

N60200.AR.000792  
NAS CECIL FIELD, FL  
5090.3a

STORAGE TANK CLOSURE ASSESSMENT FORM FOR BUILDING 340 WITH  
ATTACHMENTS NAS CECIL FIELD FL  
12/1/1995  
INNOVATIVE SERVICES INTERNATIONAL



Florida Department of Environmental Regulation

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

DER Form # 17-761.6(2/86)
Form Title: Closure Assessment Form
Effective Date: December 10, 1990
DER Application No. (if used in the DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assesment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- 1. Date: December 1, 1995
2. DER Facility ID Number: N/A
3. County: Duval
4. Facility Name: N.A.S. Cecil Field - Building 340
5. Facility Owner: United States Navy
6. Facility Address: Building #340, J Avenue, N.A.S. Cecil Field
7. Mailing Address: Naval Air Station - Cecil Field
8. Telephone Number:
9. Facility Operator: U.S. Navy
10. Are the Storage Tank(s): (Circle one or both) A. Aboveground or X Underground
Type of Product(s) Stored: #2 Diesel Fuel
12. Were the Tank(s): (Circle one) A. Replaced X Removed C. Closed in Place D. Upgraded (aboveground tanks only)
13. Number of Tanks Closed: One (1)
14. Age of Tanks: Unknown

Facility Assessment Information

- Yes No Not Applicable
1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
2. Was a Discharge Reporting Form submitted to the Department?
If yes, When: Where:
3. Is the depth to ground water less than 20 feet?
4. Are monitoring wells present around the storage system?
If yes, specify type: Water monitoring Vapor monitoring
5. Is there free product present in the monitoring wells or within the excavation?
6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?
Specify sample type: Vapor Monitoring wells Soil sample(s)
7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?
Specify sample type: Vapor Monitoring wells Soil sample(s)
8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
(See target levels on reverse side of this form and supply laboratory data sheets)
9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
10. Are any potable wells located within 1/4 of a mile radius of the facility?
11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: ± 700'





# Florida Department of Environmental Regulation

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

DER Form #	17-761.900(5)
Form Title	Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filled in by DER)

## Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

### General Facility Information

- DER Facility Identification No.: N/A
- Facility Name: N.A.S Cecil Field - Building #340 Telephone: ( )
- Street Address (physical location): Building #340, J Avenue, N.A.S. Cecil Field, Jacksonville, FL
- Owner Name: United States Navy Telephone: ( )
- Owner Address: Naval Air Station - Cecil Field
- Number of Tanks: a. Installed at this time        b. Removed at this time One (1)
- Tank(s) Manufactured by: Unknown
- Date Work Initiated:        9. Date Work Completed:

### Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws.
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications.
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications.
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications.
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87.
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.)
- Spill and overflow protection devices installed in accordance with Section 17-761.500, F.A.C.
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C.

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

### Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C.
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C.

## Certification

I hereby certify and attest that I am familiar with the facility that is registered with the Florida Department of Environmental Regulation; that to the best of my knowledge and belief, the tank installation, replacement or removal at this facility was conducted in accordance with Chapter 489 and Section 376.303, Florida Statutes and Chapter 17-761, Florida Administrative Code (and its adopted reference sources from publications and standards of the National Fire Protection Association (NFPA), the American Petroleum Institute (API), the National Association of Corrosion Engineers (NACE), American Society for Testing and Materials (ASTM); Petroleum Equipment Institute (PEI); Steel Tank Institute (STI); Underwriters Laboratory (UL); and the tank and integral piping manufacturers' specifications; and that the operations on the checklist were performed accordingly.

*Ronald Boardman*

(Type or Print)

Certified Pollutant Tank Contractor Name

Pollutant Storage System Specialty Contractor License Number (PSSSC)

*PCC 054952*

PSSSC Number

*Ronald Boardman*

Certified Tank Contractor Signature

*12-1-95*

Date

*Ron Boardman*

(Type or Print)

Field Supervisor Name

*12-1-95*

Date

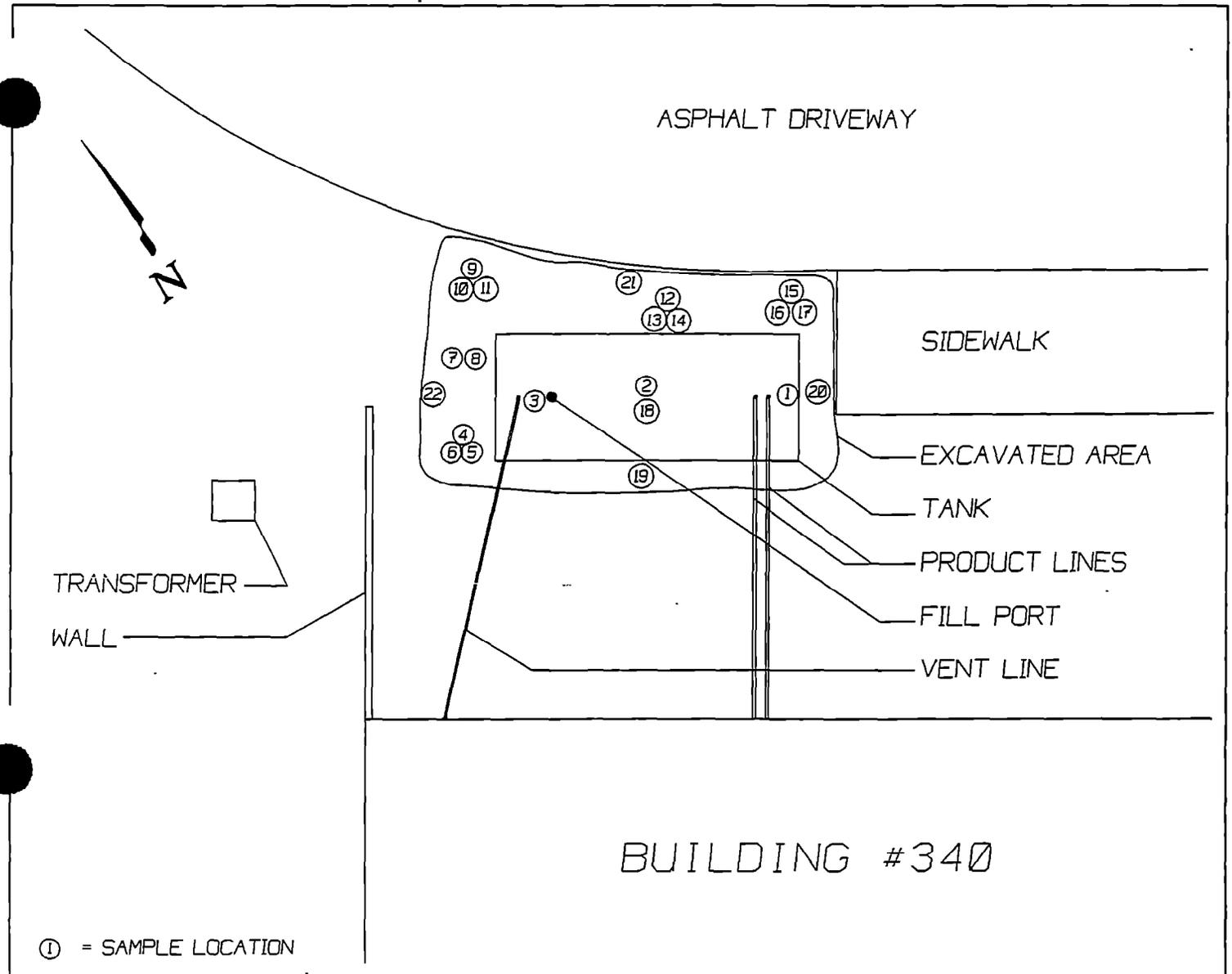
*Ronald Boardman*

Field Supervisor Signature

*12-1-95*

Date

The owner or operator of the facility must register the tanks with the Department at least 10 days before the installation. The installer must submit this form no more than 30 days after the completion of installation to the Department of Environmental Regulation at the address printed at the top of page one.



SAMPLE NO.	HC READING	DEPTH	SAMPLE NO.	HC READING	DEPTH
1	0.0	1'	12	0.0	1'
2	0.0	1'	13	0.0	3'
3	0.0	1'	14	0.0	5'
4	0.0	1'	15	0.0	1'
5	0.0	3'	16	0.0	3'
6	0.0	5'	17	0.0	5'
7	0.0	3'	18	0.0	6'
8	0.0	5'	19	0.0	3'
9	0.0	1'	20	0.0	3'
10	0.0	3'	21	0.0	3'
11	0.0	5'	22	0.0	3'

ALL SAMPLES ANALYZED WITH A THERMO ENVIRONMENTAL INSTRUMENTS MODEL 580B PHOTOIONIZATION DETECTOR.



**INNOVATIVE  
SERVICES  
INTERNATIONAL, INC.**

# SITE PLAN

BUILDING #340

NAVAL AIR STATION  
CECIL FIELD  
JACKSONVILLE, FLORIDA

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

November 27, 1995

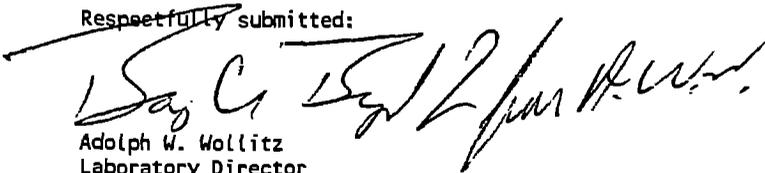
Innovative Services International, Inc.  
P.O. Box 150016  
Jacksonville, FL 32215

Attn: Ron Boardman

Reference: FCEL Lab #9511-52  
Cecil Field (POOL 340 - 1195)  
Sample collected 1625 hr. on 11-02-95  
Sample received 0939 hr. on 11-03-95  
(1) H<sub>2</sub>O from Temp. Well

<u>PARAMETER</u>		<u>METHOD</u>	<u># 1</u>	<u>DATE/TIME</u>	<u>ANALYST</u>
Lead	mg/L	EPA 239.2	0.0117	11-6/1417	AWW

Respectfully submitted:



Adolph W. Wollitz  
Laboratory Director  
FHRS Lab #E82102  
FHRS Lab #82110  
EPA #FL00062  
DEP Comp QAPP # 870222G

AWW/tb

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

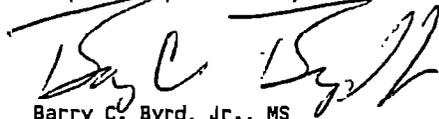
November 27, 1995

Client: I.S.I. Lab #: 9511-52  
Sample I.D.: POOL 340 - 1195 (Cecil Field) Date Received: 11-3-95  
Sample Matrix: Liquid Date Completed: 11-14-95  
Sample Collection: 11-2-95

## Analytical Summary

<u>Parameter</u>		<u>Method</u>	<u>Results</u>
TRPH	mg/L	EPA 418.1	< 0.020

Respectfully submitted,



Barry C. Byrd, Jr., MS  
Laboratory Director  
DEP Comp QAPP # 870222G

BCB/tb

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

November 27, 1995

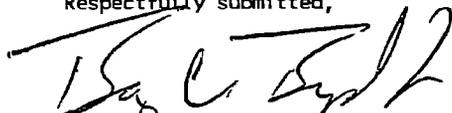
Client: I.S.I. Lab #: 9511-52  
 Sample I.D.: POOL 340 - 1195 (Cecil Field) Date Received: 11-3-95  
 Sample Matrix: Liquid Date Completed: 11-9-95  
 Sample Collection: 11-2-95

Analytical Summary  
 Volatile Hydrocarbons  
 Method 601 - 602

Parameter	Results	ug/L	Parameter	Results	ug/L
Benzene	ND		Bromobenzene	ND	
Bromodichloromethane	ND		Bromomethane	ND	
Bromoform	ND				
Chloroethane	ND		Carbon tetrachloride	ND	
Carbon tetrachloride	ND		Chlorobenzene	ND	
Chloroform	ND		Chloromethane	ND	
2-Chlorotoluene	ND		4-Chlorotoluene	ND	
2-Chloroethylvinyl ether	ND				
Dibromochloromethane	ND		1,2-Dibromoethane	ND	
Dibromomethane	ND		1,2 Dichlorobenzene	ND	
1,3 Dichlorobenzene	ND		1,4 Dichlorobenzene	ND	
Dichlorodifluoroethane	ND		1,1-Dichloroethane	ND	
1,2-Dichloroethane	ND		1,1-Dichloroethene	ND	
tr-1,2-Dichloroethene	ND		Dichloromethane	ND	
1,2-Dichloropropane	ND		t-1,3-Dichloropropene	ND	
Ethyl Benzene	ND				
1,1,1,2-Tetrachloroethane	ND		1,1,2,2-Tetrachloroethane	ND	
Tetrachloroethene	ND		Toluene	ND	
1,1,1-Trichloroethane	ND		1,1,2-Trichloroethane	ND	
Trichloroethene	ND		Trichlorofluoromethane	ND *	
1,2,3-Trichloropropane	ND				
Vinyl Chloride	ND *		MTBE	ND *	
Total Xylenes	ND				

Note: ND = ( None detected, lower detectable limit = 1 ug/L )  
 ND \* = ( None detected, lower detectable limit = 20 ug/L )  
 J = ( Peak detected, below detection limit, value suspect )  
 B = ( This parameter also found in the blank )  
 NA = ( This parameter was not analyzed )

Respectfully submitted,



Barry D. Byrd, Jr., MS  
 Technical Director  
 DEP Comp QAPP # 870222G

BCB/tb

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

November 27, 1995

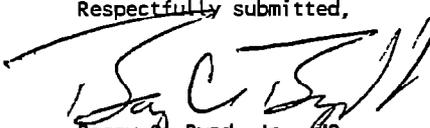
Client: I.S.I. Lab #: 9511-52  
Sample I.D.: POOL 340 - 1195 (Cecil Field) Date Received: 11-3-95  
Sample Matrix: Liquid Date Completed: 11-14-95  
Sample Collection: 11-2-95

## Polynuclear Aromatic Hydrocarbons EPA Method 610

<u>PARAMETER</u>	<u>RESULTS</u>
Acenaphthene	ND
Acenaphthylene	ND
Anthracene	ND
Benzo (a) anthracene	ND
Benzo (a) pyrene	ND
Benzo (b) fluoranthene	ND
Benzo (ghi) perylene	ND *
Benzo (j) fluoranthene	ND
Benzo (k) fluoranthene	ND
Chrysene	ND
Dibenzo (a,h) anthracene	ND *
Fluoranthene	ND
Fluorene	ND
Indeno (1,2,3-cd) pyrene	ND *
1-Methylnaphthalene	ND
2-Methylnaphthalene	ND
Naphthalene	ND
Phenanthrene	ND
Pyrene	ND

Note: ND = ( None detected, lower detectable limit =  $\frac{5}{}$  ug/L )  
ND \*\* = ( None detected, lower detectable limit =  $\frac{25}{}$  ug/L )  
J = ( Peak detected, below detection limit, value suspect )  
B = ( This parameter also found in the blank )  
NA = ( This parameter was not analyzed )

Respectfully submitted,

  
Barry D. Byrd, Jr., MS  
Technical Director  
DEP Comp QAPP # 870222G

BCB/tb



8818 ARLINGTON EXPRESSWAY  
 JACKSONVILLE, FLORIDA 32211  
 FAX (904) 725-2215  
 (904) 725-4847  
 (904) 725-6708

# CHAIN OF CUSTODY RECORD

14095

Client: Innovative Services Int.  
Cecil Field NAS

Project Description: Cecil Field NAS

ATTN: R. Boardman

NO. OF SAMPLE CONTAINERS

3 1 1 1 1

*Scott W. Vekell*

Sampler (Signature)

Page \_\_\_ of \_\_\_

Cecil Field NAS / MTRBE  
 6010  
 TPA  
 PD

STATION	DATE	TIME (Military)	SAMPLE DESCRIPTION	NO. OF SAMPLE CONTAINERS												REMARKS								
POOL 340-1195	11/02/75	1625	16.0 (min temp w/lt)	X	X	X																		

Relinquished by (Signature): <i>Scott W. Vekell</i>	Date (Military)	Time (Military)	Received by (Signature): <i>R. Boardman</i>	Date (Military)	Time (Military)	Relinquished by (Signature):	Date (Military)	Time (Military)	Received by (Signature):	Date (Military)	Time (Military)
Relinquished by (Signature):	Date (Military)	Time (Military)	Received by (Signature):	Date (Military)	Time (Military)	REMARKS:					

First Coast Environmental Laboratory, Inc.  
Sample Receiving Report

Date Rec'd: 11/3/95 Lab ID No.: 9511-52  
Client Name: ISI Project Name: \_\_\_\_\_  
Received By: MHS 12495

How were the Samples delivered to the laboratory?

Client Cooler  FCEL Cooler  Box  Other   
Hand Delivery  Shipper  Name: \_\_\_\_\_

Any Discrepancies in this section must be explained below and referred to a laboratory management individual for resolution

- |   | YES                                 | NO                       |
|---|-------------------------------------|--------------------------|
| 1. Were custody papers included with samples?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Were custody papers properly filled-out? (ink, signed, labels match?)              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Were samples in direct contact with Wet Ice?                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Did all samples arrive intact/not leaking?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Were all bottle labels complete? (Sample #, Date, Station, Signed, Anal./Preserv.) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Were Correct containers used for requested analyses?                               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Were proper preservation techniques indicated?                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Were samples received with adequate holding time?                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. VOA/VOC Containers checked for bubbles?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Were samples accepted in lab?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
- Present  Absent
- Accepted  Held for Management  Rejected

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Actions taken:**

Lab Management notified: \_\_\_\_\_ Date/Time \_\_\_\_\_  
Client Contacted: \_\_\_\_\_ By: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Final Resolution: \_\_\_\_\_  
\_\_\_\_\_