



Department of Toxic Substances Control



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

M60050.002830
MCAS EL TORO
SSIC NO. 5090.3

January 3, 2002

Mr. Dean Gould
BRAC Environmental Coordinator
Marine Corps Air Station El Toro
Base Realignment and Closure
P.O. Box 51718
Irvine, California 92619-1718

FINAL WORK PLAN FOR ORDNANCE AND EXPLOSIVES (OE) RANGE
EVALUATION, INSTALLATION RESTORATION PROGRAM (IRP) SITE 1,
EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE, MARINE CORPS AIR STATION
(MCAS) EL TORO

Dear Mr. Gould:

The Department of Toxic Substances Control (DTSC) reviewed the above document dated December 2001. The Work Plan details the objectives and procedures to conduct a range evaluation at Site 1. IRP Site 1 is a former explosive ordnance disposal range located in the northeast portion of MCAS El Toro. The range evaluation will be conducted concurrently with the Phase II Remedial Investigation (RI). The procedures described in the Work Plan will also be used to provide OE safety and clearance support during the RI.

The Work Plan includes procedures to blow-in-place (BIP) unstable OE and to consolidate and detonate stable OE that may be encountered at Site 1. DTSC classifies OE at closed, transferred or transferring ranges as a hazardous waste. Further, detonation of OE is considered to be treatment of a hazardous waste. As a result, these activities are subject to the hazardous waste facility permit requirements of the California Health and Safety Code (HSC), Chapter 6.5, Section 25201.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.*

♻️ Printed on Recycled Paper



Mr. Dean Gould
January 3, 2002
Page 2

However, a response action, such as BIP or consolidation and detonation, conducted entirely on site can be excluded from the hazardous waste facility permit requirements of HSC, Chapter 6.5, Section 25201 if the conditions of HSC, Chapter 6.8, Section 25358.9(a) are met. This Work Plan meets the substantive requirements of a Removal Action Work Plan (RAW) and the conditions for exclusion from hazardous waste facility permit requirements specified in HSC, Chapter 6.8, Section 25358.9(a).

Additionally, as requested by DTSC, a public notice was distributed and the Work Plan was released for a 30-day comment period extending from November 3 through December 3, 2001. The Department of the Navy did not receive any public comments during the comment period and the Work Plan was subsequently finalized. As a result, DTSC hereby approves the Final Work Plan for OE Range Evaluation that meets the substantive requirements of a RAW.

If you have any questions, please contact Ms. Triss Chesney, Remedial Project Manager, at (714) 484-5395.

Sincerely,



John E. Scandura, Chief
Southern California Branch
Office of Military Facilities

cc: Ms. Nicole Moutoux
Remedial Project Manager
U. S. Environmental Protection Agency
Region IX
Superfund Division (SFD-8-1)
75 Hawthorne Street
San Francisco, California 94105-3901

Ms. Patricia Hannon
Remedial Project Manager
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Mr. Dean Gould
January 3, 2002
Page 3

Mr. Gregory F. Hurley
Restoration Advisory Board Co-chair
620 Newport Center Drive, Suite 450
Newport Beach, California 92660-8019

Ms. Polin Modanlou
Environmental Remediation Manager
MCAS El Toro Local Redevelopment Authority
Building 83
P.O. Box 53010
Irvine, California 92619-3010

Mr. Steven Sharp
Orange County Health Care Agency
2009 East Edinger Avenue
Santa Ana, California 92705

Ms. Judy Gibson
United States Fish and Wildlife Service
Carlsbad Fish and Wildlife Office
2730 Loker Avenue West
Carlsbad, California 92008

Ms. Content Arnold
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division - Code 06CC.CA
1220 Pacific Highway
San Diego, California 92132-5187

Mr. Gordon Brown
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division - Code 06CC.GB
1220 Pacific Highway
San Diego, California 92132-5187