

READ FILE



UNITED STATES MARINE CORPS  
MARINE CORPS BASE  
PSC Box 20004  
Camp Lejeune, North Carolina 28542-0004

In reply refer to:

6287

BEMD

MAR 07 2003

Mr. David Holsinger, PE  
North Carolina Department of Environment  
and Natural Resources  
Division of Waste Management  
Underground Storage Tank Section  
127 Cardinal Drive  
Wilmington, North Carolina 28405-3845

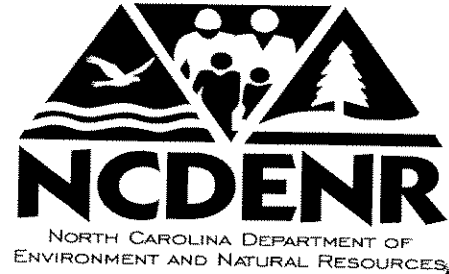
Dear Mr. Holsinger:

Marine Corps Base, Camp Lejeune has issued public notices for former underground storage tank (UST) sites at Building 20-1 aboard Camp Lejeune and TT-779, TT-2254, TT-2258, TT-3524 located in Tarawa Terrace I and II in compliance with the public notice requirements described in your "Notice of No Further Action" letters dated January 10, 21, and 22, 2003. Camp Lejeune has provided copies of the notices by certified mail to the Onslow County Health Director, Jacksonville City Manager, and Onslow County Manager. In addition, Camp Lejeune published legal notices in the Jacksonville *Daily News* on February 19, 20, and 21, 2003 for Site 20-1 and February 21, 22, 23, 2003 for the Tarawa Terrace sites.

Per your request, we have enclosed certified receipts for the notices sent to the Onslow County Health Director, Jacksonville City Manager, and Onslow County Manager, as well as, the legal notices from the Jacksonville *Daily News* for the aforementioned sites. Well abandonment records for temporary monitoring wells at former UST sites TT-779, TT-2254, TT-2258, and TT-3524 were submitted to the State in November 2002. The monitoring well at Building 20-1 site will be abandoned in accordance with 15A NCAC 02C.0113 and the well abandonment record will be forwarded to the Division of Water Quality.

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



*BPM/Nikki*  
*For action*  
*N 1/14*

January 10, 2003

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

Subject: Notice of No Further Action  
15A NCAC 2L .0115(h)  
USMC Camp Lejeune, Bldg. 20-1  
Main Service Road  
Camp Lejeune, Onslow County  
Incident No. 21088  
Classification: Low Risk

Dear Ms. Hall:

On September 10, 2001, the Underground Storage Tank (UST) Section, Division of Waste Management (DWM) Wilmington Regional Office received a Soil Assessment Report and Recommendation for "No Further Action" for the above-referenced site. A review of the report shows that soil contamination does not exceed the residential maximum soil concentrations established in 15A NCAC 2L .0115(m). A review of the report also shows that groundwater standards have not been exceeded.

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination is conditional pending completion of the public notice specified below. Once proper public notice has been given, this determination will apply unless the UST Section later determines that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

Ms. Nikki Hall  
January 10, 2003  
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Pursuant to 15A NCAC 2L .0115(e), the USMC has a continuing obligation to notify the UST Section of any changes that it knows of or should know of, that might affect the level of risk assigned to the discharge or release. Such changes include, but are not limited to, changes in zoning of real property, use of real property or the use of groundwater that has been contaminated or is expected to be contaminated by the discharge or release, if such change could cause the UST Section to reclassify the risk. Please note that this responsibility not only pertains to changes involving the property on which the release occurred, but to changes involving the surrounding properties as well.

Please be advised that the USMC must comply with the public notice requirements of 15A NCAC 2L .0115(k) as specified below. **If public notice is not provided as required, this no further action determination will be deemed invalid.** Within **30 days** of receipt of this no further action notice, the USMC must provide a copy of this notice to the following persons:

- local health director;
- chief administrative officer (i.e., Mayor, Chairman of the County Commissioners, County Manager, City Manager or other official of equal or similar position) of each political jurisdiction in which the contamination occurs;
- all property owners and occupants within or contiguous to the area containing contamination; and
- all property owners and occupants within or contiguous to the area where the contamination is expected to migrate.

Copies of this no further action notice must be sent to the persons listed above by certified mail. If it is impractical to provide notice by certified mail to the occupants of apartment buildings, condominiums, office buildings, etc., the USMC may post a copy of this notice in a prominent place where the occupants are most likely to see it.

Within **60 days** of receiving this no further action notice, the USMC must provide the UST Section at the Wilmington Regional Office with proof of receipt of the copy of the notice or of refusal by the addressee to accept delivery of the copy of the notice. If a copy of the notice is posted, the USMC must provide the UST Section with a description of the manner in which the notice was posted.

Interested parties may examine the Soil Assessment Report and Recommendation for "No Further Action" by contacting Ms. Nikki Hall at (910) 451-9610. In addition, the UST Section Wilmington Regional Office has the report along with other site information on file and available for public review.

Ms. Nikki Hall  
January 10, 2003  
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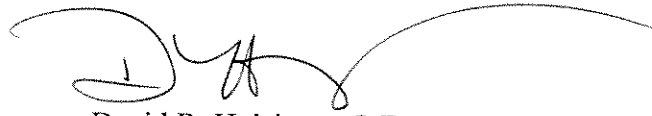
Interested parties may arrange to review this information by contacting the regional office as listed below. In addition, comments on the Soil Assessment Report and Recommendation for "No Further Action" may be submitted to the regional office.

Bruce Reed  
NCDENR Wilmington Regional Office  
127 Cardinal Drive Extension  
Wilmington, N C 28405  
(910) 395-3900

Please be advised that the USMC should close any monitoring wells or injection wells used to investigate or remediate this incident in accordance with 15A NCAC 2C .0113 and .0214, respectively. For guidance on closure of infiltration galleries, please contact the Division of Water Quality, Groundwater Section, at the Wilmington Regional Office.

If there are any questions concerning this notice, please contact Bruce Reed at (910) 395-3900.

Sincerely,



David R. Holsinger, P.E.  
Regional Supervisor

DRH/BAR

Attachments: Well Abandonment Form  
15A NCAC 2C .0113

cc: Rob Krebs  
WiRO-UST

s:\bruce\hall20-1.nfa

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

Michael F. Easley, Governor  
Sherri Evans-Stanton, Acting Secretary

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

# of pages ▶ 14

To <i>Lori Reuther</i>	From <i>Bob Lowder</i>
Dept./Agency	Phone # <i>910-451-9607</i>
Fax # <i>910-262-4804</i>	Fax # <i>910-451-5997</i>
NSN 7540-01-317-7368	5099-101 GENERAL SERVICES ADMINISTRATION

**INCUBENK**  
NORTH CAROLINA DEPARTMENT OF  
ENVIRONMENT AND NATURAL RESOURCES

January 12, 2001

**CERTIFIED MAIL #7000 1670 0005 7383 6340**  
**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(d)  
USMC-Camp Lejeune, Bldg. 20-1  
Main Service Road, Camp Lejeune, Onslow County  
Incident No. 21088  
Low Risk Classification

Dear Ms. Hall:

Information received by this office on October 5, 1998, confirms a release or discharge from a petroleum underground storage tank (UST) system at the above-referenced site. 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).

The risk-based rule for petroleum USTs, 15A NCAC 2L .0115(d), states that the department shall classify the risk of each known discharge or release from the UST system. A review of the December 21, 2000-Limited Site Assessment Report that the USMC has provided to this office indicates that:

- (1) The risk posed does not fall within the high or intermediate risk categories.

Based on the conditions above, the discharge or release at the subject site has been classified as "low risk." In addition, the land use at the site has been classified as industrial/commercial. Please note that 15A NCAC 2L .0115(e) requires the USMC to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

*Nikki - please provide copy of this.*

Ms. Nikki Hall  
January 12, 2001  
Page 2

Based on the determination that the risk posed by the discharge or release at the subject site is low, the USMC must comply with the soil assessment and cleanup requirements of 15A NCAC 2L .0115(i). To achieve compliance with this rule, please submit a Soil Assessment Report documenting the vertical and horizontal extent of soil contamination. If soil contamination is present at concentrations exceeding the applicable cleanup levels, the Soil Assessment Report must contain a plan and schedule for soil remediation. The Soil Assessment Report must be received by this office within **90 days** of the date of receipt of this notice. A responsible party who submits a Soil Assessment Report that proposes to remediate or leave in-place soil contamination exceeding the residential or soil-to-groundwater maximum contaminant concentrations established in 15A NCAC 2L .0115(m), whichever are lower, must provide public notice as specified in 15A NCAC 2L.0115(j).

Once soil contamination is remediated, the USMC is required to submit a Soil Cleanup Report with Site Closure Request. This report shall demonstrate that soil contamination was remediated to the industrial/commercial maximum soil contaminant concentrations established in 15A NCAC .0115(m). A time frame for submittal of a Soil Cleanup Report with Site Closure Request must be specified in the plan and schedule for soil remediation contained in the Soil Assessment Report.

Please refer to the January 1998 *Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume II* ("the Guidelines") for further information on assessment, cleanup, public notification and reporting requirements. The Guidelines are available on the Internet at <http://ust.enr.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:

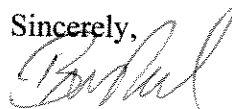
DENR/DWM/UST Section  
1637 Mail Service Center  
Raleigh, NC 27626-0616

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.

Also 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 Wilmington Regional Office at the letterhead address and/or at 910-395-3900. If there are any questions regarding trust fund eligibility or reimbursement, please contact the UST Section in Raleigh at (919) 733-8486.

Sincerely,



Bruce Reed  
Hydrogeologist II

BR

cc: Ruth Strauss, Onslow County Health Dept.  
WiRO-UST s:\ust\bruce\hall20.sar

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

Assessment sent to  
State 12/2000

given to LON 2/1/00



January 24, 2000

CERTIFIED MAIL P 455 446 078  
RETURN RECEIPT REQUESTED

Ms. Nikki Hall  
MCB  
ATTN: AC/S EMD/IRD  
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-Camp Lejeune, Bldg 20-1  
MCB-Camp Lejeune  
Onslow, NC  
Incident #: pending

Dear Ms. Hall:

Information contained in a tank closure report received by this office on October 5, 1998, confirmed a release or discharge from a petroleum underground storage tank (UST) system at the above referenced location. Records indicate that you are the owner and/or operator of this UST system. This letter is a standard notice explaining the actions you 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). **Please note that the following deficiencies were observed in the tank closure report: 1.) soil samples were not collected from under the product piping as required and 2.) the quantitation limits for some of the laboratory analyses were raised to above the minimum standards for those contaminants.**

As a responsible party, you are 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 you 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://gw.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 27626-0616

Required Actions:

- 1) If you have not already done so, you 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). **In addition, please collect groundwater or soil samples as required from under the product piping associated with the removed UST. Please submit the samples to a certified laboratory for the appropriate analyses (the results of these analyses may be submitted along with the required report as described below).** This shall constitute compliance with the reporting requirements of 15A NCAC 2N .0704(b);
- 3) If you 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,
- 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

USMC-Bldg 20-1

January 24, 2000

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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. You will be notified of the risk and land use classifications once review of your LSA Report is completed.

If you believe 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.

Your 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 you believe you are 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 you have 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 you have any questions regarding trust fund eligibility or reimbursement, please contact the UST Section at (919) 733-8486.

Sincerely,



Patricia C. Coughlan  
Regional Supervisor, UST Section

PCC/

cc: Central Office  
WiRO-UST

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