



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

**Thursday, January 11, 2007
12:00 p.m.**

**City of Chula Vista Public Works Center
(Lunch Room/Administration Building)
1800 Maxwell Road
Chula Vista, CA 91911**

AGENDA

“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.”

Documentation
Included

1. ROLL CALL
2. PUBLIC COMMENT
- X 3. INTRODUCTION OF DR. TIMOTHY BERTCH, Ph.D.,
WASTEWATER DEPARTMENT DIRECTOR FOR THE CITY OF SAN
DIEGO
- X 4. **ACTION** - APPROVE MINUTES OF DECEMBER 14, 2006
5. METRO WASTEWATER DEPARTMENT UPDATE
6. METRO TAC UPDATE

7. STATUS UPDATE ON CHULA VISTA'S MEMBERSHIP TO THE METRO WASTEWATER JPA
8. **ACTION** - ELECTION OF OFFICERS
9. **ACTION** – APPOINTMENT OF TWO PUAC REPRESENTATIVES
- X 10. **ACTION** - CONTINUATION OF DISCUSSION TO GIVE CITY OF SAN DIEGO A RECOMMENDATION ON THE FOLLOWING:
 - a. Continue enhanced ocean monitoring program.
 - b. Continue technical studies on optimizing the secondary treatment alternatives for Point Loma.
 - c. Use the established State and Federal environmental review processes under CEQA (EIR) and NEPA (EIS) as a method to guide the future decisions regarding modified permits (waivers) for Point Loma.
 - d. Pursue Consent Decree.
11. REGIONAL JOINT GOVERNANCE AD HOC COMMITTEE
12. FINANCE AD HOC COMMITTEE (Scheduled to meet on January 4th, minutes will be provided as a handout at the meeting.)
13. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/WASTEWATER JPA MEETING (FEBRUARY 1, 2007)
14. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS
15. ADJOURNMENT OF METRO COMMISSION AND JPA

*Item 2 - This portion of the agenda provides an opportunity for members of the public to address the Commission and/or JPA items within the jurisdiction of the Commission and/or JPA that have not previously been before the Commission and/or JPA. Comments are limited to three (3) minutes per individual. **Note:** Any member of the Public may address the Commission and/or JPA on any Agenda Item. Please complete a Speaker's Slip in advance of the specific item being called. For alternative agenda format or disabled access to Metro Commission, please call M. Barrett at (619) 236-6585.

*The Metro Commission and/or JPA may take action on any item listed in this Agenda whether or not it is listed "For Action." All items are for Metro Commission and JPA consideration unless otherwise specified.

OBJECTIVE: Wastewater Department Director for the City of San Diego.

QUALIFICATIONS Over twenty years of demonstrated success as a manager (nine years in DoD acquisition). Nuclear submarine commander. Deputy Director for Lockheed Martin. Plans, organizes and executes. Excels in high responsibility/problem solving positions. Key skills include:

Leadership	Team Building	Communications
Cost/Schedule Control	Ethics/Integrity	Technical Performance

PROFESSIONAL EXPERIENCE

Deputy Director, Maritime Lockheed Martin San Diego Jan 2005 to present

Leadership Energized the business unit; double backlog in one year; improved proposal process and contract execution resulting in excellent fees.

Engineering Manager/Leader U.S. Navy 1982 to 2005

Program Management Revitalized a \$150M software defined radio program. Unique ability to distill data to develop clear, concise information. Strategic planner. Results: Showed business sense and government political savvy working with contractor to resolve 5 yrs of outstanding issues.

Team Building Command of a \$1B nuclear submarine for 3 years, trusted with safe operation of a nuclear power plant in public areas with minimal supervision. Achieved high standards of compliance exceeding defined criteria for operating and maintenance procedures. Results: Evaluated as best nuclear submarine (of 6) for 2 of 3 years assigned.

Communications Conducted superior interactions with foreign dignitaries, improving national relations. Political interactions include - Handpicked as the Navy's submarine subject matter expert to personally educate Congressional staffers. Results: Addition of a \$1.5B SEAWOLF submarine to the defense budget.

Technical Performance Details oriented. Rapidly grasps complex technical and management issues. Principal technical advisor to senior Government officials billion dollar procurement decisions. Results: Direct involvement identified and resolved a technical ambiguity, saving the program \$1M while meeting all requirements.

EDUCATION

Nuclear Engineering	Doctorate	University of Maryland	1998
Ocean Engineering	M.S.	University of Connecticut	1988
Naval Architecture	B.S.	U.S. Naval Academy	1982

Metro Commission and
Metro Wastewater JPA Meeting
City of Del Mar - Annex
10 50 Camino Del Mar
Del Mar, California

December 14, 2006
Draft Minutes

Chairman Abarbanel called the meeting to order at 12:00 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	Scott Tulloch
City of Coronado			Scott Huth
City of Del Mar	Henry Abarbanel	X	
City of El Cajon			Rob Turner
City of Imperial Beach	Mayda Winter	X	
City of La Mesa			No Representation
Lemon Grove			
Sanitation District	Jerry Jones	X	
City of National City	Luis Natividad	X	
City of Poway	Merrilee Boyack	X	
City of San Diego	Alan Langworthy	X	
County of San Diego	Dianne Jacob		Daniel Brogadir
Otay Water District	Mark Robak	X	
Padre Dam MWD	Augie Scalzitti	X	(arrived at 12:05)
Metro TAC Chair	Scott Huth	X	
Public Utilities Advisory Commission	Chuck Spinks	X	

2. PUBLIC COMMENT

There was no public comment.

3. PRESENTATION - RECOGNITION OF SERVICE TO COMMISSIONER FRANK TIERNEY AND MR. SCOTT TULLOCH

Both Commissioner Frank Tierney and Mr. Scott Tulloch were presented with plaques in appreciation for their service to the Metro Commission/Wastewater JPA. Commissioner Tierney served two years on this Board and represented the JPA on the PUAC. Mr. Tulloch has accepted the position of Director of Engineering / City Engineer for the City of Chula Vista, and he will serve as an alternate on the Metro Commission.

(Note: Commissioner Scalzitti arrived.)

4. APPROVE MINUTES FROM THE MEETING OF NOVEMBER 2, 2006

Upon motion by Commissioner Natividad, seconded by Commissioner Jones, with the City of La Mesa absent, the minutes of the meeting of November 2, 2006 were approved.

5. METRO WASTEWATER DEPARTMENT UPDATE

Mr. Alan Langworthy reported that Dr. Timothy Bertch has been hired as the new Wastewater

Department Director for the City of San Diego. He will begin his new position on December 29th. Dr. Bertch was the Deputy Director for Lockheed Martin.

6. METRO TAC UPDATE

Ms. Karyn Keese reported that TAC is continuing their work on the Transportation Agreement with the City of San Diego.

7. CONSIDER ALTERNATE DATE (JANUARY 11, 2007) FOR THE METRO WASTEWATER JPA MEETING OF JANUARY 4, 2007

The Commissioners approved for the January meeting to be changed to January 11, 2007. It will be held at the City of Chula Vista.

8. CONSIDERATION AND POSSIBLE ACTION ON OPRA/SECONDARY TREATMENT RECOMMENDATION

Upon motion by Commissioner Boyack, seconded by Commissioner Natividad, and with the City of La Mesa absent, the Commissioners voted unanimously to encourage the City of San Diego as follows:

1. Submit a new application to renew the present waiver from secondary treatment at Point Loma.
2. And to explore whether to recommend that the City of San Diego also take the following additional actions:
 - a. Continue the enhanced ocean monitoring as recommended by Scripps Institution of Oceanography.
 - b. Continue technical studies on optimizing the secondary treatment alternatives for Point Loma.
 - c. Use the established state and federal environmental review processes under CEQA (EIR) and NEPA (EIS) as a method to guide the future decisions regarding modified permits (waivers) for Point Loma.
 - d. Pursue Consent Decree.

The motion also included that this item be brought back before the JPA for a vote in February. Participating Agencies were instructed to submit staff reports stating their position on items 2 (a)-(c).

A letter will be sent to the City of San Diego encouraging them to begin the waiver application. The letter will also state that the JPA may have other recommendations that will be clarified at the February meeting.

(Note: There were two public speakers regarding this item – Mr. Ron Halik representing CP Kelco and Mr. Ed Kimura representing the Sierra Club.)

9. UPDATE ON CAPACITY STUDY

Karyn Keese reported the following:

- The contract was awarded to Raftelis Financial Consultants in August 2006.
- The consultants presented us with a data request list, which was supplied to them by the end of October.

- Additional information was then requested.
- The JPA has been responsive to all of the requests.
- Draft numbers will be available for the February TAC meeting.

Chairman Abarbanel requested that a copy of the draft numbers be distributed to the Commissioners at the same time they are provided to TAC members.

10. REGIONAL JOINT GOVERNANCE AD HOC COMMITTEE

Chairman Abarbanel reported that he and Vice Chair Winter and Metro TAC Chair Scott Huth met with Mayor Sanders on October 28th regarding the following three items:

1. Weighted voting
2. Items called out in the Kroll Report
3. Secondary treatment

He reported the meeting was productive and went well, noting that the weighted vote issue was a critical one with San Diego, but appears to be settled as they felt the weighted vote proposition was acceptable to the City. Chairman Abarbanel and Vice Chair Winter will now meet individually with San Diego City Council Members, beginning with the Natural Resource & Cultural Committee.

Alternate Representative Tulloch suggested that, due to the City's busy schedule, an estimated goal for closure be set for weighted voting and regional governance. Mr. Alan Langworthy will notify Mr. Richard Haas that representatives from this Board will be requesting a meeting with Mr. Jay Goldstone.

11. FINANCE AD HOC COMMITTEE

The minutes from the November 10th Ad Hoc Finance Committee meeting were reviewed. The following two issues and recommendations were discussed at the meeting:

1. Should the Metro JPA request Fieldman Rolapp & Associates prepare a Secondary Treatment Debt Financing Plan?
Recommendation – Fieldman Rolapp should be requested to proceed with this task from their proposal for an amount not to exceed \$5,000.
2. Should the Metro Ad Hoc Finance Committee request an update from MWWWD on 2008 projected budget costs from their preliminary rate case?
Recommendation – MWWWD should be contacted and an update on projected 2008 MWWWD costs should be prepared and provided to the Ad Hoc Committee at their next meeting.

12. PROPOSED AGENDA ITEMS FOR THE NEXT METRO COMMISSION/WASTEWATER JPA MEETING (January 11, 2007)

- OPRA/Secondary Treatment Recommendation

13. METRO COMMISSIONERS' AND JPA BOARD MEMBERS' COMMENTS

There were no comments.

14. ADJOURNMENT OF METRO COMMISSION AND JPA

At 1:35 p.m., there being no further business, Chairman Abarbanel declared the meeting adjourned. The next regular meeting is January 11, 12:00 p.m.

CONTINUATION OF THE DISCUSSION REGARDING CONSIDERATION OF THE METRO WASTEWATER COMMISSION AND JPA'S POLICY ON THE SECONDARY TREATMENT/WAIVER FOR THE POINT LOMA WASTEWATER TREATMENT PLANT

ISSUE: Whether to accept the proposed recommendation as to the policy to be pursued regarding the implementation of the enhanced Ocean Monitoring Program and a recommendation to continue with technical evaluations for optimizing the Biological Aerated Filtration (BAF) technology and other emerging technologies.

RECOMMENDATION: It is recommended that the Board encourage the City of San Diego to continue to implement the enhanced Ocean Monitoring Program and to continue with technical evaluations for optimizing the Biological Aerated Filtration (BAF) technology and other emerging technologies. It is further recommended that we support the City of San Diego in its efforts to secure federal and state grant funds to support these efforts.

FISCAL IMPACT: Funding for the enhanced Ocean Monitoring Program has partially been included in the current monitoring program for those items underway, while future items/special studies will come back to the board as they are developed. Funding for the technical evaluations for optimizing the BAF technology and other emerging technologies has yet to be determined. Scope and proposed costs will come back to the board for further review. San Diego staff is exploring alternative funding options which would include grants and possibly special legislative funding.

BACKGROUND: On December 14, 2006 the Metro Wastewater Commission/JPA unanimously agreed to recommend to the City of San Diego to initiate the process to obtain a waiver extension from the EPA to operate the PLWWTP as an advanced treatment facility. During the discussion on this item, consensus was not reached regarding other possible recommendations and whether any additional items should be discussed with each Commissioner's council or board to obtain input and direction. The following items remain to be discussed:

- 1) Whether the City of San Diego should continue the enhanced ocean monitoring program as recommended by Scripps Institution of Oceanography;
- 2) Whether the City of San Diego should continue with technical evaluations for optimizing Biological Aerated Filtration (BAF) technology and other emerging technologies;
- 3) Whether the City of San Diego should pursue the state and federal environmental review processes under CEQA (EIR) and NEPA (EIS) to determine whether environmental impacts to expand the PLWWTP would exceed harm caused by continuing to operate PLWWTP as an advanced primary treatment facility; and

- 4) Whether the City of San Diego should enter into negotiations with the United States EPA to draft a consent decree clearly stating milestones and a timeline to implement secondary treatment at the PLWWTP.

DISCUSSION:

Enhanced Ocean Monitoring Program: As a result of an agreement between the City of San Diego and the Bay Council concerning the last waiver renewal, Scripps Institution of Oceanography (SIO) was asked to conduct a review of the PLWWTP ocean monitoring program. The review resulted in recommendations for enhancements to the program. Although not a condition of the agreement, the City of San Diego, in consultation with the Metro Commission/JPA, has been voluntarily implementing the recommendations presented in the study. Whereas the City has already implemented many of the recommendations, in addition to the required regulatory monitoring requirements, the following additional ocean monitoring and related activities from the SIO study may also be voluntarily implemented during the next five year waiver period:

- Deep ocean site characterization activities, phase II;
- Sediment budget and transport studies;
- Wastewater plume transport and dispersion studies;
- Rapid micro-biological development study participation;
- Completion of Endocrine Disrupting Compound assessment;
- Final integration of Point Loma Ocean Outfall and South Bay Ocean Outfall ocean monitoring programs into a regional program to insure linkage of littoral cells and to account for regional input sources; and
- Bio-marker/bio-indicator and sensitive fingerprinting technique assessment evaluation.

Continuation of this enhanced program provides useful data that continues to support the observation that Point Loma's advanced treatment discharge does not adversely impact the ocean.

Optimization of BAF and Other Emerging Technologies: Also a condition of the agreement with the Bay Council, Biological Aerated Filtration (BAF) was initially pilot tested at PLWWTP. The goal was to investigate the viability of this technology and its operational intricacies, and to ascertain if the PLWWTP effluent treated with BAF technology could meet the EPA requirements for secondary treatment. The pilot test was a success in achieving these goals. However, the test did not address optimizing the BAF technology regarding implementation and operation costs at PLWWTP, and it did not consider other emerging and innovative technologies. Prudent facilities planning would address these issues of optimizing new and innovative treatment technologies with the processes in place at PLWWTP in the event secondary treatment becomes necessary.

Environmental Impact Analyses: Environmental impacts related to acquiring additional land adjacent to the PLWWTP, constructing new treatment technologies, such as BAF, and the associated on-going impacts are not known at this time. Conducting both federal and state environmental analyses on possible impacts will provide a comparison of the environmental impacts among possible expansion alternatives with current operations, and also include the estimated costs of the possible alternatives. Completing these studies will allow the public an opportunity to review and comment on the alternatives and provide additional information when determining which alternative(s) to pursue regarding the operation of the PLWWTP

EPA Consent Decree Negotiations: If the conversion of the PLWWTP to a secondary treatment facility becomes inevitable, the Metro Commission/JPA, in consultation with the City of San Diego, may consider establishing criteria to include in a possible consent decree with the EPA. In anticipation of a consent decree, the Metro Commission/JPA may want to identify specific trigger points that would nullify a consent decree. Such items may include, but are not limited to:

- A timeline to study, test, select and implement an acceptable technology;
- Cost and economic criteria and/or limits; and
- Interim activities to enhance ocean quality.