

State of California
Regional Water Quality Control Board
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT
February 8, 2012

ITEM: 7

SUBJECT: Master Reclamation Permit Revision: City of San Clemente Water Reclamation Plant, Modifications to Order No. R9-2003-0123 (Tentative Order No. R9-2012-0026) (Fisayo Osibodu).

PURPOSE: To consider adopting tentative Order No. R9-2012-0026 which will modify Order No. R9-2003-0123, *Master Reclamation Permit for the Production and Purveyance of Recycled Water, City of San Clemente Water Reclamation Plant, Orange County.*

RECOMMENDATION: Adoption of Tentative Order No. R9-2012-0026 is recommended.

KEY ISSUES: The tentative Order will allow for increased use of recycled water by the City of San Clemente (City) within its service area, from expansion of the City of San Clemente Water Reclamation Plant (WRP) and the City's recycled water distribution facilities. New recycled use sites added as a result of the expansion will be located in the San Clemente Hydrologic Area (HA), which is an HA covered by Order No. R9-2003-0123.

DISCUSSION: Order No. R9-2003-0123 prescribes requirements for the discharge of up to 2.2 million gallons per day (MGD) of tertiary treated recycled water from the San Clemente WRP. The location of the San Clemente WRP service area is shown on Supporting Document No. 3. Recycled water produced from the San Clemente WRP is used to irrigate the Bella Collina Towne & Golf Club (formerly Pacific Golf Course), the City of San Clemente Municipal Golf Course, and landscaping within the San Clemente WRP premises. All of the use sites are located within the City.

The San Clemente WRP has a secondary treatment capacity of 6.976 MGD and a tertiary treatment capacity of 2.2 MGD. The City is proposing to expand the tertiary

treatment facilities at the San Clemente WRP from 2.2 to 5.0 MGD. To accommodate the proposed expansion, the tentative Order will increase the monthly average flow limit specified in Order No. R9-2003-0123 for the discharge from the San Clemente WRP from 2.2 to 5.0 MGD. The tertiary treatment facilities will be expanded by adding new flocculation basins, adding new filtration and chlorine disinfection equipment, updating existing pumps, and making minor modifications to electronic monitoring systems. The expansion project will also include construction of a new storage reservoir and installation of about 48,700 feet of new recycled water pipelines throughout the City.

In addition to increasing the average flow limit for the discharge from the San Clemente WRP, the tentative Order requires the City to participate in the development of a salt and nutrient management plan for the San Juan Creek groundwater basin, and submit a workplan within 180 days identifying proposed tasks and measures the City will implement as a stakeholder participating in development of a salt and nutrient management plan. Salt and nutrient management planning is a requirement of the State Recycled Water Policy and is envisioned to be a stakeholder led process. The San Juan Creek groundwater basin is a priority basin for development of salt and nutrient management plans because it is a large groundwater basin with significant existing and proposed municipal use.

For reference, a complete copy of Order No. R9-2003-0123 as amended by the tentative Order showing all proposed changes in underline/strikeout format is included as Supporting Document No. 4. To date no comments have been received on the tentative Order.

LEGAL CONCERNS:

None.

SUPPORTING DOCUMENTS:

1. Notification Letter
2. Tentative Order No. R9-2012-0026
3. Map Showing City of San Clemente Water Reclamation Plant Service Area.
4. Order No. R9-2003-0123 as amended by Order No. R9-2012-0026 showing all proposed changes in underline/strikeout text.

SIGNIFICANT CHANGES:

1. The tentative Order increases the average flow limit specified in Order No. R9-2003-0123 for the

discharge of recycled water from the San Clemente WRP from 2.2 to 5.0 MGD.

2. The tentative Order would require the City to participate in the development of a salt and nutrient management plan for the San Juan Creek groundwater basin.

**COMPLIANCE
RECORD:**

Nine violations of daily effluent limitations for coliform bacteria and pH specified in Order No. R9-2003-0123 were identified in monitoring reports submitted by the City in April and May 2010. The City has since taken steps to correct the violations, and no violations of Order No. R9-2003-0123 have occurred since June 2010.

PUBLIC NOTICE:

Notification of this action was sent to known interested parties by mail on December 13, 2011 (Supporting Document No. 1). Tentative Order No. R9-2012-0026 (tentative Order) (Supporting Document No. 2) was also posted on the San Diego Water Board website on the same day. These actions satisfy the public notification requirements of California Water Code, Division 7, section 13167.5 for a 30-day notice.

The tentative Order was initially made available in 2011 and has been assigned a new 2012 Order number to reflect that the tentative Order is being considered for adoption in 2012.

Supporting Document No.1 Notification Letter

Supporting Document No. 2
Tentative Order No. R9-2012-0026

Supporting Document No. 3
Map Showing City of San Clemente Water
Reclamation Plant Service Area

Supporting Document No.4
Order No. R9-2003-0123 as Amended by
Order No. R9-2012-0026