

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF DECEMBER 9, 2010
Prepared on November 3, 2010

ITEM NUMBER: 13

SUBJECT: Revision of Waste Discharge Requirements, Modification to National Pollutant Discharge Elimination System Permit No. CA0048194 for the City of Santa Cruz Wastewater Treatment Plant, Santa Cruz County, Order No. R3-2010-0043

KEY INFORMATION

Location: 110 California Street, Santa Cruz, California
Type of Discharge: Treated municipal wastewater and stormwater
Permitted Flow: 17 million gallons per day (mgd; dry weather flow design capacity)
Average Flow: 8.1 mgd
Type of Treatment: Secondary via trickling filters and solids contact stabilization
Disposal Method: Pacific Ocean discharge
Solid Wastes: Disposed of in San Joaquin Valley
Existing Orders: Waste Discharge Requirements Order No. R3-2005-0003
Reclamation: None
This Action: Adopt Order No. R3-2010-0043

SUMMARY

The City of Santa Cruz (Discharger) owns and operates a municipal wastewater treatment plant and discharges the treated wastewater and stormwater into the Pacific Ocean. Staff recommends the Central Coast Water Board adopt the proposed Order.

CHANGES FROM THE EXISTING ORDER

The draft Order is structured in accordance with the statewide NPDES permit template. Central Coast Water Board staff revised the draft Order to include the correct total organic carbon (TOC) to biological oxygen demand (BOC) correlation formula and require the discharge to achieve an 85% BOD monthly reduction. Otherwise, the proposed Order's waste discharge requirements are unchanged from the existing Order.

COMMENTS

One comment letter from USEPA Region IX was received on October 21, 2010. Based on USEPA staff's comments, the proposed Order was revised to address their comments. USEPA's comments and the Central Coast Water Board's public participation process are described in detail in the proposed Order, Appendix F.

ATTACHMENT

1. Proposed Order No. R3-2010-0043, including the following attachments:
 - Attachment A – Definitions
 - Attachment B – Topographic Map
 - Attachment C – Flow Schematic
 - Attachment D – Standard Provisions
 - Attachment E – Monitoring and Reporting Program (MRP)
 - Attachment F – Fact Sheet

S:\NPDES\NPDES Facilities\Santa Cruz Co\City of Santa Cruz WWTP\NPDES Permit No. R3-2010-0043\R3-2010-0043 Staff rpt.doc