 2011 Technical Services Division

Dear Mr. Meyer:

SUBJECT: REVIEW OF MONITORING REPORTS FOR SOUTH BAY WATER RECLAMATION PLANT (WRP)

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) has reviewed the December 2010 monthly monitoring report submitted by the City of San Diego (City) in accordance with Monitoring and Reporting Program No. 2000-203.

The following violation of Order No. 94-107 was identified in the submitted report:

- 1. The 30-day average effluent limitation for chloride of Discharge Specification A.1, established at 260 milligrams per liter (mg/L), was exceeded on December 31, 2010 with a reported value of 286 mg/L.
- The 7-day median effluent limitation for coliform of Discharge Specification A.1, established at most probable number (MPN) of 2.2 per 100 milliliters, was exceeded on December 17, 18, 19, 20, 21, 22, 23, 24, 2010 with reported values of 6.8 MPN/100mL, 4.5 MPN/100mL, 6.8 MPN/100mL, 6.8 MPN/100mL, 13 MPN/100mL, 7.8 MPN/100mL, 4.5 MPN/100mL, and 4.5 MPN/100mL, respectively.

Please be aware these violations subject the City to possible further enforcement action by the San Diego Water Board, including administrative enforcement orders requiring the City to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative assessment of civil liability in amounts of up to \$5,000 per day per violation;¹ referral to the State Attorney General for injunctive relief; and referral to the District Attorney for criminal prosecution.

California Environmental Protection Agency

¹ Under authority of California Water Code section 13350.

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Mr. Meyer South Bay WRP

The next monitoring report required to be submitted is the January 2011 monthly monitoring report, which is due by February 28, 2011. For questions pertaining to the subject matter, please contact Ray Sunjed at (858) 627-3977 or via email at rsunjed@waterboards.ca.gov.

PLEASE INCLUDE "257831:RSUNJED" IN THE SUBJECT LINE OF FUTURE CORRESPONDANCE.

Sincerely,

Ben Tobler Water Resource Control Engineer Cleanup and Land Discharge Branch

Regulatory Measure #: 377482

Violation ID #: 890394, 890395, 890397, 890398, 890399, 890400, 890401, and 890402

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California Environmental Protection Agency

Cantor ma Regional water Quanty Control Board

San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA



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http:// www.waterboards.ca.gov/sandiego

March 13, 2012

Matthew Redriguez

Protection

cretary for Environmental

In reply refer to: 257831:ccannova

Mr. Steve Meyer, Deputy Director Metropolitan Wastewater Division City of San Diego 2392 Kincaid Road San Diego, CA 92101-2309

Dear Mr. Meyer:

81 · x 7*

SUBJECT: REVIEW OF MONITORING REPORTS FOR SOUTH BAY WATER RECLAMATION PLANT

The California Regional Water Quality Control Board, San Diego Region has reviewed the January 2011-January 2012 monthly, January-March 2011, April-June 2011, July-September 2011, and October-December 2011 quarterly, and also the January-December 2011 annual monitoring reports submitted by the City of San Diego in accordance with Monitoring and Reporting Program No. 2000-203.

The following violations of the Order No. 2000-203 were identified in the submitted monitoring reports:

- The 30-day average effluent limitation for chloride during any consecutive period, established at 260 milligrams per liter (mg/L), was exceeded on January 23, 2011, March 13, 2011, January 17, 2012, January 24, 2012, and January 31, 2012 with reported values of 280, 262, 262, 270, and 278 mg/L, respectively.
- 2. The 7-day median effluent limitation for coliform, established at 2.2 MPN/100 mL, was exceeded on January 23, 2011, March 13, 2011, and August 6, 2011, with reported values of 7.8, 19.0, and 4.5 MPN/100 mL, respectively.
- The maximum daily effluent limitation for coliform, established at 240 MPN/100 mL, was exceeded on March 7, 2011 with a reported value of 920 MPN/100 mL.
- 4. The coliform limitation of not having more than one value over 23 MPN/100 mL within a 30-day consecutive period was exceeded on March 12, 2011 and March 13, 2011 with reported values of 26 and 33 MPN/100 mL, respectively.

California Environmental Protection Agency

Mr. Meyer

-2-

Please be aware these violations subject the City to possible further enforcement action by the San Diego Water Board, including administrative enforcement orders requiring the City to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative assessment of civil liability in amounts of up to \$5,000 per day per violation;¹ and referral to the State Attorney General for injunctive relief.

The next monitoring report to be submitted is the February 2012 monthly monitoring Athenes, Astronomical ash report due by March 30, 2012.

In the subject line of any response, please include the requested "In refer to" information located in the heading of this letter. Please contact Ms. Catherine Cannova at (858) 627-3977 or at ccannova@waterboards.ca.gov if you have any questions on this matter.

Sincerely,

Brian D. Kelley Brian D. Kelley, P.E. Senior Water Resource Control Engineer Cleanup and Land Discharge Branch A CONTRACTOR AND A

Land Alexander and the state of the second Regulatory Measure ID: 383722 Violation ID: 920700, 920701, 920702, 920703, 920704, 920705, 920706, 920707, 920708, 920709, 920710

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¹ Under authority of California Water Code section 13350. California Environmental Protection Agency





California Regional Water Quality Control Board, San Diego Region

July 30, 2012

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Mr. Steve Meyer, Deputy Director Metropolitan Wastewater Division City of San Diego 2392 Kincaid Road San Diego, CA 92101-2309 In reply refer to: 257831:oosibodu

SUBJECT: Review of Monitoring Reports for South Bay Water Reclamation Plant

Mr. Meyer:

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) has reviewed the February-May 2012 monthly monitoring reports submitted by the City of San Diego in accordance with the Monitoring and Reporting Program No. 2000-203.

The following violations of the Order No. 2000-203 were identified in the submitted monitoring reports:

1. The 30-day average effluent limitation for chloride during any consecutive period, established at 260 milligrams per liter (mg/L), was exceeded on the following occasions:

| Date | Reported Value (in mg/L) |
|-------------------|--------------------------|
| February 7, 2012 | 286 |
| February 14, 2012 | 288 |
| February 20, 2012 | 288 |
| February 28, 2012 | 287 |
| March 7, 2012 | 285 |
| March 13, 2012 | 281 |
| March 20, 2012 | 276 |
| March 27, 2012 | 274 |
| April 4, 2012 | 273 |
| April 10, 2012 | 269 |
| April 17, 2012 | 268 |
| April 24, 2012 | 270 |
| May 1, 2012 | 268 |
| May 8, 2012 | 269 |
| May 15, 2012 | 272 |
| May 22, 2012 | 276 |
| May 29, 2012 | 278 |

2. The 30-day average effluent limitation for manganese, established at 50 milligrams per liter (mg/L), was exceeded on February 7, 2012 with a reported value of 57.1 mg/L.

-2-

Please be aware these violations subject the City to possible further enforcement action by the San Diego Water Board, including administrative enforcement orders requiring the City to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative assessment of civil liability in amounts of up to \$5,000 per day per violation;¹ and referral to the State Attorney General for injunctive relief.

The next monitoring report required to be submitted is the June 2012 monthly monitoring report due by July 31, 2012.

In the subject line of any response, please include the requested "In refer to" information located in the heading of this letter. Please contact Mr. Fisayo Osibodu at (858) 637-5594 or at oosibodu@waterboards.ca.gov if you have any questions on this matter.

Salara (Asha - Asha Marido)

in other and the states are

Respectfully,

John R. Odermatt Senior Engineering Geologist Cleanup and Land Discharge Branch

Regulatory Measure ID: 386625 Violation ID: 931460, 931461, 931462, 931463, 931464, 931465, 931466, 931467, 931468, 931469, 931470, 931471, 931472, 931473, 931474, 931475, 931476, 931483

¹ Under authority of California Water Code section 13350.

GRANT DESTACHE, CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

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California Regional Water Quality Control Board, San Diego Region

March 6, 2013

Mr. Steve Meyer Deputy Public Utility Director City of San Diego 2392 Kincaid Road San Diego, CA 92101

In reply refer to: 389491:tkirkendall

Subject: Review of Monitoring Reports for South Bay Water Reclamation Plant

Mr. Meyer:

The California Regional Water Quality Control Board San Diego Region (San Diego Water Board) has reviewed the June 2012-January 2013 monthly monitoring reports; the April-June 2012, July- September 2012, and October-December 2012 quarterly monitoring reports and the January-December 2012 annual monitoring report. These reports were submitted by the City of San Diego (City) in accordance with the Monitoring and Reporting Program of Order No. 2000-203.

The following violations of Section A.1 (Discharge Specifications) of Order No. 2000-203 were identified in the submitted monitoring reports:

1. The 30-day average effluent limitation for chloride, established at 260 milligrams per liter (mg/L), was exceeded on the following occasions:

| Date | Reported Value (mg/L) |
|-------------|-----------------------|
| June 6 | 278 |
| June 12 | 275 |
| June 19 | 271 |
| June 26 | 266 |
| July 4 | 263 |
| July 10 | 262 |
| October 9 | 263 |
| December 18 | 262 |
| December 25 | 267 |
| January 2 | 272 |
| January 8 | 273 |
| January 15 | 276 |
| January 22 | 278 |
| January 29 | 280 |

TOMAS MORALES, CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

9174 Sky Park Court, Suite 100, San Diego, CA 92123-4353 | (858) 467-2952 | www.waterboards.ca.gov/sandiego

March 5, 2013

a start a transfer training or which

effluent results collected for the last 7 days). enisition concentration shall not exceed 2.2 MPN per 100 mL (when utilizing 2012, respectively. Section A.1 of Order No. 2000-203 specifies that the effluent Probable Number per 100 milliter (MPN per 100 mL) on September 24, 25, and 26, 2. The effluent median colliform concentration was reported as 4.0, 4.0, and 4.0 Most

injunctive relief; and referral to the District Attorney for criminal prosecution. amounts of up to \$5,000 per day per violation;¹ referral to the State Attorney General for or threatened conditions of pollution or nuisance; administrative assessment of civil liability in requiring the City to cease and desist from violations, or to clean up waste and abate existing enforcement action by the San Diego Water Board including administrative enforcement orders above does not occur in the future. These violations subject the City to possible further Please take steps to implement follow-up actions necessary to ensure that the violation noted

report, due by March 30, 2013. The next monitoring report required to be submitted is the February 2013 monthly monitoring

a server all a server and the result of the server and the server and the server and the server and the server any questions or comments. contact Mr. Tyler Kirkendall at 858-627-3935, or at tkirkendall@waterboards.ca.gov if you have In the subject line of any response, please include reference 389491 :tkirkendall. Please

Respectfully,

Land Discharge Unit Senior Engineering Geologist and sheat out share a presidence of the way of the second states John R. Odermatt, P.G and the second production of the state of the second second second second second second second second second s

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| | | 164688 | Reg. Measure ID |

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¹ Under authority of California Water Code section 13350.

TOMAS MORALES, CHAIR DAVID GIBSON, EXECUTIVE OFFICER

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California Regional Water Quality Control Board, San Diego Region

May 23, 2013

In reply refer to: 257831:tkirkendall

Mr. Steve Meyer Deputy Public Utility Director City of San Diego 2392 Kincaid Road San Diego, CA 92101

Subject: Review of Monitoring Reports for South Bay Water Reclamation Plant

Mr. Meyer:

The California Regional Water Quality Control Board San Diego Region (San Diego Water Board) has reviewed the February and March 2013 monthly monitoring reports and the January-March 2013 quarterly monitoring report. These reports were submitted by the City of San Diego (City) in accordance with the Monitoring and Reporting Program of Order No. 2000-203.

Section A.1 (Discharge Specifications) of Order No. 2000-203 specifies that the 30-day average effluent chloride concentration shall not exceed 260 milligrams per liter (mg/L). The 30-day average effluent limitation for chloride was exceeded on the days listed in the table below.

| Date | Reported Value (mg/L) |
|-------------|-----------------------|
| February 5 | 280 |
| February 12 | 278 |
| February 19 | 276 |
| February 26 | 277 |
| March 6 | 277 |
| March 12 | 278 |
| March 19 | 279 |
| March 26 | 283 |

Please take steps to implement follow-up actions necessary to ensure that the violations noted above do not occur in the future. These violations subject the City to possible further enforcement action by the San Diego Water Board including administrative enforcement orders requiring the City to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative assessment of civil liability in

TOMAS MORALES, CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

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amounts of up to \$5,000 per day per violation;¹ referral to the State Attorney General for injunctive relief; and referral to the District Attorney for criminal prosecution.

- 2 -

The next monitoring report required to be submitted is the April 2013 monthly monitoring report, due by May 30, 2013.

In the subject line of any response, please include reference **257831:tkirkendall**. Please contact Mr. Tyler Kirkendall at 858-627-3935, or at <u>tkirkendall@waterboards.ca.gov</u> if you have any questions or comments.

Respectfully,

.oli

John R. Odermatt, P.G Senior Engineering Geologist Land Discharge Unit

JRO: oo: #k

| Tech Staf | f Info & Use | |
|---|--|--|
| Place ID Reg. Measure ID Violation ID | 257831 390311 948315 948316 948317 | |

¹ Under authority of California Water Code section 13350.

TOMAS MORALES, CHAIR DAVID GIBSON, EXECUTIVE OFFICER

9174 Sky Park Court, Suite 100, San Diego, CA 92123-4353 | (858) 467-2952 | www.waterboards.ca.gov/sandlego

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Reception Honoring Water Reuse Leaders & Advocates

Thursday, March 20th from 4:30 p.m. – 7:00 p.m.

Yard House - Private Event Room, 1023 4th Ave, Downtown San Diego

Confirmed guests include: Congressman Scott Peters, San Diego Interim Mayor Todd Gloria, San Diego Chief Operating Officer Scott Chadwick, San Diego Public Utilities Director Halla Razak and San Diego Water Purification Program Manager Ann Sasaki.

Sponsorship Opportunities

Title Sponsor \$10,000

- Ten (10) tickets to VIP reception
- Ten (10) tickets to main reception
- Opportunity to introduce keynote speaker and provide opening remarks
- Logo recognition as title sponsor on invitation

WRC Supporting Membership Benefits Included:

- Logo recognition on home page of website
- Title Sponsorship and ten (10) tickets to annual forum

Presenting Sponsor \$5,000

- Ten (10) tickets to reception
- Logo recognition as presenting sponsor on invitation *WRC Supporting Membership Benefits Included:*
- Logo recognition on home page of website
- Presenting Sponsorship and five (5) tickets to annual forum

Supporting Sponsor \$2,500

- Five (5) tickets to reception
- Logo recognition as supporting sponsor on invitation

WRC Supporting Membership Benefits Included:

- Logo recognition on member page of the website
- Five (5) tickets to annual forum

Community Sponsor \$1,000

- Two (2) tickets to reception
- Logo recognition as community sponsor on invitation

Reservation Form

Yes! I welcome the opportunity to support the Water Reliability Coalition Reception at the level indicated below:

Sponsorship and Ticket Information:

- □ Title Sponsor \$10,000
- □ Presenting Sponsor \$5,000
- □ Supporting Sponsor \$2,500
- □ Community Sponsor \$1,000

| Contact Name: | | |
|---------------|-------------|--|
| Organization: | | |
| Phone: | Fax number: | |
| Email: | | |

Please note that sponsorship is <u>non-refundable</u>.

□ Check enclosed.

| \Box Please charge my credit card. I authorize SDCTA, the Water Reliability (| Coalition's fiscal agent, |
|---|---------------------------|
| to charge the credit card below in the amount of \$ | |

| 🗆 Visa | □ MasterCard | □ Discover | |
|-------------------------|----------------|------------------------|--|
| Credit Card Number: | | | |
| Expiration Date: | Billing 2 | Zip Code: | |
| Name as it appears on C | redit Card | Cardholder's Signature | |

Please return this form to the Water Reliability Coalition c/o SDCTA by **email** to <u>sdwaterreliability@gmail.com</u> or **mail** at 707 Broadway Suite 905 San Diego, CA 92101.

REIMBURSEMENT AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE CITY OF SAN DIEGO AND METRO WASTEWATER JOINT POWERS AUTHORITY

THIS <u>REIMBURSEMENT</u> AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES ("Agreement") is made and entered into this <u>11th</u> day of <u>April</u>, <u>20092014</u>, by and between the Metro Wastewater Joint Powers Authority, existing and organized pursuant to the provisions of Government Code section 6500 *et seq.* ("Metro JPA") and the City of San Diego, a municipal corporation ("City"). Metro JPA and the City are sometimes individually referred to herein as the "Party" and collectively as the "Parties."

RECITALS

A. The City of Coronado, the City of Del Mar, the City of El Cajon, the City of Imperial Beach, the City of La Mesa, the City of National City, the City of Chula Vista, the Lemon Grove Sanitation District, the City of Poway, Padre Dam Municipal Water District, Otay Water District and the County of San Diego (on behalf of: the Winter Gardens Sewer Maintenance District, a maintenance district established pursuant to California Streets & Hwys. Code section 5820 et seq.; the Lakeside/Alpine Sanitation District, a political subdivision of the State of California; and the Spring Valley Sanitation District, a political subdivision of the State of California) (the "Participating Agencies") entered into a Joint Exercise of Powers Agreement ("Joint Powers Agreement"), as amended, creating the Metro JPA for the purpose of taking responsibility, taking actions, and making decisions pertaining to the Regional Wastewater Disposal Agreement dated June 25, 1998 ("Metro Agreement"); and

B. The Participating Agencies appoint representatives to the Metro Commission, which is an advisory body to the City of San Diego created pursuant to the Metro Agreement-; and

C. The activities of the Metro Commission require administrative staff to prepare agendas, distribute mail, prepare minutes and perform other administrative activities to assure the Metro Commission functions within the legal requirements of State law and in a constructive and positive manner ("Administrative Services"); and

D. The Metro JPA entered into an agreement dated ______, 2009 with Lori Anne Peoples ("Ms. Peoples"), which commences on April 11, 2014 and terminates on June 30, 2016, for the performance of these Administrative Services by Ms. Peoples for a term of two years ("Administrative Services Agreement"), a copy of which is attached as Exhibit "A"; and

E. The Administrative Services Agreement requires the Metro JPA to compensate Ms. Peoples at the rate of \$50.0052.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies; and

1

F. The City of San Diego desires to reimburse the Metro JPA for the cost of Administrative Services performed by Ms. Peoples for the Metro Commission pursuant to the Administrative Services Agreement.

IN CONSIDERATION of the mutual promises set forth in this Agreement, the Parties agree as follows:

AGREEMENT

1. <u>Reimbursement to Metro JPA</u>. The City agrees to reimburse Metro JPA at the rate of \$50.0052.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies for Administrative Services provided by Ms. Peoples for the Metro Commission. <u>The City agrees to reimburse Metro JPA up to \$360.00 per quarter or pro rata portion thereof</u>, with proper documentation for phone, internet access, and technology costs incurred by Ms. Peoples in the performance of the Administrative Services.

<u>1.1</u> <u>Maximum Reimbursement</u>. The City's total reimbursement obligation under the term of the Agreement shall not exceed sixty-five thousand dollars (\$65,000.00) for administrative services, which is inclusive of reimbursement for the phone, internet access, and technology costs identified in Section 1.0 above.

2. <u>Monthly Hours</u>. The Parties estimate that Ms. Peoples will spend approximately fourtwenty (420) hours per month providing Administrative Services to the Metro Commission for the term of the Administrative Services Agreement. <u>These estimated</u> monthly hours may be extended or otherwise modified upon mutual agreement of the Parties to obtain increased or amended Administrative Services as necessary, consistent with the Administrative Support Services Agreement between Metro JPA and Ms. Peoples. Any increase in estimated hours shall not exceed the maximum reimbursement identified in Section 1.1 of the Agreement without written consent of the parties.

3. <u>Invoicing</u>. The Metro JPA shall submit <u>monthlyquarterly</u> invoices to the City for reimbursement of the Administrative Services provided to the Metro Commission under the Administrative Services Agreement. The invoices shall contain documentation of the hours Ms. Peoples spent providing Administrative Services for Metro Commission. The City shall remit payment within thirty (30) calendar days of receipt of the invoice.

4. <u>Term and Termination</u>. This Agreement shall terminate upon the earlier of: (1) April 20June 30, 20112018; or (2) termination of the Administrative Services Agreement by the Metro JPA or Ms. Peoples. Upon termination of this Agreement, the City shall pay the Metro JPA for any outstanding Administrative Services performed by Ms. Peoples, and the obligation of the City to the Metro JPA shall thereupon cease and terminate and no further sums shall be payable or paid under this Agreement. The term of this Agreement may be extended in a writing signed by both Parties.

5. <u>Notice</u>. Unless notified in writing of a change of address, all notices, payments or correspondence relating to this Agreement may be given by personal delivery or by mail as

follows:

CITY:

METRO JPA:

City of San Diego MWWD C/O Martin Kane, Agency Contracts 9192 Topaz Way San Diego, CA 92123 Metro Wastewater Joint Powers Authority C/O Paula de Sousa, General Counsel 655 West Broadway 15th Floor San Diego CA 92101 Attn: Paula de Sousa and Mark Robak

6. <u>Laws, Venue, and Attorneys' Fees</u>. This Agreement shall be interpreted in accordance with the laws of the State of California; any action to enforce the terms of this Agreement shall be brought in a state or federal court situated in the County of San Diego, State of California. In the event of any such litigation between the Parties, the prevailing Party shall be entitled to recover from the losing Party all reasonable costs incurred, including reasonable <u>attorney's attorneys'</u> fees, as determined by the court.

7. <u>Amendment</u>; <u>Modification</u>; <u>Severability</u>. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties. The unenforceability, invalidity₂ or illegality of any provision(s) of this Agreement shall not render the other provisions unenforceable, invalid₂ or illegal.

8. <u>Integration</u>. This Agreement represents the entire understanding of the Parties as to those matters contained herein, and supersedes and cancels any prior oral or written understanding, promises₂ or representations with respect to those matters covered hereunder.

[Signatures on following page]

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SIGNATURE PAGE TO REIMBURSEMENT AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE CITY OF SAN DIEGO AND **METRO WASTEWATER JOINT POWERS AUTHORITY**

The Metro JPA and the City execute this Agreement as of the date above, indicating that they have read and understood the terms of this Agreement, and indicate their full and complete consent to its terms:

Dated: _____

City of San Diego

By: _____

Dated: _____

Metro Wastewater Joint Powers Authority

By: _____

Mark RobakCheryl Cox, Chairperson

Approved as to form:

Paula C. P. de Sousa General Counsel Metro Wastewater Joint Powers Authority Approved as to form:

Counsel City of San Diego

REIMBURSEMENT AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE CITY OF SAN DIEGO AND METRO WASTEWATER JOINT POWERS AUTHORITY

THIS REIMBURSEMENT AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES ("Agreement") is made and entered into this <u>11th</u> day of <u>April</u>, 2014, by and between the Metro Wastewater Joint Powers Authority, existing and organized pursuant to the provisions of Government Code section 6500 *et seq*. ("Metro JPA") and the City of San Diego, a municipal corporation ("City"). Metro JPA and the City are sometimes individually referred to herein as the "Party" and collectively as the "Parties."

RECITALS

A. The City of Coronado, the City of Del Mar, the City of El Cajon, the City of Imperial Beach, the City of La Mesa, the City of National City, the City of Chula Vista, the Lemon Grove Sanitation District, the City of Poway, Padre Dam Municipal Water District, Otay Water District and the County of San Diego (on behalf of: the Winter Gardens Sewer Maintenance District, a maintenance district established pursuant to California Streets & Hwys. Code section 5820 et seq.; the Lakeside/Alpine Sanitation District, a political subdivision of the State of California; and the Spring Valley Sanitation District, a political subdivision of the State of California) (the "Participating Agencies") entered into a Joint Exercise of Powers Agreement ("Joint Powers Agreement"), as amended, creating the Metro JPA for the purpose of taking responsibility, taking actions, and making decisions pertaining to the Regional Wastewater Disposal Agreement dated June 25, 1998 ("Metro Agreement"); and

B. The Participating Agencies appoint representatives to the Metro Commission, which is an advisory body to the City of San Diego created pursuant to the Metro Agreement; and

C. The activities of the Metro Commission require administrative staff to prepare agendas, distribute mail, prepare minutes and perform other administrative activities to assure the Metro Commission functions within the legal requirements of State law and in a constructive and positive manner ("Administrative Services"); and

D. The Metro JPA entered into an agreement with Lori Anne Peoples ("Ms. Peoples"), which commences on April 11, 2014 and terminates on June 30, 2016, for the performance of these Administrative Services by Ms. Peoples ("Administrative Services Agreement"), a copy of which is attached as Exhibit "A"; and

E. The Administrative Services Agreement requires the Metro JPA to compensate Ms. Peoples at the rate of \$52.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies; and

F. The City desires to reimburse the Metro JPA for the cost of Administrative Services performed by Ms. Peoples for the Metro Commission pursuant to the Administrative Services Agreement.

IN CONSIDERATION of the mutual promises set forth in this Agreement, the Parties agree as follows:

AGREEMENT

1. <u>Reimbursement to Metro JPA</u>. The City agrees to reimburse Metro JPA at the rate of \$52.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies for Administrative Services provided by Ms. Peoples for the Metro Commission. The City agrees to reimburse Metro JPA up to \$360.00 per quarter or pro rata portion thereof, with proper documentation for phone, internet access, and technology costs incurred by Ms. Peoples in the performance of the Administrative Services.

1.1 <u>Maximum Reimbursement</u>. The City's total reimbursement obligation under the term of the Agreement shall not exceed sixty-five thousand dollars (\$65,000.00) for administrative services, which is inclusive of reimbursement for the phone, internet access, and technology costs identified in Section 1.0 above.

2. <u>Monthly Hours</u>. The Parties estimate that Ms. Peoples will spend approximately twenty (20) hours per month providing Administrative Services to the Metro Commission for the term of the Administrative Services Agreement. These estimated monthly hours may be extended or otherwise modified upon mutual agreement of the Parties to obtain increased or amended Administrative Services as necessary, consistent with the Administrative Support Services Agreement between Metro JPA and Ms. Peoples. Any increase in estimated hours shall not exceed the maximum reimbursement identified in Section 1.1 of the Agreement without written consent of the parties.

3. <u>Invoicing</u>. The Metro JPA shall submit quarterly invoices to the City for reimbursement of the Administrative Services provided to the Metro Commission under the Administrative Services Agreement. The invoices shall contain documentation of the hours Ms. Peoples spent providing Administrative Services for Metro Commission. The City shall remit payment within thirty (30) calendar days of receipt of the invoice.

4. <u>Term and Termination</u>. This Agreement shall terminate upon the earlier of: (1) June 30, 2018; or (2) termination of the Administrative Services Agreement by the Metro JPA or Ms. Peoples. Upon termination of this Agreement, the City shall pay the Metro JPA for any outstanding Administrative Services performed by Ms. Peoples, and the obligation of the City to the Metro JPA shall thereupon cease and terminate and no further sums shall be payable or paid under this Agreement. The term of this Agreement may be extended in a writing signed by both Parties.

5. <u>Notice</u>. Unless notified in writing of a change of address, all notices, payments or correspondence relating to this Agreement may be given by personal delivery or by mail as follows:

CITY:

City of San Diego MWWD C/O Martin Kane, Agency Contracts 9192 Topaz Way San Diego, CA 92123

METRO JPA:

Metro Wastewater Joint Powers Authority C/O Paula de Sousa, General Counsel 655 West Broadway 15th Floor San Diego CA 92101 Attn: Paula de Sousa and Mark Robak

6. <u>Laws</u>, Venue, and Attorneys' Fees. This Agreement shall be interpreted in accordance with the laws of the State of California; any action to enforce the terms of this Agreement shall be brought in a state or federal court situated in the County of San Diego, State of California. In the event of any such litigation between the Parties, the prevailing Party shall be entitled to recover from the losing Party all reasonable costs incurred, including reasonable attorneys' fees, as determined by the court.

7. <u>Amendment</u>; <u>Modification</u>; <u>Severability</u>. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties. The unenforceability, invalidity, or illegality of any provision(s) of this Agreement shall not render the other provisions unenforceable, invalid, or illegal.

8. <u>Integration</u>. This Agreement represents the entire understanding of the Parties as to those matters contained herein, and supersedes and cancels any prior oral or written understanding, promises, or representations with respect to those matters covered hereunder.

[Signatures on following page]

SIGNATURE PAGE TO REIMBURSEMENT AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE CITY OF SAN DIEGO AND METRO WASTEWATER JOINT POWERS AUTHORITY

The Metro JPA and the City execute this Agreement as of the date above, indicating that they have read and understood the terms of this Agreement, and indicate their full and complete consent to its terms:

Dated: _____

City of San Diego

By: _____

Dated: _____

Metro Wastewater Joint Powers Authority

By: _____

Cheryl Cox, Chairperson

Approved as to form:

Paula C. P. de Sousa General Counsel Metro Wastewater Joint Powers Authority Approved as to form:

Counsel City of San Diego

Exhibit A

Administrative Services Agreement

AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE METRO WASTEWATER JOINT POWERS AUTHORITY AND LORI ANNE PEOPLES

THIS AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES ("Agreement") is made and entered into this <u>11th</u> day of <u>April</u>, 2014, ("Execution Date") by and between the Metro Wastewater Joint Powers Authority, existing and organized pursuant to the provisions of Government Code section 6500 *et seq*. ("Metro JPA") and Lori Anne Peoples ("Ms. Peoples"). Metro JPA and Ms. Peoples are sometimes individually referred to herein as the "Party" and collectively as the "Parties."

RECITALS

A. The City of Coronado, the City of Del Mar, the City of El Cajon, the City of Imperial Beach, the City of La Mesa, City of National City, the City of Chula Vista, the Lemon Grove Sanitation District, the City of Poway, Padre Dam Municipal Water District, Otay Water District and the County of San Diego (on behalf of: the Winter Gardens Sewer Maintenance District, a maintenance district established pursuant to California Streets & Hwys. Code section 5820 et seq.; the Lakeside/Alpine Sanitation District, a political subdivision of the State of California; and the Spring Valley Sanitation District, a political subdivision of the State of California) (the "Participating Agencies") entered into a Joint Exercise of Powers Agreement ("Joint Powers Agreement"), as amended, creating the Metro JPA for the purpose of taking responsibility, taking actions, and making decisions pertaining to the Regional Waste Water Disposal Agreement dated June 25, 1998 ("Metro Agreement"); and

B. The Participating Agencies appoint representatives to the Metro Commission, which is an advisory body to the City of San Diego created pursuant to the Metro Agreement; and

C. Public works directors and engineers from the Participating Agencies are members of the Metro Technical Advisory Committee ("Metro TAC"), which is an advisory body to the JPA and the Metro Commission, to provide authoritative recommendations to the Metro JPA and Metro Commission; and

D. The activities of the Metro JPA, the Metro Commission, and Metro TAC require administrative staff to prepare agendas, distribute mail, prepare minutes and perform other administrative activities to assure the Metro JPA, Metro Commission, and Metro TAC function within the legal requirements of State law and in a constructive and positive manner; and

E. The Metro JPA, Metro Commission, and Metro TAC do not currently employ staff to perform these administrative clerical services; and

F. Ms. Peoples desires to perform administrative services for the Metro JPA, Metro Commission, and Metro TAC; and

G. The Metro JPA intends to charge each Participating Agency a share of the cost of the administrative services provided by Ms. Peoples, based on each Participating Agency's proportionate flow in the Metropolitan Sewerage System as set during the Metro JPA annual budget process; and

H. The Metro JPA and City of San Diego intend to enter into an agreement under which the City of San Diego will reimburse the Metro JPA for administrative services performed by Ms. Peoples for the Metro Commission.

IN CONSIDERATION of the mutual promises set forth in this Agreement, the Parties agree as follows:

AGREEMENT

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- 2. <u>Term and Termination</u>. The term of this Agreement shall commence on April 11, 2014 and terminate on June 30, 2016 ("Term"). This Term may be extended in a writing signed by both Parties. Either Party may terminate this Agreement upon thirty (30) calendar days written notice to the other Party.
- 3. <u>Reimbursement/Payment</u>. For the Term of this Agreement, as defined in Section 2 above, the Metro JPA agrees to pay Ms. Peoples at the rate of \$52.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies. Metro JPA will, upon submission of proper documentation, reimburse Ms. Peoples up to \$450 per quarter, or pro rata portion thereof, for cell phone, internet access, and technology costs incurred by Ms. Peoples requisite to conduct the Administrative Services.
- 4. <u>Monthly Hours</u>. The Parties estimate that Ms. Peoples will spend approximately twenty (20) hours per month providing Administrative Services to Metro Commission during the Term of this Agreement, and approximately four (4) hours per month providing Administrative Services to Metro JPA and Metro TAC during the Term of this Agreement. Metro JPA, through direction of its Chairperson, hereby reserves the right, upon mutual agreement of the Parties, to extend or otherwise modify these estimated monthly hours to obtain increased or amended Administrative Services from Ms. Peoples as necessary.
- 5. <u>Invoicing</u>. Ms. Peoples shall submit quarterly invoices to the Metro JPA for reimbursement of the Administrative Services provided under this Agreement. The invoices shall contain documentation of the hours Ms. Peoples spent providing

Administrative Services for Metro JPA, Metro Commission, and Metro TAC. The Metro JPA shall endeavor to remit payment within thirty (30) calendar days of receipt of the invoice. Ms. Peoples acknowledges that the income thus derived from this agreement is taxable and will be reported to the Internal Revenue Service. Further, Ms. Peoples acknowledges that no income tax, or any other withholdings, will be withheld on this income and that, as an independent contractor, she is responsible for obtaining any required business licenses and permits.

- 6. <u>Maintenance of Records</u>. Books, documents, papers, accounting records, and other evidence pertaining to costs incurred shall be maintained by Ms. Peoples and made available for inspection by Metro JPA at all reasonable times during the Agreement period, and for four (4) years from the date of final payment under the Agreement.
- 7. <u>Indemnification</u>. Metro JPA and Ms. Peoples each agree to defend, indemnify, protect and hold harmless the other Party, officers, employees, and agents from all claims asserted, or liability established for damages or injuries to any person or property including to the indemnifying Party's officers, employees and agents, or judgments arising directly or indirectly out of obligations, work or services herein undertaken, which arise from, are connected with, are caused by or claimed to be caused by the acts or omissions of the indemnifying Party's officers, employees and agents. The indemnifying Party's duty to indemnify and hold harmless shall not include any claims or liabilities arising from the established active negligence, sole negligence or willful misconduct of the other Party, its agents, officers or employees.
- 8. <u>Notice</u>. Any notice or instrument required to be given or delivered by this Agreement may be given or delivered by depositing the same in any United States Post Office, certified mail, return receipt requested, postage prepaid, addressed to:

| MS. PEOPLES: | METRO JPA: |
|-------------------------|--|
| Lori Anne Peoples | Metro Wastewater Joint Powers Authority |
| C/O City of Chula Vista | C/O Paula de Sousa, General Counsel |
| 276 Fourth Avenue | 655 West Broadway 15 th Floor |
| Chula Vista, CA 91910 | San Diego CA 92101 |
| Attn: Lori Anne Peoples | Attn: Paula de Sousa and Cheryl Cox |

- 9. <u>Insurance</u>. Ms. Peoples shall provide proof of commercial general liability and automobile insurance to the Metro JPA in amounts and with policies, endorsements, and conditions required by the Metro JPA for the Administrative Services.
- 10. <u>General Terms</u>.
 - a. <u>Standard of Care</u>. The Administrative Services will be performed in accordance with generally accepted professional practices and principles and in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions.

- b. <u>Assignment and Subconsultants</u>. Ms. Peoples and Metro JPA shall not assign, sublet, or transfer this Agreement or any rights under or interest in this Agreement without the written consent of the other Party, which may be withheld for any reason.
- c. <u>Independent Contractor</u>. Ms. Peoples is retained as an independent contractor and is not an employee of Metro JPA. No employee or agent of Ms. Peoples shall become an employee of Metro JPA.
- d. <u>Laws, Venue, and Attorneys' Fees</u>. This Agreement shall be interpreted in accordance with the laws of the State of California; any action to enforce the terms of this Agreement shall be brought in a state or federal court situated in the County of San Diego, State of California. In the event of any such litigation between the Parties, the prevailing Party shall be entitled to recover from the losing Party all reasonable costs incurred, including reasonable attorneys' fees, as determined by the court.
- e. <u>Amendment; Modification; Severability</u>. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties. The unenforceability, invalidity, or illegality of any provision(s) of this Agreement shall not render the other provisions unenforceable, invalid, or illegal.
- f. <u>Integration</u>. This Agreement represents the entire understanding of the Parties as to those matters contained herein, and supersedes and cancels any prior oral or written understanding, promises, or representations with respect to those matters covered hereunder.

[Signatures on following page]

SIGNATURE PAGE TO AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE METRO WASTEWATER JOINT POWERS AUTHORITY AND LORI ANNE PEOPLES

The Metro JPA and Ms. Peoples execute this Agreement dated as of the Execution Date above, indicating that they have read and understood the terms of this Agreement, and indicate their full and complete consent to its terms:

Dated: _____

Lori Anne Peoples

By: _____

Dated: _____

Metro Wastewater Joint Powers Authority

By: _

Approved as to form:

Cheryl Cox, Chairperson

Paula C. P. de Sousa General Counsel Metro Wastewater Joint Powers Authority

AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES BY AND BETWEEN THE METRO WASTEWATER JOINT POWERS AUTHORITY AND LORI ANNE PEOPLES

THIS AGREEMENT FOR ADMINISTRATIVE SUPPORT SERVICES ("Agreement") is made and entered into this <u>11th</u> day of <u>April</u>, <u>20092014</u>, ("Execution Date") by and between the Metro Wastewater Joint Powers Authority, existing and organized pursuant to the provisions of Government Code section 6500 *et seq.* ("Metro JPA") and Lori Anne Peoples ("Ms. Peoples"). Metro JPA and Ms. Peoples are sometimes individually referred to herein as the "Party" and collectively as the "Parties."

RECITALS

A. The City of Coronado, the City of Del Mar, the City of El Cajon, the City of Imperial Beach, the City of La Mesa, City of National City, the City of Chula Vista, the Lemon Grove Sanitation District, the City of Poway, Padre Dam Municipal Water District, Otay Water District and the County of San Diego (on behalf of: the Winter Gardens Sewer Maintenance District, a maintenance district established pursuant to California Streets & Hwys. Code section 5820 et seq.; the Lakeside/Alpine Sanitation District, a political subdivision of the State of California; and the Spring Valley Sanitation District, a political subdivision of the State of California) (the "Participating Agencies") entered into a Joint Exercise of Powers Agreement ("Joint Powers Agreement"), as amended, creating the Metro JPA for the purpose of taking responsibility, taking actions, and making decisions pertaining to the Regional Waste Water Disposal Agreement dated June 25, 1998 ("Metro Agreement"); and

B. The Participating Agencies appoint representatives to the Metro Commission, which is an advisory body to the City of San Diego created pursuant to the Metro Agreement-; and

C. Public works directors and engineers from the Participating Agencies are members of the Metro Technical Advisory Committee ("Metro TAC"), which is an advisory body to the JPA and the Metro Commission, to provide authoritative recommendations to the Metro JPA and Metro Commission-; and

D. The activities of the Metro JPA, the Metro Commission, and Metro TAC require administrative staff to prepare agendas, distribute mail, prepare minutes and perform other administrative activities to assure the Metro JPA, Metro Commission, and Metro TAC function within the legal requirements of State law and in a constructive and positive manner; and

 \underline{DE} . The Metro JPA, Metro Commission, and Metro TAC do not currently employ staff to perform these administrative clerical services; and

E<u>F</u>.Ms. Peoples desires to perform administrative services for the Metro JPA, Metro Commission, and Metro TAC; and

F<u>G</u>.The Metro JPA intends to charge each Participating Agency a share of the cost of the administrative services provided by Ms. Peoples, based on each Participating Agency's proportionate flow in the Metropolitan Sewerage System as set during the Metro JPA annual budget process; and

<u>GH</u>.The Metro JPA and City of San Diego intend to enter into an agreement under which the City of San Diego will reimburse the Metro JPA for administrative services performed by Ms. Peoples for the Metro Commission.

IN CONSIDERATION of the mutual promises set forth in this Agreement, the Parties agree as follows:

AGREEMENT

- 1. Services. Ms. Peoples agrees to provide clerical support and related services to facilitate monthly Metro JPA, Metro JPA Committees, Metro Commission, and Metro TAC meetings, and any special meetings that may be called, including: preparation of agendas and attachments; posting of agendas and notices in compliance with State laws; distribution via e-mail and mailing of agenda packages; attending meetings and taking action and summary minutes; distribution via e-mail of minutes; preparation of and e-mailing and mailing of all necessary correspondence; interfacing with the Chair and Commissioners by phone, e-mail and fax; facilitating and submitting monthly per diem forms for Commissioners; maintaining Metro rosters; maintaining files; preparation and tracking of Annual, Assuming and Leaving Office FPPC 700 Conflict of Interest forms; processing and tracking of all contracts and agreements entered into by the Metro JPA; providing informational updates and acting as liaison to the Webmaster; serving as a contact person for the Metro JPA, Metro JPA Committees. Metro Commission, and Metro TAC; and performance of other duties as assigned ("Administrative Services").
- 2. <u>Term and Termination</u>. The term of this Agreement shall be a two (2) year period commencing April 10, 2009 and terminating April 20, 2011 commence on April 11, 2014 and terminate on June 30, 2016 ("Term"). This Term may be extended in a writing signed by both Parties. Either Party may terminate this Agreement upon thirty (30) calendar days written notice to the other Party.
- 3. <u>Reimbursement/Payment</u>. For the Term of this Agreement, as defined in Section 2 above, the Metro JPA agrees to pay Ms. Peoples at the rate of \$50.0052.50 per hour plus mileage at the current IRS Rate/Mile and actual costs for postage and supplies. <u>Metro JPA will, upon submission of proper documentation, reimburse Ms. Peoples up to \$450 per quarter, or pro rata portion thereof, for cell phone, internet access, and technology costs incurred by Ms. Peoples requisite to conduct the Administrative Services.</u>
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Lori Anne Peoples

By: _____

Dated:

Metro Wastewater Joint Powers Authority

By:

Mark RobakCheryl Cox, Chairperson

Approved as to form:

Paula C. P. de Sousa General Counsel Metro Wastewater Joint Powers Authority

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Dated: _____

Lori Anne Peoples

By: _____

Dated: _____

Metro Wastewater Joint Powers Authority

By: _____ Cheryl Cox, Chairperson

Approved as to form:

Paula C. P. de Sousa General Counsel Metro Wastewater Joint Powers Authority

MetroTAC 2012/13 Work Plan January 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 |
| 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. A copy is attached to this work plan. | Eric Minicilli |
| 2013 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. | 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. | Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese |
| 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 http://sdirwmp.org/2013-irwm-plan-update. <i>1/14: Bob Kennedy continues to attend RAC meetings and reports back to Metro TAC.</i> | 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 |

| MetroTAC Items | Description | Subcommittee |
|--|---|--|
| 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 | Member(s) 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 www.dea.gov to find your nearest location.4/12: East County to host a prescription drug take back day. Locations can be found on the DEA website. | 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. | |
| 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 statue 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 an offer to the attorney's group. The attorney's group met in January to discuss. | Rita Bell Karyn Keese |

| MetroTAC Items | Description | Subcommittee Member(s) |
|--|--|---|
| 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 |
| 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 |
| 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. | Roberto Yano Bob Kennedy Karyn Keese Rita Bell |
| Recycled Water Study 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. | Greg Humora Leah Browder Mark Watton Scott Tulloch Rick Hopkins Jim Smyth Karyn Keese |
| Board Members' It | ems | |
| San Diego Wastewater 50 th 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 |

Date Printed: January 31, 2014

| MetroTAC Items | Description | Subcommittee Member(s) |
|------------------------------|---|--|
| 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. | 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. 2/1 3: 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? | 8 |
| SDG&E Rate Case | 8/19: Karyn to check with Paula regarding latest SDG&E issues.11/12: Sophie Paula de Akins from BBK will present updated information to Metro TAC. | |
| Metro JPA Strategic Plan | 6/12: Chairman Ewin to establish a subcommittee to monitor the progress of strategic plan initiatives. | Who should take over? |

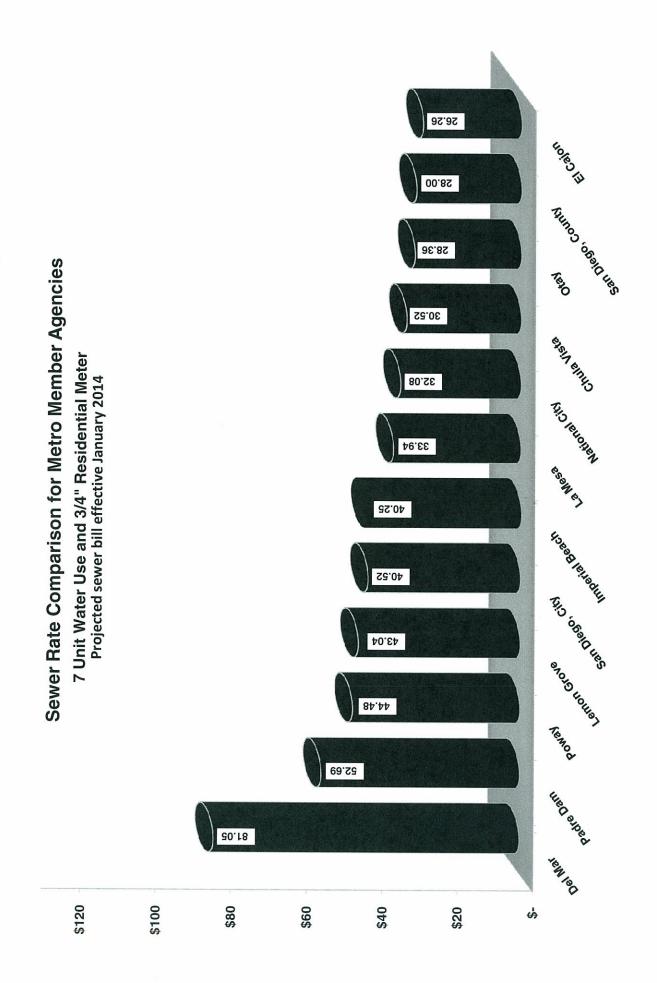
| Completed Items | Description | Subcommittee Member(s) |
|--|---|--|
| Debt Reserve and Operating Reserve Discussion | In March 2010, the JPA approved recommendations developed by Metro JPA Finance Committee, MetroTAC, and the City of San Diego regarding how the PA's will fund the operating reserve and debt financing. MetroTAC has prepared a policy document to memorialize this agreement. Project complete: 4/10 | Scott Huth Karyn Keese Doug Wilson |
| 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. Project complete: 5/10. 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 Project complete: 5/10 | 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. Project complete 7/10 | 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. Efforts closed 3/11 | 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. Closed 4/18/12 | Al Lau |
| SDG&E Rate Case | "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. | |
| Karyn to check with Paula regarding latest SDG&E issues. Metro JPA 2/2011: committee to meet 2/28/11 to plan for retreat to be held on 5/5/11 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 |

| Completed Items | Description | Subcommittee Member(s) |
|--|---|--|
| 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 IRWMPRAC. 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 |

Metro TAC Participating Agencies Selection Panel Rotation

| Agency | Representative | Selection Panel | Date |
|---------------------|----------------|--|-----------|
| Padre Dam | Neal Brown | IRWMP – Props 50 & 84 Funds | Assigned |
| 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 | 5002 |
| Padre Dam | Neal Brown | Regional Advisory Committee | 6002/60 |
| 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 11/2012 | | | 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 | Joe Smith | | |
| Coronado | Godby, Kim | | |
| Otay Water District | Bob Kennedy | Strategic Planning (Volunteered, participated last vear) | 01/2013 |
| Del Mar | Eric Minicilli | | 0 |
| Padre Dam | AI Lau | | |
| El Cajon | Dennis Davies | | |
| Lemon Grove | Patrick Lund | | |
| National City | Joe Smith | | |
| Coronado | Scott Huth | | |
| Otay Water District | Bob Kennedy | | |
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| Padre Dam | Al Lau | | |
| County of San Diego | Dan Brogadir | | |
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| La Mesa | Greg Humora | | |
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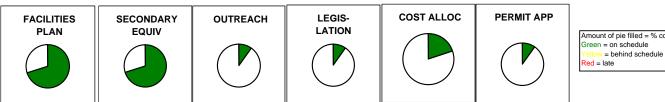




Point Loma Permit/Potable Reuse KEY MILESTONE DATES

| DATE | TASK | FOLLOW UP ACTION/STATUS |
|-------------------------------|---|---|
| 2013 | | ACTION/CIATOO |
| Dec. 13, 2013 | San Diego provide draft facilities plan to stakeholders | Draft provided. Enviros requested if schedule could be accelerated. San Diego provide update on 2/5/14 |
| 2014 | | |
| January | Begin outreach to regulators, legislators, key stakeholders and public | |
| 1/16/14 8:30-10:30 MOC2-2E | San Diego Define Secondary Equivalency. Provide draft white paper | Comments provided on white paper. Enviros requested an analysis to be run using existing flows as a base line for comparison. Also look a concentration limits. Next meeting TBD |
| | 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. Next meeting on 2/20/14 |
| Late January | Preliminary cost estimate and rate impact based on preliminary facilities plan | |
| 02/05/2014 MOC2 2E | San Diego Stakeholders Meeting | |
| 2/20/2014 MOC2 2K | Cost allocation meeting | |
| February | First draft of legislative language | |
| February | Seek Congressional sponsor for legislation (Issa/Davis ?) | |
| 02/24/2013 | Imperial Beach outfall meeting | |
| March | Resolve Padre Dam mass balance correction. This is holding up the FY12, FY11, FY10, and FY09 audits | Attorney's met on 1/23/14. The asked San Diego for additional information. Next meeting TBD |
| March | Resolve North City billing correction | These adjustments may be combined with Padre Dam mass balance corrections |
| March | Resolve recylced water revenue | These adjustments may be combined with Padre Dam mass balance corrections |
| 06/30/2014 | Complete cost analysis and rate impact review Finalize cost allocation method | |
| September | Finalize facilities plan for inclusion in NPDES permit application | |
| September | First draft NPDES Permit | |
| December | Final draft NPDES Permit | |
| 2015 | | |
| January | Submit NPDES Permit to the Environmental Protection Agency | |

Milestone Progress Dashboard



Amount of pie filled = % complete Green = on schedule