

State of California  
Regional Water Quality Control Board  
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT  
November 12, 2008

ITEM: 6

SUBJECT: Modification of Waste Discharge Requirements: South Orange County wastewater Authority, Recycled Water Project, Orange County, A modification to regulate the discharge from the Horno Urban Water Recovery Facility (tentative Addendum No. 4 to Order No. 97-52),

PURPOSE: To consider adoption of Addendum No. 4, to add monitoring and reporting requirements to Order No. 97-52 for the discharge of urban runoff from the Horno Urban Water Recovery Facility to landscape irrigation areas within the Santa Margarita Water District's boundaries.

PUBLIC NOTICE: Notification of this action was posted on the Regional Board web page on September 23, 2008. This notification satisfies the requirements of California Water Code, Division 7 section 13167.5 for a 30-day notice. This Discharger was provided a copy of the tentative addendum and notified of the Regional Board's intent to consider this matter by letter dated September 22, 2008.

DISCUSSION: South Orange County Water Authority, on behalf of one of its member agencies, the Santa Margarita Water District, has requested a modification of waste discharge requirements to add the Horno Urban Water Recovery Facility to Order No. 97-52. The Horno Urban Water Runoff Facility was designed to divert urban flows through seven-acres of constructed wetlands and to collect the water in the Horno Water Quality Basin. The water is then blended with recycled water from the Santa Margarita Water District's Horno Pump Station, and distributed for landscape irrigation in the Ladera Ranch planned community. The diverted runoff water will provide approximately 180 acre-feet of supplemental water during dry weather months.

Addendum No. 4 will add the appropriate monitoring and reporting requirements to verify that the discharge of blended urban runoff / recycled water complies with the existing discharge specifications contained in Order No 97-52.

On September 22, 2008 Tentative Addendum No. 4 to Order No. 97-52 was mailed to the Discharger. To date, no comments have been received regarding this item.

COMPLIANCE  
RECORD:

The discharge of recycled water from the Santa Margarita Water District's Chiquita Water Reclamation Plant has exceeded the discharge specifications for various constituents intermittently over the past five years.

SIGNIFICANT  
CHANGES:

Tentative Addendum No. 4 adds sampling and monitoring requirements for diversion water either prior to, or after mixing with, recycled water from the Horno Pump Station, to ensure that discharge specifications are not exceeded.

KEY ISSUES:

None

LEGAL CONCERNS:

None.

SUPPORTING  
DOCUMENTS:

1. Location Map
2. Tentative Addendum No. 4 to Order No. 97-52

RECOMMENDATIONS:

Regional Board staff recommends adoption of tentative Addendum No. 4 to Order No. 97-52.