

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

STAFF REPORT FOR REGULAR MEETING OF May 9, 2008
Revised on March 23, 2008

ITEM NUMBER: 16

SUBJECT: Reissuance of Waste Discharge Requirements, National Pollutant Discharge Elimination System Permit No. CA0048054 for Summerland Sanitary District Wastewater Treatment Facility, Santa Barbara County, Order No. R3-2008-0009

KEY INFORMATION

Discharger:	Summerland Sanitary District
Facility Name:	Summerland Sanitary District Wastewater Treatment Facility
Facility Address:	2435 Wallace Avenue Summerland, CA 93067 Santa Barbara County
Type of Waste:	Domestic wastewater
Treatment:	Facility effluent is treated to tertiary treatment standards.
Disposal:	To Santa Barbara Channel, Pacific Ocean
Facility Design Flow:	Average dry weather flow of 0.3 million gallons per day (MGD)
Facility Permitted Flow:	Average monthly dry weather flow of 0.3 MGD
Existing Order:	Waste Discharge Requirements Order No. R3-2003-0012, National Pollutant Discharge Elimination System (NPDES) Permit No. CA0048054
Recycling Requirements:	Title 22 requirements once Discharger begins reuse.
This Action:	Reissue NPDES Permit

SUMMARY

The proposed Order is presented in the statewide format for National Pollutant Discharge Elimination System (NPDES) permits. This standardized format presents the proposed Order with all supporting information appended as associated attachments. This format was developed through a statewide effort between the State Board, Regional Boards, and U.S. Environmental Protection Agency (EPA) to standardize NPDES permitting and compliance evaluation. The facility information and permit

evaluation discussion normally contained within the staff report are presented in the Fact Sheet, which is Attachment F to the proposed Order.

This staff report provides some general information regarding proposed changes in the permit, with reference to the Fact Sheet for additional detail. The Order, Monitoring and Reporting Program, and Fact Sheet each include a table of contents.

Discharger. The Summerland Sanitary District (District) owns and operates a sanitary sewer system and wastewater treatment and disposal facility.

Facility. The District's facility is designed to treat an average dry weather flow of 0.3 million gallons per day (MGD) to tertiary treatment standards. Wastewater treatment and handling includes primary clarification, aerated activated sludge tanks, secondary clarification, chlorination, tertiary sand filtration, and dechlorination. Biosolids are managed via aerobic digestion, dewatered by belt press, dried, and hauled off-site.

Discharge and Receiving Water. Treated wastewater is discharged through a 740-foot outfall/diffuser system to the Santa Barbara Channel, Pacific Ocean. The minimum initial dilution ration of seawater to effluent is 60:1.

PURPOSE OF THE ORDER

The purpose of the proposed Order No. R3-2008-0009, is to update and reissue NPDES permit Order No. R3-2003-0012, NPDES Permit No. CA0048054.

The existing permit expires on March 21, 2008. However, staff provided the District an administrative extension on November 8, 2007. The administrative extension was provided because the March 2008 Central Coast Water Board Meeting was held in Salinas. Staff proposed to move the permit reissuance date to the May 9, 2008 Board meeting in order to minimize traveling requirements for the District.

CHANGES WITHIN THE PROPOSED ORDER

Changes in proposed Order No. R3-2008-009 from the existing Order No. R3-2003-0012 are summarized below. Typographical errors and minor changes that do not alter the intent of the Order are not discussed below. For a complete discussion of the rationale for these changes, refer to the Fact Sheet portion of the permit (Attachment F).

Statewide NPDES Permit Template: Staff used to current statewide NPDES Permit template to develop the proposed Order. Although the permit format has changed, major permit elements have been retained.

Collection System General Waste Discharge Requirements Finding: Staff included a discussion of the District's statewide collection system General Waste Discharge Requirements enrollment (Section II.V. of the Order).

Reclamation Specifications: Staff understands that the District will be reclaiming tertiary treated effluent for irrigation purposes. Staff included language addressing reclamation standards, specifically, California Code Regulations, Title 22 requirements (Section IV.B. of the Order).

Receiving Water Limitations: Staff updated language addressing receiving water limitations in the order to be consistent with the 2005 Ocean Plan (Section V.A. of the Order).

Reclamation Monitoring: Staff included monitoring requirements for reclaimed water use in anticipation for the Discharges use of tertiary treated water for irrigation (Section VII of the MRP).

CHANGES IN RESPONSE TO WRITTEN COMMENTS

The Summerland Sanitary District submitted written comments on March 13, 2008. Prior to the submittal of the written comments, a conference call between Central Coast Water Board staff and the District was conducted on March 13, 2008. The purpose of the conference call was to provide further clarification and guidance on the proposed Order.

Comment 1: Sample Requirements Schedule – The District requested that staff modify the sampling schedule for BOD5, TSS, turbidity, and temperature, due to economic hardship, logistics, and practicality.

As a result, staff reviewed historical data in order to identify seasonal, weekly fluctuations in concentrations and flow. Upon review, staff determined that there was very little weekly variation and that the District request for weekly sampling would be representative of the facility's treatment characteristics. Therefore, staff changed the sampling schedule for BOD5, TSS, turbidity, and temperature to weekly sampling.

Comment 2: Annual Report Summary – The District requested that staff change the submittal date for Annual Report Summary from February 28th to March 1st of each year.

Staff believes the District's request will not pose a significant issue. Staff modified the Annual Summary report due dates to March 1st of each year.

Comment 3: Self-Monitoring Report Due Dates – The District requested that the due dates for monthly self-monitoring reports be consistent with other NPDES permits within the Central Coast Region. Currently, the District must submit self-monitoring report the 20th day of each calendar month following the sampling month.

Staff concurs and has made the appropriate changes to the permit. Due dates for monthly self-monitoring report are the first day of the second calendar month following

the sampling month. Staff believes that change is consistent with other NPDES permits in the region. Furthermore, the change poses a less than significant issue.

Details of comments, staff's responses, and minor changes made to the attached draft of the tentative Order are shown in the Fact Sheet, beginning on page F-26.

RECOMMENDATION

Adopt Order R3-2008-0009 as proposed.

ATTACHMENTS

1. Proposed Order No. R3-2008-0009 and the following associated attachments:
 - Attachment A – Definitions
 - Attachment B – Site Map
 - Attachment C – Flow Schematic
 - Attachment D – Standard Provisions
 - Attachment E – Monitoring and Reporting Program (MRP) No. R3-2006-0084
 - Attachment F – Fact Sheet
 - Attachment G – Self-Monitoring Report Cover / Transmittal Form

2. Letter dated March 13, 2008, from Summerland Sanitary District to the Central Coast Water Board.