

mailed to DEPE
4-8-94 CJ



DEPARTMENT OF THE ARMY
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, New Jersey 07703-5000



REPLY TO
ATTENTION OF

April 8, 1994

Directorate of Public Works

New Jersey Department of
Environmental Protection and Energy
Bureau of Underground Storage Tanks
Tank Management Section
CN 029, 401 East State Street
Trenton, NJ 08625 - 0028
ATTN: Mrs. J. DiClaudio, Facility Case Manager

Re: Site Assessment Summary Report pertaining to the
UST removal and discharge corrective action activities at:
UST #00192486-30 (Bldg. 3050)
CASE # 92-1-28-1324-37

Dear Mrs. DiClaudio:

This is in response to the above referenced UST closure. Mr. Appleby, Environmental Protection Specialist (UST Cert. #2056) has inspected the above referenced site and has not identified any immediate health or environmental concerns. To-Date the UST has been removed and we are awaiting additional sampling at the site to establish the VOC concentrations and subsequent remedial activities as needed. All activities will be performed IAW all Federal and State regulations and overseen by Mr. Appleby.

I have enclosed an Underground Storage Tank Closure and Site Investigation Report which was prepared by Roy F. Weston Inc..

If the information provided in this enclosure is inadequate or you require further information with regard to any UST activities please contact Mr. Appleby, at (908) 532-6224.

Sincerely,

Mr. Charles Appleby
Environmental Protection Spec.
Subsurface/Closure
NJDEPE Cert. # 2056

Mr. James Ott
Acting Director
Directorate of
Public Works

ENCLOSURES:
NJDEPE UST SAS FORM AND RESPONSES
UST CLOSURE REPORT

SE/PM - RW - EV
Com. w/ Reg. UST File Copy

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATER RESOURCES
BUREAU OF UNDERGROUND STORAGE TANKS
TANK MANAGEMENT SECTION

CN 029, 401 EAST STATE STREET
TRENTON, N.J. 08625-0029

| | |
|------------|-------|
| UST # | _____ |
| Date Rec'd | _____ |
| TMS # | _____ |
| Staff | _____ |

**UNDERGROUND STORAGE TANK
SITE ASSESSMENT SUMMARY**

*Under the provisions of the Underground Storage
of Hazardous Substances Act
in accordance with N.J.A.C. 7:14B*

This Summary form shall be used by all owners and operators of Underground Storage Tank Systems (USTS) who have either reported a release and are subject to the site assessment requirements of N.J.A.C. 7:14B-8.2 or who have closed USTS pursuant to N.J.A.C. 7:14B-9.1 et seq. and are subject to the site assessment requirements of N.J.A.C. 7:14B-9.2 and 9.3.

INSTRUCTIONS:

- Please print legibly or type.
- Fill in all applicable blanks. This form will require various attachments in order to complete the Summary. The technical guidance document, Interim Closure Requirements for UST's, explains the regulatory (and technical) requirements for closure and the Scope of Work, Investigation and Corrective Action Requirements for Discharges from Underground Storage Tanks and Piping Systems explains the regulatory (and technical) requirements for corrective action.
- Return one original of the form and all required attachments to the above address.
- Attach a scaled site diagram of the subject facility which shows the information specified in Item IV B of this form.
- Explain any "No" or "N/A" response on a separate sheet.

Date of Submission 02 February 1994

0192486-30

FACILITY REGISTRATION #

I. FACILITY NAME AND ADDRESS

U S Army Fort Monmouth

 Building 167 DEH

 Fort Monmouth, NJ 07703 County Monmouth

 Telephone No. (908) 532-1475

OWNER'S NAME AND ADDRESS, if different from above

 Telephone No. _____

II. DISCHARGE REPORTING REQUIREMENTS

- A. Was contamination found? Yes No If Yes, Case No. 92-1-28-1324-37
(Note: All discharges must be reported to the Environmental Action Hotline (609) 292-7172)
- B. The substance(s) discharged was(were) #2 Fuel Oil
- C. Have any vapor hazards been mitigated? Yes No N/A

III. DECOMMISSIONING OF TANK SYSTEMS

Closure Approval No. C-91-2839

The site assessment requirements associated with tank decommissioning are explained in the Technical Guidance Document, Interim Closure Requirements for UST's, Section V. A-D. Attach complete documentation of the methods used and the results obtained for each of the steps of tank decommissioning used. Please include a site map which shows the locations of all samples and borings, the location of all tanks and piping runs at the facility at the beginning of the tank closure operation and annotated to differentiate the status of all tanks and piping (e.g., removed, abandoned, temporarily closed, etc.). The same site map can be used to document other parts of the site assessment requirements, if it is properly and legibly annotated.

IV. SITE ASSESSMENT REQUIREMENTS

A. Excavated Soil

Any evidence of contamination in excavated soil will require that the soil be classified as either Hazardous Waste or Non-Hazardous Waste. Please include all required documentation of compliance with the requirements for handling contaminated excavated soil (if any was present) as explained in the technical guidance documents for closure and corrective action. Describe amount of soil removed, its classification, and disposal location.

B. Scaled Site Diagrams

1. Scaled site diagrams must be attached which include the following information:

- a. North arrow and scale
- b. The locations of the ground water monitoring wells
- c. Location and depth of each soil sample and boring
- d. All major surface and sub-surface structures and utilities
- e. Approximate property boundaries
- f. All existing or closed underground storage tank systems, including appurtenant piping
- g. A cross-sectional view indicating depth of tank, stratigraphy and location of water table
- h. Locations of surface water bodies

C. Soil samples and borings (check appropriate answer)

1. Were soil samples taken from the excavation as prescribed? Yes No N/A
2. Were soil borings taken at the tank system closure site as prescribed? Yes No N/A
3. Attach the analytical results in tabular form and include the following information about each sample:
 - a. Customer sample number (keyed to the site map)
 - b. The depth of the soil sample
 - c. Soil boring logs
 - d. Method detection limit of the method used
 - e. QA/QC information as required

D. Ground Water Monitoring

1. Number of ground water monitoring wells installed N/A
2. Attach the analytical results of the ground water samples in tabular form. Include the following information for each sample from each well:
 - a. Site diagram number for each well installed
 - b. Depth of ground water surface
 - c. Depth of screened interval
 - d. Method detection limit of the method used
 - e. Well logs
 - f. Well permit numbers
 - g. QA/QC information as required

V. SOIL CONTAMINATION

- A. Was soil contamination found? Yes No
If "Yes", please answer Question B-E
If "No", please answer Question B
- B. The highest soil contamination still remaining in the ground has been determined to be:
 1. N/A ppb total BTEX, N/A ppb total non-targeted VOC
 2. N/A ppb total B/N, N/A ppb total non-targeted B/N
 3. 7,200 ppm TPHC
 4. N/A ppb N/A (for non-petroleum substance)
- C. Remediation of free product contaminated soils
 1. All free product contaminated soil on the property boundaries and above the water table are believed to have been removed from the subsurface Yes No
 2. Free product contaminated soils are suspected to exist below the water table Yes No
 3. Free product contaminated soils are suspected to exist off the property boundaries. Yes No
- D. Was the vertical and horizontal extent of contamination determined? Yes No N/A
- E. Does soil contamination intersect ground water? Yes No N/A

VI. GROUND WATER CONTAMINATION

- A. Was ground water contamination found? Yes No
If "Yes", please answer Questions B-G.
If "No", please answer only Question B.
- B. The highest ground water contamination at any 1 sampling location and at any 1 sampling event to date has been determined to be:
 1. N/A ppb total BTEX, N/A ppb total non-targeted VOC
 2. N/A ppb total B/N, N/A ppb total non-targeted B/N
 3. N/A ppb total MTBE, N/A ppb total TBA
 4. N/A ppb N/A (for non-petroleum substance)
 5. greatest thickness of separate phase product found N/A
 6. separate phase product has been delineated Yes No N/A
- C. Result(s) of well search
 1. A well search (including a review of manual well records) indicates that private, municipal or commercial wells do exist within the distances specified in the Scope of Work. Yes No N/A
 2. The number of these wells identified is 10

D. Proximity of wells and contaminant plume

1. The shallowest depth of any well noted in the well search which may be in the horizontal or vertical potential path(s) of the contaminant plume(s) is _____ feet below grade (consideration has been given for the effects of pumping, subsurface structures, etc. on the direction(s) of contaminant migration). This well is _____ feet from the source and its screening begins at a depth of _____ feet.
2. The shallowest depth to the top of the well screen for any well in the potential path of the plume(s) (as described in D1 above) is _____ feet below grade. This well is located _____ feet from the source.
3. The closest horizontal distance of a private, commercial or municipal well in the potential path of the plume (as determined in D1) is _____ feet from the source. This well is _____ feet deep and screening begins at a depth of _____ feet.

E. A plan for separate phase product recovery has been included. Yes No N/A

F. A ground water contour map has been submitted which includes the ground water elevations for each well.
 Yes No N/A

G. Delineation of contamination

1. The ground water contaminants have been delineated to MCLs or lower values at the property boundaries. Yes No
2. The plume is suspected to continue off the property at concentrations greater than MCLs.
 Yes No
3. Off property access (circle one): is being sought has been approved has been denied

VII. SITE ASSESSMENT CERTIFICATION [preparer of site assessment plan - N.J.A.C. 7:14B-8.3(b) & 9.5(a)3]

The person signing this certification as the "Qualified Ground Water Consultant" (as defined in N.J.A.C.7:14B-1.6) responsible for the design and implementation of the site assessment plan as specified in N.J.A.C. 7:14B-8.3(a) & 9.2(b)2, must supply the name of the certifying organization and certification number.

"I certify under penalty of law that the information provided in this document is true, accurate, and complete and was obtained by procedures in compliance with N.J.A.C. 7:14B-8 and 9. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) Dinkerrai DeSai SIGNATURE 

COMPANY NAME U.S. Army Fort Monouth DATE 15 February 1994
(Preparer of Site Assessment Plan)

CERTIFYING ORGANIZATION NJDEPE CERTIFICATION NUMBER 2266

VIII. TANK DECOMMISSIONING CERTIFICATION [person performing tank decommissioning portion of closure plan - N.J.A.C. 7:14B-9.5(a)4]

"I certify under penalty of law that tank decommissioning activities were performed in compliance with N.J.A.C. 7:14B-9.2(b)3. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) Dinkerrai DeSai SIGNATURE 

COMPANY NAME U.S. Army Ft Monmouth DATE 15 February 1994
(Performer of Tank Decommissioning)

IX. CERTIFICATIONS BY THE RESPONSIBLE PARTY(IES) OF THE FACILITY

A. The following certification shall be signed by the highest ranking individual with overall responsibility for that facility [N.J.A.C. 7:14B-2.3(c)1].

"I certify under penalty of law that the information provided in this document is true, accurate, and complete. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) James Ott, P.E. SIGNATURE 

COMPANY NAME U.S. Army Ft. Monmouth DATE 15 February 1993

B. The following certification shall be signed as follows (according to the requirements of N.J.A.C. 7:14B-2.3(C)2!):

1. For a corporation, by a principal executive officer of at least the level of vice president.
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, Federal or other public agency by either the principal executive officer or ranking elected official.
4. In cases where the highest ranking corporate partnership, governmental officer or official at the facility as required in A above is the same person as the official required to certify in B, only the certification in A need to be made. In all other cases, the certifications of A and B shall be made.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application 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. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) _____ SIGNATURE _____

COMPANY NAME _____ DATE _____

ATTACHMENT I

NO/NA RESPONSE EXPLANATION

| <u>SAS QUESTION #</u> | <u>RESPONSE</u> | <u>EXPLANATION</u> |
|-----------------------|-----------------|---|
| IIA. | No | No contaminants were identified in soil samples at concentrations exceeding NJDEPE cleanup criteria. |
| IIB. | N/A | Same as above. |
| IIC. | N/A | Same as above. |
| III. | N/A | Closure of Facility Registration No. 192486-30 was conducted under approval and onsite supervision of the NJDEPE Division of Hazardous Waste Management. |
| IV.C.2 | N/A | No soil borings were proposed in the closure plan. |
| V.A | No | No contaminants were identified in soil samples at concentrations exceeding NJDEPE cleanup criteria. |
| V.B.1-4 | N/A | In compliance with current regulations, one (1) soil sample shall be obtained from the location of the highest TPHC level and analyzed for VOC's. |
| V.C.1-3 | N/A | Same as V.A. |
| V.D | N/A | Same as V.A. |
| V.E | N/A | Same as V.A. |
| VI.A | No | No groundwater monitoring wells were installed as part of closure of Facility Registration No. 192486-30; therefore, no groundwater samples were collected. |
| VI.B. 1-6 | N/A | Same as above. |