N60200.AR.001065
NAS CECIL FIELD, FL
5090.3a

TANK CLOSURE ASSESSMENT REPORT FORM FOR UNDERGROUND STORAGE TANK AT BUILDING G-82 NAS CECIL FIELD FL

8/6/1997

BECHTEL ENVIRONMENTAL INC

Tank Closure Assessment Report Form

1. FDEP Facility ID Number: **168507293**
2. Date: **August 6, 1997**
3. Facility Name: **Naval Station Cecil Field**
4. Facility Owner: **NAS Cecil Field Public Works Dept., Environmental Division**
5. Facility Address: **Building G-82, NAS Field, Florida**
6. Mailing Address: **Same as above**
7. Telephone Number: **(904) 778-6040**
8. Operator: **NAS**
9. Are the Storage Tank(s): (**Underline One or Both**)

   A. Aboveground or B. Underground

10. Were the Tank(s): (**Underline One**)

    A. Replaced B. Removed C. Closed in Place D. Upgraded (ug tanks only)

__ Site Closure meets 62-761, F.A.C. requirements, no contamination reported, **No remedial action currently required.**

X Site Closure meets 62-761, F.A.C. requirements, groundwater or soil contamination reported, **- Cleanup Required - Please see the comments in the attached letter.**

Charles K. Borisade, Environmental Specialist
Storage Tanks Compliance & Enforcement Section

CKB:jfk

(9)

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 Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) loc at the address listed below was performed in accordance with the Department Reference Standards.

General Facility Information

1. DER Facility Identification No.: 168507293
2. Facility Name: Naval Air Station Cecil Field . Telephone (904) 778-6040
3. Street Address (physical location): Building G82 Tank Location, NAS Cecil Field, Florida
4. Owner Name: NAS Cecil Field Public Works Dept., Environmental Div. Telephone (904) 778-6040
5. Owner Address Base Environmental Division, Public Works Dept., NAS Cecil Field, Florida
6. Number of Tanks: a. Installed at this time _____ b. Removed at this time One
7. Tank(s) Manufactured by: Unknown
8. Date Work Initiated: 6-3-97 9. Date Work Completed: 6-3-97

Underground Pollutant Tank Installation Checklist

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

1. The tanks and piping are corrosion resistant and approved for use by State and Federal Laws.
2. 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.
3. Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications.
4. 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.
5. Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87.
6. Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.)
7. Spill and overfill protection devices installed in accordance with Section 17-761.500, F.A.C.
8. 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

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

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794
904-436-8300

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

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

Southwest District
4520 Oak Fair Blvd.
Tampa, Florida 33610-7347
813-623-5561

South District
2269 Bay St.
Fort Myers, Florida 33901-2896
813-332-6975

Southeast District
1900 S. Congress Ave.
West Palm Beach, Florida
407-433-2650

Underground Storage Tank Installation &
Form Title Removal Form for Certified Contractors
Effective Date December 10, 1990
DER Application No. _____
(Filled 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; th the best of my knowledge and belief, the tank installation, replacement or removal at this facility was conducted in accordance with Ch 489 and Section 376.303, Florida Statutes and Chapter 17-761, Florida Administrative Code (and its adopted reference sources from pu tions and standards of the National Fire Protection Association (NFPA), the American Petroleum Institute (API), the National Associatic Corrosion Engineers (NACE), American Society for Testing and Materials (ASTM); Petroleum Equipment Institute (PEI); Steel Tank Ins (STI); Underwriters Laboratory (UL); and the tank and integral piping manufacturers' specifications; and that the operations on the che were performed accordingly.

Roland M. Boardman	PCC054952
(Type or Print) Certified Pollutant Tank Contractor Name Pollutant Storage System Specialty Contractor License Number (PSSSC)	PSSSC Number
Certified Tank Contractor Signature	6-12-97 Date
Roland M. Boardman	6-12- Date
(Type or Print) Field Supervisor Name	
Field Supervisor Signature	6-12-97 Date

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

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

DER Form # 17-761.900(6)
Form Title Closure Assessment Form
Effective Date December 10, 1990
DER Application No. _____ (Filled in by 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 sto system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Dete Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

1. Date: 6-3-97
2. DER Facility ID Number: 168507293
3. County: Duval
4. Facility Name: Naval Air Station Cecil Field, Florida
5. Facility Owner: NAS Cecil Field Public Works Department, Environmental Division
6. Facility Address: Tank at Building 82A, NAS Cecil Field, Florida
7. Mailing Address: NAS Cecil Field, Public Works Department, Environmental Division
8. Telephone Number: (904) 778-6040
9. Facility Operator: Public Works Dept., Environmental Divisio
10. Are the Storage Tank(s): **(Circle one or both)** A. Aboveground or (B) Underground
11. Type of Product(s) Stored: Fuel Oil
12. Were the Tank(s): **(Circle one)** A. Replaced (B) Removed C. Closed in Place D. Upgraded (aboveground tanks c
13. Number of Tanks Closed: One
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: 6/26/97 Where: JEPB
☒	☐		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 leve (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 ¼ of a mile radius of the facility?
☐	☒		11. Is there a surface water body within ¼ mile radius of the site? If yes, indicate distance: _____

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794
904-436-8300

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

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

Southwest District
4520 Oak Fair Blvd.
Tampa, Florida 33610-7347
813-623-5561

South District
2295 Bay St.
Fort Myers, Florida 33901-2896
813-332-6975

Southeast District
1900 S. Congress Ave., Su
West Palm Beach, Florida 3
407-433-2650

DER Form # 17-761.900(6)
Form Title Closure Assessment Form
Effective Date December 10, 1990
DER Application No. _____ (Filled in by DER)

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample loca 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 Me 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 subm 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 adminis 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 — Date 6/23/97

Tom Rountree, Site Safety & Health Representative

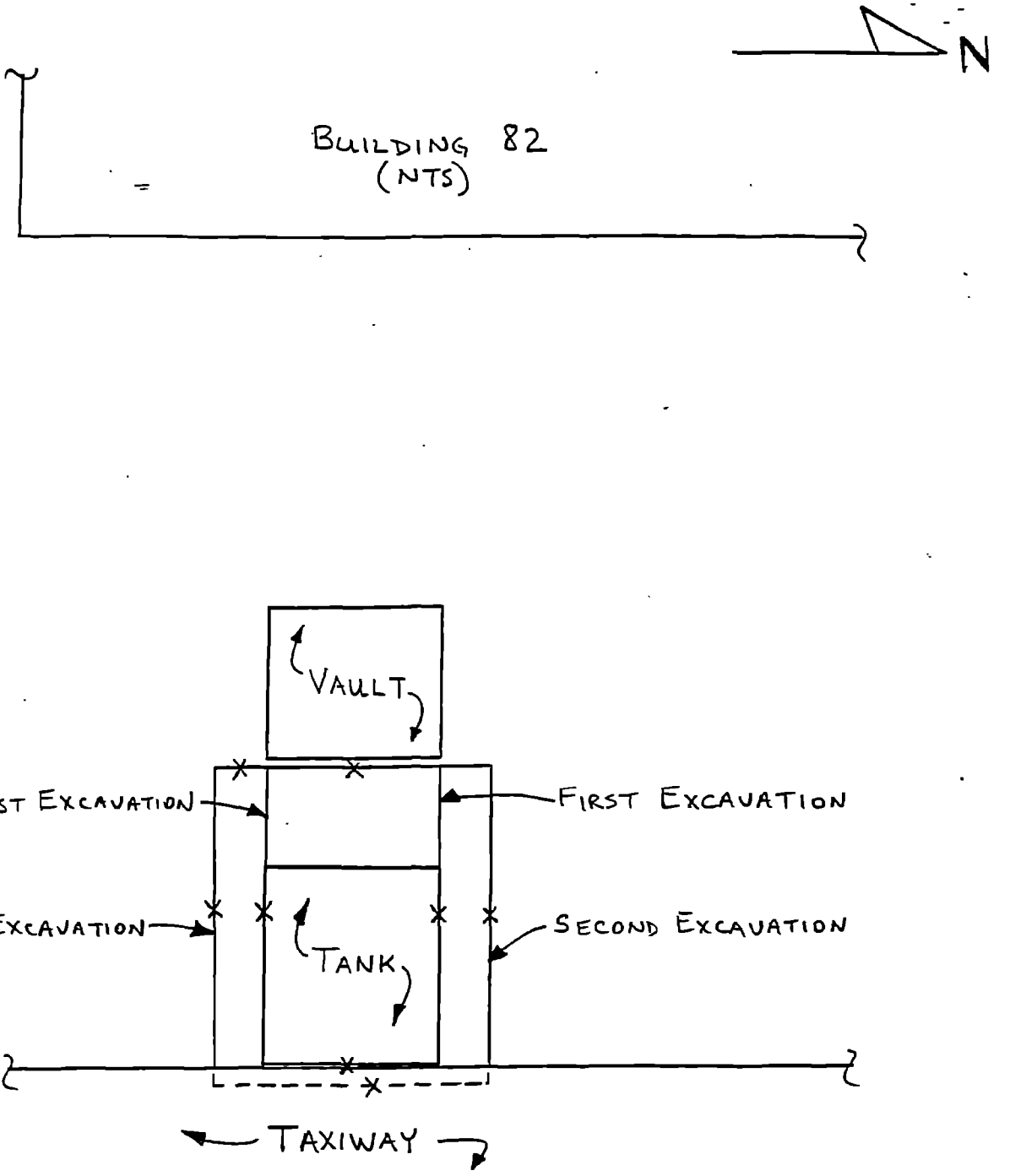
Title of Person Performing Assessment

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 Test-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)



Approximately 3 tons of contaminated soil (>50 ppm) was removed from the north and south walls. Field screening between every bucket (and therefore not noted on headspace chart) indicated contamination readings >50 ppm. BEI excavated an additional 18" (approximate) along the north and south walls, until field screening read <50 ppm. OVA analysis confirmed the sidewalls and bottom of the excavation pit to be clean.

BECHTEL ENVIRONMENTAL, INC.	
NAS CECIL FIELD UNDERGROUND STORAGE TANK REMOVAL BUILDING G82A	
SCALE: 1" = 3'	
Drawn By: D. Obenauer	Date: 02/09/98

HEADSPACE ANALYSIS SHEET - BUILDING 82A

Instrument

HeathTech OVD S/N 1041-3 :
Foxboro TVA-1000B S/N - 566 :
Thermo Environmental Instr. Model 580 S/N 5808-28648-232 : X

Field Response Check

Battery : X
Challenge Gas : X

Weather

Sunny, 85^0 F

Head space Analysis Readings

Location	Reading without Filter	Reading with Filter	Net Reading	Comments
5th Bucket	0 ppm	-	0 ppm	
10th Bucket	0 ppm	-	0 ppm	
15th Bucket	37 ppm	-	37 ppm	
20th Bucket	0 ppm	-	0 ppm	
25th Bucket	0 ppm	-	0 ppm	
North Wall	0 ppm	-	0 ppm	
South Wall	0 ppm	-	0 ppm	
East Wall	0 ppm	-	0 ppm	
West Wall	6.1 ppm	-	6.1 ppm	
Bottom	0 ppm	-	0 ppm	

- Did not use charcoal filter

T.E. Rountree
EH&S Specialist

6/24/97
Date

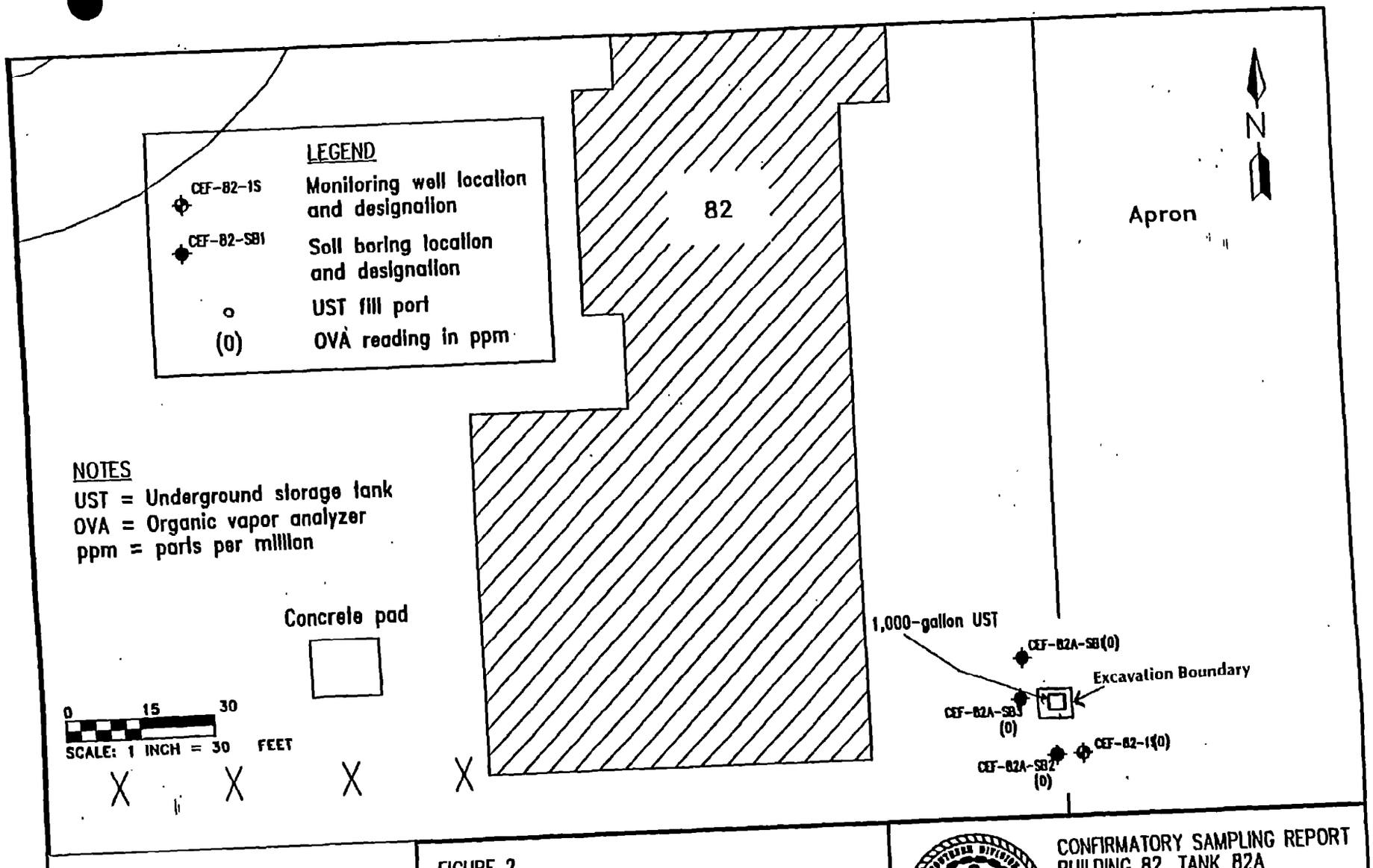


FIGURE 2
TANK 82A
SOIL BORING AND MONITORING WELL LOCATIONS

CONFIRMATORY SAMPLING REPORT
BUILDING 82, TANK 82A

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Table 1
Soil Screening Results

Confirmatory Sampling Report
Building 82, Tank 82A
Naval Air Station Cecil Field
Jacksonville, Florida

Location	OVA Concentration (ppm)			
	Depth (feet bls)	Unfiltered	Filtered	Actual
CEF-82A-SB1	1	0	–	0
	3	0	–	0
	5	0	–	0
	7	0	–	0
	8 (wet)	0	–	0
CEF-82A-SB2	1	0	–	0
	3	0	–	0
	5	0	–	0
	7	0	–	0
	8.5 (wet)	11	0	11
[1]CEF-82A-SB3	1	0	–	0
	3	0	–	0
CEF-82-1S	1	0	–	0
	3	0	–	0
	5	0	–	0
	11 (wet)	0	–	0

Notes: [1] Met refusal at 3.5 feet below land surface.
All soil samples were collected on January 14, 1997.
Monitoring well CEF-82-1S was installed on March 10, 1997.
Soil samples were filtered with carbon to determine the methane concentration.

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

Groundwater Analytical Data

Groundwater monitoring well installation and sampling were conducted by ABB Environmental Services, Inc. (ABB-ES) in accordance with the *Tank Management Plan, Naval Air Station Cecil Field, Jacksonville, Florida*, ABB-ES, 1996. Prior to well installation, soil borings were advanced on each side of the tank and soil samples were collected and screened with an organic vapor analyzer (OVA). The monitoring well was installed in the boring with highest OVA reading. If no contamination was detected in the borings or if the OVA readings were equal in all borings, the monitoring well was installed on the downgradient side of the tank. The downgradient side was selected based on U.S. Geological Survey (USGS) modeling and research as presented in *Groundwater Flow in the Surficial Aquifer System and Potential Movement of Contaminants from Selected Waste Disposal Sites at Cecil Field Naval Air Station, Jacksonville, Florida*, 1996.

SAMPLE SUMMARY

A8A310103

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CF5VL	001	CEF-82G-1S	01/28/98	17:0

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

CASE NARRATIVE

The following report contains the analytical results for one water sample submitted to Quanterra-Tampa by ABB Environmental Services, Inc. from the NAS Cecil Field-UST Gray Site. The sample was received at Quanterra-Tampa on January 29, 1998, and at Quanterra-North Canton on January 31, 1998, according to documented sample acceptance procedures.

TPH-FL-PRO analysis was performed at Quanterra's Tampa, Florida facility.

Quanterra-North Canton utilizes only USEPA approved methods and instrumentation in all analytical work. The sample presented in this report was analyzed for the parameters listed on the method reference page in accordance with the methods indicated. Preliminary results were provided by facsimile transmission to Joy Myers on February 11, 1998.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan. All data have been found to be compliant with laboratory protocol.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

Sample CEF-82G-1S was identified as CEF-82G-1S on the chain-of-custody and as CEF-G82-1S on the sample labels. The sample was identified per the chain-of-custody.

Sample CEF-82G-1S was submitted for Polynuclear Aromatic Hydrocarbons by 8310. The sample was analyzed for Polynuclear Aromatic Hydrocarbons by 610 per past sample history.

POLYNUCLEAR AROMATIC HYDROCARBONS

The matrix spike associated with sample CEF-82G-1S failed recovery criteria. The laboratory control sample associated with this batch was in control. This is believed to be a matrix effect; therefore, no further corrective action was taken.

For any compound that is detected only on the ultraviolet detector, confirmation analysis is not possible. If Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, or Pyrene is detected, their quantitation levels are not confirmed by a second detector (Fluorescence).

Chain of Custody Record

Quanterra Environmental Services

UA-4124-1

Client: ABB-ES	Project Manager: RAO ANGARA	Date: 1-28-98	Chain Of Custody Number: 65025
Address: 2590 Executive Center Circle East	Telephone Number (Area Code)/Fax Number: (904) 779-0077	Lab Number:	Page: 1 of 1
City: Tallahassee / State: FL / Zip Code: 32301	Site Contact: Jeff Tann	Lab Contact: Steve Tuttle	
Project Name: NAS Cecil Field UST Grayfield Sites	Carrier/Waybill Number: FED EXP 801886094135		
Contract/Purchase Order/Quote No.: PO#			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 601/602 (PAH)	8310	FL PRO (GRO)	Special Instructions/ Conditions of Receipt
CEF-826-15	1-28-98	1700	X									2	2	1	⊛ 1 40 mL vial Broke Therefore only 2 40 mL vials being sent.

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify):

1 Relinquished By	Date: 1-28-98	Time: 1748	1 Received By: Carol McNulty	Date: 1/29/98	Time: 1000
2 Relinquished By	Date: 1/29/98	Time: 14:00	2 Received By: Valley Graves	Date: 980131	Time: 945
3 Relinquished By	Date:	Time:	3 Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

ABB ENVIRONMENTAL SERVICES

Lab Name: QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Method: CFR136A 601
Volatile Organics (601)

Lab Sample ID: A8A310103 001

Sample WT/Vol: 5 / mL
Work Order: CF5VL101

Date Received: 01/31/98
Date Extracted: 02/04/98
Date Analyzed: 02/04/98

QC Batch: 8036170

Client Sample Id: CEF-82G-1S

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
110-75-8	2-Chloroethyl vinyl ether	5.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-09-2	Methylene chloride	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U

ABB ENVIRONMENTAL SERVICES

Lab Name:QUANTERRA

SDG Number:

Matrix: (soil/water) WATER
Method: CFR136A 601
Volatile Organics (601)

Lab Sample ID:A8A310103 001

Sample WT/Vol: 5 / mL
Work Order: CF5VL101

Date Received: 01/31/98
Date Extracted:02/04/98
Date Analyzed: 02/04/98

QC Batch: 8036170

Client Sample Id: CEF-82G-1S

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-01-4	Vinyl chloride	1.0	U

ABB ENVIRONMENTAL SERVICES

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:A8A310103 001
Method: CFR136A 610
Hydrocarbons, Polynuclear Aromatic (HPLC - 610)

Sample WT/Vol: 1000 / mL Date Received: 01/31/98
Work Order: CF5VL103 Date Extracted:02/02/98
Dilution factor: 1 Date Analyzed: 02/10/98
Moisture %:NA

QC Batch: 8033219

Client Sample Id: CEF-82G-1S

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	1.0	U
208-96-8	Acenaphthylene	1.0	U
120-12-7	Anthracene	1.0	U
56-55-3	Benzo(a)anthracene	0.10	U
50-32-8	Benzo(a)pyrene	0.10	U
205-99-2	Benzo(b)fluoranthene	0.10	U
191-24-2	Benzo(ghi)perylene	0.10	U
207-08-9	Benzo(k)fluoranthene	0.050	U
218-01-9	Chrysene	0.10	U
53-70-3	Dibenz(a,h)anthracene	0.10	U
206-44-0	Fluoranthene	0.10	U
86-73-7	Fluorene	1.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.10	U
90-12-0	**1-Methylnaphthalene**	**29**	
91-57-6	**2-Methylnaphthalene**	**27**	
91-20-3	**Naphthalene**	**8.4**	
85-01-8	Phenanthrene	1.0	U
129-00-0	**Pyrene**	**0.26**	

ABB ENVIRONMENTAL SERVICES

Client Sample ID: CRF-82G-1S

GC Semivolatiles

Lot-Sample #...: A8A310103-001 **Work Order #...:** CF5VL104 **Matrix.....:** WATER
Date Sampled...: 01/28/98 17:00 **Date Received..:** 01/31/98
Prep Date.....: 01/29/98 **Analysis Date..:** 02/02/98
Prep Batch #...: 8029214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (C8-C40)	**1.5**	**0.50**	**mg/L**	**FL-DEP FL-PRO**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	111	(33 - 162)
Nonatriacontane	38	(10 - 109)

NO MANIFEST FOR THIS TANK.

OIL PUMPED BY NAVY TO A

10,000- GALLON USED OIL TANK

FOR RECYCLING