

I hereby certify that the following Agenda was posted at least 72 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority [SOCWA].



Thomas R. Rosales, General Manager  
SOCWA and the Board of Directors thereof

**AGENDA**  
**REGULAR MEETING**  
**OF THE**  
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**  
**BOARD OF DIRECTORS**

**Thursday, August 3, 2006**  
**8:30 a.m.**

THE BOARD OF DIRECTORS MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS (I.E. ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.), PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY'S OFFICE AT 949-234-5421 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.

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1. CALL MEETING TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ORAL COMMUNICATIONS

A. Members of the public may address the Board regarding an item on the agenda or may reserve this opportunity during the meeting at the time item is discussed by the Board. There will be a three-minute limit for public comments.

4. CONSENT CALENDAR

A. Minutes of Regular Board Meeting of June 1, 2006..... 1

ACTION: The Board will be requested to approve subject Minutes.

B. Engineering Committee Meeting Minutes of May 11, 2006.....11

ACTION: The Board will be requested to receive and file subject Minutes.

C. Technical Advisory Committee Meeting Minutes of November 15, 2005.....24

ACTION: The Board will be requested to receive and file subject Minutes.

- D. Technical Advisory Committee Meeting Minutes of May 30, 2006.....26  
 ACTION: The Board will be requested to receive and file subject Minutes.
- E. Finance Committee Meeting Minutes of May 16, 2006.....28  
 ACTION: The Board will be requested to receive and file subject Minutes.
- F. Finance Committee Meeting Minutes of June 20, 2006.....31  
 ACTION: The Board will be requested to receive and file subject Minutes.
- G. Approval of Finance Committee Recommendations.....34
  - a) Approval of Expenditures
  - ACTION: The Board will be requested to approve recommendations of the Finance Committee.
  - FISCAL IMPACT: Please refer to pages 34 and 35.

5. GENERAL MANAGERS REPORT

- A. Approval of Resolution Formally Adopting Revised Document Management Policy.....36  
 Resolution No. 2006-02- Revised Document Management Policy  
 ACTION: The SOCWA Board will be requested to approve Resolution No. 2006-02 adopting revised Document Management Policy.  
 FISCAL IMPACT: None.
- B. Extension of Biosolids Agreement Between SOCWA and Synagro Composting Company .....54  
 ACTION: The Board will be requested to approve the award of a two (2) year contract extension to Synagro Composting Company under the terms as outlined in the final agreement which was prepared by legal counsel. **(PC 2, 3A, 17)**  
 FISCAL IMPACT: Please refer to staff report.
- C. Ferric Chloride Services Agreement.....82  
 ACTION: The Board will be requested to approve the award of a two (2) year contract service agreement with Kemiron Companies to supply the SOCWA facilities and participating member agencies with ferric chloride at a rate of \$398 per dry ton. **(PC 2, 3A, 15, 17)**  
 FISCAL IMPACT: Please refer to staff report.

## D. Report – Biosolids Management Activities Update.....98

ACTION: The Board will be requested to review the Biosolids Management Activities Status Report and thereafter to receive and file the report.

FISCAL  
IMPACT: None.

## E. General Manager's Status Report.....100

ACTION: The Board will be requested to take action as deemed appropriate relative to any matter listed in the Bi-Monthly Status Report and thereafter to receive and file the report.

FISCAL  
IMPACT: None.

6. FINANCIAL MATTERS

## A. North Coast Interceptor Operations Budget F/Y 2006/007.....106

ACTION: The Board will be requested to approve the North Coast Interceptor Operations Budget for F/Y 2006/2007 as submitted by the members of Project Committee No. 23. **(PC 23)**

FISCAL  
IMPACT: Please refer to staff report.

7. ENGINEERING MATTERS

## A. Engineering Contract for Malcolm Pirnie, Inc. for the JB Latham Treatment East Plant Process, Power and Pumping Upgrades Design Project.....114

ACTION: The Board will be requested to approve the award of contract to Malcolm Pirnie, Inc. for the final design of the JB Latham Treatment Plant East Plant Process, Power and Pumping Upgrades at a cost of \$221, 080. **(PC 2)**

FISCAL  
IMPACT: Please refer to staff report.

## B. Engineering Contract for Carollo Engineers for Final Design Services for the Coastal Treatment Plant Effluent Flow Meter.....129

ACTION: The Board will be requested to approve the award of contract to Carollo Engineers for the Final Design of Effluent Flow Meter Modifications at a cost of \$49, 605 to be funded from Task 91-C SCADA System Phase II. **(PC 15)**

FISCAL  
IMPACT: Please refer to staff report.

- C. Engineering Contract for Dudek for the Regional Treatment Plant Headworks Upgrade Preliminary Design Project.....134
- ACTION: The Board will be requested to approve the award of contract to approve the award of contract to Dudek for the Regional Treatment Plant Headworks Upgrade Preliminary Design at a cost of \$64,168. **(PC 17)**
- FISCAL
- IMPACT: Please refer to staff report.
- D. Construction Contract for S.S. Mechanical for the Regional Treatment Plant Polymer System Interim Upgrade.....141
- ACTION: The Board will be requested to approve the award of contract to S.S. Mechanical Corp. at a cost of \$227,733. **(PC 17)**
- FISCAL
- IMPACT: Please refer to staff report.
- E. Engineering Contract for CH2MILL for the JB Latham Treatment Plant Advanced Wastewater Treatment Facility Preliminary Design.....145
- ACTION: The Board will be requested to approve the award of contract to CH2MHILL for the preliminary design of the JB Latham Treatment Plan AWT Facility at a cost of \$87,830. **(PC 2)**
- FISCAL
- IMPACT: Please refer to staff report.
- F. Environmental Services Contract for Dudek for the CEQA Documentation Preparation for the JB Latham Treatment Plant Advanced Wastewater Treatment Facility..... 152
- ACTION: The Board will be requested to approve the award of contract to Dudek for the CEQA Documentation Preparation for the J. B. Latham Treatment Plant AWT Facility at a cost of \$69,757. **(PC 2)**
- FISCAL
- IMPACT: Please refer to staff report.
8. OPERATIONS REPORTS
- A. Status Report: Monthly Report on Operations, Pretreatment and Capital Improvement Construction:
1. Operation and Maintenance of the Coastal Treatment Plant (PC 15)..... 158
  2. Operation and Maintenance of the Regional Treatment Plant (PC 17).....160
  3. North Coast Interceptor and Pump Stations (PC 23).....165
  4. Aliso Creek Ocean Outfall Monthly Effluent Discharge (PC 24 – Aliso Creek Ocean Outfall Operations).....166
  5. MRP 2001-08 Monthly Monitoring Report - Receiving Water Surf Zone (PC 24 – Aliso Creek Ocean Outfall Operations).....167

6. MRP 2001-08 Monthly Monitoring Report – Offshore Stations (PC 24 – Aliso Creek Ocean Outfall Operations).....	177
7. April 2006 Rainfall Data.....	178
8. Sewer Overflow Report Log – 2006 Order No. 2001-08 NPDES Permit No. CA0107611 (PC 24 – Aliso Creek Ocean Outfall Operations).....	179
9. Operation and Maintenance of the Jay B. Latham Regional Treatment Plant (PC 2).....	181
10. Jay B. Latham Regional Treatment Facility Monthly Flow & Solids Summary Report (PC 2 Latham Treatment Plant Operations).....	183
11. Operation and Maintenance of the 3-A Treatment Plant (PC 3-A).....	184
12. San Juan Creek Ocean Outfall Monthly Effluent Discharge (PC 5 – San Juan Creek Outfall Operations).....	188
13. MRP 2000-13 Monthly Monitoring Report - Receiving Water Surf Zone (PC 5 – San Juan Creek Ocean Outfall Operations).....	189
14. MRP 2000-13 Monthly Monitoring Report – Off Shore Stations (PC 5 – San Juan Creek Outfall Operations).....	199
15. Sewer Overflow Report Log – 2006 Order No. 2000-13 NPDES Permit No. CA0107417 (PC 5 – San Juan Creek Ocean Outfall Operations).....	200
16. SOCWA Service Area Recycled Water Production (PC 2SO –Water Reclamation).....	202
17. Recycled Water Quality Report (PC 2SO – Water Reclamation).....	203
18. Industrial Water/Pretreatment Monthly Report.....	205
19. Capital Improvement Construction Status Report.....	206

ACTION: The SOCWA Board will be requested to receive and file subject reports.

FISCAL

IMPACT: None.

9. OTHER MATTERS

A. Open discussion or items received too late to be agendized.

NOTE: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted. [Adoption of this action requires a two-thirds vote of the Board, or if less than two thirds are present a unanimous vote.]

10. ADJOURNMENT

NOTES

THE NEXT REGULAR SOCWA BOARD MEETING WILL BE HELD AT  
**8:30 A.M. ON THURSDAY, OCTOBER 5, 2006**  
AT THE SOCWA ADMINISTRATIVE OFFICES LOCATED AT  
34156 DEL OBISPO STREET, DANA POINT, CALIFORNIA 92629