



Cal/EPA

Department of  
Toxic Substances  
Control

245 West Broadway,  
Suite 425  
Long Beach, CA  
90802-4444

Mr. Joseph Joyce  
BRAC Environmental Coordinator  
U.S. Marine Corps Air Station - El Toro  
P. O. Box 95001  
Santa Ana, California 92709-5001

**COMMENTS ON DRAFT PHASE II REMEDIAL INVESTIGATION REPORT FOR THE ORIGINAL LANDFILL, SITE 3, OPERABLE UNIT 2C, AND THE COMMUNICATION STATION LANDFILL, SITE 5, OPERABLE UNIT 2C, MARINE CORPS AIR STATION (MCAS) EL TORO**

Dear Mr. Joyce:

This letter is to transmit the enclosed Regional Water Quality Control Board comments, which the Department of Toxic Substances Control stated it would do in its letters of June 18, 1996 and June 19, 1996. A few clarifications and modifications are needed as outlined in the enclosed comments. Please incorporate the agreed upon comments, where appropriate, and send us a response to comments along with a revised document.

Thank you for your cooperation. If you have any questions, please call me at (310) 590-4891.

Sincerely,

for Tayseer Mahmoud  
Remedial Project Manager  
Base Closure Unit  
Office of Military Facilities

Enclosure

cc: See Next Page

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MCAS EL TORO  
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Pete Wilson  
Governor

James M. Strock  
Secretary for  
Environmental  
Protection



cc: Ms. Bonnie Arthur  
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Mr. Lawrence Vitale  
Remedial Project Manager  
California Regional Water Quality Control Board  
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Mr. Peter Janicki  
California Integrated Waste Management Board  
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Mr. Steven Sharp  
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*Mr. Joseph Joyce*  
*July 10, 1996*  
*Page 3*

cc: Mr. Tim Latas  
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State of California

DEPT OF TOXIC SUBSTANCES  
CONTROL - LONG BEACH

JUL 03 1996

# Memorandum

**To:** Mr. Tayseer Mahmoud  
Department of Toxic Substances Control  
245 West Broadway, Suite 350  
Long Beach, CA 90802-4444

**Date:** July 2, 1996

**From:** CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - SANTA ANA REGION  
3737 MAIN STREET, SUITE 500, RIVERSIDE, CALIFORNIA 92501-3339  
Telephone: CALNET 632-4130 Public (909) 782-4130

**Subject:** DRAFT REMEDIAL INVESTIGATION REPORTS, LANDFILL SITES 3, AND  
5, EL TORO MARINE CORPS AIR STATION

We have reviewed the subject reports dated April 12, 1996 and received by us on April 22, 1996. Based on the data in the reports, we have the following comments:

## SITE 3

1. A final closure cover must be provided (some hazardous wastes were disposed of at the site) and the stabilization of the banks of Auga Chinon Wash should be implemented as proposed to prevent waste exposure and erosion which may impact surface water and sediment. A closure and postclosure maintenance plan, for the cover in accordance with Chapter 15 requirements, shall be submitted for our approval.
2. Monitoring programs for groundwater, surface water, and landfill gas should be developed, approved and implemented to assess the changes in quality of these media.
3. Benzene was found in groundwater, downgradient of the landfill site, at concentrations exceeding the drinking water standards (MCLs). A potential source of the benzene is Tank Farm No. 5. but additional investigations should be conducted for confirmation. Once the source of the groundwater contamination is identified remedial measures should be taken to prevent further groundwater degradation.

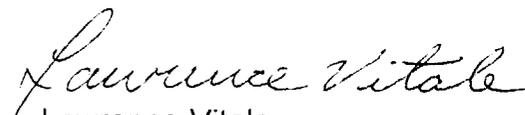
In the future, if additional downgradient monitoring wells are to be installed for the landfill, it is recommended that the new wells be placed immediately downgradient of the landfill to minimize impacts from other pollutant sources.

**SITE 5**

1. A final closure cover must be constructed (designated wastes were disposed of at the site) for the site to minimize water infiltration. A closure and postclosure maintenance plan must be submitted to us for approval.
2. Groundwater and gas monitoring programs should be implemented to assess the potential changes in quality of the groundwater and potential landfill gas generation.

If you have any questions, please contact me at (909) 782-4998.

Sincerely

  
Lawrence Vitale  
DoD Section