

N60201.AR.000337  
NS MAYPORT  
5090.3a

LETTER REGARDING DISCHARGE REPORTING FORM FOR FREE PRODUCT  
DISCOVERED IN MONITORING WELL NS MAYPORT FL  
10/1/1996  
NAVAL STATION MAYPORT

32228-000

09.01.00.0055

5090.15

5090.16

Ser N4E4/ 00212

01 OCT 1996

Storage Tanks  
Northeast District  
Florida Department of Environmental Protection  
7825 Baymeadows Way, Suite B 200  
Jacksonville, FL 32207

Subj: DISCHARGE NOTIFICATION FOR  
MONITORING WELL MPT-16-02S,  
NAVAL STATION MAYPORT,  
FACILITY ID #168626008,  
HSWA PERMIT FL9170024260

Gentlemen:

We are forwarding a Discharge Reporting Form for free product discovered in monitoring well MPT-16-02S. The well was installed as part of the HSWA Corrective Action program at Naval Station Mayport (NAVSTA) and not for release detection. However, as indicated on the attached sketch, it is in close proximity to storage tanks owned/operated by Fleet and Industrial Supply Center Jacksonville (FISC) as well as underground oily waste lines owned by Navy Public Works Center Jacksonville.

At the time of the discovery, NAVSTA arranged for a Hydrocarbon Fuel Analysis (HFA) to determine the characteristics of the free product since there were so many different potential sources. We wanted to evaluate whether this was part of a nearby plume associated with SWMUs being investigated under our HSWA permit, or a new source. Based on the HFA and the lab report it appears that this free product is very similar to kerosene which, in this case, would indicate a release from either the JP-5 or DFM tanks or integral piping. Although the oily waste lines in the vicinity can carry free product from the bilges of ships, the sample that was taken from the well was very clear and appeared fresh which leads us to think that it was not from the oily waste lines. In comparison to an HFA which was performed on a sample from nearby SWMUs in 1992, it is not the same product since this is "fresh" and clear as compared to the "weathered" emulsion at the SWMUs.

FISC has reported that there is no indication of a product loss from the storage tanks although recent tightness tests indicated failure, possibly due to a previously reported problem with a leak on our Echo Pier. Therefore, FISC is planning to blank off a section of the

5090.15  
5090.16  
Ser N4E4/

pipng closer to the tanks and pressure test again. If line pressure testing is inconclusive, NAVSTA is recommending that FISC pursue a contract to perform further soil/groundwater investigations in the area in early FY97 to try and determine the source and extent of the free product. All information from these investigations will be forwarded to your office as soon as we receive them from FISC.

If you have any questions on this subject please contact Cheryl Mitchell of my Environmental Division at 270-6730, x13.

Sincerely,

ROBERT P. WALDEN  
Lieutenant Commander, CEC, U.S. Navy  
Staff Civil Engineer  
By direction of  
the Commanding Officer

Encl:

- (1) FDER Form 17-761.900(1)
- (2) Figure 7-2, RCRA Facility  
Investigation Report, Group II SWMUs

Copy to:

City of Jacksonville (DRES)  
FISC Jacksonville (Code 700 R. Crist)  
PWC Jacksonville (Codes 300, 530)  
SOUTHNAVFACENGCOM (Code 18410)  
FDEP Tallahassee (J. Cason) (w/o encl)  
USEPA Region IV (M. Berry) (w/o encl)  
SOUTHNAVFACENGCOM (Code 1852) (w/o encl)  
ABB-ES (T. Hansen/F. Lesesne) (w/o encl)  
COMNAVBASE Jacksonville (N3) (w/o encl)

Florida Department of Environmental Regulation

Two Towers Office Bldg • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-761.900(1)

Form Title Discharge Reporting Form

Effective Date December 10, 1993

DER Application No.

# Discharge Reporting Form

Use this form to notify the Department of Environmental Regulation of

- Results of tank tightness testing that exceed allowable tolerances within ten days of receipt of test result
- Petroleum discharges exceeding 25 gallons on pervious surfaces as described in Section 17-761.460 F.A.C. within one working day of discovery
- Hazardous substance (CERCLA regulated), discharges exceeding applicable reportable quantities established in 17-761.460(2) F.A.C. within one working day of the discovery.
- Within one working day of discovery of suspected releases confirmed by (a) released regulated substances or pollutants discovered in the surrounding area, (b) unusual and unexplained storage system operating conditions, (c) monitoring results from a leak detection method or from a tank closure assessment that indicate a release may have occurred, or (d) manual tank gauging results for tanks of 550 gallons or less, exceeding ten gallons per weekly test or five gallons averaged over four consecutive weekly tests.

Mail to the DER District Office in your area listed on the reverse side of this form

PLEASE PRINT OR TYPE  
Complete all applicable blanks

DER Facility ID Number: 168626008 2. Tank Number N/A 3. Date: 9/30/96

Facility Name NAVAL STATION MAYPORT

Facility Owner or Operator DEPARTMENT OF THE NAVY

Facility Address NAVAL STATION MAYPORT, MAYPORT, FL 32228-0067

Telephone Number (904) 270-6730 County DUVAL

Mailing Address NAVAL STATION MAYPORT, CODE N4E, MAYPORT, FL 32228-0067

Date of receipt of test results or discovery: 8/14/96 month/day/year

Method of initial discovery. (circle one **only**)

- |   |                             |  |
|---|-----------------------------|--|
| A. Liquid detector (automatic or manual)    | D. Emptying and Inspection. | F. Vapor or visible signs of a discharge in the vicinity.                          |
| B. Vapor detector (automatic or manual)     | E. Inventory control.       | G. Closure: _____ (explain)  |
| C. Tightness test (underground tanks only). |                             | <input checked="" type="radio"/> H. Other: <u>FREE PRODUCT IN MONITORING WELL.</u> |

Estimated number of gallons discharged: UNKNOWN

What part of storage system has leaked? (circle all that apply) A. Dispenser B. Pipe C. Fitting D. Tank  E. Unknown

Type of regulated substance discharged. (circle one)

- |                      |                     |                   |   |
|----------------------|---------------------|-------------------|---|
| A. leaded gasoline   | D. vehicular diesel | L. used/waste oil | V. hazardous substance includes pesticides, ammonia, chlorine and derivatives (write in name or Chemical Abstract Service CAS number) _____ |
| B. unleaded gasoline | F. aviation gas     | M. diesel         | <input checked="" type="radio"/> Z. other (write in name) <u>KEROSENE BASED</u>   |
| C. gasohol           | G. jet fuel         | O. new/lube oil   |   |

Cause of leak. (circle all that apply)

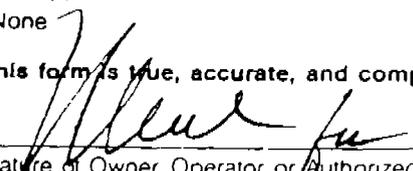
- |   |                     |                         |                   |                          |
|---|---------------------|-------------------------|-------------------|--------------------------|
| <input checked="" type="radio"/> A. Unknown | C. Loose connection | E. Puncture             | G. Spill _____    | I. Other (specify) _____ |
| B. Split                                    | D. Corrosion        | F. Installation failure | H. Overfill _____ |                          |

Type of financial responsibility. (circle one)

- |   |  |
|---|--|
| A. Third party insurance provided by the state insurance contractor | <input checked="" type="radio"/> C. Not applicable |
| B. Self-insurance pursuant to Chapter 17-769.500 F.A.C.             | D. None  |

To the best of my knowledge and belief all information submitted on this form is true, accurate, and complete.

Name of Owner, Operator or Authorized Representative ROBERT P. WALDEN, CEC, US NAVY

Signature of Owner, Operator or Authorized Representative 

Northwest District  
50 Governmental Center  
Tallahassee, Florida 32301-5794  
904-436-6300

Northwest District  
7825 Baymeadows Way, Suite B 200  
Jacksonville, Florida 32207  
904-798-4200

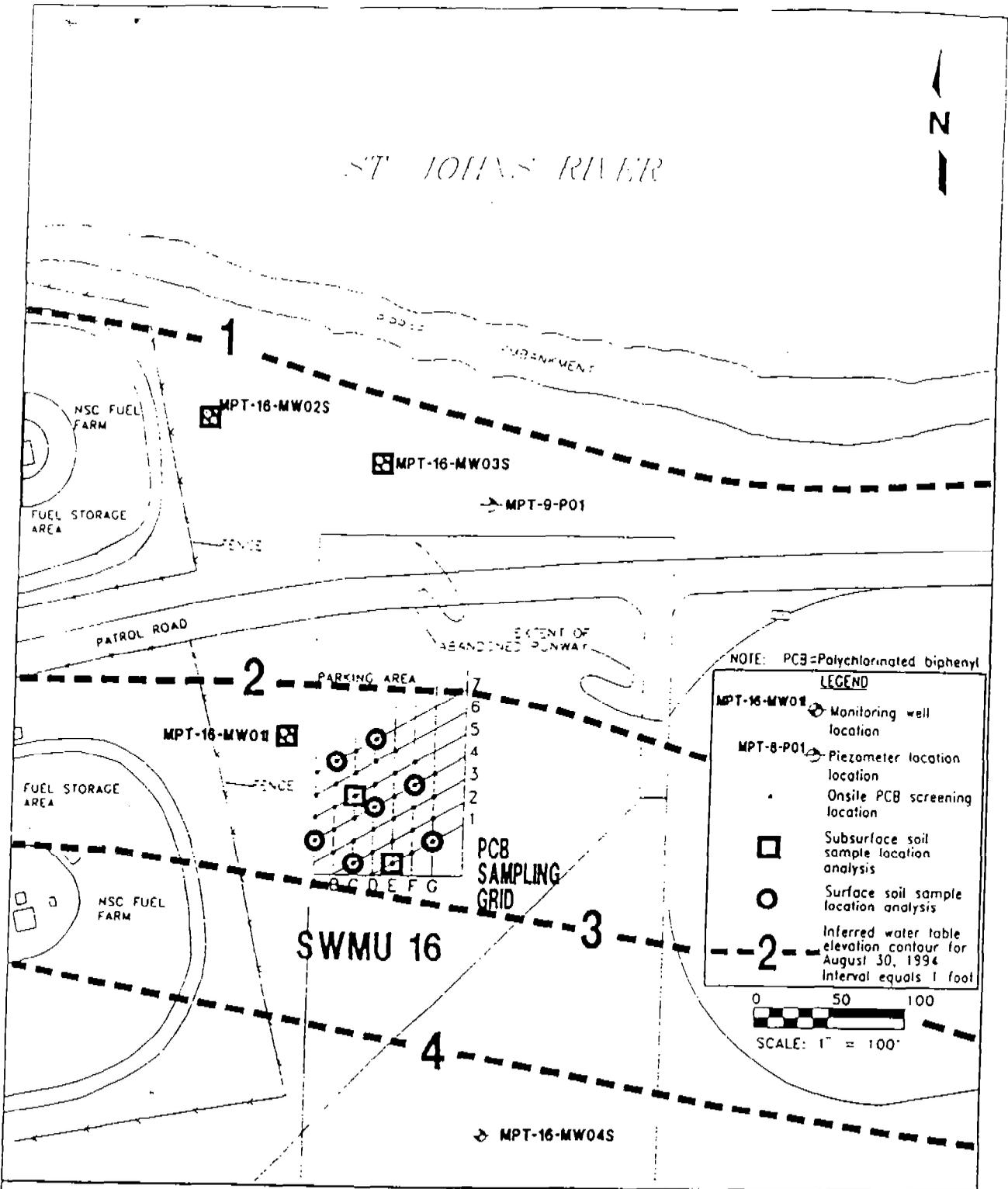
Central District  
3319 Maquire Blvd, Suite 232  
Orlando, Florida 32803-3767  
407-894-7555

Southwest District  
1520 Oak Fair Blvd  
Tampa, Florida 33610-7347  
813-673-6661

South District  
2269 Bay St  
Fort Myers, Florida 33901-2496  
813-333-6916

Southwest District  
1900 S. Congress Ave., E. 2nd A  
West Palm Beach, Florida 33406  
407-733-1011

ST JOHN'S RIVER



NOTE: PCB=Polychlorinated biphenyl

**LEGEND**

- MPT-16-MW01S Monitoring well location
- MPT-8-P01 Piezometer location
- Onsite PCB screening location
- Subsurface soil sample location analysis
- Surface soil sample location analysis
- Inferred water table elevation contour for August 30, 1994  
Interval equals 1 foot

0 50 100  
SCALE: 1" = 100'

FIGURE 7-2



RCRA FACILITY INVESTIGATION  
REPORT, GROUP II SWMUs

U.S. NAVAL STATION  
MAYPORT, FLORIDA