

N60478.AR.001372
NWS EARLE
5090.3a

TRANSMITTAL LETTER FOR THE DISCHARGE REPORT DOCUMENTING ACTIONS TO
DATE NWS EARLE NJ
2/12/1998
NWS EARLE



DEPARTMENT OF THE NAVY

NAVAL WEAPONS STATION EARLE
201 HWY 34 SOUTH
COLTS NECK, NEW JERSEY 07722-5001

IN REPLY REFER TO

5090 - 16

043/047

February 12, 1998

New Jersey Dept. of Environmental Protection
Division of Responsible Party Site Remediation
Mr. Robert Marcolina, Case Manager
CN 028
Trenton, NJ 08625-0028

Dear Mr. Marcolina:

Re: DEP Report #98-01-11-1644-27
Underground Storage Tank System Leak
Naval Weapons Station Earle

As reported on 11 January 1998, a discharge of heating oil was discovered next to the driveway of a housing unit at Naval Weapons Station Earle. Soil in the vicinity of the leak was excavated for off-site disposal. Analysis of soil at the perimeter of the excavation met NJDEP soil cleanup criteria for petroleum products. The excavation has been backfilled. The exact cause of the discharge has not yet been determined.

Attached for your review is the Discharge Report documenting actions to date. The corrective measures mitigated the impacts of the subject leak and minimized the possibility of any future occurrence. Planned actions will determine the extent of contamination, amount of any remaining free product, and final course of action. If you have questions or comments regarding this issue, please call Mr. Lawrence Burg at (732) 866-2621.

Sincerely,

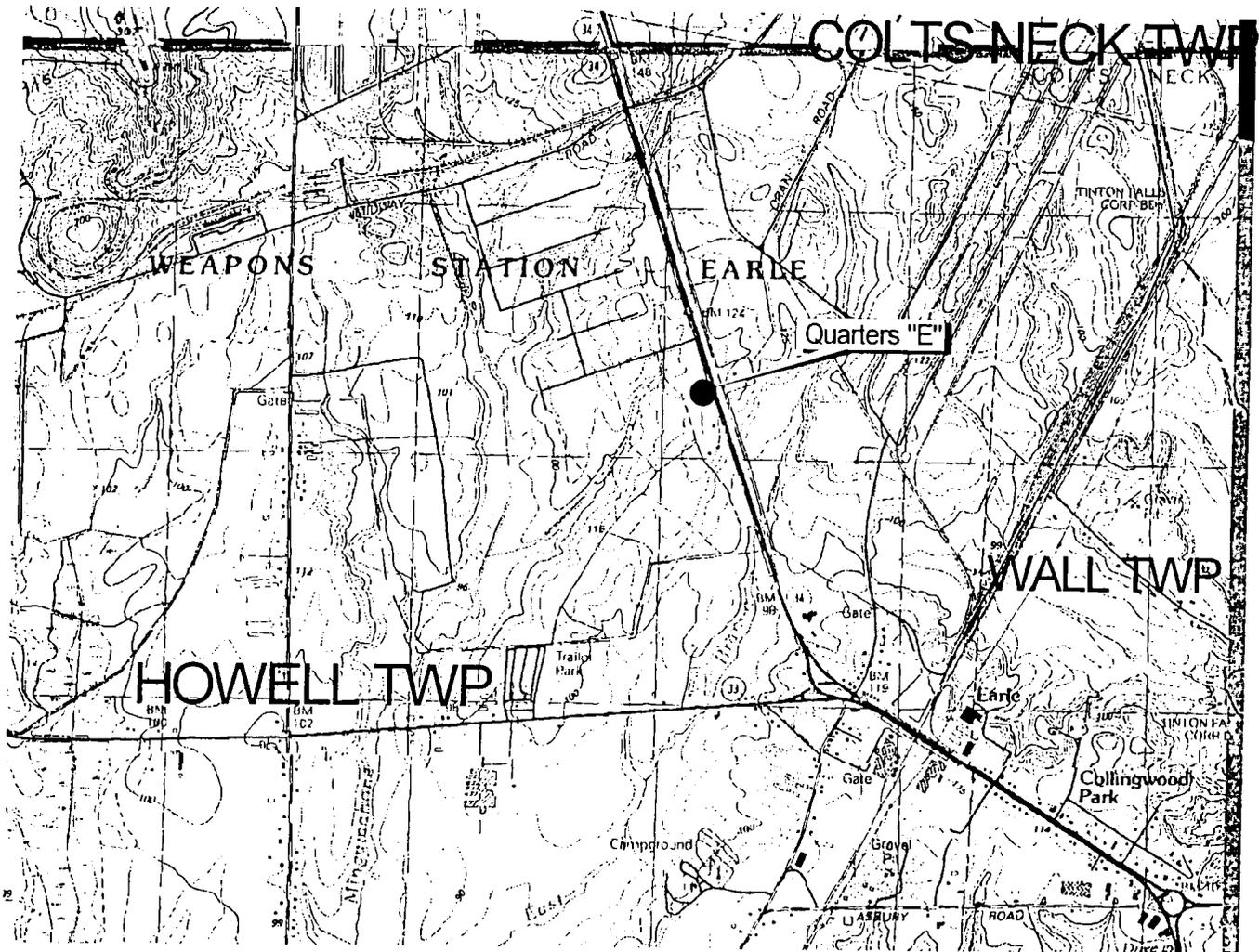
A handwritten signature in black ink, appearing to read "D. E. Blazak".

D. E. BLAZAK
Supervisory Environmental Engineer
By direction of
the Commanding Officer

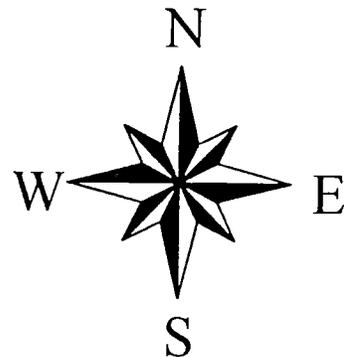
Encl: (1) Discharge Report

Copy to:
B. Helland, NAVFAC NorthDiv

Location of Spill



0.25 0 0.25 0.5 0.75 1 1.25 1.5 1.75 Miles



Discharge Report

Facility: Naval Weapons Station Earle
NJ DEP Incident #: 98-01-11-1644-27

Individual Reporting Discharge: Dennis Blazak, Naval Weapons Station Earle, 201 Hwy. 34 S.,
Colts Neck, NJ 07722

Individual Submitting Report: Lawrence Burg, Naval Weapons Station Earle, 201 Hwy. 34 S.,
Colts Neck, NJ 07722

Individual subject to provisions of this subchapter if different than above: NA

Person responsible for the discharge: NA

Owner of the Facility: US Navy: Naval Weapons Station Earle, 201 Hwy. 34 S., Colts Neck, NJ
07722 (732) 866-2000

Operator of the Facility: Same as above

Source of Discharge: Underground Storage Tank System

Location of Discharge: Naval Weapons Station Earle, 201 Hwy. 34 S., Colts Neck, NJ 07722,
Bldg. S207 (Quarters "E"), #306 Hwy 34 S, Township of Colts Neck, County of Monmouth. State
reference plane coordinates (E589520, N511715). See Appendix A, Site Map.

List of Common Name & CAS # of each hazardous substance discharged: No. 2 heating oil

List of the quantities of each substance discharged including estimates: Approximately 60 gal.

Chronological information:

1530, 11 Jan 98: Notice of discharge/leak/spill received.

1600, 11 Jan 98: FQI notified of discharge.

1615, 11 Jan 98: NWS Earle notifies NJ DEP & receives incident #.

1724, 11 Jan 98: "fuel coming out of the ground at Quarters E, Rt. 34. Asst. Chief on location reporting fuel oil on the ground next to the driveway. Crew started covering the oil with Haz-Mat pads, the Captain and Asst. Chief tried to find the source. All calls were made to notify the proper people. Crew believed that the under ground fuel tank (heating oil) leaked and seeped into the basement, filling the sump pump hole. This is pumped out into a dry well outside, to the North of the building. Dry well filled and pushed the oil to the surface. (Captain Ward)" Units are cleared form site.

14 - 30 Jan 98: Foster Wheeler (FW) begins remediation of site, under contract. Contaminated soil is excavated and secured for disposal. UST system is excavated. No leaks detected visually or using field instruments and test kits. Integrity test of UST system indicates no leaks. Field test kits are employed during excavation to determine extent of contamination. Laboratory analysis of soil samples taken at perimeter of excavation indicate soil cleaned within NJ DEP soil cleanup criteria. Site is backfilled.

Discharge Report

Facility: Naval Weapons Station Earle
NJ DEP Incident #: 98-01-11-1644-27

30 Jan 98 - Present: It is determined that best course of action in near term is to continue FW under contract to inject/flush the building's sump system w/a surfactant and remove any free product from the sump pit to a temporary holding tank. Quantitative extraction data will be kept to gauge rate of product removal and estimate product remaining. Subsequent actions will include geological site analysis to determine extent and severity of contamination. This analysis will also drive final actions for ensuring site is cleaned IAW NJ DEP Soil Cleanup Criteria.

Corrective Actions or Countermeasures taken including equipment repairs or replacements

Yes

Additional preventative measures taken or proposed to minimize a recurrence: Yes. House discharge lines from sump and house laundry rerouted to a temporary tank. Absorbent pads placed around perimeter of spill. Dry well pumped out. Hay bales placed to impede migration to Wetlands.

Entities Involved in the containment, clean up and removal of the discharge:

Naval Weapons Station Earle Fire Department	(732) 866-7160
Public Works Center Earle	(732) 866-2317
Foster Wheeler Environmental	(215) 630-6300
R3 Technologies	(215) 428-1700
Horwith Trucks	(610) 261-2220

See also Bills of lading attached as Appendix B.

Sample Information: To be provided following receipt of FW report.

Sample Results: Complete results will be provided following receipt of FW report. In summary, excavation was continued until laboratory analysis of soil samples came back under 10,000 ppm for TPH.

For major facilities, a certification of financial responsibility pursuant to NJAC 7:1E-4.5 & 4.4 (a)9 is in full force and effect. (Not required until plan submission; voluntary submission if available) NA

Information supplementing previously provided information: NA

Other information requested by NJDEP: Yes. Map attached.

Certification pursuant to NJAC 7:1E-4.11 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 civil and criminal penalties, including fines or imprisonment, or both, for submitting false, inaccurate or incomplete information.

 12 Feb 98
D. E. BLAZAK

Supervisory Environmental Engineer
By direction of the
Commanding Officer



technologies

Manifest No.: 5247.01

R3 Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 423-1700

NON-HAZARDOUS WASTE MANIFEST

1. EPA I.D. No., Generator of Waste: U.S. NAVAL WEAPONS STATION EARLE

Company Name: (Print or Type) US NAVAL WEAPONS STATION EARLE

Pick-up Address: 201 HIWAY 34 SOUTH COLTS NECK NJ 07722
(No.) (Single) (City) (State)

Telephone Number: 732-866-2515 Fax Number: (732) 866-1166

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.

Tons: - Cubic Yards: 20 Other: (Specify) _____

Waste Type: SOIL

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM ID NUMBER: FOS 9801010A2

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 23 JANUARY 1998 Signature: *Lawrence Perry*
(Name and Title)
Lawrence Perry, Maintenance Engineer

2. Hauler of Waste (must be filled in by hauler) EPA LE. No.: PAD 146714878
(if applicable)

COMPANY NAME: Hornith Truck, Inc.

ADDRESS: RTE 329 Northampton PA 18067

Pick-up Date: 23 JAN 98 Truck No.: 285 Vehicle Lic. No.: AB 59241

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Ronald L. Hoff
(Signature of authorized agent and title)
1/4 Hornith Truck, Inc.

3. Processing Facility: R3 Technologies, Inc.
7 Steel Road East
Morrisville, PA 19067-0847
Permit #301254

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date: _____



technologies

Manifest No.: const.
8207-02
PO# 07880

R3 Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

NON-HAZARDOUS WASTE MANIFEST

1. EPA I.D. No., Generator of Waste: US NAVAL WEAPONS STATION ETNPL
 Company Name: (Print or Type) Naval Weapons Center
 Pick-up Address: 201 Hickory Pt. 34 Souda
 Telephone Number: 732-866-2515 Fax Number: 732-866-1166
 Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
 Tons: _____ Cubic Yards: 20 Other: (Specify) _____
 Waste Type: SOIL
 Special Handling Instructions, if any: _____

PROHIBITED WASTE STREAM ID NUMBER: FOS 9801010 #2

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 1/30/98 Signature: T.E. Bonn
(Name and Title)
T.E. BONN CIVIL ENGINEER ROAD WORK LEWIS BERG

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: PAD 146714878
(if applicable)
 COMPANY NAME: Horwith Trucks Inc.
 ADDRESS: Rt. 309 P.O. Box 7 Northampton Pa. 18080
 Pick-up Date: 1/30/98 Truck No.: 279 Vehicle Lic. No.: AB59196

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Gene Krappenberger Driver
(Signature of authorized agent and title)

3. Processing Facility: R3 Technologies, Inc.
7 Steel Road East
Morrisville, PA 19067-0847
Permit #301254

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date: _____



technologies

Manifest No.: Box-371

PO# 07880-03

R3 Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

NON-HAZARDOUS WASTE MANIFEST

1. EPA I.D. No., Generator of Waste: US Naval Weapons Station Earle
 Company Name: (Print or Type) Naval Weapons Earle
 Pick-up Address: 201 Hickory Pt. 34 Souda
(No.) (City) (State)
 Telephone Number: (732) 866-2621 Fax Number: 1166
 Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
 Tons: _____ Cubic Yards: 2.0 Other: (Specify) _____
 Waste Type: Soil
 Special Handling Instructions, if any: _____

PROBIC/ WASTE STREAM ID NUMBER: FOS 9801010 #2

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 1/30/98 Signature: [Signature]
(Name and Title)
(732) 866-2621 Lawrence Bug

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: PA146714878
 COMPANY NAME: Horwith Trucks Inc.
 ADDRESS: RT. 329 Northampton, PA 18067
 Pick-up Date: 1/30/98 Truck No.: 265 Vehicle Lic. No.: AB59183 PA

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
[Signature]
(Signature of authorized agent and title)

3. Processing Facility: R3 Technologies, Inc.
7 Steel Road East
Morrisville, PA 19067-0847
Permit #301254

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date: _____

Manifest No.: 9207-04



technologies

PO# 07880

R3 Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

NON-HAZARDOUS WASTE MANIFEST

1. EPA I.D. No., Generator of Waste: US NAVAL WEAPONS STATION EARLE
 Company Name: (Print or Type) Naval Weapons Earle
 Pick-up Address: 201 Hickory Pt. 34 South
 Telephone Number: 732-866-2515 (No.) (State) (City) (State)
 Fax Number: 732 866-1166 (State)
 Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
 Tons: _____ Cubic Yards: 20 Other: (Specify) _____
 Waste Type: Soil
 Special Handling Instructions, if any: _____

PROHIBITED WASTE STREAM ID NUMBER: FOS 9801010 #2

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 30 JANUARY 98 Signature: [Signature]
(Name and Title)
(732) 866-2621 Lawrence Perry

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: PAD 146 714878
 COMPANY NAME: Hornwith Trucks, Inc
 ADDRESS: RT 329 Hampton PA 18067
 Pick-up Date: 30 Jan 98 Truck No.: 511 Vehicle Lic. No.: AB 75817

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.

[Signature]
(Signature of authorized agent and title)

3. Processing Facility: **R3 Technologies, Inc.**
7 Steel Road East
Morrisville, PA 19067-0847
Permit #301254

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date: _____