

# NIPOMO COMMUNITY SERVICES DISTRICT

Wednesday, March 21, 2007

9:00 A. M.

## SPECIAL MEETING AGENDA AND NOTICE

### BOARD of DIRECTORS

MICHAEL WINN, PRESIDENT  
LARRY VIERHEILIG, VICE PRESIDENT  
ED EBY, DIRECTOR  
CLIFFORD TROTTER, DIRECTOR  
JAMES HARRISON, DIRECTOR

### PRINCIPAL STAFF

BRUCE BUEL, GENERAL MANAGER  
LISA BOGNUDA, ASSIST. ADMINISTRATOR  
DONNA JOHNSON, BOARD SECRETARY  
JON SEITZ, GENERAL COUNSEL  
DAN MIGLIAZZO, UTILITY SUPERVISOR

### MEETING LOCATION

District Board Room  
148 S. Wilson Street  
Nipomo, California

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**Public Comment will be received on each agenda item**

- A. CALL TO ORDER AND FLAG SALUTE
- B. ROLL CALL
- C. REVIEW DRAFT SOUTHLAND WASTEWATER TREATMENT FACILITY (WWTF) MASTER PLAN; ORDER EDITS TO MASTER PLAN; PROPOSE PROJECT FOR DESIGN AND ENVIRONMENTAL REVIEW; AUTHORIZE REQUEST FOR PROPOSALS (RFP) FOR ENVIRONMENTAL AND ENGINEERING SERVICES; AUTHORIZE STAFF TO SEEK RATE STUDY PROPOSAL; ORDER IMPLEMENTATION OF INITIAL MONITORING RECOMMENDATIONS FROM THE MASTER PLAN; AND DISCUSS FIELD TRIP

ACTION REQUESTED: Review Plan; Order Edits; Propose Project; Authorize RFPs; Order Monitoring; and Discuss Field Trip


- D. CONSIDER DEVELOPMENT OF REQUEST TO REGIONAL WATER QUALITY CONTROL BOARD TO AMEND SOUTHLAND WWTF WASTE DISCHARGE REQUIREMENT (WDR) ORDER INCLUDING EVALUATION OF GROUNDWATER IMPACTS ANALYSIS

ACTION REQUESTED: Authorize Development of Request Including Analysis

\*\*\* End Special Meeting Notice \*\*\*

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TO: BOARD OF DIRECTORS  
FROM: BRUCE BUEL   
DATE: MARCH 13, 2007



## SOUTHLAND WASTEWATER TREATMENT FACILITY MASTER PLAN WORKSHOP

### ITEM

Review Draft Southland Wastewater Treatment Facility (WWTF) Master Plan; Order Edits to Master Plan; Propose Project Concept for Design and Environmental Review; Authorize Request for Proposals (RFP) for Environmental and Engineering Services; Authorize Staff to Seek Rate Study Proposal; Order Implementation of Initial Monitoring Recommendations from the Master Plan; and Discuss Field Trip [Review Plan; Order Edits; Propose Project Concept; Authorize RFPs; Order Monitoring; and Discuss Field Trip]

### BACKGROUND

In 2006, your Honorable Board retained Boyle Engineering to develop a Master Plan for the Southland WWTF. Boyle submitted a Draft Master Plan to the Board in February 2007 and presented the plan at your February 21, 2007 Board Meeting (Copies of Plan previously distributed to the Board and available for review/purchase at the District office). Your Board set this Workshop to discuss adopting and implementing the Draft Master Plan.

At the February 21, 2007 Board Meeting, your Board agreed in concept to a higher level of future growth than Boyle had included in the February version of the Draft Master Plan. Mike Nunley from Boyle will summarize the initial design concept and revisions that would logically result from the higher level of future flows into the WWTF at this Workshop.

In addition, staff has invited representatives from Parkson Corporation to present the Biolac Wave Oxidation System and to answer Board questions regarding their system.

### RECOMMENDATION

Staff recommends that your Honorable Board:

1. Receive the Boyle and Parkson presentations and ask questions;
2. Discuss the Draft Southland Wastewater Treatment Facility (WWTF) Master Plan;
3. Order Edits to Master Plan related to the increased demand projections approved at your February 21, 2007 Workshop and other topics as required (staff will coordinate with Boyle to develop a draft amendment to the agreement for subsequent Board consideration). Staff will present the revised Master Plan at a subsequent Board Meeting for approval;
4. Propose "Project Concept" for Design and Environmental Review. Staff concurs with Boyle's near term "System Improvements" recommendations set forth in Chapter 7 of the Master Plan and with the Treatment Process Upgrade and Discharge recommendations including the Biolac Wave Oxidation System set forth in Chapter 8 of the Master Plan. It should be noted that the increased demand projections will change the timing for the phases and will result in additional treatment ponds in the last phase, however, the overall concept is still valid;



5. Authorize Request for Proposals (RFP) for Environmental Review of the total proposed project and for Engineering Services for Design of the near term System Improvements (Chapter 7), the Phase I Process Improvements (Chapter 8); and the evaluation of percolation capacity/impacts (Chapter 6);
6. Authorize Staff to Seek Rate Study Proposal from the Reed Group regarding the impacts of the project on Town Sewer System User Fees and Capacity Charges and authorize staff to invite David Taussig and Associates to make a presentation to the Board regarding the possibility of using Community Facility District Funding as a substitute for capacity charges;
7. Order Implementation of Initial Monitoring Recommendations set forth in Section 6.5 (Page 48) and Section 7.7 (page 64) of the Master Plan; and
8. Discuss setting a Field Trip to visit the Moorpark WWTF to view Moorpark's Biolac Wave Oxidation System. Moorpark receives visitors on Tuesdays, Wednesdays and Thursdays. In April, the best days for staff for such a tour would be Tuesday 4/10; Thursday 4/12; or Tuesday 4/24.

#### **ATTACHMENTS**

None – PLEASE BRING YOUR COPY OF THE DRAFT MASTER PLAN

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TO: BOARD OF DIRECTORS  
FROM: BRUCE BUEL *BBB*  
DATE: MARCH 13, 2007

**AGENDA ITEM**  
**D**  
**MARCH 21, 2007**

## REQUEST TO RWQCB TO AMEND SOUTHLAND WWTF DISCHARGE ORDER

### ITEM

Consider development of request to Regional Water Quality Control Board (RWQCB) to amend Southland Wastewater Treatment Facility (WWTF) Waste Discharge Requirement (WDR) Order including evaluation of groundwater impacts analysis [Authorize Development of Request Including Analysis].

### BACKGROUND

As documented in the Draft Southland WWTF Master Plan, the projected flows at the WWTF will soon meet or exceed the current discharge limit of .9 mgd. Even with an expedited process to achieve additional capacity, Southland flows may exceed the .9 mgd limit before the upgrades can be completed. Staff's discussions with RWQCB staff indicate that the RWQCB is unlikely to take enforcement action against NCSD for such exceedances as long as NCSD is making reasonable progress in expanding the actual capacity. RWQCB Staff is willing to process an application from the District to update the 1997 WDR based on the Board's approval of a MMTF Master Plan and the capital funding program to implement that Master Plan. RWQCB staff also indicated that they could informally propose the revised Water Quality Standards that they would recommend to their Board in the WDR prior to District certification of the FEIR so that these revised Water Quality Standards could be used in the initial design and the environmental review. Finally, RWQCB staff indicated that they would need NCSD to document the impacts of NCSD's current discharge to the groundwater before they could formulate their proposed Water Quality Standards. Boyle Engineering is developing a proposal to initiate this evaluation and will present that proposal to the Board at the Workshop.

### RECOMMENDATION

Given that the current WDR is ten years old and it is no longer consistent with the current Basin Plan, staff believes that securing an update from the RWQCB would provide a more realistic basis for both the environmental review and the design of the future upgrades. Although there is a risk that requesting the update will expose NCSD to more stringent discharge requirements, it is staff's belief that it is better to know those requirements early in the process rather than reacting to those requirements after the upgrades are designed or built. Staff recommends that the Board agree in concept to applying for an update and consider Boyle's initial proposal for evaluation of NCSD's current discharge.

### ATTACHMENTS

None – Please bring your copy of the Southland WWTF Master Plan to the Meeting.