

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

DRAFT TECHNICAL REPORT

**PROPOSED RESCISSION OF ORDER NO. 95-109
TENTATIVE ORDER NO. R9-2007-003**

FOR

UNITED STATES MARINE CORPS

IN COMPLIANCE WITH THE
CALIFORNIA WATER CODE SECTION 13263

CLASS II WASTE MANAGEMENT FACILITY
MARINE CORPS BASE CAMP PENDLETON
SAN DIEGO COUNTY

JANUARY 24, 2007

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

9174 Sky Park Court, Suite 100, San Diego, California 92123-4340

Phone · (858) 467-2952 · Fax (858) 571-6972

<http://www.waterboards.ca.gov/sandiego>.

To request copies of Tentative Order No. R9-2007-003, for United States Marine Corps, Bioremediation Facility, Camp Pendleton, please contact Mrs. Amy Grove, Engineering Geologist, at (858) 637-7136, agrove@waterboards.ca.gov.

Documents are also available at: <http://www.waterboards.ca.gov/sandiego>.

TENTATIVE ORDER NO. R9-2007-003
FOR
UNITED STATES MARINE CORPS
BIOREMEDIATION FACILITY, CAMP PENDLETON, CA

Draft Technical Report

Adopted by the
California Regional Water Quality Control Board
San Diego Region
On January 24, 2007

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION
9174 Sky Park Court, Suite 100
San Diego, California 92123-4340
Telephone (858) 467-2952

STATE OF CALIFORNIA

ARNOLD SCHWARZENEGGER, Governor
LINDA S. ADAMS, Agency Secretary, California Environmental Protection Agency

**California Regional Water Quality Control Board
San Diego Region**

Vacant	Water Quality
Jennifer Kraus, <i>Acting Chair</i>	Industrial Water Use
Vacant	Recreation, Fish or Wildlife
Vacant	Public
Richard Wright	County Government
Alan Barrett	Water Supply
Susan Ritshel	Municipal Government
Daniel Johnson	Water Quality
Eric Anderson	Irrigated Agriculture

John H. Robertus, *Executive Officer*
Arthur L. Coe, *Assistant Executive Officer*

This report was prepared under the direction of

David T. Barker P.E., *Chief, Water Resource Protection Branch*
John R. Odermatt, P.G., *Senior Engineering Geologist*

By

Amy L. Grove, *Engineering Geologist*

1. INTRODUCTION

This Technical Report provides the rationale and factual information supporting the findings and directives of Tentative Order No. R9-2007-003.

2. BASIS FOR FINDINGS AND DIRECTIVES

This Section provides the rationale and factual information supporting the findings of Order No. R9-2007-003. The text of each finding is presented first, followed by a summary of the rationale and factual evidence supporting the finding.

A. FINDING NO. 1 STATES:

On October 12, 1995, the Regional Board adopted Order No. 95-109 establishing Waste Discharge Requirements and a Monitoring and Reporting Program for the storage and treatment of petroleum hydrocarbon contaminated soils at a Class II waste management facility/unit ("Unit") located in Area 33 of Marine Corps Base Camp Pendleton, San Diego County.

BASIS FOR FINDING NO. 1

The Class II waste management facility is owned and operated by the United States Marine Corps. The United States Marine Corps (USMC) has operated the facility since 1995, treating hydrocarbon-contaminated soils generated during corrective actions at contaminated sites located at Marine Corps Base (MCB) Camp Pendleton.

B. FINDING NO. 2 STATES:

The United States Marine Corps (the "Discharger") terminated the discharge of wastes to the Class II Unit in 2000.

BASIS FOR FINDING NO. 2

The USMC has provided the Regional Board with information that approximately 21,000 cubic yards of diesel-contaminated soil were stored and treated at the Unit during its operational history. The facility has not received discharges of soil wastes since the year 2000.

C. FINDING NO. 3 STATES:

The Discharger conducted field sampling and site closure activities during December 7 through December 9, 2005. Based on the information provided to the Regional Board, the site meets the applicable State

requirements for clean closure, as specified in California Code of Regulations (CCR), Title 27, §21090(f).

BASIS FOR FINDING NO. 3

In July 2005, the Discharger provided the Regional Board with a Final Closure Workplan for the Class II Unit. In December 2005, the Discharger conducted field sampling and closure activities in accordance with the Final Closure Workplan and submitted results to the Regional Board on April 6, 2006. Final closure activities included the following:

- (a) Removal of residual soils, gravel and all piping associated with the Unit;
- (b) The concrete treatment pads, storage areas, trenches, sumps and the rainwater containment basin were pressure washed, and rinsate samples were collected and analyzed for residual hydrocarbons;
- (c) Five soil borings were advanced, and two soil samples were collected from each boring to define the extent and character of any residual wastes;
- (d) Removal of the trailer, bioventing and treatment equipment.

On April 6, 2006, the Discharger provided the Regional Board with a Final Clean Closure Report. Analytical results from confirmation soil sampling, as well as rinsate samples collected from the two treatment pads verify that elevated levels of residual petroleum hydrocarbons are not present at the site. The report demonstrates that the Unit is in compliance with the applicable clean closure requirements of CCR Title 27 §21090(f).

D. FINDING NO. 4 STATES:

The Regional Board has notified the Discharger and all known interested parties of its intent to rescind Order No. 95-109.

BASIS FOR FINDING NO. 4

A public notice was published in the Regional Board agenda for the meeting held on October 11, 2006. Public notifications were also published by the San Diego Union Tribune October 10, 2006 and the North County Times October 11, 2006. The draft agenda package was sent to the Discharger via email and by U.S. Mail on October 30, 2006; and the draft agenda package was made available to the public via the Regional Board web page on October 30, 2006.

E. FINDING NO. 5 STATES:

The Class II Unit is currently an existing facility and therefore exempt from the provisions of CEQA, in accordance with Title 14, California Code of Regulations, Article 19, Section 15301.

BASIS FOR FINDING NO. 5

Prior to issuance of Order No. 95-109, the Discharger completed an Environmental Assessment (EA), including a Finding of No Significant Impacts (FONSI). The EA and FONSI are elements of the required federal environmental assessment under the "National Environmental Policy Act" or "NEPA". In accordance with Section 15225 of the California Environmental Quality Act (CEQA) Statutes and Guidelines, the Regional Board used the FONSI in place of a Negative Declaration for compliance with CEQA. Compliance with Order No. 95-109, as well as site closure activities mitigated and/or avoided any significant impacts to ground water and surface waters at this facility.

Based on the clean closure activities and sampling results, there has been no significant impact to ground water or surface waters from waste management operations at the Unit.

F. FINDING NO. 6 STATES:

This action involves the rescission of Waste Discharge Requirements for the Class II Unit, where the Discharger has terminated the discharge of wastes, and completed clean closure requirements under CCR Title 27 §21090(f).

BASIS FOR FINDING NO. 6

The Discharger has terminated discharges of waste at the facility and met the applicable requirements of CCR Title 27 for clean closure. Therefore, waste discharge requirements are no longer necessary for the protection of water quality.