

cc: N. Wulff
R. Holford
J. Melnik
T. Chanda
File



RAVENNA ARSENAL INC.

8451 STATE ROUTE 5
RAVENNA, OHIO 44266-9297

Telephone (216) 358-7111

Autovon 346-3210

January 29, 1990

THRU Contracting Officer's Representative
Ravenna Army Ammunition Plant
8451 State Route 5
Ravenna, OH 44266-9297

TO Commander
U.S. Army Armament, Munitions and Chemical Command
Attn: AMSMC-ISE-M (Mr. Dennis Versluys)
Rock Island, IL 61299-6000

Subject: Reporting of a #2 Fuel Oil Leak from RVAAP's Underground Storage Tank
(UST), #RV22-Rail Yard Building 47-40; Following 26 January 1990
Failure to Pass State Required Tank Tightness Test

Dear Sir:

Attached is completed DARCOM Form 2647-R in response to subject leak incident.

This installation's point of contact will be Thomas M. Chanda, Environmental
Engineer, Autovon 346-3221.

Sincerely,

RAVENNA ARSENAL, INC.

H. R. Cooper
Plant Engineer

HRC:TMC:ade:TMC90002
Attachment

cf: INAAP
Attn: Col. Miller

1 February 1983

DARCOM Suppl 1 to AR 200-1

TELEPHONIC NOTIFICATION OF POLLUTION INCIDENT

(ALL TIMES ARE LOCAL TIMES)

DATE/TIME REPORT RECEIVED

26 January 1990

1. INSTALLATION

Ravenna Army Ammunition Plant

2. INSTALLATION COMMANDER

Mr. Robert J. Kasner, Commander's Rep.

3. PERSON REPORTING INCIDENT

(Include Phone No. and Ext)

T.M. Chanda
AV 346-3221**4. PERSON RECEIVING REPORT**
(Include Office and Ext)Mr. Dennis Versluys
AMSMC-ISE-M AV743-1870**5. INCIDENT DISCOVERY DATE AND TIME**26 January 1990
At 1430 Hrs.**NATURE OF INCIDENT****6. TYPE AND AMOUNT OF MAT AND SOURCE**No. 2 Fuel Oil at 0.353
Gals./Hr (0.05 gals/Hr max
allowable)**7. SEVERITY**☐ MINOR☐ MEDIUM☐ MAJOR☐ REPORTABLE☒ NON REPORT-
ABLE**8. PERSONNEL INJURIES/PROPERTY LOSS**

None

9. CAUSETank tightness test failure
Administered under regulatory standards**10. EQUIP/FAC INVOLVED (Location and Specific area)**Railroad yard at Bldg. 47-40 - 15000 gal
underground storage tank RV #22 - R.R.
locomotive fueling station.**11. DURATION/MAGNITUDE OF POLLUTION PRODUCED/RELEASED**a. SOURCE OF RELEASE BEEN STOPPED. ☒ YES ☐ NOb. RELEASED MATERIAL BEEN RETAINED. ☐ YES ☒ NOc. REACH INTO NAVIGABLE WATERS. ☐ YES ☒ NO

d. NAME OF RECEIVING STREAM OR WATERS.

N/A

e. PASS THE INSTALLATION BOUNDARY. ☐ YES ☒ NOf. NPDES PERMIT POINTS INVOLVED. ☐ YES ☒ NO SPECIFY.g. SAMPLE BEING TAKEN FOR LEGAL RECORD. ☒ YES ☐ NO**12. DAMAGE/IMPACT ON SURROUNDINGS (Ground water, wildlife, etc.)**Contamination of subsurface soils within immediate area of Underground Storage
Tank; vertical & horizontal migrational path unknown till remedial action
undertaken.**13. REMEDIAL ACTION TAKEN**Product removed from tank immediately following tank tightness test failure;
submitted funding request to AMCCOM PCO to implement remedial action.**14. REMEDIAL ACTION PLANNED**Tank & contaminated soil removal; soil sampling & analysis to
determine extent of migrational path with subsequent abatement
response.**15. DATE OF REMEDIAL
ACTION COMPLETION**
(est or actual)By State
16 FEB 1990 STDS.**16. NOTIFICATIONS**a. REGIONAL EPA. ☐ YES ☒ NO WHEN?b. STATE ☒ YES ☐ NO ☐ WHEN? 26 January 1990c. COAST GUARD OR NATIONAL RESPONSE CENTER (800-424-8802) ☐ YES ☒ NO WHEN?d. NEXT HIGHER HQ ☐ ☐ ☐ YES ☐ NO WHEN?**17. REACTION BY NEWS MEDIA/PUBLIC**

None

18. DOLLAR VALUE OF MATERIAL SPILLEDUnknown due to discovery of leak only
after administering leak.**19. TOTAL COST CLEANUP ACTIVITIES (Est or Actual)**

\$59,000. (est.)

DISTRIBUTION☒ AMCCOM, AMSMC-ISE
☒ RVAAP COR☒ RVAAP CO.
☒ RAI

TELEPHONE CONVERSATION RECORD

DATE: January 26, 1990

FROM: SUSAN MCCAUSLIN, ENVIRONMENTAL SPECIALIST PHONE 216-297-3220

TO: TODD PARFITT, STATE FIRE MARSHALL'S OFFICE PHONE 1-800-686-2878

SUBJECT: TANK TEST FAILURE, TANK #22 RAIL YARD

I called B.U.S.T. and spoke with Todd parfitt to report the tank leak test failure of Tank #22. Todd recorded all needed information and requested we mail him a map of the facility indicating the location of the leaking tanks.

A handwritten signature in cursive script, reading "Susan McCauslin".

Susan McCauslin

SM:ade:012690.PR

cc: N. Wulff
B. Jenkins
D. Kanavy
T. Chanda
W. Carkido
File



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January 26, 1990

THRU: Contracting Officer's Representative
Ravenna Army Ammunition Plant
8451 State Route 5
Ravenna, Ohio 44266-9297

TO: Commander
U. S. Army Armament, Munitions and Chemical Command
ATTN: AMSMC-PCG-B (Shirlene Wise)
Rock Island, IL 61299-6000

Subject: Corrective Action - Leaking Underground Storage Tank
Ref. RAI Letter January 16, 1990, Same Subject
RAI Letter January 19, 1990, Same Subject

Dear Sir:

The referenced letter advised you of the failure of a tank tightness test on two tanks during the testing of eight underground Storage Tanks at Ravenna AAP.

On the afternoon of January 26, 1990 a third tank (the Railroad Yard #2 Fuel Oil Dispensing Station), failed the tightness test. The leakage rate was approximately 0.30 gallons per hour vs. criteria of 0.05 gallons per hour. Per Ohio guidelines for tanks failing a tightness test the #2 Fuel Oil contents in the tank was removed to another tank thus eliminating the possibility of further loss.

As with prior two tanks discussed in the reference letter, we recommend removal of the tank rather than attempting to repair. This tank is steel construction and 49 years old. If the tank is rusted extensively, as we assume it is due to its age, it would not be able to be repaired. The removal of the 15,000 gallon tank in accordance with Ohio EPA requirements is estimated to cost \$59,000 depending upon the extent of ground contamination and assuming no ground water contamination. We believe these are reasonable assumptions because the sub surface soil is mostly clay. The reason for the higher cost is that a second tank of the same age is in the same excavation. Any attempt to remove the failed tank will affect the structural integrity of the other tank. In addition, these tanks have concrete vaults over part of them which will increase the subcontractors work. The work must be subcontracted because RAI is not certified by the State for tank removal.

Request that additional funds in the amount of \$59,000 be provided in the same way as the \$35,000 requested in the referenced letters for the Deactivation Furnace and Building 1045 Tanks. The total requirement is now \$94,000.

As explained in the referenced letter, the tank must be removed within 20 days from January 26, 1990 or by February 15, 1990. We will request an extension of 20 days (the maximum allowed) to March 7, 1990. To complete the physical work prior to March 7, 1990, we must be authorized to proceed by February 13, 1990. Failure to complete the removal of this tank by March 7, 1990 will result in the plant being in non-compliance with Ohio regulations.

As a reminder, the funding requested in the prior letters must be received by February 8, 1990 to avoid a non-compliance violation for those tanks.

Of the original eight tanks all have now been tested.

A 1383 Exhibit-1 and a DD Form 319-R are attached for the project. Also a DD Form 319-R for the first two tanks is attached.

Sincerely,

RAVENNA ARSENAL, INC.



H. R. Cooper
Plant Engineer

HRC/wt/hc90003

cf: AMCCOM
AMSMC-ISE (Ms. Ronnie DePorter)

AMCCOM
AMSMC-BPA-P

Attachment