



File UST *cc:18*

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
EL TORO (SANTA ANA), CALIFORNIA 92709-5010

M60050.000338
MCAS EL TORO
SSIC # 5090.3

File 182 CAK

IN REPLY REFER TO:

6280
1JG/5A.1

30 MAY 1990

Orange County Health Care Agency
Public Health & Medical Services
Environmental Health-Waste Management Section
Attn: Ms. Joyce Krall
P.O. Box 355
Santa Ana, CA 92709

Dear Ms. Krall:

In compliance with Chapter 6.7 of the California Administrative Code, Title 23, Chapter 3, Subchapter 16, Article 5, updates on the Quarterly Release/Contamination Site Reports are provided below. These updates also respond to your letters of April 9 and 10, 1990 concerning soil contamination at buildings 800, 298, 637, and 651 at MCAS El Toro and buildings 171 and 172 at MCAS Tustin.

1. Site 398 MCAS El Toro. Tank 398 and associated piping were extensively tested from December, 1988 to March, 1989. Tests have shown that the supply line to the tank and the tank itself are both tight. A leak was identified near the 14"/3" crossover and has been temporarily repaired. Results of all testing are documented in the R.L. Stollar and Associates report dated March 23, 1989. The site investigation plan of action, approved by OCHCA on June 2, 1989, has been implemented and results have been provided to your office. Testing on the 14"/3" crossover using an ultrasonic technique was conducted in April 1990. A Facility Modification Application to repair the piping has been submitted to your agency and approved. The piping repair will be implemented in June 1990.
2. Sites 211, 212, 215, 547, 550 MCAS El Toro. Under a station wide tank testing program, testing was conducted in February 1990 on tanks 211 and 215 and both were found to be tight. Tanks 547 and 550 will be tested in June 1990. The area around tank 212 will be investigated for possible contamination within the next six months.
3. Site 392 MCAS El Toro. Diesel contaminated soil removed from several old fuel pumps in the MAG-11 area remains in a station landfarm for aeration. Samples from the landfarm have been taken and results provided to your office.
4. Site 397TP MCAS El Toro. JP-5 contaminated soil removed from the site of the broken one-inch line remains in a station landfarm. Samples from the landfarm have been taken and results provided to your office. The investigation of this site has been incorporated into the plan of action for tank 398.

5. Site 397 MCAS El Toro. The spill site was cleaned up officially shortly after the spill. JP-5 contaminated waste water remains in two tanks awaiting treatment efforts.

6. New Child Care Center MCAS El Toro. Two abandoned tanks once holding fuel oil were removed from the construction site in March 1990. All fuel oil contaminated soil was removed from the site to a station landfarm for aeration. Confirmation samples showing the site to be clean were taken and results were provided to your office.

7. Site 637 MCAS El Toro. Based on integrity testing conducted during February 1990, the piping associated with tanks 637-1 and 637-3 was shown to be failing. Leak pinpointing determined that the vent lines were failing. Your agency has approved our Facility Modification Application to replace the vent lines. The vent lines have been replaced and the tanks will be retested. Soil samples have been taken from under the vent lines and results will be provided to your office. A full investigation of the site will be conducted within the next six months.

8. Site 298 MCAS El Toro. Based on integrity testing conducted during February 1990, the piping associated with tank 298A was shown to be failing. Leak pinpointing determined that the vent lines were failing. A Facility Modification Application to replace the vent lines has been submitted to your agency and approved. Soil samples will be taken from under the vent lines and a full investigation of the site will be conducted within the next six months.

9. Site 800 MCAS El Toro. Based on integrity testing conducted during February 1990, the piping associated with tanks 800A and 800E was shown to be failing. Leak pinpointing determined that a portion of the vent lines and vapor lines were failing. Excavation of the failed piping and a full investigation of the site will be conducted within the next six months.

10. Site 651 MCAS El Toro. Based on integrity testing conducted during February 1990, the piping associated with tank 651-1 was shown to be failing. Leak pinpointing determined that the vapor recovery lines were failing. Replacement of the failed portions of the vapor recovery lines will begin after tanks 637-1 and 637-3 have been brought back into service. A full investigation of the site will be conducted within the next six months.

11. Site 534 MCAS Tustin. Contamination was discovered near this site while excavating a hole for additional work on the Crash Crew Training Facility. The main storage tank has been tested and passed. The piping and waste fuel tank will be investigated during the next month to determine the cause of contamination. A full investigation of the site will be conducted with the next six months.

12. Site 186 MCAS Tustin. In an effort to reactivate an old fuel tank, it was immediately determined the tank was a leaker. The tank was drained and the site will be investigated within the next six months.

13. Site 169-170 MCAS Tustin. This site has been incorporated into the Installation Restoration Program. Testing results are documented in the James M. Montgomery report dated July 1988. The underground piping between tanks 169-170 and day tanks 194-198 and the entire hot fueling piping system was leak tested and passed.

14. Site 171 MCAS Tustin. Based on integrity testing conducted during February 1990, tank 171 was shown to be leaking. A full investigation of the site will be conducted within the next six months.

15. Site 172 MCAS Tustin. Based on integrity testing conducted during February 1990, the piping associated with tank 172B was shown to be failing. A full investigation of the site will be conducted within the next six months.

Point of contact for this report is Mr. Sam Lam, Environmental Engineer, at (714) 726-6607.

Sincerely,



J. R. FAUNCE, CAPT, CEC, USN
Director, Facilities Mgmt. Dept.
By direction of Commanding General

Copy to:
CO, MCAS Tustin (2EA)
CO, SOUTHWESTDIV (18)