

07.01-9-20-2000-02617
A



UNITED STATES MARINE CORPS

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

IN REPLY
REFER TO:
6287
BEMD

20 SEP 2000

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

Dear Mr. Reed:

This letter is to inform you that Marine Corps Base (MCB), Camp Lejeune, North Carolina is transferring Underground Storage Tank (UST) Site 45-1 to the Installation Restoration (IR) Program. UST Site 45-1 is located aboard Marine Corps Base, Camp Lejeune adjacent to Highway 24 just south of the main gate as shown in enclosures 1 and 2. Enclosure 3 is a Notice of Regulatory Requirements (NORR) from your office advising that the site receive a Limited Site Assessment. This area, however, is within an existing Comprehensive Environmental Response, Compensation and Liabilities Act (CERCLA) site, and all subsequent assessments on the area will be completed along with IR Program Site 84.

This transfer does not include Building 45/S941-1,2, which is another UST site (45/S941-1,2) at this same location. Currently there is an air sparge/soil vapor-extraction system in operation. Site 45/S941-1,2, while located in the same general area, will remain an active UST site.

Should you require additional information, please do not hesitate to call Ms. Nikki Hall, Installation Restoration Division, Environmental Management Department, at (910) 451-9610. Mr. Rick Raines, the IR program manager, can be reached at (910) 451-9461.

Sincerely,

SCOTT A. BREWER, PE
Deputy Assistant Chief of Staff
Environmental Management
By direction of
the Commanding General

- Enclosures: 1. Site Map for UST Site 45-1
2. Additional Site Map UST Site 45-1
3. Copy of NORR letter

Copy to: (w/encl)

Ms. Reuther Code 18215, Atlantic Division, NAVFACENG

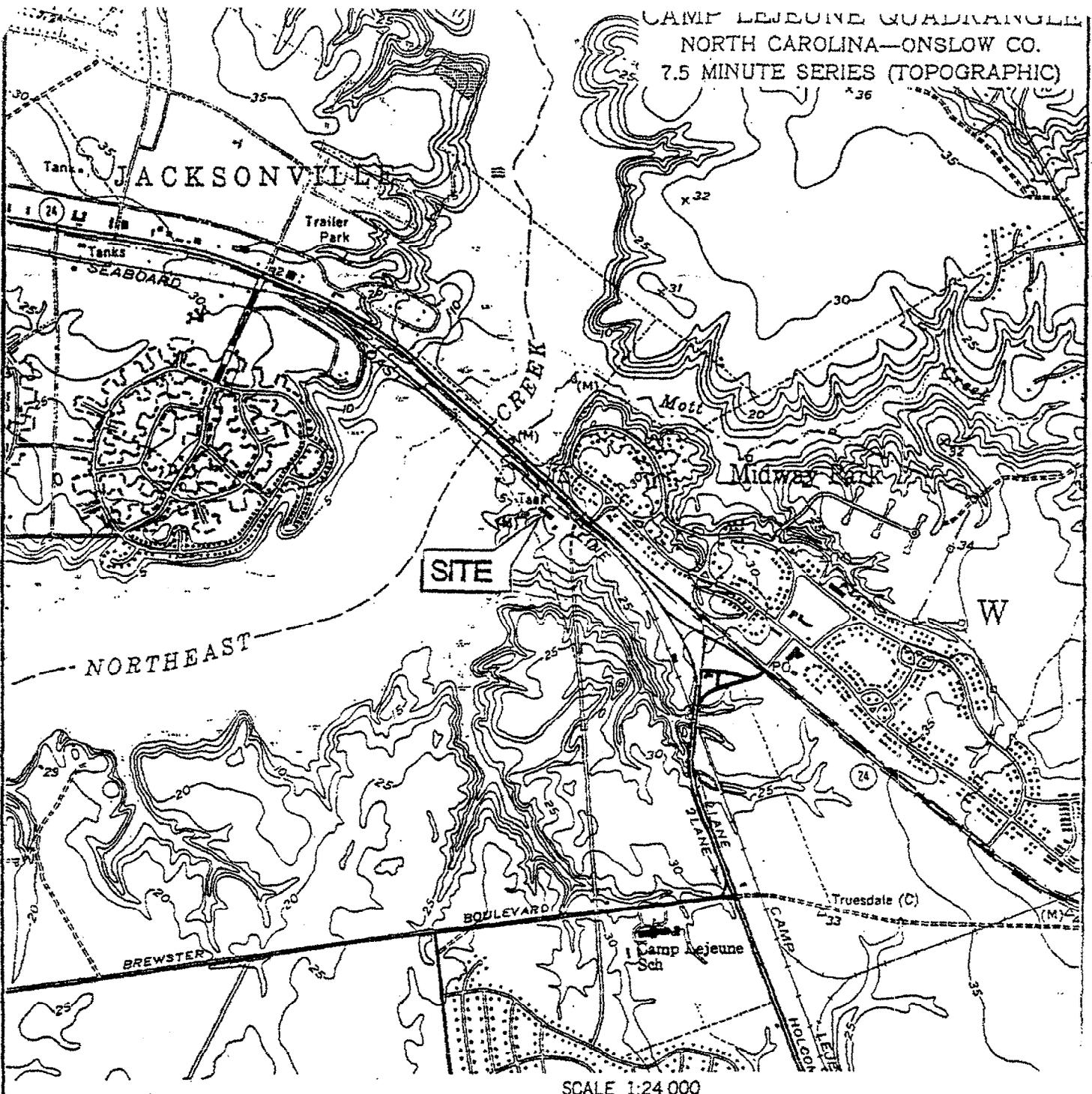
Mr. Stevens Code 1823, Atlantic Division, NAVFACENG

Mr. Dave Lown, NCDENR

Ms. Gena Townsend, EPA Region IV

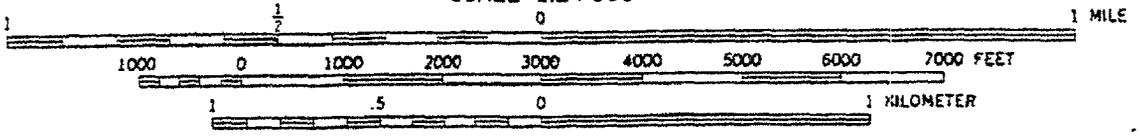
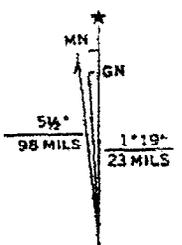
Mr. Rick Raines, MCB, Camp Lejeune, NC

CAMP LEJEUNE QUADRANGLE
 NORTH CAROLINA—ONSLOW CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)



SITE

SCALE 1:24 000



UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 5 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER



J.A. JONES
 ENVIRONMENTAL
 SERVICES

MARINE CORPS BASE
 Camp Lejeune, North Carolina

Figure 1
 Site
 Location

Enclosure (1)

UST SITE 45-1

- Road Edge
- Road Centerline
- Edms Npdes Monitoring Site
- ⊙ Installation Restoration Site Monitor Well Locatio
- Structure Existing

Road Edge Created from AeroDynamics and Eagan McAllister Vector Data From 1996 Flyover of Camp Lejeune

Road Centerline Created from AeroDynamics and Eagan McAllister 1996 Flyover URS/Radian International 1998 Flyover and EMD data

Edms Npdes Monitoring Site Created from NPDES tables

Installation Restoration Site Monitor Well Locatio Created from Baker Environmental GIS Groundwater Monitoring Well Management Plan

Structure Existing Created from AeroDynamics and Eagan McAllister

45-1

45

45/S941-1,2

780

Prepared 15 September 2000 by:
BOB LOWDER, EMD/IRD
451-9607



6 0 6 12 18 24 Meters

Map Projection UTM (NAD83, GRS1980)

INTEGRATED GEOGRAPHIC INFORMATION REPOSITORY
Marine Corps Base, Camp Lejeune, NC

Managed by the GIS Office, Environmental Management Department

NOTE THIS MAP IS FOR REFERENCE ONLY

The requestor must be aware of data conditions and ultimately bear responsibility for the appropriate use of the information with respect to possible errors, original map scale, collection methodology, currency of data, and other conditions specific to certain data

Enclosure (2)

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

August 10, 2000

CERTIFIED MAIL 7000 0600 0023 4229 8940
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-Camp Lejeune-Bldg 45-1
NC Highway 24, Camp Lejeune
Onslow County, N.C.
Incident No. Pending

Dear Ms. Hall:

Information received by this office on June 23, 1993, 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 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 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://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:

Ms. Nikki Hall
August 10, 2000
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DENR/DWM/UST Section
P.O. Box 29616
Raleigh, NC 27626-0616

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, 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 the 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.

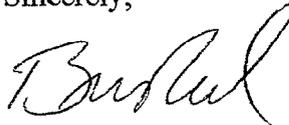
Ms. Nikki Hall
August 10, 2000
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The USMC's prompt attention to the items described herein is required. Failure to comply with the state's rules in the manner and time specified, may result in the assessment of civil penalties and /or the use of other 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 - Central Office
County Manager
WiRO-UST

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