

**State of North Carolina
Department of Environment
and Natural Resources
Wilmington Regional Office
Division of Waste Management
UST Section**

**Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Interim Director**

October 5, 2001

Work complete 8/2002

Ms. Nikki Hall
Attention: Director, I&E/EMD/IRB
Marine Corps Base
PSC Box 20004
Camp Lejeune, NC 28542-0004

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL		# of pages ▶ 1
To <i>Brian Bellis</i>	From <i>Nikki Hall</i>	

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL		# of pages ▶ 1
To <i>Lei Reuter</i>	From <i>Nikki Hall</i>	
<i>Waste Div</i>	Phone # <i>EMD/IRB</i>	
<i>62-4804</i>	Fax # <i>910-451-5997</i>	
7368	5099-101	GENERAL SERVICES ADMINISTRATION

Subject: Review of Report Entitled Site
Characterization and Request for No
Further Action
USMC-Camp Lejeune-Bldg. AS-410S
Incident No. 20047

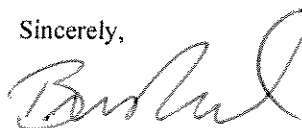
Dear Ms. Hall:

Thank you for providing the subject report to the Division on September 26, 2001. After reviewing the report and other information available for this incident, the Division cannot close the incident at this time. The following information is needed in order for closure to be considered:

1. As previously discussed in the Division's May 20, 1999-letter concerning this site, soil removed from the tank removal actions was placed back into the tank basins. The subject report referenced that pea gravel was encountered in both tank basins and therefore a hand auger could not be used to assess soil contaminant levels in the basins. The Division cannot conclude that maximum soil contaminant concentrations or action levels have been met in the basin areas. The USMC will have to address this situation in a manner which assures and demonstrates that secondary source material is below appropriate levels.
2. Groundwater conditions will have to be evaluated in the basins to assure and document that free-product is not present, and that gross contaminant levels have not been exceeded.

Please inform the Division by November 5, 2001, what the USMC's plan of action will be in regard to the addressing the above comments. If you have any questions concerning this letter, please contact me at (910) 395-3900.

Sincerely,



Bruce Reed
Hydrogeologist II

cc: WIRO-UST
s:\bruce\hall410s.oct



PERMANENT FILE

UNITED STATES MARINE CORPS

MARINE CORPS BASE

PSC Box 20004

Camp Lejeune, North Carolina 28542-0004

IN REPLY REFER TO:

6287

BEMD

28 NOV 2001

Mr. Bruce Reed
North Carolina Department of Environment and Natural Resources
Division of Waste Management
UST Section
127 Cardinal Drive
Wilmington, North Carolina 28405-3845

Dear Mr. Reed:

In response to your October 30, 2001 site visit and letter dated October 5, 2001 requiring additional assessment of the tank basins at UST Site AS-410(S), Marine Corps Base Camp Lejeune proposes the following plan of action. The Environmental Management Division (EMD) will collect additional soil and groundwater samples within each tank basin. Samples will be analyzed using constituent specific and MADEP methods required by the most recent Guidelines. If there is not sufficient substrate to obtain soil samples, EMD will consider other options, such as soil excavation. A high concentration of overhead and underground utilities in the subject area, however, presents a significant obstacle, which we will have to consider in any additional planning.

If you require further information, please contact Ms. Nikki Hall, Environmental Quality Branch, Environmental Management Division, Installations and Environment Department at (910) 451-9610.

Sincerely,

SCOTT A. BREWER, P.E.

Director, Environmental Management Division

By direction of

the Commanding General

Sent email requesting work to LR on 3/20/2002

State of North Carolina
Department of Environment
and Natural Resources
Wilmington Regional Office
Division of Waste Management
UST Section

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary

Ms. Nikki Hall
United States Marine Corps
PSC Box 20004
Camp Lejeune, NC 28542-0004

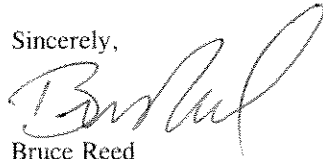
Dear Ms. Hall:

Thank you for providing the information that we discussed on April 12, 1999. After reviewing all available data for this incident, the Division cannot close the incident at this time. The following information is needed in order for closure to be considered:

1. It appears that the soil removed from the tank removal actions was placed back into the tank basins. No information, other than the tank closure reports, is available concerning the soil conditions immediately around the two AS-410S tank basins. Please perform thorough soil assessments, above the capillary-fringe area of the subsurface, to assure that soil contamination does not exist in these areas. Any former underground piping runs must also be assessed. Please submit this information in the form of a Soil Cleanup Plan or Soil Cleanup Report with Site Closure Request. Since a "Comprehensive Site Assessment" was submitted prior to January 2, 1998, you have the option of remediating soil to the cleanup levels found in the 1997 Guidelines document, or you may use the 15A NCAC 2L .0115(i) criteria.
2. Samples should have been obtained during closure of the 285-gallon waste oil UST system. Please address this former tank system, as discussed above.

After reviewing the three and five well site check reports, the Catlin reports do not accurately reflect the location of the monitoring wells associated with this incident. If you have any questions concerning this letter, please contact me at (910) 395-3900.

Sincerely,


Bruce Reed
Hydrogeologist II

cc: WIRO-UST s:\ust\bruce\hall410s.may

FAX TRANSMITTAL

of pages 1 of 4

To: Brian Bellis

From: Nikki Hall

FAX TRANSMITTAL

of pages 1/1

To: Brian Bellis

From: Nikki Hall

Dept./Agency: LANV

Phone #: 451.9610

Fax #

Fax #

May 20, 1999

Subject: Review of Site Documentation
USMC-Camp Lejeune-
Bldg. AS-410S
Incident No. Pending
Camp Lejeune, Onslow County

BY FAX

-Nikki

Jun 99

24 Aug 01