

N60200.AR.001238
NAS CECIL FIELD, FL
5090.3a

CONFIRMATORY SAMPLING REPORT FOR BUILDING 420 TANK 420 BASE
REALIGNMENT AND CLOSURE UNDERGROUND STORAGE TANK AND ABOVEGROUND
STORAGE TANK GREY SITES NAS CECIL FIELD FL
3/1/1998
ABB ENVIRONMENTAL SERVICES INC

CONFIRMATORY SAMPLING REPORT
BUILDING 420, TANK 420
BASE REALIGNMENT AND CLOSURE
UNDERGROUND STORAGE TANK AND
ABOVEGROUND STORAGE TANK GREY SITES
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

Contract No.: N62467-89-D-0317/139

Prepared by:

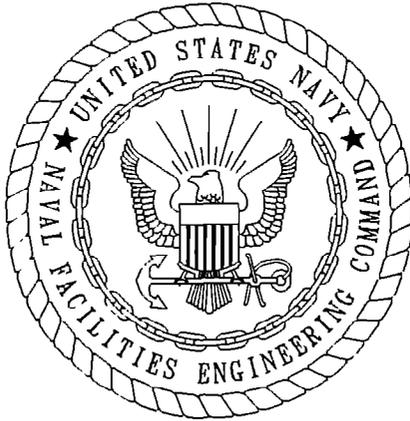
ABB Environmental Services, Inc.
2590 Executive Center Circle, East
Tallahassee, Florida 32301

Prepared for:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418

Bryan Kizer, Code 1842, Engineer-in-Charge

March 1998



CERTIFICATION OF TECHNICAL
DATA CONFORMITY (MAY 1987)

The Contractor, ABB Environmental Services, Inc., hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0317/139 are complete and accurate and comply with all requirements of this contract.

DATE: March 5, 1998

NAME AND TITLE OF CERTIFYING OFFICIAL: Rao Angara
Task Order Manager

NAME AND TITLE OF CERTIFYING OFFICIAL: Eric A. Blomberg, P.G.
Project Technical Lead

(DFAR 252.227-7036)

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Naval Air Station Cecil Field
Jacksonville, Florida

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Confirmatory Sampling Report
Building 420, Tank 420
Naval Air Station Cecil Field
Jacksonville, Florida

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
ISI	Innovative Services International, Inc.
OVA	organic vapor analyzer
UST	underground storage tank

1.0 INTRODUCTION

ABB Environmental Services, Inc. (ABB-ES), under contract to the Southern Division, Naval Facilities Engineering Command, has completed the confirmatory sampling for Tank 420 at Naval Air Station Cecil Field in Jacksonville, Florida. This report summarizes the related field operations, results, conclusions, and recommendations of the confirmatory sampling.

Tank 420 was an underground storage tank (UST) located on the east side of Building 420, a duplex for family housing (Figure 1). The UST, which was installed in 1955, had a 350-gallon capacity and was used to store fuel oil for onsite heating (ABB-ES, 1997). Tank 420 was removed by Innovative Services International, Inc. (ISI), on June 15, 1995. A closure assessment report (Appendix A) was prepared for Tank 420 and submitted to the Florida Department of Environmental Protection (ISI, 1995). The closure assessment report indicated that excessively contaminated soil was present at the site but did not indicate whether or not the excessively contaminated soil was removed. Therefore, to evaluate the current soil conditions, the petroleum subcommittee (selected by the Naval Air Station Cecil Field partnering team) identified locations for soil screening. A contamination assessment plan for the Tank 420 site was prepared by ABB-ES in November 1996 (ABB-ES, 1996).

2.0 FIELD INVESTIGATION

The confirmatory sampling at Tank 420 was initiated in June 1997 and included the advancement of two soil borings to the water table.

Soil samples were collected at depth intervals of 1 foot below land surface and every 2 feet thereafter to the water table. These samples were screened for hydrocarbon vapors with an organic vapor analyzer (OVA). A general site plan indicating the location of the soil borings is presented on Figure 2.

3.0 SCREENING AND ANALYTICAL RESULTS

Excessively contaminated soil was not detected in soil samples collected from the unsaturated zone during the confirmatory sampling. The soil OVA data are summarized in Table 1.

Groundwater analytical results from the closure assessment are summarized in Table 2.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Data obtained during the confirmatory sampling at the Tank 420 site does not indicate the presence of contaminated soil. Contaminants were not detected above regulatory standards specified in Chapter 62-770, FAC in the groundwater sample collected during the closure assessment (ISI, 1995). Therefore, no further action is recommended for the Tank 420 site.

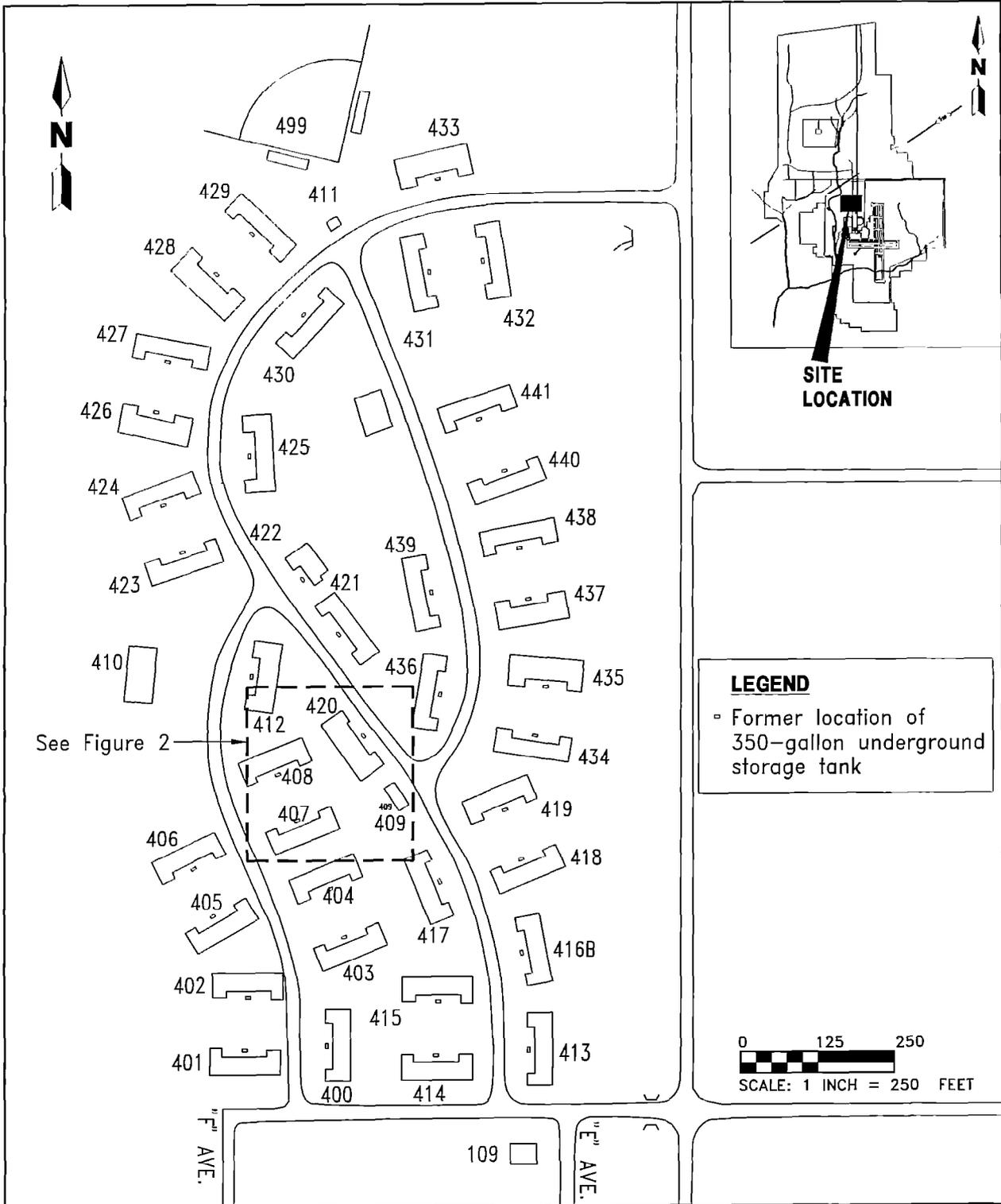


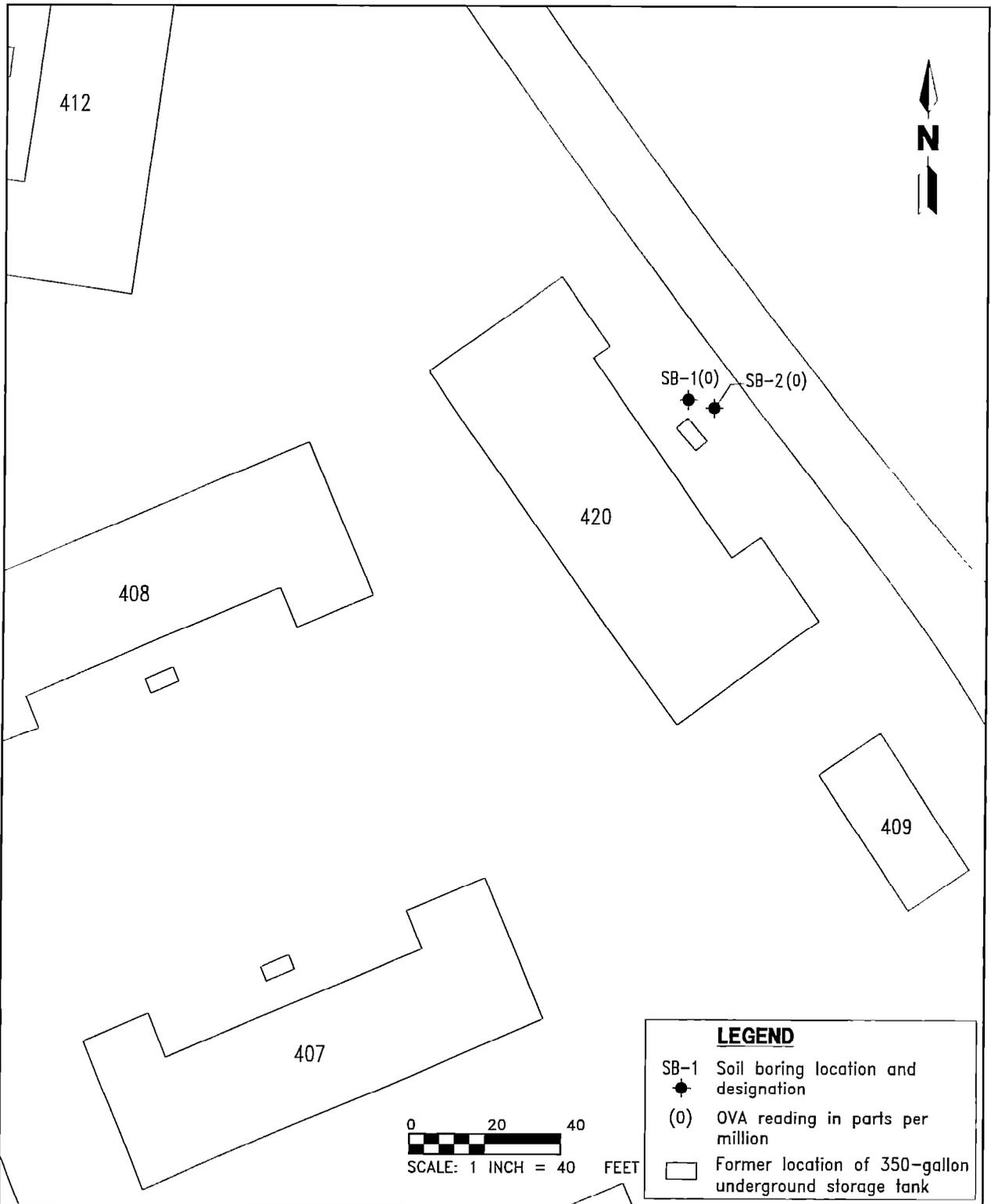
FIGURE 1
TANK 420
BASE FAMILY HOUSING



CONFIRMATORY SAMPLING REPORT
BUILDING 420, TANK 420

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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**FIGURE 2
SOIL BORING LOCATIONS**



**CONFIRMATORY SAMPLING REPORT
BUILDING 420, TANK 420**

**NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA**

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**Table 1
Soil Screening Results**

Confirmatory Sampling Report
Building 420, Tank 420
Naval Air Station Cecil Field
Jacksonville, Florida

Location	OVA Concentration (ppm)			
	Depth (feet bls)	Unfiltered	Filtered	Actual
SB-1	1	0	--	0
	3	0	--	0
	4.5 (wet)	0	--	0
SB-2	1	0	--	0
	3	0	--	0
	4.5 (wet)	0	--	0

Notes: All soil samples were collected on June 16, 1997.
Soil samples were filtered with carbon to determine the methane concentration.

OVA = organic vapor analyzer.
ppm = parts per million.
bls = below land surface.
-- = filtered readings were not collected.
wet = soil sample was completely saturated when analyzed.

**Table 2
Summary of Groundwater Analytical Detections**

Confirmatory Sampling Report
Building 420, Tank 420
Naval Air Station Cecil Field
Jacksonville, Florida

Compound	ISI Closure Assessment Temporary Well	Groundwater Cleanup Target Levels ¹
<u>Volatile Organic Aromatics (USEPA Method 601/602) (µg/l)</u>		
No compounds detected.		
<u>Polynuclear Aromatic Hydrocarbons (USEPA Method 610) (µg/l)</u>		
No compounds detected.		
<u>Total Recoverable Petroleum Hydrocarbons (USEPA Method 418.1) (mg/l)</u>		
No compounds detected.		
<u>Lead (USEPA Method 239.2) (µg/l)</u>		
Lead	8	15

¹ Chapter 62-770, Florida Administrative Code.

Notes: Groundwater samples were collected on June 20, 1995, by ISI during the closure assessment.

ISI = Innovative Services International, Inc.
USEPA = U.S. Environmental Protection Agency.
µg/l = micrograms per liter.
mg/l = milligrams per liter.

REFERENCES

ABB Environmental Services, Inc. (ABB-ES). 1996. *Contamination Assessment Plan, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (November).

ABB-ES. 1997. *Base Realignment and Closure Tank Management Plan, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (January).

Innovative Services International, Inc. 1995. *Closure Report for Underground Storage Tank Removals, Naval Air Station Cecil Field, Jacksonville, Florida*.

APPENDIX A
CLOSURE ASSESSMENT REPORT



Florida Department of Environmental Regulation

Twin Towers Office Bldg • 2600 Blair Stone Road • Tallahassee, Florida 32399-2410

DER Form #	17-761.60210
Form Title	Closure Assessment Form
Effective Date	December 10 1991
DER Approval No.	

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 assessment 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

- Date: July 10, 1995
- DER Facility ID Number: N/A
- County: Duval
- Facility Name: Naval Air Station - Cecil Field Enlisted Housing Unit # 420
- Facility Owner: U.S. Navy
- Facility Address: Naval Air Station - Cecil Field
- Mailing Address: Naval Air Station - Cecil Field
- Telephone Number: (____) _____
- Facility Operator: U.S. Navy
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or B. Underground
- Type of Product(s) Stored: #2 Heating Oil
- Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: One (1)
- Age of Tanks: Unknown

Facility Assessment Information

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

Order Form #	17-761.900(1)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	if used by DER

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample location and dispenser locations must accompany this form.
13. If a facility has a pollutant storage tank system that has both gasoline and kerosene/diesel stored on site, both EPA Method 602 and EPA Method 610 must be performed on the ground water samples obtained.
14. Amount of soils removed and receipt of proper disposal.
15. If yes is answered to any one of questions 5-9, a Discharge Reporting Form 17-761.900(1) indicating a suspected release shall be submitted to the Department within one working day.
16. A copy of this form and any attachments must be submitted to the Department's district office in your area and to the locally administered program office under contract with the Department within 60 days of completion of tank removal or filling a tank with an inert material.

Signature of Owner



Signature of Person Performing Assessment

Professional Geologist

Title of Person Performing Assessment

Date

7/11/95

Date

State Ground Water Target Levels That Affect A Pollutant Storage Tank System Closure Assessment

State ground water target levels are as follows:

1. For gasoline (EPA Method 602):

- | | |
|---------------------------------------|---------|
| a. Benzene | 1 ug/l |
| b. Total VOA | 50 ug/l |
| - Benzene | |
| - Toluene | |
| - Total Xylenes | |
| - Ethylbenzene | |
| c. Methyl Tertiary-Butyl Ether (MTBE) | 50 ug/l |

2. For kerosene/diesel (EPA Method 610):

- | |
|--|
| a. Polynuclear Aromatic Hydrocarbons (PAHS) |
| (Best achievable detection limit, 10 ug/l maximum) |



Florida Department of Environmental Regulation

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

DER Form #	17-761.900(5)
Underground Storage Tank Installation & Removal Form for Certified Contractors	
Effective Date	December 10, 1990
DER Application No.	Filed 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: Naval Air Station - Cecil Field Enlist Telephone: ()
- Street Address (physical location): Naval Air Station - Cecil Field Housing # 42D
- Owner Name: U.S. Navy Telephone: ()
- Owner Address: Naval Air Station - Cecil Field
- Number of Tanks: a. Installed at this time _____ b. Removed at this time One
- Tank(s) Manufactured by: Unknown
- Date Work Initiated: 6/15/95 9. Date Work Completed: 6/16/95

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.

DEA Form #	17-761.00025
Underground Storage Tank Installation & Removal Form for Certified Contractors	
Effective Date	December 10, 1990
DEA Application No.	Filed in by DER

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.

Robert Boardman

(Type or Print)

Certified Pollutant Tank Contractor Name
Pollutant Storage System Specialty Contractor License Number (PSSSC)

PCC 054952

-- PSSSC Number

[Signature]

Certified Tank Contractor Signature

7-12-95

Date

VERNON McKEOWN

(Type or Print)

Field Supervisor Name

7-12-95

Date

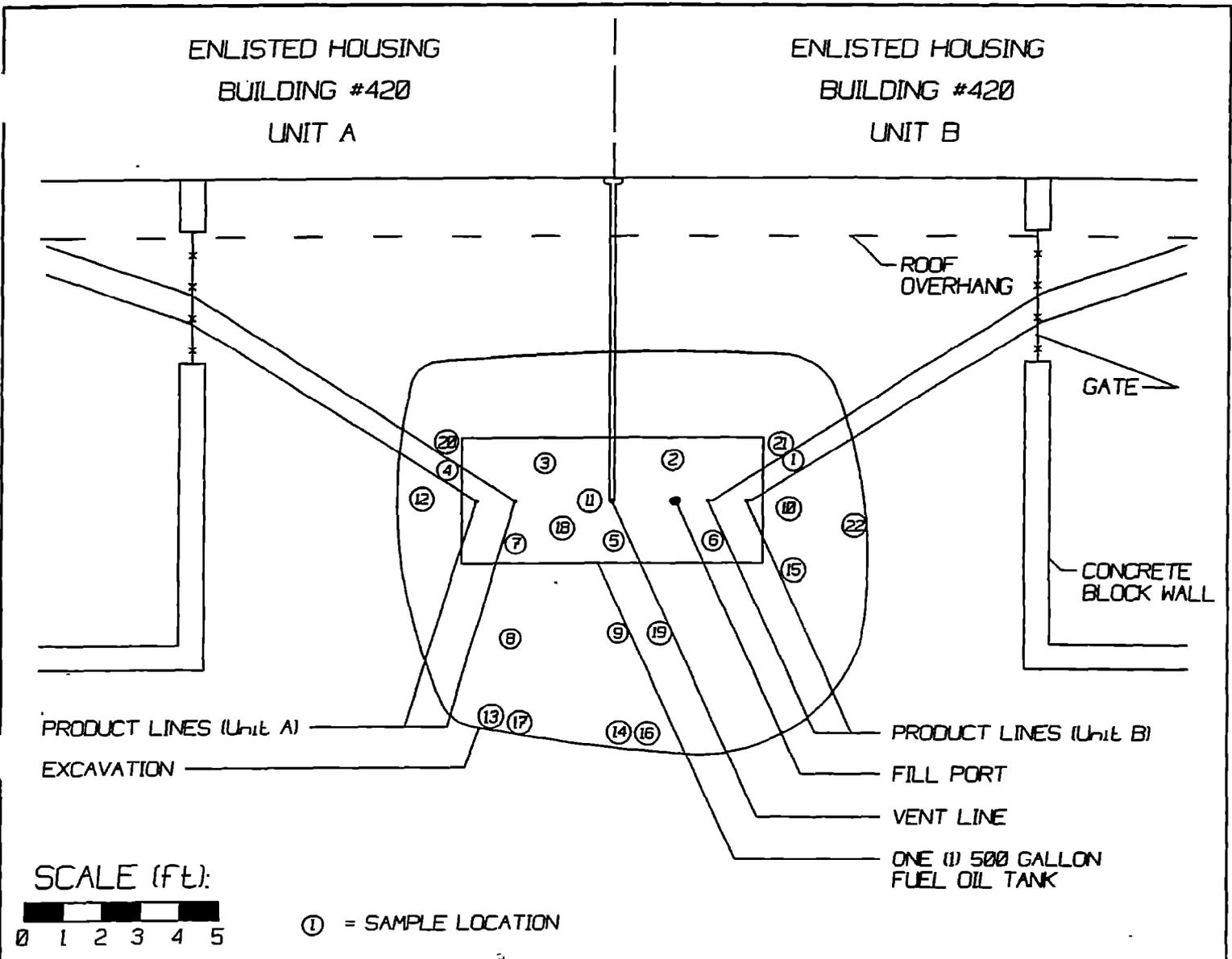
[Signature]

Field Supervisor Signature

7-12-95

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 #	HC READING	DEPTH	TIME (COLLECTED/READ)	SAMPLE #	HC READING	DEPTH	TIME (COLLECTED/READ)
1	00	1'	9:18/9:24	12	15	2'	10:30/10:34
2	00	1'	9:19/9:24	13	00	4'	11:03/11:05
3	00	1'	9:19/9:25	14	00	4'	11:03/11:05
4	00	1'	9:20/9:25	15	115.0	5.5'	12:07/12:15
5	00	1.5'	9:28/9:33	16	3.3	5.5'	12:07/12:15
6	00	1.5'	9:28/9:33	17	142	5.5'	12:08/12:16
7	00	1.5'	9:29/9:34	18	121.7	5.5'	12:09/12:16
8	00	2.5'	9:38/9:43	19	46.3	6'	12:09/12:19
9	00	2.5'	9:39/9:44	20	11.9	5.5'	14:40/14:46
10	00	2.5'	9:39/9:44	21	8.5	5.5'	14:40/14:47
11	00	2'	9:40/9:45	22	1.5	5.5'	14:42/14:48

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



**INNOVATIVE
SERVICES
INTERNATIONAL, INC.**

SITE PLAN

ENLISTED HOUSING UNIT #420

NAVAL AIR STATION
CECIL FIELD
JACKSONVILLE, FLORIDA

GEOLOGICAL, ENVIRONMENTAL AND OCEANOGRAPHIC SCIENCES, INC.

ENVIRONMENTAL SPECIALTY LABORATORY (813) 626
 5909A BRECKENRIDGE PARKWAY FAX: (813) 626-0746
 TAMPA, FLORIDA 33610-4237

IS1100014396
 Attn: RON BOARDMAN
 P.O. BOX 150016
 MAS CECIL FIELD, FL
 32215

Page 1
 30 Jun 1995
 Report J5-06-185-01
 LAB ID. 82223/E82101

Sample Description:
 CECIL FIELD ENLISTED HOUSING/ CECIL FIELD N.A.S.
 TEMP. WELL @ ENLISTED HOUSING #420
 GROUNDWATER

SAMPLE ID.: ENL-420-695
 COLLECTED: 06/20/95 14:41
 RECEIVED: 06/20/95
 COLLECTED BY: S. VOCKELL

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Hydrocarbons, Total IR	<0.200	mg/L	418.1	0.200	06/27/95	06/28/95	AM
Lead, Total	0.008	mg/L	239.2	0.005	06/29/95	06/30/95	JC
Polynuclear Aromatics			625\8270				
Naphthalene	BDL	µg/L		10	06/27/95	06/28/95	AT
Acenaphthylene	BDL	µg/L		10	06/27/95	06/28/95	AT
1-Methylnaphthalene	BDL	µg/L		10	06/27/95	06/28/95	AT
2-Methylnaphthalene	BDL	µg/L		10	06/27/95	06/28/95	AT
Acenaphthene	BDL	µg/L		10	06/27/95	06/28/95	AT
Fluorene	BDL	µg/L		10	06/27/95	06/28/95	AT
Phenanthrene	BDL	µg/L		10	06/27/95	06/28/95	AT
Anthracene	BDL	µg/L		10	06/27/95	06/28/95	AT
Fluoranthene	BDL	µg/L		10	06/27/95	06/28/95	AT
Pyrene	BDL	µg/L		10	06/27/95	06/28/95	AT
Benzo(a)anthracene	BDL	µg/L		10	06/27/95	06/28/95	AT
Chrysene	BDL	µg/L		10	06/27/95	06/28/95	AT
Benzo(b)fluoranthene	BDL	µg/L		10	06/27/95	06/28/95	AT
Benzo(k)fluoranthene	BDL	µg/L		10	06/27/95	06/28/95	AT
Benzo(a)pyrene	BDL	µg/L		10	06/27/95	06/28/95	AT
Indeno(1,2,3-c,d)pyrene	BDL	µg/L		10	06/27/95	06/28/95	AT
Dibenzo(a,h)anthracene	BDL	µg/L		10	06/27/95	06/28/95	AT
Benzo(g,h,i)perylene	BDL	µg/L		10	06/27/95	06/28/95	AT
Surrogates							
Nitrobenzene-d5	95	Min: 35		Max: 114			
2-Fluorobiphenyl	89	Min: 43		Max: 116			
4-Terphenyl-d14	91	Min: 33		Max: 141			
Volatile Aromatics			602				
Methyl-tert-butyl ether	BDL	µg/L		5.0	06/22/95	06/22/95	MD
Benzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Toluene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Ethyl benzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Xylene, Total	BDL	µg/L		1.0	06/22/95	06/22/95	MD

ISI100014396
 Attn: RON BOARDMAN

P.O. BOX 150016
 NAS CECIL FIELD, FL
 32215

Page 2
 30 Jun 1995
 Report J5-06-185-01
 LAB ID. 82223/EB2101

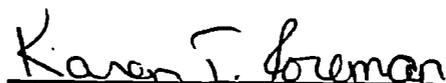
Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Chlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,4-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,3-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,2-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Surrogates							
Bromobenzene	102	Min: 70		Max: 130			
Volatile Halocarbons			601				
Dichlorodifluoromethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Chloromethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Bromomethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Vinyl chloride	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Chloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Methylene chloride	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Trichlorofluoromethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,1-Dichloroethene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,1-Dichloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
total-1,2-Dichloroethene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Chloroform	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,2-Dichloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,1,1-Trichloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Carbon tetrachloride	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Bromodichloromethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,2-Dichloropropane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
trans-1,3-Dichloropropene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Trichloroethene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Dibromochloromethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,1,2-Trichloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
cis-1,3-Dichloropropene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
2-Chloroethylvinyl ether	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Bromoform	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,1,2,2-Tetrachloroethane	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Tetrachloroethene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Chlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,3-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
1,2-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD

IS1100014396
Attn: RON BOARDMAN

P.O. BOX 150016
NAS CECIL FIELD, FL
32215

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Report J5-06-185-01
LAB ID. 82223/E82101

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
1,4-Dichlorobenzene	BDL	µg/L		1.0	06/22/95	06/22/95	MD
Surrogates							
Bromobenzene	101	Min: 70		Max: 130			


Karen Foreman, Laboratory Director

1057 N. ELLIS ROAD, SUITE 17, JACKSONVILLE, FL 32254-2249 • (904) 786-8340
 5909A BRECKENRIDGE PARKWAY, TAMPA, FL 33610-4237 • (813) 626-0101

CLIENT NAME: ISI		PROJECT NAME: Cecil Field Enlisted Housing	
ADDRESS:		P. O. NUMBER / PROJECT NUMBER:	
PHONE: 778-2904 FAX:		PROJECT LOCATION: Cecil Field N.A.S.	
CONTACT: R. Beardman		SAMPLED BY: SCOTT W. VOCKELL	
TURN AROUND TIME or RESULTS DUE BY: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> VERBAL <input type="checkbox"/> RUSH <input type="checkbox"/> FAX <input type="checkbox"/> OTHER <input type="checkbox"/> HARD COPY		SPECIAL INSTRUCTIONS:	

# Cont	HCL
1000 ml	UN
AS	HCL
1000 ml	AS
AS	500 ml
AS	PLASTIC
AS	HANDS
601, 602, 414, 175	
610	
TPH	
PB	

SAMPLE ID	DESCRIPTION	SAMPLING				GW	Le	K	X	X	X
		DATE	TIME	TYPE	DEPTH						
ENL-420-695	Temp Well @ Enlisted Housing #420	6/20/75	1441								

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Wastewater SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE	TIME
	1	<i>Scott W. Vockell</i>	<i>K. Saville</i>	6/20/75	1640
	2				
	3				
CONTAINER TYPE: <input type="checkbox"/> YES <input type="checkbox"/> NO	SHIPPER'S NO.:				