

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

STAFF REPORT FOR REGULAR MEETING OF DECEMBER 5-6, 2012

Prepared on October 18, 2012

ITEM NUMBER: 9

SUBJECT: Revision of Waste Discharge Requirements, Reissuance of National Pollutant Discharge Elimination System Permit No. CA0047899 for Montecito Sanitary District, Santa Barbara County, Order No. R3-2012-0016

STAFF CONTACT: Peter von Langen 805/549-3688 or pvonlangen@waterboards.ca.gov

KEY INFORMATION

Location: 1042 Monte Cristo Lane, Santa Barbara
Type of Discharge: Treated domestic wastewater
Permitted Flow: 1.5 million gallons per day (MGD; dry weather flow design capacity)
Average Flow: 0.9 MGD in 2011
Type of Treatment: Activated sludge basins, secondary clarification, chlorination and dechlorination
Disposal Method: Pacific Ocean discharge through a 1,500-foot long outfall/diffuser system
Solid Wastes: Offsite disposal of biosolids to composting facility
Existing Orders: Waste Discharge Requirements Order No. R3-2006-0084
This Action: Adopt Order No. R3-2012-0016

DISCUSSION

Montecito Sanitary District (Discharger) owns and operates a wastewater collection and treatment system. The Discharger disposes of its treated wastewater to the Pacific Ocean through an outfall-diffuser system originating at the Montecito Sanitary District wastewater treatment plant.

CHANGES FROM THE EXISTING ORDER

The proposed Order is structured in accordance with the statewide NPDES permit template. The proposed Order is consistent with the previous Order with the exception of the following substantive changes/modifications:

- The draft permit was changed to reflect that chlorinated phenolics and non-chlorinated phenolics should be collected by 24-hour composite sampling rather than by grab sampling and cyanide may be collected as a grab sample.
- Obsolete or unnecessary analyses (total and fecal bacteria and Biochemical Oxygen Demand (BOD) in sediments) were removed so that it is more consistent with the permits of other Southern California Bight dischargers.
- Allows use of the silverside minnow for both chronic and acute toxicity testing.

- More stringent effluent limitations have been established for 30-day average mass emission rate limitations (bis(2-chloroethyl) ether and chlordane), for 30-day concentration based limitations (aldrin and tributyltin) and for 6-month median, daily maximum, and instantaneous maximum mass emission rate limitations (endosulfan). Further, new effluent limitations for oil and grease, settleable solids, and turbidity have been established in this Order as described in section IV.C.4, of this Fact Sheet.
- Effluent limitations for total recoverable copper, total recoverable lead, total recoverable nickel, total recoverable zinc, ammonia, chronic toxicity, bis(2-ethylhexyl)phthalate, chlorodibromomethane, chloroform, dichlorobromomethane, and halomethanes have been removed based on the results of the reasonable potential analysis.
- Because no reasonable potential (Endpoint 2) was conclusively determined for total ammonia nitrogen, bis(2-ethylhexyl) phthalate, bromodichloromethane, chlorodibromomethane, chloroform, total recoverable copper, halomethanes, total recoverable lead, total recoverable nickel, and total recoverable zinc, the monitoring frequency for these parameters has been reduced to once per permit term.
- Monitoring for daily flow has not been retained. Monitoring for total daily flow volume has been substituted in its place.
- Modified the Standard Provisions to add provisions B.11 and B.12 regarding standards for maintenance of mechanical and electrical systems and other editorial and reporting changes.

COMMENTS

Central Coast Water Board staff received comments from the Montecito Sanitary District on August 15, 2012. Comments and staff responses are contained within Section VIII.B. of the Fact Sheet (Attachment F) starting on page F-39.

RECOMMENDATION

Adopt Order R3-2012-0016, as proposed.

ATTACHMENT

For copies, please refer to the Central Coast Water Board's internet website at:

http://www.waterboards.ca.gov/centralcoast/board_info/agendas/2012/2012_agendas.shtml

1. Proposed Order No. R3-2012-0016, including the following associated attachments:

Attachment A – Definitions

Attachment B – Facility Map

Attachment C – Process Flow Diagram

Attachment D – Standard Provisions

Attachment E – Monitoring and Reporting Program (MRP) No. R3-2012-0016

Attachment F – Fact Sheet