

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

**ADDENDUM No. 2 TO ORDER No. R9-2003-0155
NPDES PERMIT No. CA0109347**

**UNITED STATES MARINE CORPS BASE
CAMP PENDLETON
SOUTHERN REGION TERTIARY TREATMENT PLANT
SAN DIEGO COUNTY**

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

1. Order No. R9-2003-0155 (NPDES Permit No. CA0109347) prescribes waste discharge requirements for the United States Marine Corps Base Camp Pendleton (hereinafter USMCB CP, Base, or discharger) to discharge a maximum of 3.6 Million Gallons per Day (MGD) of secondary treated effluent from Sewage Treatment Plant (STP) Nos. 1, 2, 3, & 13, to the Pacific Ocean, via the City of Oceanside's Oceanside Ocean Outfall (OOO).
2. The discharger submitted a Report of Waste Discharge dated April 25, 2006 notifying this Regional Board that the new Southern Region Tertiary Treatment Plant (SRTTP) has been constructed on the Base, which will replace STP Nos. 1, 2, 3, & 13. The replacement will occur by decommissioning STP-13, and constructing conveyance lines from the other three STPs, which subsequently will be converted to pump stations. The project is expected to be completed by September 2008.
3. The SRTTP, designed to treat up to 5.0 million gallons per day (MGD) of wastewater with an operating capacity of 3.75 MGD, consists of influent pump station/headworks, grit removal facilities, sequencing batch reactors, disinfection contact basins, disk filters, belt filter presses, and gravity belt thickeners, aerobic digesters, equalization basins, biofilters, and chemical storage and handling facilities, and a reclaimed water pump station. Attachment No. 1 to this Addendum contains a Process Flow Diagram of SRTTP.
4. Prior to completion of the project, the tertiary treated water from the SRTTP will combine with the secondary treated effluents from STP Nos. 1, 2, & 3 at the Lemon Grove Pump Station, from where it will be discharged to the OOO. After completion of the project, all wastewater from Pump Stations located at the sites of STP Nos. 1, 2 & 3 will be conveyed to the SRTTP for treatment and discharge to either the OOO or the reclaimed water distribution system. The total volume of discharge to the OOO will not exceed the upper limit of 3.6 MGD.
5. The SRTTP is located at 33° 15' 57"N, 117° 23' 33"W. near the intersection of Vandegrift Blvd. and Stuart Mesa Road within Marine Corps Base Camp Pendleton.
6. The existing discharge specifications contained in Order No. R9-2003-0155 are appropriate for the proposed discharge from SRTTP to the OOO.
7. This action to adopt an addendum to a NPDES permit is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Chapter 3, Division 13 commencing with Section 21100) in accordance with Section 13389 of the CWC.

8. The Regional Water Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written comments and recommendations.
9. The Regional Water Board, in a public meeting, heard and considered all comments pertaining to the discharge.

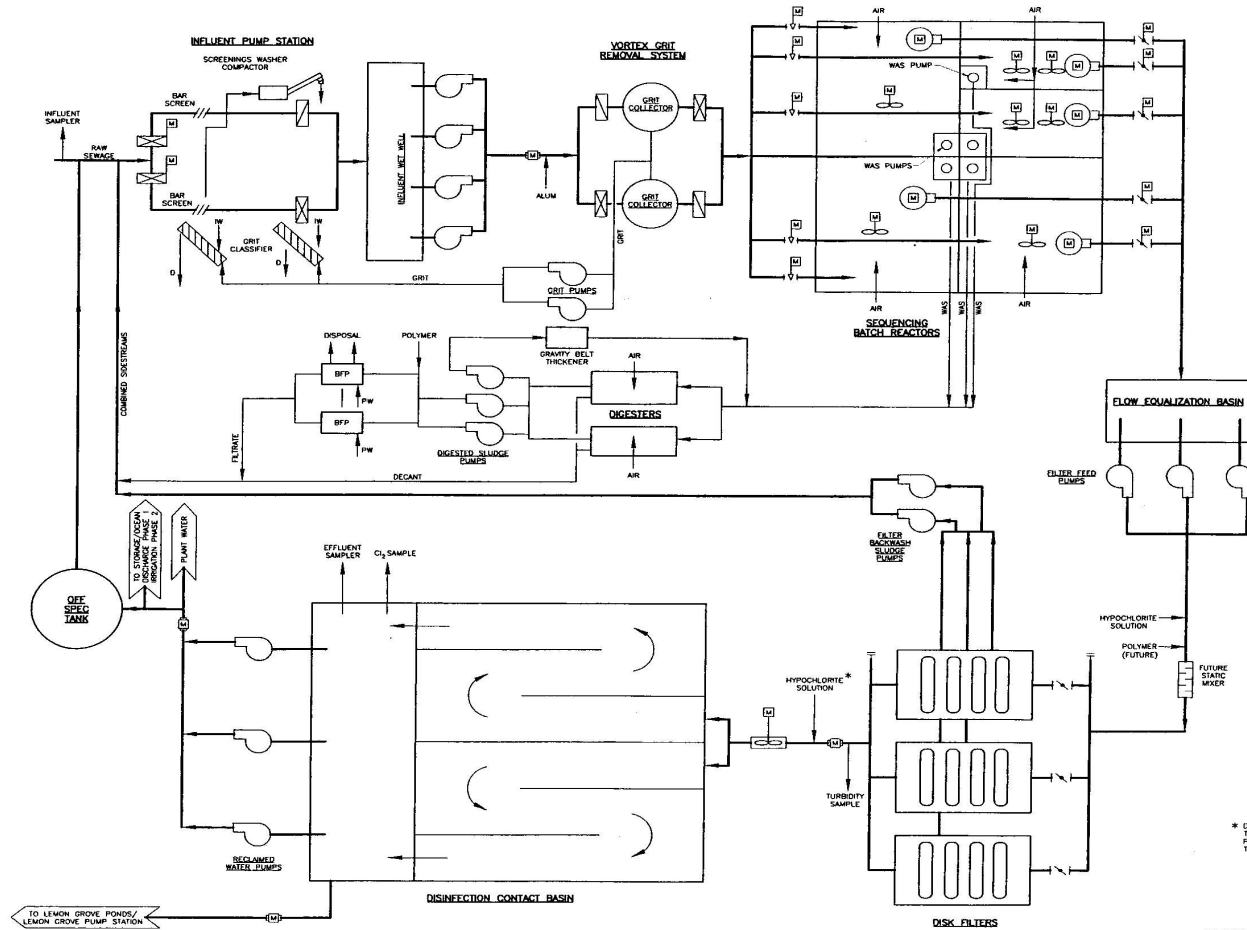
IT IS HEREBY ORDERED, that United States Marine Corps Base, Camp Pendleton (hereinafter discharger) shall comply with all requirements specified by Order No. R9-2003-0155 for the treatment and disposal of wastewater at the Southern Region Tertiary Treatment Plant (SRTTP) to the Oceanside Ocean Outfall. In addition, prior to initiation of the discharge, the discharger shall submit a technical report containing a requirement-by-requirement analysis based on acceptable engineering practices, of how the process and physical designs of the facilities will result in compliance with the Discharge Specifications prescribed in Section B of the Order. The report shall be prepared and signed by civil engineer, licensed in the State of California. The discharge to the Oceanside Ocean Outfall from SRTTP shall not be initiated until:

1. The certification report is received and reviewed by the Regional Board.
2. The Regional Board has conducted an inspection of the facilities.
3. The Regional Board notifies the discharger by letter that the discharge can be initiated.

I, John Robertus, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of Addendum No.2 to Order No. R9-2003-0155 adopted by the California Regional Water Quality Control Board, San Diego Region on August 16, 2006.



JOHN H. ROBERTUS
Executive Officer



* DURING PHASE 1 OPERATION (NO RECYCLE FROM SRTTP) THE EFFLUENT WILL BE DISCHARGED TO THE LEMON GROVE PONDS AND THEN TO THE OCEANSIDE OCEAN OUTFALL. THEREFORE NO CHLORINATION WILL OCCUR.

Figure No. 5
SRTTP PROCESS FLOW DIAGRAM

CDM

Attachment No 1 Process Flow Diagram