



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

**AGENDA**

**Thursday, NOVEMBER 6, 2008  
12:00 p.m.**

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

*"The mission of the Metro Commission is to create an equitable partnership with the San Diego City Council on wastewater issues in the San Diego region that ensures fair rates for participating agencies, concern for the environment, and regionally balanced decisions through data analysis, collaboration among all stakeholders, and open dialogue."*

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

Documentation  
Included

1. ROLL CALL
2. PUBLIC COMMENT  
*Persons speaking during Public Comment may address the Metro Commission/ Metro Wastewater JPA on any subject matter within the jurisdiction of the Metro Commission and/or Metro Wastewater JPA that is not listed as an agenda item. Comments are limited to three (3) minutes. Please complete a Speaker Slip and submit it prior to the start of the meeting.*
- X 3. **ACTION** - APPROVE MINUTES OF SEPTEMBER 11, 2008
4. PRESENTATION BY COMMISSIONER ERNIE EWIN - RECOGNITION OF SERVICE TO CHAIRMAN ARBARBANEL AND VICE CHAIR WINTER
5. METRO TAC UPDATE
- X 6. PRESENTATION ON METRO BIOSOLIDS STORAGE SILOS – DESIGN CONTRACT (Dwight Correia)
7. PRESENTATION ON "SMART WATER MANAGEMENT" (Ben Slick of Hydropoint Data Systems Inc.)

Documentation  
Included

8. PRESENTATION ON PUBLIC UTILITIES CONSOLIDATION (Bob Ferrier/Alex Ruiz)
- X 9. PRESENTATION ON NCWRP – WET WEATHER INTERMITTENT STREAM DISCHARGE FEASIBILITY STUDY-PHASE II (Ann Sasaki, Guann Hwang)
- X 10. **ACTION** – CONSIDERATION AND POSSIBLE ACTION TO APPROVE EXPENDITURE FOR EXTENSION OF DOMAIN NAMES (Scott Huth)
11. **ACTION** - CONSIDERATION AND POSSIBLE ACTION TO CHANGE MEETING SCHEDULE TO EVERY-OTHER-MONTH (Mayor Cheryl Cox)
12. DISCUSSION ON INTERIM MEASURES TO FACILITATE JPA BUSINESS WHILE TRANSITIONING TO NEWLY ELECTED JPA BOARD MEMBERS AND OFFICERS (Chair and Vice-Chair)
13. IROC UPDATE
14. COMMUNICATION AD HOC COMMITTEE
15. FINANCE AD HOC COMMITTEE
16. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING – (Consideration for canceling of DECEMBER 4, 2008 meeting and holding the next meeting on **JANUARY 8, 2009**)
17. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS
18. CLOSED SESSION - CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION  
  
Initiation of litigation pursuant to subdivision (c) of Section 54956.9 (1 potential case)
19. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA

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

*Materials provided to the Commission and/or Metro Wastewater JPA related to any open-session item on this agenda are available for public review by contacting L. Peoples at (619) 476-2557 during normal business hours.*

***In compliance with the  
AMERICANS WITH DISABILITIES ACT***

*The Metro Commission/Metro Wastewater JPA requests individuals who require alternative agenda format or special accommodations to access, attend, and/or participate in the Metro Commission/Metro Wastewater JPA meetings, contact M. Barrett at (619) 236-6585, at least forty-eight hours in advance of the meetings.*

November 6, 2008

Metro Commission/Metro  
Wastewater JPA Agenda

# Agenda Item 3



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

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

**September 11, 2008  
Minutes**

Vice-Chair Mayda Winter called the meeting to order at 12:07 p.m. A quorum of the Metro Wastewater JPA and Metro Commission was declared, and the following representatives were present:

**1. ROLL CALL**

<u>Agencies</u>	<u>Representatives</u>		<u>Alternate</u>
City of Chula Vista	Cheryl Cox	X	
City of Coronado	Al Ovrom	X	
City of Del Mar	Henry Abarbanel		Carl Hilliard
City of El Cajon	Mark Lewis	X	
City of Imperial Beach	Mayda Winter	X	
City of La Mesa	Ernie Ewin		(No representation)
Lemon Grove Sanitation District	Jerry Jones	X	
City of National City	Luis Natividad	X	
City of Poway	Merrilee Boyack		Kevin Haupt
City of San Diego	Jerry Sanders	X	Bob Ferrier
County of San Diego	Dianne Jacob		Daniel Brogadir
Otay Water District	Mark Robak		(No representation)
Padre Dam MWD	Augie Caires	X	
Metro TAC Chair	Scott Huth	X	
IROC	Don Billings		Barry Newman

Vice-Chair Mayda Winter requested a moment of silence for those who lost their lives on September 11, 2001.

**2. PUBLIC COMMENT**

There was no public comment.

**3. ACTION: APPROVE MINUTES FROM THE MEETING OF AUGUST 7, 2008**

Upon motion by Commissioner Mark Lewis, seconded by Commissioner Jerry Jones, with the City of La Mesa and the Otay Water District absent, the Board unanimously approved the minutes.

**4. METRO TAC UPDATE**

Metro TAC Chairman Scott Huth, reported on the following:

- The focus of the last meeting had been on the two items that are before the JPA today, Items 6 and 7, dealing with the concentrate collection upgrades and electrical upgrades at Pump Stations 1 and 2. Both were approved by the Metro TAC and recommended to be forwarded to the Metro Commission for approval. With regards to the pump station electrical upgrades, the TAC requested additional information on the use of more efficient motors.
- A group had met with the City of San Diego to discuss the reserve funding and components of the debt funding. There is currently nothing to report on, additional meetings are scheduled, and report will be brought back in the near future.

5. **ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE YEAR END JUNE 30, 2008 TREASURER'S REPORT**

Metro JPA Treasurer Doug Wilson provided an overview of the report.

Upon motion by Commissioner Augie Caires, seconded by Commissioner Al Ovrom, with the City of La Mesa and the Otay Water District absent, the Board unanimously approved the year end June 30, 2008 Treasurers Report.

6. **ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE MBC CENTRATE COLLECTION UPGRADES (ANN SASAKI, IRAJ ASGHARZADEH)**

Deputy Director, Metropolitan Wastewater Department, Ann Sasaki, provided a brief overview of the proposed upgrade project.

Upon motion by Commissioner Augie Caires, seconded by Commissioner Louie Natividad, with the City of La Mesa and the Otay Water District absent, the Board unanimously approved the MBC Centrate Collection Upgrades.

7. **ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE PUMP STATIONS 1 AND 2 ELECTRICAL UPGRADES (ANN SASAKI, CHISTI DADACHANJI)**

Deputy Director, Metropolitan Wastewater Department, Ann Sasaki, provided a brief overview of the proposed upgrades.

Upon motion by Commissioner Louie Natividad, seconded by Commissioner Jerry Jones, with the City of La Mesa and the Otay Water District absent, the Board unanimously approved the Pump Stations 1 and 2 Electrical Upgrades.

8. **ACTION - CONSIDERATION AND POSSIBLE ACTION TO APPROVE THE CONTINUANCE ON A MONTH TO MONTH BASIS OF THE AGREEMENT WITH AR CONSULTING FOR WEBSITE HOSTING AND MAINTENANCE**

TAC Chairman Scott Huth provided an overview of the report, and noted that the annual fee of \$100 would come due again in November and requested direction at staff level to do what is necessary to re-register the Domain Names which are due to expire in December.

Attorney Paula de Sousa stated that while this is a continuance of the service currently being provided by this webmaster, the services were previously provided under the previous agreement with Walke and Conlee which is now expired, the JPA's action is to approve a new agreement.

Upon motion by Commissioner Augie Caires, seconded by Commissioner Jerry Jones, with the City of La Mesa and the Otay Water District absent, the Board unanimously approved the new agreement with AR Consulting for Website Hosting and Maintenance and requested staff proceed with the renewal of the Domain Names.

9. **IROC UPDATE**

Commissioner Augie Caires reported the following:

- On August 21, 2008, a Special IROC meeting was held where in water rate adjustment subject included with the IPR Pilot Program, with a cost of \$11.8 million to be born by the water department and paid over a period of 18 months when it would sunset. The four year pilot program will now go through the 218 noticing process and the City Council public hearing and voting. IROC unanimously approved it Coastkeepers and Surfrider were present and spoke in favor as well.
- On September 8, 2008, Councilmember Elect Carl DeMaio presented his perspective on IROC's roles and responsibilities, raising the bar of IROC responsibilities and making it evident that water and wastewater were high priorities to him.
- IROC was briefed on the City's tentative proposal to sell surplus wastewater treatment capacity to the PA's as demand requires. This was well received by IROC as well.

- The IROC Finance Committee will be reviewing a new water/wastewater model and the new model will be used in 2010, additional information will be forthcoming.
- The IROC Finance Committee also has reviewed a dynamic system-wide IROC report card proposal that will now go to the full IROC Board and focuses on what is important to ratepayers as opposed to matrixes that are more important internally, additional information will be forthcoming.

IROC Alternate Barry Newman added that not only was the Finance Committee reviewing the report card approach, but the Environmental & Technical Committee was reviewing it concurrently as well trying to identify those issues and both were sensitive to the needs and wants of the JPA as part of ensuring that they have a report card that addresses all of the constituencies.

**10. COMMUNICATION AD HOC COMMITTEE**

There was none.

**11. FINANCE AD HOC COMMITTEE - DISCUSSION OF CURRENT ACTIVITIES WITH THE CITY OF SAN DIEGO RELATED TO FINANCING ISSUES**

Attorney Paula de Sousa stated that the Finance Ad Hoc Committee is continuing to work City Staff to review issues related to the City's upcoming financings and the reserves/ debt coverage issues. A report will be brought back in the near future.

Mayor Sanders expressed his continued commitment to having his staff include the JPA in their review of financing issues.

**12. STRATEGIC PLAN AD HOC COMMITTEE**

**ACTION: CONSIDERATION AND POSSIBLE ACTION TO APPROVE PROPOSAL OF BLAKE ANDERSON CONSULTING FOR STRATEGIC PLANNING CONSULTING WORK AND DIRECTION TO THE TREASURER TO INCREASE THE BUDGET FUNDED BY A CORRESPONDING SUPPLEMENTAL BILLING TO THE PARTICIPATING AGENCIES TO COVER THE MAXIMUM COST OF \$20,000**

Commissioner Augie Caires stated the Committee, comprised of Chair Henry Abarbanal, Commissioner Ernie Ewin and himself and staffed by Attorney Paula de Sousa had met with Blake Anderson, the formal manager of the Orange County Sanitation District on two occasions and asked him to present a proposal which was received and attached to the agenda. Mr. Anderson would bring a unique perspective to the process that is needed in terms of the waiver process. The proposed strategic planning effort would be developed over a six month period of time. A tentative workshop is scheduled with him, pending contract approval, for November 6, 2008 from noon to 4 p.m. in Del Mar. Alan Langworthy due to his unique technical perspective on these issues and any other City representatives who would like to attend would be invited. There would also be a final workshop that would occur at the end of the strategic planning workshop. In conclusion, Commissioner Caires stated that what was at stake was the \$800 million that would be spent in contracted wastewater treatment over the next ten years which does not include transportation or secondary treatment contracts which will be fairly high for the PA's.

Commissioner Cheryl Cox stated she was having difficulty understanding the need for the JPA to do a strategic plan as a minority partner to San Diego.

Commissioner Augie Caires stated that the primary hurdle was whether the JPA felt there is a necessity to have a strategic plan or not.

Commissioner Jerry Jones asked how the strategic plan workshop would be different than the annual retreat, to which Commissioner Augie Caires responded that the annual retreat focused on one year at a time versus long term, strategic planning.

Attorney Paula de Sousa stated that one of the concepts mentioned by Commissioner Ernie Ewin at one of the Ad Hoc meetings, was that goals had been set for 10 years, but not followed through on and the strategic plan would be a way to come up with more definable goals both near and long term, and set up a systematic way of accountability and follow through (provide more structure) for those goals.

Commissioner Jerry Jones expressed concerns with redundancy between the retreat and the proposed strategic planning workshop.

Vice-Chair Mayda Winter suggested adding looking at long term as well as short term planning at the annual retreat, and to move the retreat date up to March or April to coincide with the budget year.

Mayor Sanders commented that after the decision was made by EPA on the waiver that the City of San Diego will be developing a Strategic Plan that will include participation by the Metro JPA.

Commissioner Cheryl Cox requested that invitations be extended to the City of San Diego to attend the next retreat and provide what they see as the upcoming issues and receive input from the PA's.

Upon motion by Commissioner Cheryl Cox, seconded by Commissioner Louie Natividad, with the City of La Mesa and the Otay Water District absent, the Board unanimously denied the proposal of Blake Anderson Consulting.

**13. WAIVER AD HOC COMMITTEE**

Vice-Chair Mayda Winter stated that the committee was disbanded at the last meeting as no further action would be necessary until a decision was made by EPA.

Mayor Sanders stated that there was no additional information on the status of the waiver application at this time.

**14. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/METRO WASTEWATER JPA MEETING**

Vice-Chair Mayda Winter noted that the October 2 and the November 6 meetings would be held as regular meetings at MOC II. She then stated she was in the process of arranging for a Smartwater presentation to be placed on either the October or November agenda.

Commissioner Cheryl Cox requested placement on the October agenda of discussion of scheduling meetings on an every other month or as needed basis rather than monthly.

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

There was none.

**16. ADJOURNMENT OF METRO COMMISSION AND METRO WASTEWATER JPA**

At 12:40 p.m., there being no further business, Vice-Chair Mayda Winter declared the meeting adjourned.

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Recording Secretary

# Agenda Item 6

**CITY OF SAN DIEGO  
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT**

**Project Name:** MBC BIOSOLIDS STORAGE SILOS 9&10, (CIP No. 45- 984.0)

**Name of Project Presenter:** Dwight Correia, Senior Civil Engineer, MBC

**Project Background:**

The City of San Diego's Metropolitan Wastewater Department (MWWD) operates the Metro Biosolids Center (MBC), a regional biosolids processing facility located adjacent to the City's Miramar Landfill in Kearny Mesa.

The biosolids from the Point Loma Wastewater Treatment Plant (PLWTP) and the North City Water Reclamation Plant (NCWRP) are dewatered and transferred to a Biosolids Storage and Loading Facility (Area 86) which houses eight (8) storage silos and two (2) truck loading bays. These dewatering, storage and truck loading operations are core plant functions which are critical to system wide operations and the inability to maintain these operations at a capacity level that matches or exceeds process demands will result in permit compliance issues.

The mechanical equipment associated with the storage silos and truck loading operations is over 10 years old with a typical useful life of 10-15 years. Currently, at least one silo is out of service for repairs 2 to 14 days each month. There have been recent increases in the frequency of repairs to the associated equipment which indicates that the equipment is nearing the end of its useful life. In order to restore reliability to these critical biosolids storage and truck loading processes and maintain capacity levels necessary to avoid causing spills, a mechanical equipment replacement and silo retrofit project must be implemented within the next five years.

In order to replace the associated equipment and to retrofit the silos each silo will be out of service for approximately 75-90 days, due to silo and equipment access issues. It is expected that it will take two years to complete the work associated with silo retrofit and equipment replacement. As a result, this represents a two year period during which MBC will only have 7 silos available for use. During this time it is reasonable to expect that there may be several events which could cause one of the remaining original silos to break down, thereby leaving only 6 silos in service.

When all 8 silos are in-service, MBC has sufficient storage to avoid weekend loading operations and, therefore, loads trucks five days a week. With only 7 silos in-service, it is necessary for MBC to load trucks on Saturdays. With only 6 silos in-service, MBC would need to load out seven days a week; however, this is not possible because of the lack of available disposal destinations for the biosolids on Sundays. Additionally, pre-loading of trucks on Sundays for disposal on Mondays would result in other problems as MBC has no truck storage building with the necessary odor control facilities.

Alternatives to this project include:

- the “do nothing” alternative. Due to the expectation that there will be several events where only 6 silos will be in service leading to an increased risk of violating Point Loma’s ocean discharge permit, this alternative is not considered to be an option.
- providing storage for pre-loading of trucks on Sundays and holidays. This alternative will require constructing a building to store 24 loaded trucks and new odor control facilities to capture and treat the foul air that will be generated. Both the \$12M capital cost and the operating cost of this alternative exceed the estimated costs of providing the 2 additional silos.

Given the aforementioned circumstances, there is a very real possibility that only 6 silos would be in service for several periods during the two year silo equipment replacement and retrofit project. Inability to load out biosolids seven days a week will ultimately culminate in MBC not having the available capacity to meet biosolids processing demands. The net result is a higher risk of biosolids or sewage spills and failures to meet National Pollutant Discharge Elimination System (NPDES) permit requirements at MBC or PLWTP. Therefore, it is recommended that we proceed with the design of the two (2) new additional silos, including all associated mechanical equipment, so that they can be provided prior to implementing the silo equipment replacement and retrofit project.

When the 30% design and equipment layout drawings for the two new additional silos project are submitted for review, the scope of work for the separate silo equipment replacement and retrofit project will be completed and that project initiated. The silo equipment replacement and retrofit project will not be CIP funded as it does not provide new additional equipment or capacity enhancements.

The selection of Metcalf & Eddy (M & E) for Professional Design Consultant Services for Design and Construction Assistance Services for the Additional Biosolids Storage Silos (no. 9 and 10) at the Metropolitan Biosolids Center for the City of San Diego was thru a competitive selection process. The M & E Design cost of \$773,233.00 reflects the design cost and support during Construction Contractor Bid/Award, Construction and Start-up.

### **Project Description**

The Project requires the following consultant design and construction support services:

- Installation of new Area-86 Silos Nos. 9 and 10 including all appurtenant equipment (silo cake feeders, conveyors, cake pumps, and hydraulic systems);
- Installation of new cake piping, valves, foul air ducting, dampers and auxiliary piping connecting the new silos to the existing silo systems;
- Installation of all structural foundations and supports including access stairs, ladders, platforms, catwalks, lifting equipment and safety tie-offs for the new silo systems;

- Installation of all electrical equipment, wiring/conduits and all control/instrument devices and systems compatible with MBC's Distributed Control System (DCS).

**Cost:**

The costs associated with this project are as following:

Administration	\$ 420,000.00
Design Costs	\$ 773,233.00
Construction	\$6, 600,000.00
Construction Management	\$ 750,000.00
Contingency	\$ <u>500,000.00</u>
 Total Projected Costs	 \$9, 043, 233.00

The Administration costs includes the design costs incurred to date for in-house Planning and preparation and process for the competitive selection of M & E of \$60,000.00. Future projected administrative support including the contracting process with M &E thru the closeout of this project is estimated at \$360,000.00.

The funding will come from the MBC Biosolids Storage Silos CIP No. 45-984.0, Sewer Fund 41509.

**Schedule:**

The schedule for MBC Biosolids Storage Silos is as follows:

Design Agreement Process	April 2008 - January 2009
Design	January 2009- January 2010
Advertise for Construction	March 2010
NTP for Construction	September 2010
Construction Complete	November 2011

# Agenda Item 9

**City of San Diego  
Metropolitan Wastewater Department**

**Project Name:** North City Water Reclamation Plant – Wet Weather Intermittent Stream Discharge Feasibility Study-Phase II

**Name of Project Presenter:** Guann Hwang, Senior Civil Engineer

**Objective:**

The objective of this feasibility study is to investigate the possibility of discharging reclaimed water from the City of San Diego's North City Water Reclamation Plant (NCWRP) to streams during extreme wet weather events and to provide sufficient data and analyses supporting a permit application to the Regional Water Quality Control Board (RWQCB).

**Project Description:**

Reclaimed water from the 30-mgd NCWRP is distributed to irrigation and industrial customers within the northern portion of the City via a reclaimed water distribution system. During periods of wet weather, there is much less demand for reclaimed water and most NCWRP flows are discharged back into the sewer system for transport to the City's Point Loma Wastewater Treatment Plant, where it is retreated prior to discharge to the Pacific Ocean. Additionally, during such periods of wet weather, total system-wide influents to the Point Loma plant are increased as a result of inflow and infiltration into the Metropolitan Sewer System. Therefore, MWWD seeks to evaluate the potential for intermittent discharge to streams as a method of offloading its collection, pumping, and treatment facilities during extreme wet weather events.

Evaluation of such discharge potential is a necessary component of the Metropolitan wastewater master planning. A NPDES permit allowing such a stream discharge will provide a viable alternative to the current interim peak flow solution, Wet Weather Storage Facility. The stream discharge alternative will significantly save the capital investment costs in the next decade or two.

At the November 2007 Metro TAC meeting, it was recommended that the feasibility study be divided into two phases. This recommendation was subsequently approved by the Metro Commission at the November 2007 meeting. Phase I involves establishing the likelihood of RWQCB staff responding favorably to a future permit application, in addition to engaging key stakeholders in the process. Only a fair possibility of such an approval will warrant proceeding with Phase II, which includes sampling and testing of the stream water, discharge frequency analysis, diversion facility planning, hydraulic and environmental impact analyses, permit compliance assistance, and stakeholder meetings.

The Phase I study, which has been completed recently, indicated that both RWQCB staff and stakeholders are supportive of performing the data collection and technical analyses included in Phase II. Input from both RWQCB staff and stakeholders were used to modify the original scope of work for Phase II.

**Project Cost and Schedule:**

This Feasibility Study-Phase II has a total cost value of not-to-exceed four hundred fifty-thousand dollars (\$450,000). The study is expected to be completed in 12 months after the issuance of the notice to proceed.

# Agenda Item 10

# AGENDA STATEMENT



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November 6, 2008, Item No. 10

**ITEM TITLE:** CONSIDERATION AND POSSIBLE ACTION TO APPROVE RENEWAL OF METRO WASTEWATER JPA DOMAIN NAMES

**SUBMITTED BY:** TAC Chairman Scott Huth  
Administrative Assistant Lori Anne Peoples

## **SUMMARY**

At the September 11, 2008 meeting, the Board directed support staff to determine the costs for renewal of the current Domain names of [www.metrojpa.com](http://www.metrojpa.com) and [www.metrojpa.org](http://www.metrojpa.org) which were due to expire in December of 2008, and report back.

## **RECOMMENDATION**

The JPA approve the renewals of both domain names for 3 years each at a total cost of \$120.00.

## **BACKGROUND**

At the September 11, 2008 meeting, the Board approved a Web Hosting agreement with AR Consulting. AR Consulting had advised in their proposal that the Domain Name registrations were expiring in December 2008. Support staff has determined that the cost for renewal of each domain name would be \$20/year and they can be renewed for 1, 2 or 3 year periods.

## **FISCAL IMPACT**

The current budget is sufficient to absorb the \$120.

## **ATTACHMENTS**

None.