

N60200.AR.001413
NAS CECIL FIELD, FL
5090.3a

SITE ASSESSMENT REPORT FOR BUILDING 327 TANK 327U BASE REALIGNMENT AND
CLOSURE UNDERGROUND STORAGE TANK AND ABOVEGROUND STORAGE TANK
GREY SITES NAS CECIL FIELD FL
9/1/1998
HARDING LAWSON ASSOCIATES

SITE ASSESSMENT REPORT
BUILDING 327, TANK 327U
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-0317/090

Prepared by:

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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

September 1998

Revision 0.0



CERTIFICATION OF TECHNICAL
DATA CONFORMITY (MAY 1987)

The Contractor, Harding Lawson Associates, hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0317/090 are complete and accurate and comply with all requirements of this contract.

DATE: September 9, 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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Jacksonville, Florida

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Building 327, Tank 327U
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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
AST	aboveground storage tank
bls	below land surface
HLA	Harding Lawson Associates
ISI	Innovative Services International, Inc.
KAG	Kerosene Analytical Group
ppm	parts per million
OVA	organic vapor analyzer
SA	site assessment
UST	underground storage tank

1.0 INTRODUCTION

Harding Lawson Associates (HLA), under contract to the Southern Division, Naval Facilities Engineering Command, has completed the site assessment (SA) for Tank 327U 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 327U was an underground storage tank (UST) located south of Building 327. Building 327 is located at the main gate on D Avenue (Figure 1) (ABB Environmental Services, Inc. [ABB-ES], 1994). The building is the police station and main office for the Security Department.

Tank 327U had a 1,000-gallon capacity and was used to store diesel fuel for the emergency generator (ABB-ES, 1997). This tank was removed in 1995 by Innovative Services International, Inc. (ISI) (ISI, 1995). A closure assessment report (Appendix A) dated December 1, 1995, was prepared for Tank 327U and submitted to the Florida Department of Environmental Protection (ISI, 1995). The closure assessment report indicated that excessively contaminated soil and free product were present at the site but did not indicate whether or not excessively contaminated soil and free product were removed. Groundwater samples were not collected during the closure assessment due to the presence of free product.

A contamination assessment plan for the assessment of soil and groundwater at the Tank 327U site was prepared by HLA (then ABB-ES) in November 1996 (ABB-ES, 1996).

2.0 FIELD INVESTIGATION

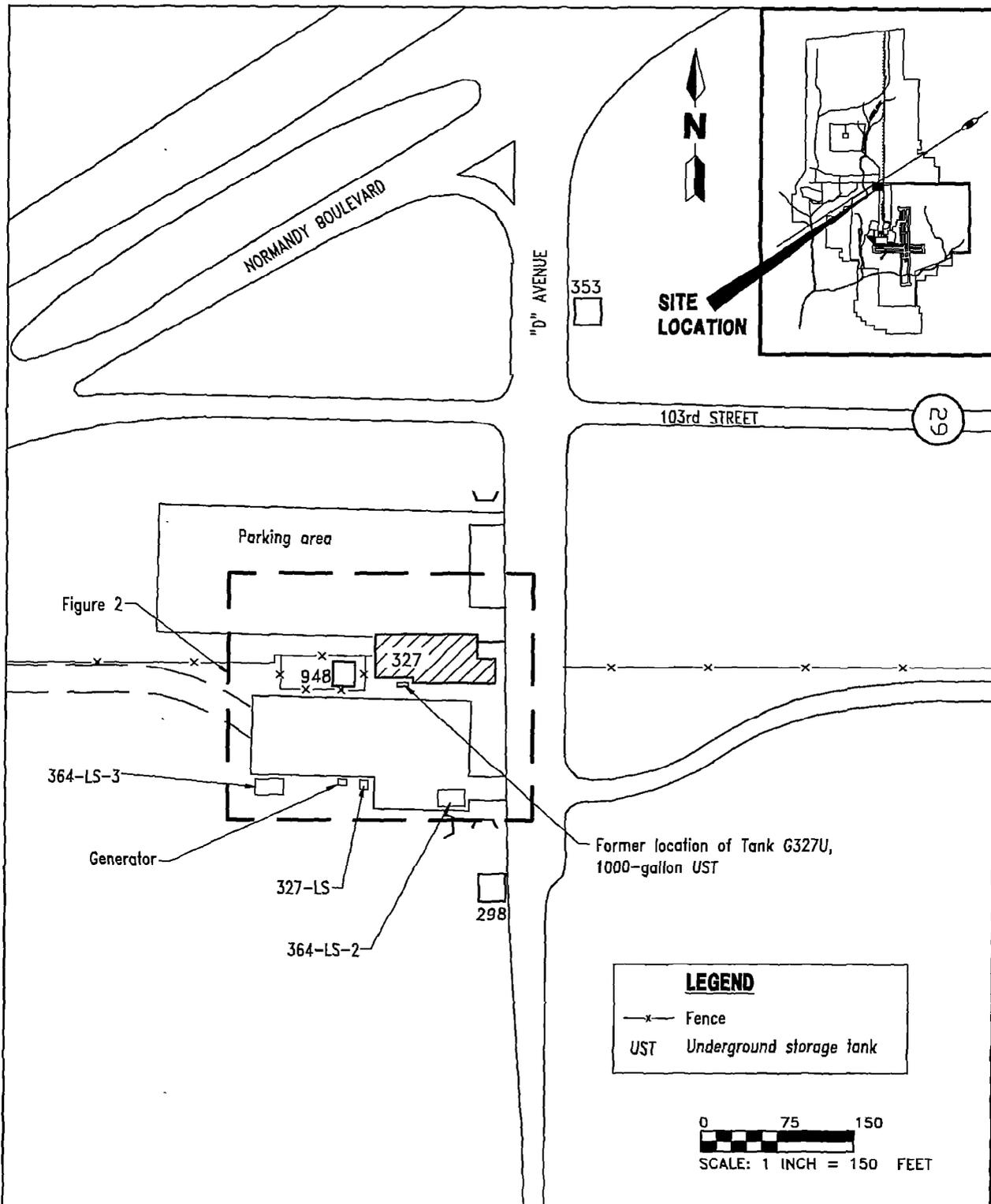
The SA at the Tank 327U site was initiated in June 1997 and included the advancement of eight soil borings. Soil samples were collected at depth intervals of 1 foot below land surface (bls) and every 2 feet thereafter to the water table. These samples were screened for hydrocarbon vapors with an organic vapor analyzer (OVA).

One Kerosene Analytical Group (KAG) subsurface soil sample was proposed for collection at soil boring location SB-3A which had an OVA reading of 480 parts per million (ppm). However, during KAG soil sample collection, the OVA reading at the same location was zero ppm and the KAG soil sample was not collected.

One monitoring well, CEF-327-1S, was installed to the northeast of the former UST location to a depth of 13 feet bls. A groundwater sample was collected on August 7, 1997, and analyzed for the KAG parameters. A general site plan indicating the location of monitoring well CEF-327-1S is presented on Figure 2. The monitoring well installation detail is included in Appendix B.

3.0 SCREENING AND ANALYTICAL RESULTS

Excessively contaminated soil was detected in one soil boring (SB-3A) at a concentration of 480 ppm on the OVA. However, this location was rescreened during KAG soil sampling and no petroleum contamination was detected with the OVA. The



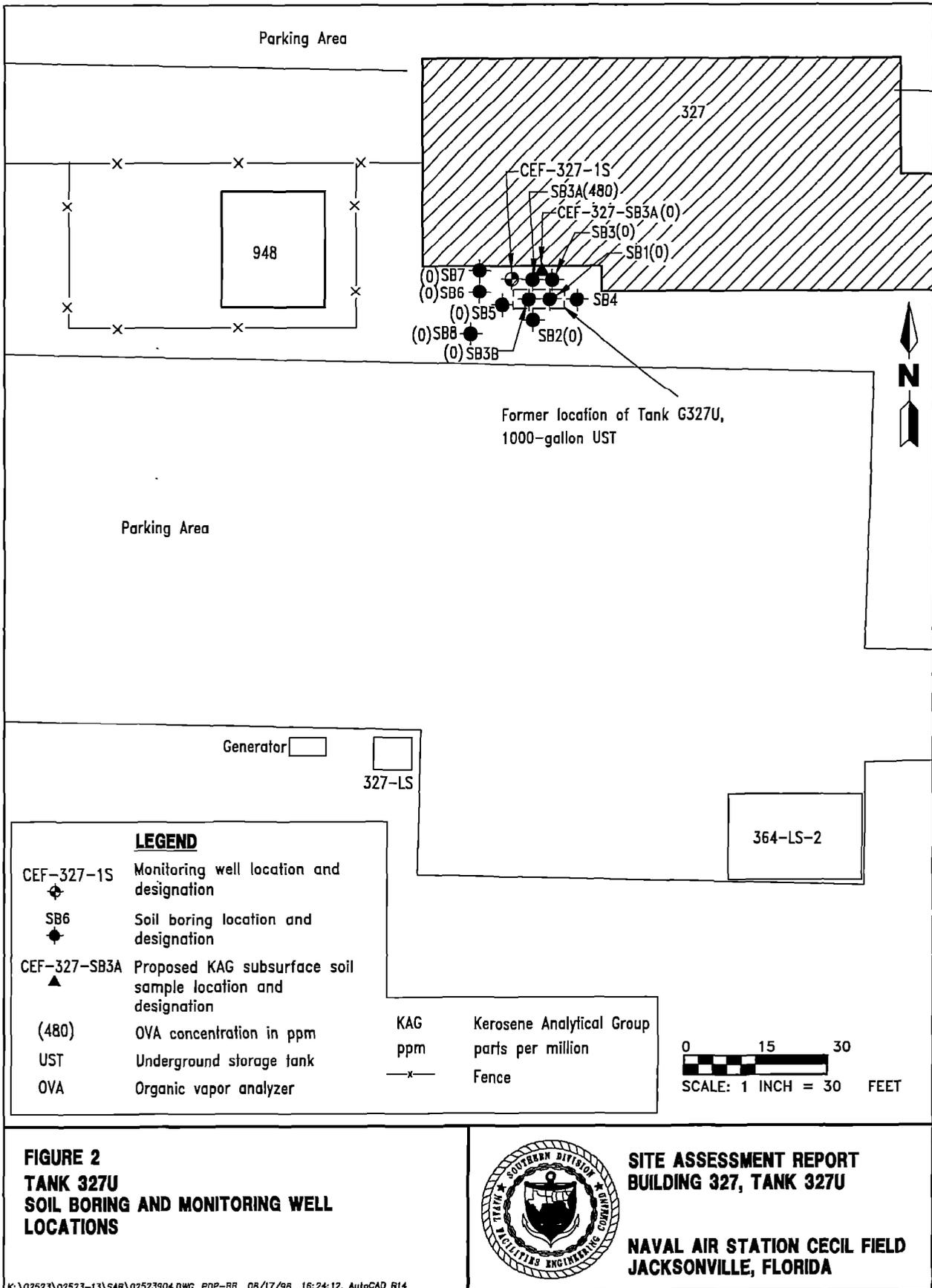
**FIGURE 1
TANK 327U
SECURITY DEPARTMENT**



**SITE ASSESSMENT REPORT
BUILDING 327, TANK 327U**

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

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**FIGURE 2
TANK 327U
SOIL BORING AND MONITORING WELL
LOCATIONS**



**SITE ASSESSMENT REPORT
BUILDING 327, TANK 327U**

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

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**Table 1
Soil Screening Results**

Site Assessment Report
Building 327, Tank 327U
Naval Air Station Cecil Field
Jacksonville, Florida

Location	OVA Concentration (ppm)			
	Depth (feet bls)	Unfiltered	Filtered	Actual
SB1	1	0	--	0
	3 (wet)	0	--	0
	5 (wet)	0	--	0
SB2	1	0	--	0
	3 (wet)	0	--	0
	5 (wet)	0	--	0
SB3	1	0	--	0
SB3A	1	0	--	0
	2 (refusal)	480	0	480
SB3B	1	0	--	0
	3 (wet)	0	--	0
	5 (wet)	0	--	0
SB4	1	0	--	0
	3 (wet)	0	--	0
	5 (wet)	0	--	0
SB5	1	0	--	0
	3	0	--	0
	5	0	--	0
SB6	1	0	--	0
	3 (wet)	0	--	0
SB7	1	0	--	0
	3 (wet)	0	--	0
SB8	1	0	--	0
	3 (wet)	0	--	0

Notes: All soil samples were collected on June 4 and November 11, 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.
refusal = subsurface obstruction encountered.

soil OVA data collected during the confirmatory sampling are summarized in Table 1 and presented on Figure 2.

Groundwater contamination was not detected in the sample collected from monitoring well CEF-327-1S (Table 2). The complete analytical data set is presented in Appendix C.

**Table 2
Summary of Groundwater Analytical Detections**

Site Assessment Report
Building 327, Tank 327U
Naval Air Station Cecil Field
Jacksonville, Florida

Compound	Monitoring Well CEF-327-1S	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 (FL-PRO) (µg/l)</u>		
No compounds detected.		

¹ Chapter 62-770, Florida Administrative Code.

Notes: Groundwater sample was collected on August 7, 1997.

USEPA = U.S. Environmental Protection Agency.
µg/l = micrograms per liter.
FL-PRO = Florida Petroleum Residual Organic.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Data obtained during the SA at the Tank 327U site indicated excessively contaminated soil was not present.

No contaminants were detected in the groundwater sample collected from monitoring well CEF-327-1S.

It is recommended that no further action take place at the Tank 327U site.

REFERENCES

- ABB Environmental Services, Inc. (ABB-ES). 1994. *Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (November).
- ABB-ES. 1996. *Contamination Assessment Plan, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for 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



DER Form # 17-761.602(6)
Form Title: Closure Assessment Form
Effective Date: December 10, 1990
DER Application No. _____
(If used on LA DERs)

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

- Date: December, 1, 1995
- DER Facility ID Number: N/A
- County: Duval
- Facility Name: N.A.S. Cecil Field - Building #327
- Facility Owner: United States Navy
- Facility Address: Building #327, D Avenue, N.A.S. 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 Diesel Fuel
- 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"/> | <input type="checkbox"/> | 1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)? |
| <input checked="" type="checkbox"/> | <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"/> | <input checked="" type="checkbox"/> | 3. Is the depth to ground water less than 20 feet? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input 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 type="checkbox"/> | <input checked="" 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"/> | <input type="checkbox"/> | 10. Are any potable wells located within 1/4 of a mile radius of the facility? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: _____ |

DER Form 17-761.900(4)
 Form Title: Closure Assessment Form
 Effective Date: December 10, 1990
 DER Application No. _____
 Filled in by: DE _____

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample locations, 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

 Date


 Signature of Person Performing Assessment

12/1/95
 Date

Professional Geologist
 Title of Person Performing Assessment

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 #	17-761.800(5)
Form Title	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: N.A.S. Cecil Field - building #327 Telephone: (____) _____
- Street Address (physical location): Building #327, D 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 overfill 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.

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

12-1-95

Date

R. Boardman

(Type or Print)

Field Supervisor Name

12-1-95

Date

[Signature]

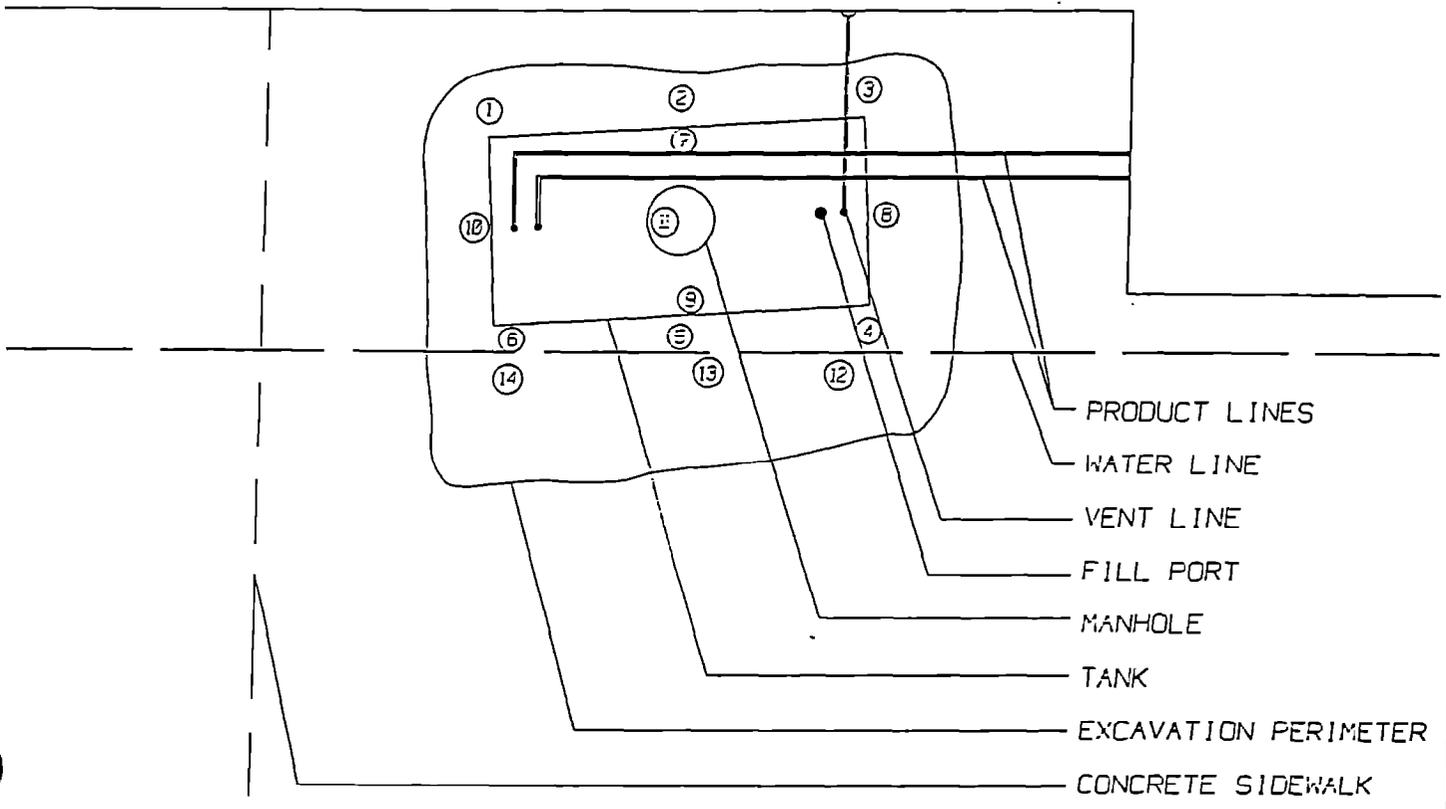
Field Supervisor Signature

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.

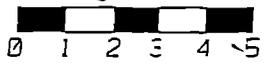
BUILDING #327



- PRODUCT LINES
- WATER LINE
- VENT LINE
- FILL PORT
- MANHOLE
- TANK
- EXCAVATION PERIMETER
- CONCRETE SIDEWALK

N

SCALE (FT):



① = SAMPLE LOCATION

SAMPLE #	HC READING	DEPTH	TIME	SAMPLE #	HC READING	DEPTH	TIME
(COLLECTED/READ)				(COLLECTED/READ)			
1	196.3	1'	9:20/9:28	8	183.0	4'	10:36/10:49
2	260.0	1'	9:20/9:29	9	194.6	4'	10:37/10:52
3	205.7	1'	9:21/9:30	10	105.4	4'	10:38/10:56
4	171	1'	9:21/9:31	11	200.1	5'	10:39/10:58
5	152.8	1'	9:23/9:32	12	151.1	1.5'	10:40/11:01
6	123.9	1'	9:23/9:34	13	200.8	1.5'	10:41/11:02
7	170.0	4'	10:36/10:48	14	180.8	1.5'	10:41/11:04

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



INNOVATIVE
SERVICES
INTERNATIONAL, INC.

SITE PLAN

BUILDING #327

NAVAL AIR STATION
CECIL FIELD
JACKSONVILLE, FLORIDA

APPENDIX B
MONITORING WELL INSTALLATION DETAIL

PROJECT: NAS Cecil Field BRAC UST Site		LOG of WELL: CEF-327-IS		BORING NO. CEF-327-IS	
CLIENT: SOUTHDIVNAVAFACENGCOM		PROJECT NO: 8571-03		DATE STARTED: 7-15-97	
DRILLING SUBCONTRACTOR: Allance		SITE: Building 327		COMPLETED: 7-15-97	
METHOD: 8.25" ID HSA		WELL CASE DIAM.: 2"		MONITOR INST. FID	
SCREEN INT.: 2.5-12.5 FT.		TOC ELEVATION: FT. NGVD		GROUND ELEV.: FT. NGVD	
SCREEN SLOT SIZE: D		NORTHING:		EASTING:	
WELL DEVELOP. DATE: 7-22-97		TOTAL DEPTH: 13.5 FT. BLS		DEPTH TO ♁ 2.03 FT. BLS	
				LOGGED BY: J tarr	

DEPTH FT.	SAMPLE INTERVAL RECOVERY HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
0		SILTY SAND: Dark gray, fine grain with silt, poorly graded.		SM		
0		SILTY SAND: As above.				
5	50%	SILTY SAND: Dark gray, fine grain with silt, poorly graded.				
10	50%	SILTY SAND: Dark gray, fine grain with silt, poorly graded.				

APPENDIX C
GROUNDWATER ANALYTICAL DATA

NAS CECIL FIELD -- TANK G327-U
GROUNDWATER -- UST ANALYTICAL PARAMETERS -- REPORT NO. 9609

Lab Sample Number: B7H0801410
Site: BRACGREY
Locator: CEF-327-1S
Collect Date: 07-AUG-97

VALUE QUAL UNITS DL

BRACGREY ANALYTICAL PARAMETERS

1,1,1-Trichloroethane	1 U	ug/L	1
1,1,2,2-Tetrachloroethane	1 U	ug/L	1
1,1,2-Trichloroethane	1 U	ug/L	1
1,1-Dichloroethane	1 U	ug/L	1
1,1-Dichloroethene	1 U	ug/L	1
1,2-Dichlorobenzene	1 U	ug/L	1
1,3-Dichlorobenzene	1 U	ug/L	1
1,4-Dichlorobenzene	1 U	ug/L	1
1,2-Dichloroethane	1 U	ug/L	1
1,2-Dichloropropane	1 U	ug/L	1
1-Methylnaphthalene	2 U	ug/L	2
2-Methylnaphthalene	2 U	ug/L	2
Acenaphthene	2 U	ug/L	2
Acenaphthylene	2 U	ug/L	2
Anthracene	2 U	ug/L	2
Benzene	1 U	ug/L	1
Benzo (a) anthracene	.1 U	ug/L	.1
Benzo (a) pyrene	.1 U	ug/L	.1
Benzo (b) fluoranthene	.1 U	ug/L	.1
Benzo (g,h,i) perylene	.2 U	ug/L	.2
Benzo (k) fluoranthene	.15 U	ug/L	.15
Bromodichloromethane	1 U	ug/L	1
Bromoform	1 U	ug/L	1
Bromomethane	1 U	ug/L	1
Carbon tetrachloride	1 U	ug/L	1
Chlorobenzene	1 U	ug/L	1
Chloromethane	1 U	ug/L	1
Chloroform	1 U	ug/L	1
Chloromethane	1 U	ug/L	1
Chrysene	.1 U	ug/L	.1
Dibenzo (a,h) anthracene	.2 U	ug/L	.2
Dibromochloromethane	1 U	ug/L	1
Dichlorodifluoromethane	1 U	ug/L	1
Ethylbenzene	1 U	ug/L	1
Ethylene dibromide	.02 U	ug/L	.02
Fluoranthene	.2 U	ug/L	.2
Fluorene	2 U	ug/L	2
Indeno (1,2,3-cd) pyrene	.1 U	ug/L	.1
Lead	5 U	ug/L	5
Methyl tert-butyl ether	1 U	ug/L	1
Methylene chloride	5 U	ug/L	5
Naphthalene	2 U	ug/L	2
Phenanthrene	2 U	ug/L	2
Pyrene	.2 U	ug/L	.2
Tetrachloroethene	1 U	ug/L	1
Toluene	1 U	ug/L	1
Total petroleum hydrocarbons	.5 U	mg/l	.5
Trichloroethene	1 U	ug/L	1
Trichlorofluoromethane	1 U	ug/L	1
Vinyl chloride	1 U	ug/L	1

NAS CECIL FIELD -- TANK G327-U
GROUNDWATER -- UST ANALYTICAL PARAMETERS -- REPORT NO. 9609

Lab Sample Number: B7H0801410
Site BRACGREY
Locator CEF-327-1S
Collect Date: 07-AUG-97

	VALUE	QUAL	UNITS	DL
Xylenes (total)	1	U	ug/L	1
cis-1,3-Dichloropropene	1	U	ug/L	1
trans-1,2-Dichloroethene	1	U	ug/L	1
trans-1,3-Dichloropropene	1	U	ug/L	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE