

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION
AND
U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION IX**

9174 Sky Park Court, Suite 100
(858) 467-2952 • Fax (858) 571-6972
<http://www.waterboards.ca.gov/sandiego>

**ADDENDUM NO. 2 TO ORDER NO. R9-2002-0025
NPDES NO. CA0107409**

**AMENDMENT TO THE FACT SHEET AND MONITORING AND REPORTING PROGRAM
FOR THE CITY OF SAN DIEGO E. W. BLOM POINT LOMA METROPOLITAN
WASTEWATER TREATMENT PLANT TO ALLOW FOR DISINFECTION OF
TREATED WASTEWATER DISCHARGE TO THE PACIFIC OCEAN
THROUGH THE POINT LOMA OCEAN OUTFALL
SAN DIEGO COUNTY**

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. On April 10, 2002, this Regional Board adopted Order No. R9-2002-0025, Waste Discharge Requirements and National Pollutant Discharge Elimination System (NPDES) Permit for the City of San Diego E. W. Blom Point Loma Metropolitan Wastewater Treatment Plant (PLMWTP), NPDES Permit No. CA0107409. The United States Environmental Protection Agency (USEPA) issued its final approval of the joint permit on September 13, 2002. Order No. R9-2002-0025 establishes waste discharge requirements for the discharge of up to 240 million gallons per day (MGD) of treated wastewater to the Pacific Ocean via the Point Loma Ocean Outfall (PLOO).
2. Addendum No. 1 to Order No. R9-2002-0025 was adopted by the Regional Board on June 11, 2003 and USEPA issued its final approval of the addendum on June 25, 2003. Addendum No. 1 supersedes and entirely replaces the monitoring and reporting requirements previously established by Order No. R9-2002-0025, NPDES Permit No. CA0107409.
3. By letter dated November 13, 2007, the City of San Diego requested Regional Board approval to initiate operation of a prototype effluent disinfection system at the PLMWTP. Sodium hypochlorite solution, used for disinfection, will be applied as determined by the City of San Diego at a feed point immediately downstream of the sedimentation tanks. The request was made because of a recent interpretation by USEPA that bacterial water quality objectives in the San Diego Region apply surface to bottom up to three nautical miles from shore. USEPA's interpretation of the applicability of bacterial objectives will be incorporated into the requirements of the current NPDES permit for the Point Loma Ocean

Outfall discharge by this Addendum. The City of San Diego proposes to demonstrate compliance with bacterial objectives at all points surface to bottom within 3 nautical miles from shore in the San Diego Region.

4. The potential exists for organic compounds in treated wastewater to become halogenated after chlorine is added, resulting in chlorination byproducts. Effluent concentration limits for chlorination byproducts and total chlorine residual are established in Order No. R9-2002-0025.
5. The 2005 California Ocean Plan's definition of the zone where bacterial objectives apply includes areas used for water contact sports, as determined by the Regional Board (i.e., waters designated as REC-1 for contact water recreation). USEPA maintains that based on the Water Quality Control Plan for the San Diego Basin 9 (Basin Plan) definitions for REC-1 beneficial use and for Ocean Waters, REC-1 beneficial use must be protected throughout State of California territorial marine waters in the San Diego Region, which extend out to three nautical miles from shore.
6. The permit modification established by this Addendum is authorized pursuant to Section G.1.f (40 CFR 122.62 *Modification or revocation of permits*) and Section G.3 (*Termination or modification of permit*) of Order No. R9-2002-0025.
7. The Regional Board has notified all known interested parties of its intent to modify Order No. R9-2002-0025.
8. The Regional Board in a public hearing on August 13, 2008 heard and considered all comments pertaining to the modification of Order No. R9-2002-0025.
9. Except as contradicted or superseded by the findings and directives set forth in this addendum (Addendum No. 2), all of the previous findings and directives of Order No. R9-2002-0025 and addendum remain in full force and effect.
10. The issuance of this addendum is exempt from the requirement of preparation of environmental documents under the California Environmental Quality Act [Public Resources Code, Division 13, Chapter 3, Section 21000 et seq.] in accordance with Section 13389 of the California Water Code.

IT IS HEREBY ORDERED THAT Order No. R9-2002-0025 shall be modified as follows:

1. Section F.15.a of the Fact Sheet shall contain the following additional text:

Toxicity re-screening shall also be performed upon initiation of chlorination.

