

Faxed back 1/11/2001

Nick ✓
Bob ✓
N '14

**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**

Please return to NLH

December 22, 2000

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

Subject: Review of Report Entitled
"Remedial Action Operation
Optimization Case Study, Campbell
Street Fuel Farm"
Camp Lejeune/MCAS
Onslow County

Dear Ms. Hall:

Thank you for submitting the subject report to the Division on December 4, 2000. We are in general agreement with the recommendations presented in the report. If any major delays are encountered in the implementation of the modified corrective action plans at this site, please report them immediately to the Division. Also, please keep us informed of the progress of activities at this site through periodic monitoring reports. Any permitted treatment system modifications or terminations must be made through the Division of Water Quality.

On Page 3-1 of the report, it was stated that one UST was filled with sand and left in-place. Please advise whether this UST was cleaned prior to abandonment, and how the lines were abandoned. Furthermore, please advise whether a monitoring well is located near this UST, and if any pre-abandonment testing was performed. If this work has not been performed, this office suggests such to rule out this UST as a source of groundwater contamination.

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

Sincerely,

Bruce Reed
Hydrogeologist II

BR
cc: WiRO-UST
s:\ust\bruce\hallcamp.dec



Bob ✓
File: CSFF

State of North Carolina
Department of Environment, Health, and Natural Resources

James B. Hunt, Jr.
Governor

Wilmington Regional Office
Division of Environmental Management
Groundwater Section

Jonathan B. Howes
Secretary

May 2, 1996

Mr. George Dikeman
J.A. Jones Environmental Services
8936 Western Way, Suite 10
Jacksonville, FL 32256

Re: Soil Mound Remediation at
Campbell Street Fuel Farm
USMC Base, Camp Lejeune, NC

Dear Mr. Dikeman:

I received your recent request for a Certificate of Approval to be issued for contaminated soil which is part of the above referenced soil mound located at the Campbell Street Fuel Farm on the USMC Camp Lejeune base property. You also indicated your desire that the soil mound be treated as part of the facility rather than as excavated material. A Certificate of Approval is only issued for excavated soils and does not apply to insitu soil. The Site Sensitivity Evaluation (SSE) applies only to insitu soils and does not apply to excavated material. I agree that you may treat the excavated soil mound as part of the facility and may therefore apply an SSE level for the required clean up level. This being the case, there is no need for a Certificate of Approval. Should you have any questions, please contact Patricia Coughlan at (910) 395-3900.

Yours Very Truly,

Charles F. Stehman, Ph.D., P.G.
Environmental Regional Supervisor I

CFS/PCC/jc

cc: N. Neal Paul
WIRO-GWS

s:\gws\patricia\usmccsff.ltr

5 DEC 2000
OPTIONAL FORM 99 (7-90)

Jeff - FYI on CSFF

| | | |
|-------------------------|--------------------|------------------|
| FAX TRANSMITTAL | | # of pages ▶ 1/1 |
| To Jeff Henninger | From Nikki Hall | |
| Dept./Agency JAJones | Phone # | |
| Fax # 904.363.1421 | Fax # | |

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

| |
|--|
| |
| |
| |
| |
| |

127 Cardinal Drive Extension, Wilmington, N.C. 28405-3845 • Telephone 910-395-3900 • Fax 910-350-2004

An Equal Opportunity Affirmative Action Employer

Printed forwarded to me this AM - Nikki



State of North Carolina
Department of Environment, Health, and Natural Resources

James B. Hunt, Jr.
Governor

Wilmington Regional Office
Division of Environmental Management
Groundwater Section

Jonathan B. Howes
Secretary

May 6, 1996

CERTIFIED MAIL P 455 546 461
RETURN RECEIPT REQUESTED

Mr. Brent Rowse
MCB
ATTN AC/S EMB/IRD
PSC Box 20004
Camp Lejeune, NC 28542-0004

Subject: Review of Three Well Site Check and Additional Investigation
USMC-Camp Lejeune, UST CG-1-1
USMC Base, Camp Lejeune
Onslow County

Dear Mr. Rowse:

The Division of Environmental Management has received the "Three Well Site Check" report and "Additional Investigation" report for the subject facility. Because the levels of contamination in the three monitoring wells are extremely low, and because there are no downgradient supply wells in the vicinity, we are not requiring the preparation of a corrective action plan (CAP) at this time. Please initiate a semiannual monitoring plan for this site immediately and report the results to this office. If future data indicates an increase or movement of contamination, particularly in the direction of water supply wells near the site, you may have to proceed with the preparation of a CAP. The Division will re-evaluate this site when monitoring data from four consecutive sampling events has been received.

If you have any questions, please call Patricia Coughlan at (910) 395-3900.

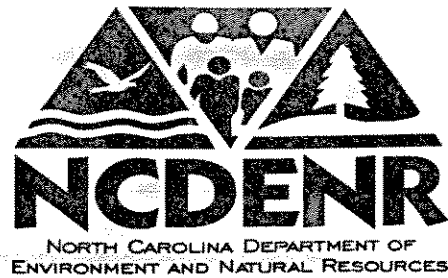
Yours very truly,

Charles F. Stehman, Ph.D., P.G.
Environmental Supervisor I

CFS/PCC/jc

cc: Rick Shiver, WiRO
gws\Patricia\USMCCG11.LTR

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

July 28, 2000

CERTIFIED MAIL #7000 0600 0023 4229 8988
RETURN RECEIPT REQUESTED

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

Subject: Notice of No Further Action
15A NCAC 2L .0115(h)
USMC-Camp Lejeune, Bldg. CG1-1
Robert L. Wilson Boulevard
Camp Lejeune, Onslow County
Incident No. 15367 & 19712
Low Risk Classification

Dear Ms. Hall:

On June 9, 2000, the Division of Waste Management (DWM) Wilmington Regional Office received a Limited Site Assessment with Site Closure Request for the above-referenced site. A review of the report shows that soil contamination does not exceed the residential maximum soil contaminant concentrations established in 15A NCAC 2L .0115(m). A review of the Limited Site Assessment with Site Closure Request 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 DWM determines that no further action is required 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 DWM 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
July 28, 2000
Page 2

Please be advised that because contaminated groundwater has not been restored to the level of the standard or interim standard established in 15A NCAC 2L .0202, groundwater within the area of contamination or within the area where contamination is expected to migrate, **is not suitable** for use as a water supply.

Pursuant to 15A NCAC 2L .0115(e), the USMC has a continuing obligation to notify the DWM of any changes that the USMC know 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 DWM 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 DWM 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 DWM with a description of the manner in which the notice was posted.

Ms. Nikki Hall
July 28, 2000
Page 3

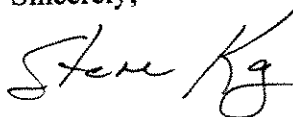
Interested parties may examine the Limited Site Assessment with Site Closure Request by contacting Ms. Nikki Hall at (910) 451-9610. In addition, the DWM Wilmington Regional Office has the Limited Site Assessment with Site Closure Request along with other site information on file and available for public review. Interested parties may arrange to review this information by contacting the regional office as listed below. In addition, comments on the Limited Site Assessment with Site Closure Request 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 must 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 Wilmington Regional Office.

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

Sincerely,



Steve Kay
Acting UST Regional Supervisor

SK/BR

Attachment: Well Abandonment Form

cc: Fay Sweat
WiRO-UST

s:\ust\bruce\hallcg1.nfa

WELL ABANDONMENT RECORD WELL CONTRACTOR _____
WELL CONTRACTOR CERTIFICATION # _____

1. WELL USE (Check Applicable Box): Residential Municipal Industrial Agricultural Monitoring
Recovery Heat Pump Water Injection Other If Other, List Use: _____
2. WELL LOCATION: (Show a sketch of the location on back of form.)
Nearest Town: _____ County _____
(Road Name and Number, Community, Subdivision, Lot No.) _____ Quadrangle No. _____

3. OWNER: _____

4. ADDRESS: _____

5. TOPOGRAPHY: draw, slope, hilltop, valley, flat
(circle one)

6. TOTAL DEPTH: _____ DIAMETER _____

7. CASING REMOVED:

| | |
|-------|----------|
| feet | diameter |
| _____ | _____ |
| _____ | _____ |

8. DISINFECTION: _____

(Amount of 70% hypochlorite used:)

9. SEALING MATERIAL:

| | |
|------------------------|------------------------|
| <u>Neat Cement</u> | <u>Sand Cement</u> |
| bags of cement _____ | bags of cement _____ |
| gallons of water _____ | gallons of water _____ |

Other
Type material _____
Amount _____

10. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

11. DATE WELL ABANDONED _____

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

I do hereby certify that this well was abandoned in accordance with 15A NCAC 2C, well construction standards, and that a copy of the record has been provided to the well owner.

Signature of person abandoning the well _____ Date _____

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, Groundwater Section, one copy to the owner within 30 days from completion of abandonment.