INITIAL SITE ASSESSMENT REPORT
UST CLOSURE BY REMOVAL
1-2000 GALLON USED OIL TANK
BUILDING A-47-2,
CAMP LEJUENE
JACKSONVILLE, NC

PREPARED FOR:

ASSISTANT OFFICER
IN CHARGE OF CONSTRUCTION
CAMP LEJUENE
JACKSONVILLE, NC
I have reviewed the attached report regarding the closure of 1-2000 gallon used oil tank at Building A47, New River Air Station, Camp Lejeune, Jacksonville, N.C. ARM personnel were not present during the closure activities. The report contains all pertinent information normally associated with the closure of an underground storage tank system and also meets the closure guidelines provided by Lt. Steve Shalleen and the State of North Carolina.

ARM Environmental Services, Inc.
Andrew M. Martin
Principal Hydrogeologist
North Carolina Registration # 521
LT. STEVE CHALLEEN
LT. CEC. USN
ASSISTANT OFFICER IN CHARGE OF CONSTRUCTION
CAMP LEJEUNE, JACKSONVILLE, NC

RE: INITIAL SITE ASSESSMENT REPORT
UST CLOSURE BY REMOVAL
1-2000 GALLON USED OIL TANK
BUILDING A47
CAMP LEJEUNE
JACKSONVILLE, NC

DEAR LT. CHALLEEN:

ON 8/13/93 PEELE'S PUMP & TANK COMPANY REMOVED 1-2000 GALLON USED OIL TANK FROM BUILDING A47 JUST BEYOND THE EDGE OF THE TANK RACK. THERE WERE NO SIGNS OF LEAKAGE. AN OVA WAS NOT USED DUE TO THE CONTENTS OF THE TANK (WASTE OIL). SAMPLES WERE TAKEN AT 11 FEET. GROUND WATER WAS NOT ENCOUNTERED. THE SAMPLES CAME BACK SHOWING CONTAMINATION (SEE ATTACHMENT). THE SOIL REMOVED FROM AROUND (29.01 TONS, SEE ATTACHMENT D) THE TANK WAS STOCKPILED AND ON 8/9/94 REMOVED OFF BASE FOR REMEDIATION WITH OTHER SITE STOCKPILES (SEE ATTACHMENT C). THE SAMPLES TAKEN AT 11 FEET WERE AS FOLLOWS:

LRO 142 TPH OIL & GREASE AND TCLP METALS
LRO 143 TPH OIL & GREASE AND TCLP METALS

THE TANK WAS TAKEN BACK TO PEELE'S PUMP & TANK COMPANY IN COLUMBIA, S.C., CUT UP IN 2 FOOT SECTIONS AND SOLD AS SCRAP METAL (SEE ATTACHMENT A).

IF PEELE'S PUMP & TANK COMPANY CAN BE OF FURTHER ASSISTANCE, PLEASE DO NOT HESITATE TO CALL.

SINCERELY

TONY LOVE
QUALITY CONTROL MANAGER
LIST OF FIGURES AND ATTACHMENTS:

ATTACHMENT A: NON-HAZARDOUS WASTE MANIFEST
ATTACHMENT B: TANK MANIFEST
ATTACHMENT C: DISPOSAL OF CONTAMINATED SOIL
ATTACHMENT D: NON-HAZARDOUS WASTE MANIFEST (SOIL)
ATTACHMENT E: SAMPLE PROGRESS REPORT LRO 142
ATTACHMENT F: SAMPLE PROGRESS REPORT LRO 143
ATTACHMENT G: CHAIN OF CUSTODY

FIGURE 1: SITE VICINITY MAP
FIGURE 2: SITE MAP
FIGURE 3: SAMPLE SITE MAP
FIGURE 4: WATER WELL MAP
ATTACHMENT A

TERRADYNE ENVIRONMENTAL SERVICES, INC.
810 Ann Street Fayetteville, NC 28301
919/486-4200 / FAX 919/486-0200

NON-HAZARDOUS WASTE MANIFEST

TERRADYNE JOB 1 01-18-93

ENVR CONSULTANT: Peele J. Team
Contact: Columbia, S.C. 29169

GENERATOR: US Navy Camp Lejeune
Contact: Jacksonville, NC

TRANSPORTER: A 10
Contact: 809 Ford St. 12-11-84

DESTINATION: TERRADYNE ENVIRONMENTAL SERVICES
Contact: Terradyne Office
Facility 510 Ann Street
Fayetteville, NC 28301

WASTE DESCRIPTION: NON-HAZARDOUS PETROLEUM CONTAMINATED

WASTE ORIGINATION POINT (COMPLETE ADDRESS): Camp Lejeune, Jacksonville

TRUCK 1 84 GROSS WEIGHT: 41790
TARE WEIGHT: 85170
NET WEIGHT: 33270

GENERATOR'S CERTIFICATION: I certify the materials described above are not hazardous to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

PRINTED/TYPED NAME, TITLE SIGNATURE DATE

Terry Louelle

TRUCK DRIVER'S SIGNATURE (ACKNOWLEDGMENT OF RECEIPT OF MATERIAL): Mia Childs
Date: 7-13-93

NOTED DISCREPANCIES:

INSPECTED & ACCEPTED (except as noted above) By: TERRADYNE ENVIRONMENTAL SERVICES
SIGNED BY: James 11/1993

TRUCKS MUST HAVE (1) THIS MANIFEST AND (2) WEIGHT TICKET
TRUCKERS MUST KNOW TARE WEIGHT

WHITE: Terradyne Office
CAMARR: Invoice
PLACE: Transporter
GOLDENROD: Cumberland County Landfill
Manifest for Underground Tank Disposal

Peele's Pump and Tank Service
Remove Underground Storage Tanks
Camp Lejeune, North Carolina
# N62410-91-B-7395

This is to manifest that the storage tank at site # 847 was taken to Columbia, South Carolina dismantled and disposed of as scrap metal on this date 3-29-93 as per all local, state, and federal guidelines.

Peele's Pump and Tank Co. takes full responsibility and ownership of all tanks removed on this project.

Sincerely,

[Signature]

Thomas Peele
ATTACHMENT C

CARLISLE CONTRACTORS, INC.
Larry Carlisle
Route 1, Box 61A
AURVYVILLE, NORTH CAROLINA 28318

(919) 567-6138
(919) 485-1207

NC PERMIT NO. SR0600035

Aug 10, 1994

Tony
Peels Pump & Tank Co.
401 Parnell St.
West Columbia. SC 29169

For: REMOVAL OF CONTAMINATED SOIL FROM Dept. of Navy Camp
Lejeune, NC 28542-5000

259.98 tons of Contaminated Soil @ $20.50 per ton = $5,145.09

We release Peels Pump and Tank Co. and Camp Lejeune of any
responsibility of contaminated soil.

Billy Autry
Soil Remediation

1997. 32 yr
## ATTACHMENT D

### NON-HAZARDOUS WASTE MANIFEST

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Generator's Name and Mailing Address</th>
<th>4. Generator's Phone (503)</th>
<th>5. Transporter 1 Company Name</th>
<th>6. US EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pellea Petroleum Co.</td>
<td>391-8006</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Transporter 2 Company Name</th>
<th>8. US EPA ID Number</th>
<th>9. Designated Facility Name and Site Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>CARLISLE FARMS INC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rt. 1 Box 61 A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Autryville, NC 28318</td>
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<table>
<thead>
<tr>
<th>10. US EPA ID Number</th>
<th>11. Waste Shipping Name and Description</th>
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<tr>
<td>SR0600035</td>
<td>petroleum contaminated soil</td>
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<th></th>
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<tr>
<td>2</td>
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<td>LB</td>
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<tr>
<td></td>
<td>29.01</td>
<td>t</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15. Special Handling Instructions and Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### GENERATOR'S CERTIFICATION:
I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

**Printed/Typed Name:** Pelea Petroleum Co  
**Signature:** [Signature]  
**Month Day Year:** 8/17/94

### TRANSPORTER 1
**Printed/Typed Name:** Gerald Fisher  
**Signature:** [Signature]  
**Month Day Year:** 8/9/94

### TRANSPORTER 2
**Printed/Typed Name:** Shane Johnson  
**Signature:** [Signature]  
**Month Day Year:** 8/9/94

### FACILITY OWNER OR OPERATOR
**Printed/Typed Name:** Shane Johnson  
**Signature:** [Signature]  
**Month Day Year:** 8/9/94

**ORIGINAL-RETURN TO GENERATOR**
**ANALYTICAL REPORT**

**Sample Location:** LR0142

**Date Collected:** 7/20/94

**Time Collected:** 10:11

**Sampled by:** MIKE JOHNSON

---

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>PDL</th>
<th>Date</th>
<th>Time</th>
<th>Analyst</th>
<th>Method</th>
</tr>
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<tbody>
<tr>
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<td>70.1</td>
<td>mg/kg</td>
<td>10.0</td>
<td>7/29/94 15:41</td>
<td>JHogancamp</td>
<td>9071</td>
<td></td>
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</tbody>
</table>

**TCLP Results**

<table>
<thead>
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<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Reg Limit</th>
<th>Matrix Spike Recovery (%)</th>
<th>Date</th>
<th>Method</th>
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</thead>
<tbody>
<tr>
<td>Arsenic</td>
<td>&lt; 0.10</td>
<td>mg/l</td>
<td>5.0</td>
<td>111</td>
<td>8/1/94</td>
<td>7060</td>
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<tr>
<td>Barium</td>
<td>&lt; 1.00</td>
<td>mg/l</td>
<td>100</td>
<td>93</td>
<td>8/1/94</td>
<td>6010</td>
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<tr>
<td>Cadmium</td>
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<td>mg/l</td>
<td>1.0</td>
<td>92</td>
<td>8/1/94</td>
<td>6010</td>
</tr>
<tr>
<td>Chromium</td>
<td>&lt; 0.50</td>
<td>mg/l</td>
<td>5.0</td>
<td>89</td>
<td>8/1/94</td>
<td>6010</td>
</tr>
<tr>
<td>Lead</td>
<td>&lt; 0.50</td>
<td>mg/l</td>
<td>5.0</td>
<td>92</td>
<td>8/1/94</td>
<td>6010</td>
</tr>
<tr>
<td>Mercury</td>
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<td>0.20</td>
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<td>8/1/94</td>
<td>7471</td>
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<tr>
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<td>mg/l</td>
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<td>101</td>
<td>8/1/94</td>
<td>7740</td>
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<tr>
<td>Silver</td>
<td>&lt; 0.10</td>
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<td>5.0</td>
<td>86</td>
<td>8/1/94</td>
<td>6010</td>
</tr>
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</table>

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

Report Approved by: [Signature]

COPY 1
**ANALYTICAL REPORT**

LANDREC 5970  
ATTN. MIKE JOHNSON  
2231 DIVINE STREET SUITE #202  
COLUMBIA, SC. 29205

**Sample Location:** LR0143  
LEJUNE

**Date Collected:** 7/20/94  
**Time Collected:** 10:11  
**Sampled by:** MIKE JOHNSON

**Lab Number:** 94-A037060  
**Date Received:** 7/28/94  
**Time Received:** 9:00  
**Lab Certification:** 307

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<th>Date</th>
<th>Time</th>
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<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Units</th>
<th>Reg Limit</th>
<th>Matrix Spike Recovery (%)</th>
<th>Date</th>
<th>Method</th>
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<td>mg/l</td>
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<td>5.0</td>
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<tr>
<td>Lead</td>
<td>&lt; 0.50</td>
<td>mg/l</td>
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<td>8/1/94</td>
<td>6010</td>
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<td>mg/l</td>
<td>0.20</td>
<td>108</td>
<td>8/1/94</td>
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<td>7740</td>
</tr>
<tr>
<td>Silver</td>
<td>&lt; 0.10</td>
<td>mg/l</td>
<td>5.0</td>
<td>86</td>
<td>8/1/94</td>
<td>6010</td>
</tr>
</tbody>
</table>

**TCLP Preparation** follows method 1311 SW-846 as revised November 24, 1992 (47 CFR 55114).

Report Approved by: [Signature]

COPY 1
### Chain of Custody

**ATTACHMENT G**

<table>
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<th>Program Area:</th>
<th>Soil</th>
<th>Other</th>
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<tbody>
<tr>
<td>Water:</td>
<td>Drinking</td>
<td>Waste</td>
</tr>
</tbody>
</table>

- **Account:**
- **Name:**
- **Address:**
- **Phone:**

**Billing Control Number (For Lab Use Only):**

**LANDREC, INC.**

- **P.O. Box 50528**
- **Columbia, SC 29250-0528**
- **(803) 254-1545**
- **Fax: (803) 779-8538**

**Samplers (Signature-Please Print):**

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<th>SMN#</th>
<th>Sample Description</th>
<th>Date</th>
<th>Time</th>
<th>Analysis Requested</th>
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<tr>
<td>A-02-A</td>
<td>LR0142</td>
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<td>9071 1311</td>
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<tr>
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<td>9071 1311</td>
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<td>LR0146</td>
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<td>A-02-A</td>
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<tr>
<td>A-02-A</td>
<td>LR0148</td>
<td>6/24/91</td>
<td>1:00 PM</td>
<td>5030</td>
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</tbody>
</table>

**Relinquished by (Signature):**

- **Date:** 7/25 8:50 AM

**Remarks:**

---

**Analysis Requested:**

- **LR0142:** 9071 1311
- **LR0143:** 9071 1311
- **LR0144:** Void
- **LR0145:** 9071 1311
- **LR0146:** Void
- **LR0147:** 5030
- **LR0148:** 5030

---

**Analysis Requested:**

- **LR0142:** 9071 1311
- **LR0143:** 9071 1311
- **LR0144:** Void
- **LR0145:** 9071 1311
- **LR0146:** Void
- **LR0147:** 5030
- **LR0148:** 5030

---

**Remarks:**
2000 gal. underground used oil storage tank

8" thick concrete pavement

Sample LR0 143

2' x 2' metal cover for fill

Sample LR0 143

Building A47

Figure 3
Peele's Pump and Tank Company
(AFFILIATE OF PEELE'S ELECTRIC CO., INC.)
401 PARNELL STREET
WEST COLUMBIA, SC 29169
(803) 791-8006 / FAX (803) 791-5670

LT. STEVE CHALLEEN
LT. CEC. USN
ASSISTANT OFFICER
IN CHARGE OF CONSTRUCTION
CAMP LEJUENE, JACKSONVILLE, NC

RE: INITIAL SITE ASSESSMENT REPORT
UST CLOSURE BY REMOVAL
1-2000 GALLON USED OIL TANK
BUILDING A-47
CAMP LEJUENE
JACKSONVILLE, NC

DEAR LT. CHALLEEN:

ON 08/13/03 PEELE'S PUMP & TANK COMPANY REMOVED 1-2000 GALLON USED OIL TANK FROM RU III DING A-47 JUST BEYOND THE EDGE OF THE TANK RACK. THERE WERE NO SIGNS OF LEAKAGE. AN OVA WAS NOT USED DUE TO THE CONTENTS OF THE TANK (WASTE OIL). SAMPLES WERE TAKEN AT 11 FEET. GROUND WATER WAS NOT ENCOUNTERED. THE SAMPLES CAME BACK SHOWING CONTAMINATION (SEE ATTACHMENT). THE COIL REMOVED FROM AROUND THE TANK WAS STOCKPILED ON AND UNDER PLASTIC AT LOT 204 (30 TONS), AND THEN WAS MOVED TO LOT 901 FOR REMEDIATION UNDER ANOTHER CONTRACT AT A LATER DATE.

THE SAMPLES TAKEN AT 11 FEET WERE AS FOLLOWS:

| LRG 142 | TPH OIL & GREASE AND TCLP METALS |
| LRG 143 | TPH OIL & GREASE AND TCLP METALS |

THE TANK WAS TAKEN BACK TO PEELE'S PUMP & TANK COMPANY IN COLUMBIA, S.C., CUT UP IN 2 FOOT SECTIONS AND SOLD AS SCRAP METAL (SEE ATTACHMENT A).

IF PEELE'S PUMP & TANK COMPANY CAN BE OF FURTHER ASSISTANCE, PLEASE DO NOT HESITATE TO CALL.

SINCERELY,

[Signature]

TONY LOVEITT
PEELE'S PUMP & TANK COMPANY
QUALITY CONTROL MANAGER
### I. Ownership of Tank(s)

- **Owner Name**: Cara Lejeune
- **Address**: Camp Lejeune
- **City**: Jacksonville, N.C.
- **State**: Onslow
- **Zip Code**: 28542
- **Telephone Number**: 910-533-9740
- **Area Code**: 910

### II. Location of Tank(s)

- **Facility Name or Company**: Camp Lejeune
- **Facility ID # if available**: A-47
- **Street Address or State Road**: A-47 - 2
- **City**: Jacksonville, N.C.
- **State**: Onslow
- **Zip Code**: 28542
- **Telephone Number**: 910-533-9740
- **Area Code**: 910

### III. Contact Person

- **Name**: John Cotton
- **Job Title**: Inspector
- **Telephone Number**: 910-451-2581
- **Area Code**: 910
- **Job Title**: Closure Contractor
- **Company**: Peele's Pump & Tank Co
- **Address**: 401 Parnell St. W.
- **City**: Columbia
- **State**: SC
- **Zip Code**: 29101
- **Telephone Number**: 803-791-8006

### IV. U.S.T. Information

<table>
<thead>
<tr>
<th>Tank No.</th>
<th>Size in Gallons</th>
<th>Tank Dimensions</th>
<th>Last Contents</th>
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<tbody>
<tr>
<td>1</td>
<td>1,0000</td>
<td>4' x 12'</td>
<td>X</td>
</tr>
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</table>

### V. Excavation Condition

- **Water in Excavation**: Yes
- **Free Product**: Yes
- **Nuisance Odor or Visible Soil Contamination**: Yes

### VI. Additional Information Required

See reverse side of pink copy (owner's copy) for additional information required by N.C. DEM in the written report and sketch.

### VII. Check List

- [ ] Contact local fire marshall
- [ ] Notify DEM Regional Office before abandonment
- [ ] Drain & flush piping into tank
- [ ] Remove all product and residuals from tank
- [ ] Excavate down to tank
- [ ] Clean and inspect tank
- [ ] Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures
- [ ] Cap or plug all lines except the vent and fill lines
- [ ] Purge tank of all product & flammable vapors
- [ ] Cut one or more large holes in the tank
- [ ] Backfill the area

**Date Tank(s) Permanently closed**: 8-13-93

**Date of Change-In-Service**: 12-31-93

### VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative: Cara Lejeune

Print signature: [Signature]

Print date signed: 11/10/93

*Note: For a complete record, this form is available in White Copy (Regional Office), Yellow Copy (Central Office), and Pink Copy (Owner).*
From: Commanding General, Marine Corps Base, Camp Lejeune  
To: Commander, Atlantic Division, Naval Facilities Engineering Command, Attn: Mr. Stephen Chambliss (1821), 151 Gilbert Street, Norfolk, Virginia 23511-2699  

Subj: LEAKING UNDERGROUND STORAGE TANKS (USTs) ELIGIBLE FOR DEFENSE ENVIRONMENTAL RESTORATION ACCOUNT (DERA) FUNDING  

Encl: (1) Integrity Test Data Sheets (9 pages)  

1. According to current Navy policy, the investigation and remediation of leaking UST sites can be DERA funded only if release is identified by initial leak detection (integrity testing or other comparable method) prior to 22 December 93. Using this policy, DERA eligibility will herein be established for nine Marine Corps Base, Camp Lejeune UST sites.

2. The enclosure shows that the following UST systems failed integrity testing on the dates shown:

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<thead>
<tr>
<th>UST System</th>
<th>Test Date</th>
<th>UST System</th>
<th>Test Date</th>
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<td>11 May 93</td>
<td>FC-255-1</td>
<td>18 May 93</td>
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<td>1780-1</td>
<td>12 May 93</td>
<td>AS-4159-2</td>
<td>26 May 93</td>
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<td>1880-1</td>
<td>7 May 93</td>
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<td>25 May 93</td>
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<tr>
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<td>1613-2</td>
<td>26 Apr 93</td>
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</tbody>
</table>

A copy of the enclosure was provided to Mr. Charlie Hilton in August 1993.

3. Since releases from the above-listed UST systems were identified before 22 December 93, their investigations and remediations are eligible for DERA funding. However, we will not initiate these investigations until the tanks are removed during CY94.

4. If you have any questions, please contact Mr. Mark Spangler, Installation Restoration Division, Environmental Management Department, at telephone (919) 451-5063 or DSN 484-5063.

ROBERT L. WARREN  
By direction
SITE CHECK REQUEST FORM

date: 7/26/93

From: EMI (Division)

(Point of contact)

(Phone number)

To: Installation Restoration Division

Subj: NEED FOR SITE CHECK AT SUSPECTED LEAKING UST SITE

1. UST EG&G ID Number: 

2. Nearest building number: A 47-2

3. Date regulator was notified: 5/13/93

4. How regulator was notified: (Closure report, Phone)

5. Why is release suspected?
   a. Initial tank test
   b. Annual tank test
   c. Soil Analysis
   d. Monthly monitoring
   e. Visual Free Product (not a sheen)
   f. Other

6. Enclose the following backup data: testing results, site map, storage capacity, type of petroleum product, installation date

7. If suspected contamination is the result of a past event, such as a spill, provide relevant information (such as date of event, nature of event, size of spill) in the following space:

-------------------------------------------------
-------------------------------------------------
-------------------------------------------------

Please include any other information on the suspected release that will be useful.
To: LANTDIV Code 1821

Subject: NEED FOR SITE CHECK AT SUSPECTED LEAKING UST SITE

1. UST ID Number: A-47-2
2. Nearest building number: A-47
3. Date Regulator was notified: 5/13/93
4. Did you report either suspected or confirmed release (please circle one)?
5. Why is released suspected?
   a. Initial tank test
   b. Annual tank test
   c. Tank removal
   d. Monthly monitoring
   e. Discovered during construction
   f. Fuel coming out of ground
   g. Other (please explain)

   Please enclose any backup data, such as testing results and site sketches that you may have on this site.

6. If suspected contamination is the result of a past event, such as a spill, please provide relevant information (such as date of event, nature of event, size of spill, type of product, etc.) in the following space:

7. Please fax this to (804)445-6662, attention Code 1821, as soon as possible.

Signature of Environmental Coordinator

Please feel free to include any other information on the suspected release that you may feel is useful to us (a site sketch would be nice).
**VacuTect™ TEST REPORT**

**Owner:** CAMP LEJEUNE  
**Site #:** A-47  
**Date:** 5/11/93  
**Phone:** 919-876-0416  
**Attn:** DOUG DIXON

### TANKS

<table>
<thead>
<tr>
<th>Tank No</th>
<th>Tank Product</th>
<th>Tank Capacity</th>
<th>Tank Code</th>
<th>Test Date</th>
<th>Start Time</th>
<th>End Time</th>
<th>Water Ingress Detected</th>
<th>Bubble Air Ingress Detected</th>
<th>Tank Tightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-47-2</td>
<td>WST 2K</td>
<td></td>
<td>A-47-2</td>
<td>04/03</td>
<td>12:11</td>
<td>1:20</td>
<td>No</td>
<td>No</td>
<td>100% Pump Pass</td>
</tr>
</tbody>
</table>

### LINES

<table>
<thead>
<tr>
<th>Line #</th>
<th>Line Material</th>
<th>Line Delivery Method</th>
<th>Line Length</th>
<th>Line Pressure</th>
<th>Line Test Date</th>
<th>Line End Time</th>
<th>Leak Rate (GPH)</th>
<th>Leak Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

**TANKS and LINES Tested to CFR-40 Parts 280-281 & NFTA-329 Specs:**

- Tank # A-47-2
- Line # 10a
  - Pump Pass: 04/03
  - Leak Test: 04/03
  - Leak Rate: 1.20 GPH

**Other:**

- Tank # A-47-2
- Line # 10a
  - Pump Pass: 04/03
  - Leak Test: 04/03
  - Leak Rate: 1.20 GPH

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**Tankology Corporation International**

5225 Hollister St., Houston, TX 77040

(800) 888-8563 • FAX (713) 693-2255

**NOTE:** Original VacuTect Data recordings are reviewed by Tankology's Audit Control Department and maintained on file.

TAN-91
MONITOR WELLS

Well Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12
---|---|---|---|---|---|---|---|---|---|---|---|---
Well Depth | | | | | | | | | | | | |
Depth to Water | NO MONITORING WELLS IN VICINITY OF TANK.
Product Detected | AMOUNT in inches | | | | | | | | | | | |

Location Diagram

- REMOTE FILL DRAINS (10)
- CLEANOUTS (5) (PVC)
- LUBE PITS (5)
- 3" FILL
- TANK #1 (WST) A-47-2 2K-64" St.
- Q - 2" VENT

Parts and Labor used

General Comments

VACUUM PULLED FROM 2" VENT. REMOTE FILL LINES TESTED WITH TANK #1 (WST) VIA VACUAECT. TANK #1 (A-47-2) HAS 10 REMOTE FILLS AND 5 CLEANOUTS. THE CLEANOUTS ARE MADE OF PVC. TANK #1 (A-47-2) FAILED PER JOE TRICK WITH AN UPLIFT AIR INGRESS. THE PROBLEM WITH THIS TANK SYSTEM IS LIKELY IN THE CLEANOUTS OR THE REMOTE FILL LINES. IT IS OFTEN DIFFICULT TO GET TIGHT TANK RESULTS WHEN PVC PIPING IS INVOLVED.

When OWNER or local regulations require immediate reporting of a system failure, complete the following:

REPORTED TO: **BILL WARD**
DATE: 5/11/93
TIME: 12:00

Phone #: 451-5687
OWNER or Regulatory Agency: **CAMP LEJEUNE**
FILE NUMBER: 

Print Certified Testers Name: **JOHN W. BRACKWELL**
Vacuum Certification Number: 0189
Date Testing Completed: 5/11/93
Notification is required by Federal law. For all underground storage tanks that have been or are used to store regulated substances since January 1, 1973, that are to be on the list of facilities as of May 8, 1986, or that are brought into the list after May 12, 1986, the owner or reconditioning is required by Section 900 of the Resource Conservation and Recovery Act (RCRA), as amended.

The primary purpose of this notification program is to locate all underground storage tanks that store or handle petroleum or hazardous substances. It is expected that the information you provide will be used to maintain records, or, in the absence of such records, your knowledge, interest, or location.

Who Must Notify? Section 902 of RCRA, as amended, states that the owner, operator, or reconditioning of underground storage tanks, unless exempted, owners of underground storage tanks that do not meet regulatory requirements, domestic or industrial use, the underground storage tanks, as defined by Section 905 of RCRA, are not required, (a) in the case of an underground storage tank in use on January 1, 1974, or brought into use after that date, if the person owning an underground storage tank (b) in the case of any underground storage tank in use before November 8, 1976, but not in use on that date, if any person who owns such a tank on the date of the notification.

What Tanks Are Excluded? Underground storage tanks in the regular course of business, or a combination of tanks that are used to contain an accumulation of regulated substances, and (2) three or more tanks, including converted underground storage tanks, are not included. Such examples are underground storage tanks, non-vessel, used oil, oil, or diesel fuel, and (2) three or more tanks, including converted underground storage tanks, are not included. Such persons are entitled to a notification, but it must be filled out and returned to the EPA within 30 days of bringing the tank into service.

Where To Notify? Completed notification forms should be sent to the address below and in your own name.

When To Notify? Owners of underground storage tanks that are not covered by the above rules, under Section 903 of RCRA, are not required to file a notification, but it must be filled out and returned to the EPA within 30 days of bringing the tank into service.

Penalties. Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

Please type or print in all bold letters and complete the form in block letters. If more than one form is required, use the reverse side and staple the forms together.

Section Title:

Owner Name (Corporation, Individual, Public Agency, Etc.)

MARINE CORPS BASE, CAMP LEJEUNE

Street Address

PSG BOX 20094

City

ONSLAW

State

ZIP Code

Area Code

Phone Number

(919) 451-5063

Number of underground storage tanks

2

Type of Owner (Mark all that apply)

Current State or Local Government

Former Federal

State or Local Government

Federal

Other

Nature of Business

Corporate

Other

Number of underground storage tanks

2

Facility Name or Company Site Identifier, if applicable

A-47

Street Address or State Road

JACKSONVILLE, NC

ZIP Code

City (nearest)

ONSLAW

State

ZIP Code

Number of underground storage tanks

2

Mark here if tanks are located on land within

an Indian reservation or on other Indian tribal lands

Signature

BRENT ROWSE (Environmental Engineer)

Date Signed

1 JUNE 93

EPA estimates public reporting burden for this form is 3 hours. Your comments are important to us, please call 1-800-228-7888 or write to PRA Off. from the Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503, at Attention: OMB.

EPA
### 1. Status of Tank

- [ ] Currently in Use
- [ ] Temporarily Out of Use
- [ ] Permanently Out of Use
- [ ] Brought into Use after 5/1/86

### 2. Estimated Age (Years)

- [ ] 7

### 3. Estimated Total Capacity (Gallons)

- [ ] 2000
- [ ] 30000

### 4. Material of Construction

- [ ] Steel
- [ ] Concrete
- [ ] Fiberglass Reinforced Plastic
- [ ] Unknown
- [ ] Other, Please Specify

### 5. Internal Protection

- [ ] Cathodic Protection
- [ ] Interior Lining (e.g., epoxy resins)
- [ ] None
- [ ] Unknown
- [ ] Other, Please Specify

### 6. External Protection

- [ ] Cathodic Protection
- [ ] Painted (e.g., asphaltic)
- [ ] Fiberglass Reinforced Plastic Coated
- [ ] None
- [ ] Unknown
- [ ] Other, Please Specify

### 7. Piping

- [ ] Bare Steel
- [ ] Galvanized Steel
- [ ] Fiberglass Reinforced Plastic
- [ ] Cathodically Protected
- [ ] Unknown
- [ ] Other, Please Specify

### 8. Substance Currently or Last Stored

<table>
<thead>
<tr>
<th>(Mark all that apply)</th>
<th>Tank No.</th>
<th>Tank No.</th>
<th>Tank No.</th>
<th>Tank No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diesel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kerosene</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gasoline (including alcohol blends)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Oil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other, Please Specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please Indicate Name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No.
Mark box [X] if tank stores a mixture of substances
Mark box [X] if unknown

### 9. Additional Information (for tanks permanently taken out of service)

- a. Estimated date last used (mo/yr)
- b. Estimated quantity of substance remaining (gal)
- c. Mark box [X] if tank was filled with inert material (e.g., sand, concrete)

[Form 1530-1 (Revised 6-86)] Reverse
VII. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW TANKS AT THIS LOCATION)

10. Installation (mark all that apply):

☐ The installer has been certified by the tank and piping manufacturers.
☐ The installer has been certified or licensed by the implementing agency.
☐ The installation has been inspected and certified by a registered professional engineer.
☐ The installation has been inspected and approved by the implementing agency.
☐ All work listed on the manufacturer's installation checklists has been completed.
☐ Another method was used as allowed by the implementing agency. Please specify: _Unknown_

11. Release Detection (mark all that apply):

☐ Manual tank gauging.
☐ Tank tightness testing with inventory controls
☐ Automatic tank gauging.
☐ Vapor monitoring.
☐ Ground-water monitoring.
☐ Interstitial monitoring within a secondary barrier.
☐ Interstitial monitoring within secondary containment.
☐ Automatic line leak detectors.
☐ Line tightness testing.
☐ Another method allowed by the implementing agency. Please specify: _NONE_

12. Corrosion Protection (if applicable)

☐ As specified for coated steel tanks with cathodic protection.
☐ As specified for coated steel piping with cathodic protection.
☐ Another method allowed by the implementing agency. Please specify: _NONE_

13. I have financial responsibility in accordance with Subpart I. Please specify:

Method ________________________________
Insurer: ________________________________
Policy Number: __________________________

14. OATH. I certify that the information concerning installation provided in Item 10 is true to the best of my belief and knowledge.

Installer: ________________________________
Name: ________________________________
Date: ________________________________
Position: ________________________________
Company: ________________________________