

Transmittal

Date: 16 August 2005

From: Lynn Marie Hornecker

To: **John Broderick**
Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3348

Subj: Summary Report
MSC JP5 Station 574
Former Aircraft Direct Fueling Station
Former Marine Corps Air Station, El Toro

Transmitted is the Summary Report for the investigation of former aircraft direct fueling station, MSC JP5 Station 574 (Station 574), at the Former Marine Corps Air Station, El Toro. Station 574 is located in the northeastern section of the facility, northwest of Building 372 and northeast of direct fueling Stations 904 and 905. Jet fuel was conveyed from former Underground Storage Tank (UST) 398 to Station 574 through a 14-inch underground fuel pipeline known as MSC JP5-8, Segment 10. Station 574 was constructed in 1956 and demolished in 1993.

The Station 574 investigation area includes Stations 574, 904, and 905. Documentation for Stations 904 and 905 was previously submitted.

Visual inspections were conducted at Station 574 in 1991, 2003, 2004, and 2005. Soil samples were collected in the unpaved basin adjacent to Station 574, Solid Waste Management Unit (SMWU) 16, during the Resource Conservation and Recovery Act Facility Assessment (RFA). Soil samples were collected adjacent to Station 574 during August 2004 and June 2005. An exploratory trench was excavated across the alignment of the former 14-inch jet fuel supply pipeline and 3-inch vacuum return line, between Station 574 and Station 575, during September 2004. Additional field investigations were conducted in the Station 574 vicinity during the preliminary assessment of the Tank 398 Site and during the planning for construction of nearby Station 904.

The attached Summary Report includes the laboratory test reports for the samples that were collected in 2004 and 2005 and excerpts from previous reports pertaining to field investigations in the Station 574 vicinity.

Based upon the analysis of soil and groundwater samples from the Station 574 vicinity, the screening risk evaluation, and the results of visual inspections of Station 574, the adjacent unpaved basin areas, and the exploratory trench, no further actions are recommended for Station 574 and the Station 574 investigation area. Based upon the previous fuel dispensing activities and the low levels of volatile organic compounds that have been detected in the vicinity of Station 574, Environmental Condition of Property (ECP) Category 2a is also recommended.

Destruction of the four (4) inactive groundwater monitoring wells in the vicinity of Station 574 - MW398-08, MW398-14, MW398-15, and MW398-16 – is also recommended based upon our evaluation of the Station 574 vicinity.

Please review this transmittal and provide comments within 30 days of receipt, if possible. If additional time is required for the review, please contact Mr. Darren Newton (E-mail: Darren.Newton@Navy.mil) to establish a schedule for the completion of the review. A formal transmittal letter may follow.

Please do not hesitate to contact me at (619) 532-0783 if you have questions pertaining to this transmittal.

Attachment
Summary Report (Navy 2005)

Copy to:

Darren Newton
BRAC Environmental Coordinator
Base Realignment and Closure
Marine Corps Air Station, El Toro
7040 Trabuco Road
Irvine, California 92618

CSO El Toro

Project File (MCAS El Toro)

ATTACHMENT

SUMMARY REPORT
MSC JP5 STATION 574
FORMER AIRCRAFT DIRECT FUELING STATION

DATED 16 AUGUST 2005

THIS RECORD IS ENTERED IN THE DATABASE AND FILED
AS

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