

SUPPLEMENTAL EXECUTIVE OFFICER SUMMARY REPORT  
November 12, 2008

- ITEM: 16
- SUBJECT: Master Reclamation Permit with Waste Discharge Requirements for the United States Marine Corps: Discharges of Reclaimed Water for Landscape Irrigation at Marine Corps Base Camp Pendleton, California (Tentative Order No. R9-2008-0089). (Robert Pierce)
- PURPOSE: The Regional Board will consider adoption of a Master Reclamation Permit for the discharge of tertiary treated water for landscape irrigation.
- PUBLIC NOTICE: A public notice of the tentative Order was published in the San Diego Union-Tribune on July 26, 2008. The tentative Order was posted on the Regional Board web site on August 11, 2008. Selected federal, state and local agencies as well as the USMC were notified of the tentative Order and opportunity to comment in letters or emails sent August 13, 2008. The public hearing for the tentative Order was postponed from the September 10, 2008 Board Meeting.
- DISCUSSION: The USMC requested an increase in the total dissolved solids discharge specification from 1,200 mg/L to 1,300 mg/L. The USMC request is based on a draft State Board policy, which currently includes an incremental increase in TDS concentration that most recycled water agencies can currently meet. The requested change was not made because a factor of safety is needed for the assumptions used to determine the specification. The tentative Order limits the TDS discharge specification to provide a protective factor of safety based on established existing capabilities of the Southern Regional Tertiary Treatment Plant. Irrigation with tertiary treated wastewater (recycled water) will be limited to landscape irrigation at specific locations at Camp Pendleton, including a golf course, horse pasture, parade grounds, and Oceanside (Front) Gate. The discharge specifications for TDS (1,200 mg/L) will exceed the water quality objective for the Front Gate discharge area, however, the applied water is not

expected to percolate to groundwater. After five years (November 2013) the discharge specification for TDS will change to 800 mg/L that can be met pending the addition of the planned treatment (reverse osmosis) system.

KEY ISSUES: None.

LEGAL CONCERNS: None.

SUPPORTING DOCUMENTS: 10. USMC Comments on TDS discharge specification  
11. Chart comparing USMC request to treatment plant effluent TDS data

Referenced Reports and CEQA documents are online at [http://www.waterboards.ca.gov/sandiego/board\\_decisions/tentative\\_orders/](http://www.waterboards.ca.gov/sandiego/board_decisions/tentative_orders/)

RECOMMENDATION(S): The Regional Board staff recommends adoption of Tentative Order No. R9-2008-0089 with errata.