

**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 7, 2003

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

RE: Notice of No Further Action
15A NCAC 2L .0115(h)
Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks
USMC-Camp Lejeune, Bldg. A-47-5
Courthouse Bay
Camp Lejeune, Onslow County
Incident # 21027
Low Risk Classification

Dear Ms. Hall:

On September 13, 2001, the UST Section, Division of Waste Management, Wilmington Regional Office received a Soil Assessment Report with No Further Action Request for the above-referenced site. A review of the report shows that soil contamination does not exceed the lower of the soil-to-groundwater or residential maximum soil contaminant concentrations established in 15A NCAC 2L .0115(m). Also, groundwater contamination was not detected above 15A NCAC 2L standards.

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. 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.

This no further action determination only applies to the above-referenced incident and that for any other incidents, the responsible party is expected to continue to address the contamination as required by the applicable rules and in accordance with any previously issued notices.

Ms. Nikki Hall
April 7, 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.

Please be advised that the USMC should close any monitoring wells or injection wells used to investigate or cleanup 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 Regional Office.

Should the USMC have any questions concerning this notice, please contact Bruce Reed at (910) 395-3900.

Sincerely,



David Holsinger, P.E.
Regional Supervisor

DH/BR

Attachment: Well Abandonment Form

cc: Rob Krebs
George O'Daniel (Onslow Co. Health Dept.)
WiRO-UST

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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
Sherri Evans-Stanton, Acting Secretary

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. A-47-5
Courthouse Bay, Camp Lejeune, Onslow County
Incident No. 21027
Low Risk Classification

Dear Ms. Hall:

Information received by this office on December 13, 1999, 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 14, 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.

Ms. Nikki Hall
January 12, 2001
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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 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\hall47.sar

given to Lori 2/2/00

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

December 30, 1999

CERTIFIED MAIL Z 495 992 329
RETURN RECEIPT REQUESTED

Ms. Nikki Hall
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. A-47-5
Courthouse Bay, NC Highway 172
Camp Lejeune, Onslow County, N.C.
Incident No. Pending

Dear Ms. Hall:

Information received by this office on December 13, 1999, confirms 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 tank 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).

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 27699-1637

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). 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 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.

Ms. Nikki Hall
December 30, 1999
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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,



Bruce Reed
Hydrogeologist II

BR

cc: Rob Krebbs
County Manager
David Lown (DWM-Oberlin Rd.)
WiRO-UST, WiRO-GWS

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