

State of California
Regional Water Quality Control Board
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT
March 14, 2012

ITEM: 5

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 (San Clemente 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 the City's Master Reclamation Permit, 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. 6. 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.

Written comments on the tentative Order were received from the City (Supporting Document No. 3), and written responses to these comments have been included in the agenda package (Supporting Document No. 4). The City requested in its comments that it should not be required by the tentative Order to participate in developing a salt and nutrient management plan for the San Juan Groundwater Basin since none of its recycled water use sites are located in that basin. The San Diego Water Board concurs that none of the City's use sites are located within the San Juan Groundwater Basin, and as a result these requirements have been deleted from the tentative Order. Changes made to the tentative Order as a result of the City's comments are shown in the errata sheet (Supporting Document No. 5). 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. 7.

LEGAL CONCERNS:

None.

SUPPORTING DOCUMENTS:

1. Notification Letter
2. Tentative Order No. R9-2012-0026
3. Written Comments from the City of San Clemente
4. San Diego Water Board Response to Comments
5. Errata Sheet for Tentative Order No. R9-2012-0026
6. Map Showing City of San Clemente Water Reclamation Plant Service Area.
7. Order No. R9-2003-0123 as amended by Order No. R9-2012-0026 showing all proposed changes in underline/strikeout text.

**SIGNIFICANT
CHANGES:**

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.

**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
Written Comments from the City of San
Clemente

Supporting Document No.4
San Diego Water Board Response to
Comments

Supporting Document No.5
Errata Sheet for Tentative Order No.
R9-2012-0026

**Supporting Document No. 6
Map Showing City of San Clemente Water
Reclamation Plant Service Area.**

Supporting Document No. 7
Order No. R9-2003-0123 as amended by
Order No.R9-2012-0026