

**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**



August 19, 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. TT-3140  
Bougainville Drive  
Camp Lejeune, Onslow County  
Incident No. 23699  
Classification: Low Risk

Dear Ms. Hall:

On July 8, 2003, the Underground Storage Tank (UST) Section, Division of Waste Management (DWM) Wilmington Regional Office received a Soil Assessment Report and Request for No Further Action Status 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 contaminated groundwater does not exceed gross contamination levels that were established in 15A NCAC 2L .0115(g).

Based on information provided to date, the UST Section determines that no further action is required for this incident. This determination is conditional pending completion of the public

Ms. Nikki Hall  
August 19, 2003  
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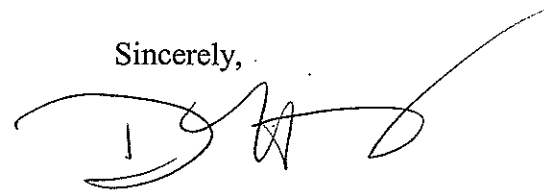
Interested parties may arrange to review this information by contacting the regional office as listed below. In addition, comments on the Soil Assessment Report and Request for No Further Action Status may be submitted to the regional office.

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.  
UST Regional Supervisor

DRH/BAR

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

cc: Rob Krebs  
WiRO-UST

s:\bruce\hall3140.nfa



UNITED STATES MARINE CORPS

MARINE CORPS BASE

PSC Box 20004

Camp Lejeune, North Carolina 28542-0004

READ FILE

In reply refer to:

6287

BEMD

JUL 14 2003

Mr. Bruce Reed  
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. Reed:

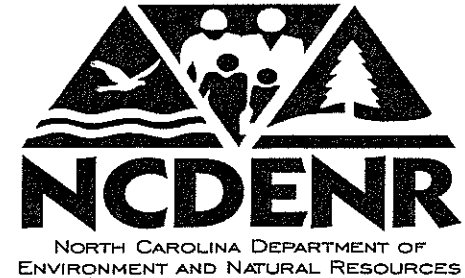
A response to a Notice of Regulatory requirement for Underground Storage Tank (UST) TT-3140/3142 dated January 9, 2003 was delivered to your office by Catlin the week of July 7, 2003. This site is located in the Tarawa Terrace II housing area aboard Marine Corps Base, Camp Lejeune, North Carolina.

A non-regulated, non-commercial, 550-gallon heating oil UST was removed July 31, 2001. Soil samples taken after tank closure indicated the presence of TPH-DRO, TPH-GRO, and C<sub>9</sub>-C<sub>22</sub> aromatic compounds in the former tank basin above Residential Maximum Soil Contaminant Concentrations (MSSCs). Subsequently, a Limited Site Assessment was conducted. Laboratory tests did not indicate the presence of VOCs, semi-VOCs, VPH, or EPH compounds above MSCCs. Petroleum contaminants were also not present, with the exception of two TICs, in a groundwater sample collected from a monitoring well installed in the source area. During this investigation, petroleum-contaminated soils were identified at the base and in the sidewalls of the former tank basin. However, contaminant concentrations are below Residential MSCCs. Because this site is classified as Low Risk, no further action should be required.

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

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



April 3, 2003

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

Subject: Time Extension  
USMC-Camp Lejeune, TT:2302, 3548,  
3140, PP: 3332, 3326, 3350, FC-40-3,  
and 1323-3  
Camp Lejeune, Onslow County

Dear Ms. Hall:

The Division has reviewed the subject time extension request that was received by this office on March 26, 2003. The extensions are granted. If the reports are not received by the new due date (see attached), fines and penalties may be assessed from the original due date.

If you have any questions concerning this letter, please contact me at (910) 395-3900.

Sincerely,

Bruce Reed



UNITED STATES MARINE CORPS

MARINE CORPS BASE

PSC Box 20004

Camp Lejeune, North Carolina 28542-0004

In reply refer to:

6287

BEMD

21 MAR 2003

Mr. Bruce Reed  
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. Reed:

On March 5, 2003 a number of items were addressed at the Underground Storage Tank Partnering Meeting, including upcoming work. You were informed that several reports would be delayed due to additional sampling requirements and funding issues. Camp Lejeune would like to formally request a time extension for the following reports:

UST Site	Report	NORR Date	Proposed Due Date
TT-2302	Phase I Limited Site Assessment	01/29/02	5/30/03
TT-3548	Phase I Limited Site Assessment	02/15/02	5/30/03
1323-3	Phase I Limited Site Assessment	12/18/02	6/30/03
FC-40-3	Phase I Limited Site Assessment	12/18/02	6/30/03
PP-3332	Soil Assessment Report	01/06/02	6/30/03
PP-3326	Soil Assessment Report	01/08/02	6/30/03
TT-3140	Soil Assessment Report	01/09/02	6/30/03
PP-3350	Soil Assessment Report	10/16/02	6/30/03

Fieldwork at these sites has been scheduled for mid-March and April 2003. If you have questions or need further information, please contact Ms. Nikki Hall, Environmental Quality Branch, Environmental Management Division, Installations and Environment Department, at (910) 451-9610.

## FAX TRANSMITTAL

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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

To <i>Dason - Caplin</i>	From <i>Dicki</i>
Dept./Agency	Phone #
Fax # <i>910-452-7863</i>	Fax # <i>910-451-5997</i>
NSN 7540-01-317-7368	5099-101 GENERAL SERVICES ADMINISTRATION
To <i>Ms. Keuter</i>	From <i>Dicki</i>
Dept./Agency	Phone #
Fax # <i>910-262-4804</i>	Fax # <i>910-451-5997</i>
NSN 7540-01-317-7368	5099-101 GENERAL SERVICES ADMINISTRATION

January 9, 2003

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

RE: Notice of Regulatory Requirements  
 15A NCAC 2L .0115(d)  
 USMC-Camp Lejeune-Bldg. ~~TT-3140~~  
 Camp Lejeune, Onslow County  
 Incident No. 23699  
 Low Risk Classification

Dear Ms. Hall:

Information received by this office on February 19, 2002, 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 November 12, 2002 Limited Site Assessment Report that the USMC has provided to this office indicates that:

(1) Based upon a review of site-specific information, limited assessment or interim corrective

Ms. Nikki Hall  
January 9, 2003  
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 residential 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 most recent version of the UST Section guidelines for assessment and corrective action 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 \$8.50. 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

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 30, 2002

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

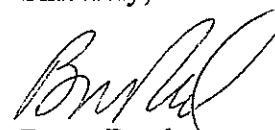
Subject: Time Extensions  
USMC-Camp Lejeune, Bldgs. TT: 779,  
2302, 2254, 2258, 3140, 3165, 3233, 3524,  
3548, PP: 3311, 3322, 3326, 3330, 3332,  
3340, 3343, 3350, 3354, 3358, and 3363  
Camp Lejeune, Onslow County

Dear Ms. Hall:

The Division has reviewed the subject time extension requests that were received by this office on May 29, 2002. The extensions are granted. If the reports are not received by the new due date, fines and penalties may be assessed from the original due date.

If you have any questions concerning this letter, please contact me at (910) 395-3900.

Sincerely,



Bruce Reed

**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**



February 15, 2002

Ms. Nikki Hall  
Attn: Director, I&E/EMD/EQB  
Marine Corps Base  
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. TT-3140  
Camp Lejeune, Onslow County, N.C.  
**Risk: Unconfirmed**  
**Incident No. 23699**

Dear Ms. Hall:

Information received by this office on February 14, 2002, 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 tank 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).

Ms. Nikki Hall  
February 15, 2002  
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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,
- 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,

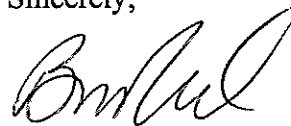
Ms. Nikki Hall  
February 15, 2002  
Page 3

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 in Raleigh at (919) 733-8486.

Sincerely,



Bruce Reed  
Hydrogeologist II

BR

cc: George O'Daniel (Onslow County Health Dept.)  
WiRO-UST

s:\bruce\hall3140.feb