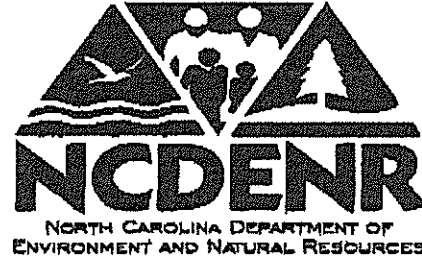


State of North Carolina  
Department of Environment  
and Natural Resources.  
Wilmington Regional Office  
Division of Waste Management  
UST Section



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

May 13, 2005

Commanding General  
Attn: I&E/EMD/EQB (Mr. Andrew Smith, Bldg. 12)  
PSC Box 20004  
MCB Camp Lejeune, NC 28542-0004

Subject: Review of Report Entitled  
"Remedial Action Optimization and  
Revised Corrective Action Plan  
JP-5 Line Area  
White Street East of Bldg. 4141  
Camp Lejeune/MCAS  
Onslow County  
Incident No. 3218

Post-It* Fax Note	7671	Date	5-13-05	# of pages	3
To	Andrew Smith	From	Bruce Reed		
Co./Dept.	EMD	Co.			
Phone #		Phone #			
Fax #	(910)-451-5997	Fax #			

Dear Mr. Smith:

Thank you for submitting the subject report to the Division on March 18, 2005. We are in general agreement with the recommendations presented in the report, except as noted below:

- The location of the referenced Type III monitoring well should be located on the north end of the hanger. Please see the attached drawing. This well should be screened in the upper part of the sand unit which should be found about 17.5 ft below land surface.
- The "temporary piezometers" must be constructed in accordance with 15A NCAC 2C.0108. It is recommended that these wells be gauged for a minimum of six months. p 14
- Potential source areas were not originally displayed on the figures. EMD was contacted about this problem, and revised figures were submitted on May 13, 2005.
- Static water levels should be obtained periodically from the wells that are being discontinued from the monitoring plan. p-15
- The formerly impacted manhole needs to be periodically checked for product. These observations, as well as the location of the manhole, will need to be incorporated into the monitoring reports. The Division understands, based upon communication with EMD on May 11, 2005, that the manhole currently does not contain free-product. Across street from north end of Bldg. AS-4141

Mr. Andrew Smith

May 13, 2005

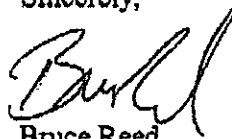
Page 2

- The report stated that the May 2000 Radian Optimization Report concluded that soil contamination was cleaned up to risk based levels. There is no data to support this statement. The Division suggests that the Base obtain soil samples for risk-based analysis. The results of this investigation should be incorporated into the next monitoring report. Data?

If any major delays are encountered in the implementation of the modified corrective action plan at this site, please report them immediately to the Division.

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\smithjp5.opt

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 15, 2001

*Being gauged by  
 JAJones - NHT 10/2002*

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

Subject: Review of Limited Site Assessment  
 Report  
 USMC-MCAS-JP-5 Line Leak  
 Jacksonville, Onslow County  
 Incident No. Pending  
 Low Risk Classification

Dear Ms. Hall:

Thank you for submitting the subject report to this Division asks that the USMC gauge the two monitoring wells on a quarterly basis for one year. At the conclusion of the of findings.

*Julia - Please*

If you have any questions concerning this letter, ]

Sincerely,

*Bruce R. Hydrogeo*  
 Bruce R. Hydrogeo

OPTIONAL FORM 99 (7-90)

<b>FAX TRANSMITTAL</b>		# of pages ▶ 1
To <i>MIKE WASON</i>	From <i>NIKKI HALL</i>	
Dept./Agency <i>CAT LIN</i>	Phone # <i>EMD/EQB</i>	
Fax # <i>910-452-9563</i>	Fax # <i>910-451-599</i>	
NSN 7540-01-317-7368		5099-101 GENERAL SERVICES ADMINISTR.

OPTIONAL FORM 99 (7-90)

<b>FAX TRANSMITTAL</b>		# of pages ▶ 1
To <i>TRACEY THRIFT</i>	From <i>NIKKI HALL</i>	
Dept./Agency <i>JAJONES</i>	Phone # <i>EMD/EQB</i>	
Fax # <i>904-363-1421</i>	Fax # <i>910-451-599</i>	
NSN 7540-01-317-7368		5099-101 GENERAL SERVICES ADMINISTRATI

cc: WIRO-UST

s:\bruce\halljp5.nfa

Faxed to LR 12/7/2000  
vJH

Nikki  
Per letter  
N-12  
1

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



James B. Hunt, Jr., Governor  
Bill Holman, Secretary

November 20, 2000

**CERTIFIED MAIL 7000 1670 0005 7382 3036**  
**RETURN RECEIPT REQUESTED**

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

RE: Notice of Regulatory Requirements  
15A NCAC 2L .0115(c)  
RISK-BASED ASSESSMENT AND  
CORRECTIVE ACTION FOR PETROLEUM  
UNDERGROUND STORAGE TANKS  
USMC-MCAS, JP-5 Fuel Line Leak  
Camp Lejeune  
Onslow County, N.C.  
Incident No. Pending

Dear Ms. Hall:

Information received by this office on October 6, 2000, confirms a release or discharge from a petroleum underground storage tank (UST) system at the above referenced location. Records indicate that the USMC is the owner and/or operator of this UST system. This letter is a standard notice explaining the actions that the USMC must take as a result of the release or discharge in accordance with North Carolina statutes and rules. The UST Section of the Division of Waste Management administers the state's rules for USTs and the required response for petroleum releases. Those rules are located in Title 15A, Subchapter 2L and Title 15A, Subchapter 2N of the North Carolina Administrative Code (NCAC).

As a responsible party, the USMC is required to comply with the release response and corrective action requirements of 15A NCAC 2L .0115(c), which include the requirements established in 15A NCAC 2N. Listed is a general description of actions that the USMC must take to comply with State rules. For a detailed description of your requirements please refer to the enclosed rules and the January 1998 Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume II ("the Guidelines"). The Guidelines are available on the Internet at <http://ust.ehnr.state.nc.us> or may be purchased from the UST Section for a fee of \$7.00. To purchase a copy of the Guidelines, please send a check made payable to DENR to:

DENR/DWM/UST Section  
1637 Mail Service Center  
Raleigh, NC 27699-1637

Required Actions:

- 1) If the USMC has not already done so, the USMC must take immediate action to prevent any further release of the regulated substance into the environment and to identify and mitigate any fire, explosion and vapor hazards; remove any free product; and comply with the requirements of Rules .0601 through .0604 and .0701 through .0703 and .0705 of Subchapter 2N;
- 2) Incorporate the requirements of 15A NCAC 2N .0704 into the report to be submitted in accordance with 15A NCAC 2L .0115 (c)(3) or (c)(4), whichever is applicable (see Item #3 below). This shall constitute compliance with the reporting requirements of 15A NCAC 2N .0704(b);
- 3) If the USMC can demonstrate that no soil remains in the unsaturated zone in the sidewalls and at the base of the UST system excavation with contaminant levels exceeding either the "soil-to-groundwater" or the residential maximum soil contaminant concentrations (See Guidelines), whichever are lower, then submit a Soil Contamination Report in accordance with 15A NCAC 2L.0115(c)(3). The Soil Contamination Report, if applicable, is due in this office within **90 days** of the date of receipt of this notice. Upon approval of this report, the Department will issue a notice indicating that no further action related to this incident is required; or, } *only while pit is open*
- 4) If the requirements of 15A NCAC .0115(c)(3) cannot be met as described in Item #3 above, submit a Limited Site Assessment (LSA) Report in accordance with 15A NCAC 2L .0115(c)(4), containing information needed by the Department to classify the level of risk to human health and the environment posed by the discharge or release. The LSA Report is due in this office within **120 days** of the date of receipt of this notice. Based on a review of the information submitted in the LSA, the Department will classify the risk of the discharge or release as high, intermediate or low. At that time, the Department will also classify the land use of the site as either residential or industrial/commercial. The USMC will be notified of the risk and land use classifications once review of your LSA Report is completed.

If the USMC believes that any of the information requested above has already been submitted, please notify me of the date, title, and content of the documents that contain the information.

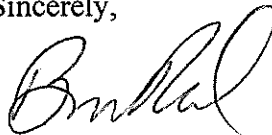
Ms. Nikki Hall  
November 20, 2000  
Page 3

The USMC's prompt attention to the items described herein is required. Failure to comply with the state's rules in the manner and time specified, may result in the assessment of civil penalties and /or the use of other enforcement mechanisms available to the State. Each day that a violation continues may be considered a separate violation. If the USMC believes that it is not the responsible party notify the UST Section within 15 days of receipt of this letter.

Please note that performing assessment and cleanup work that is not required under 15A NCAC 2L.0115 is not reimbursable from the Commercial or Noncommercial Leaking Petroleum Underground Storage Tank Cleanup Funds.

If the USMC has any questions regarding the actions that must be taken or the rules mentioned in this letter, please contact me at the letterhead address and/or at (910) 395-3900. If the USMC has any questions regarding trust fund eligibility or reimbursement, please contact the UST Section at (919) 733-8486.

Sincerely,



Bruce Reed  
Hydrogeologist II

BR

cc: Ruth Strauss  
County Manager  
WiRO-UST

s:\bruce\halljp5.nov