

N60200.AR.001041
NAS CECIL FIELD, FL
5090.3a

MEMORANDUM AND UNDERGROUND STORAGE TANK ASSESSMENT REPORT FOR
TANK 1846-1 AND TANK 1846-2 NAS CECIL FIELD FL
6/13/1997
USN PORTSMOUTH

APR 13 1997

MEMORANDUM

From: Director, Supervisor of Shipbuilding, Conversion and Repair, USN, Portsmouth, VA, Environmental Detachment Charleston, SC (SPORTENVDETCNASN)

To: Naval Air Station, Cecil Field, Jacksonville, Florida
(Base Environmental - Lloyd Cruz)

Subj: UST ASSESSMENT REPORT FOR UST's 1846-1 and 1846-2

Ref: (a) NAS Cecil Field Closure Assessment Guidance Format Document For
Petroleum Storage Tank Removals, dated March 1997

(b) FDEP Pollutant Storage Tank Closure Assessment Requirements

(c) FDEP Quality Assurance Standard Operating Procedures for Petroleum
Storage System Closure Assessments.

Encl: (1) UST Assessment Report for UST's 1846-1 and 1846-2

1. Enclosure (1) is the UST Assessment Report for 1846-1 and 1846-2. UST 1846-1 was an unregulated, 2,000 gallon tank which supplied fuel oil to building 1846. UST 1846-2 was an unregulated, 200 gallon tank connected to an oil water separator fed by building 1846 roof drains and building 1846 cooling tower. Both tanks are at Naval Air Station, Cecil Field. UST 1846-1 & 2 tank removals were completed on 19 & 20 April 1997, respectively. This report documents the tank removals and serves as SPORTENVDETCNASN's work completion report for all work associated with the removal of the subject tanks.

2. The UST Assessment Report (AR) contains the information required by reference (a) and based on work completed in accordance with References (b) and (c).

E. R. Dearhart
for E. R. Dearhart



Florida Department of Environmental Regulation

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

DER Form # 17-761.90026
Form Title Closure Assessment Form
Effective Date December 10, 1990
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 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: 3 June 1997
2. DER Facility ID Number: 168507293
3. County: Duval
4. Facility Name: Building 1846
5. Facility Owner: Naval Air Station Cecil Field
6. Facility Address: Building 1846, "A" Avenue
7. Mailing Address: N.P.W.C., Box 101, Cecil Field Zone, Jacksonville, FL 32215-0101
8. Telephone Number: (904) 778-5620
9. Facility Operator: Lloyd Cruz
10. Are the Storage Tank(s): (Circle one or both) A. Aboveground or B. Underground
11. Type of Product(s) Stored: Fuel oil and waste oil
12. Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only) Unknown
13. Number of Tanks Closed: 2
14. Age of Tanks:

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?
3. Is the depth to ground water less than 20 feet?
4. Are monitoring wells present around the storage system?
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?
7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?
8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
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:

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

T. L. LeGuerre

 Signature of Person Performing Assessment

 Date

6/13/97

 Date

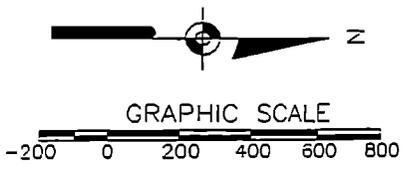
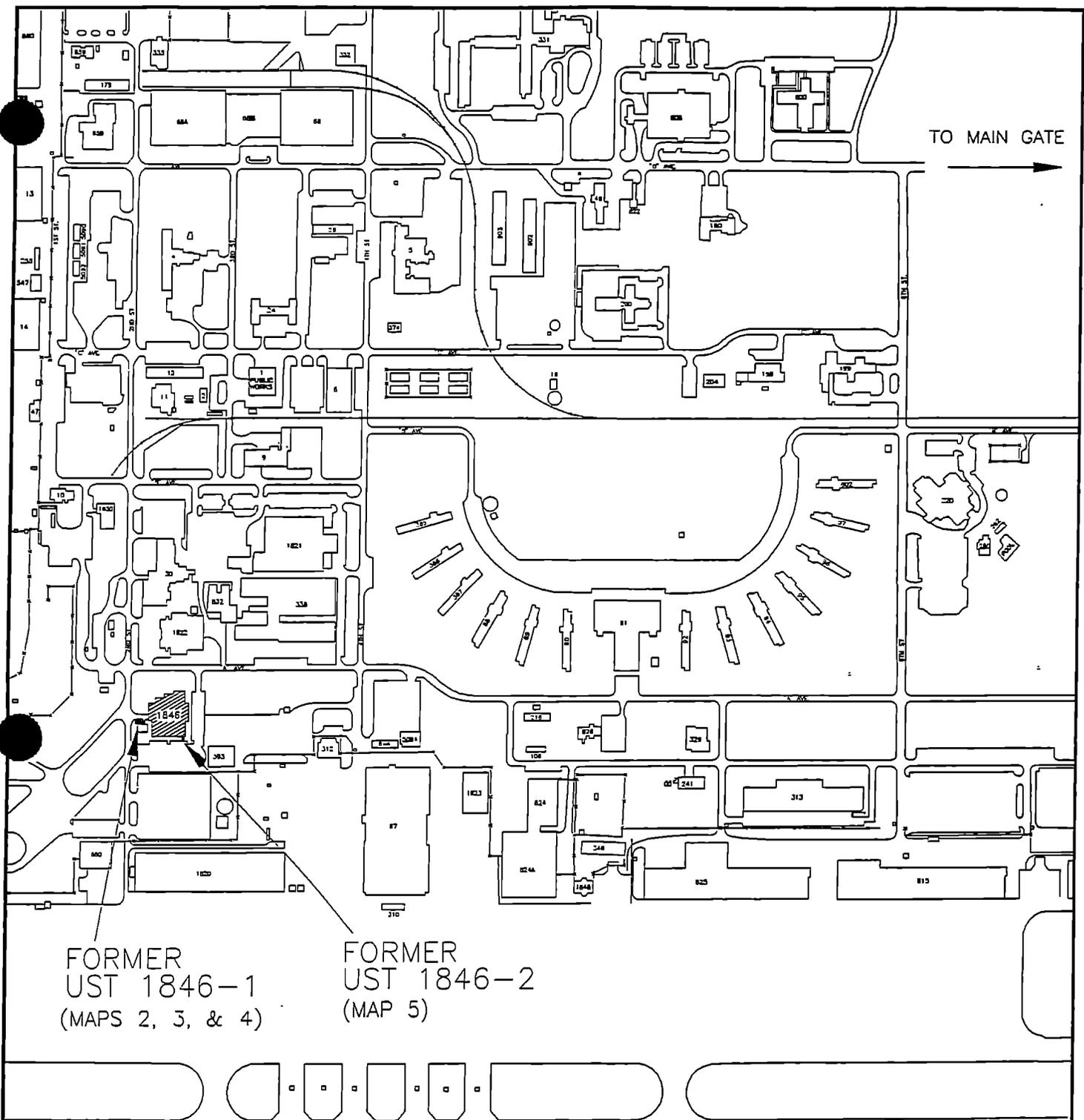
Environmental Specialist

 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:

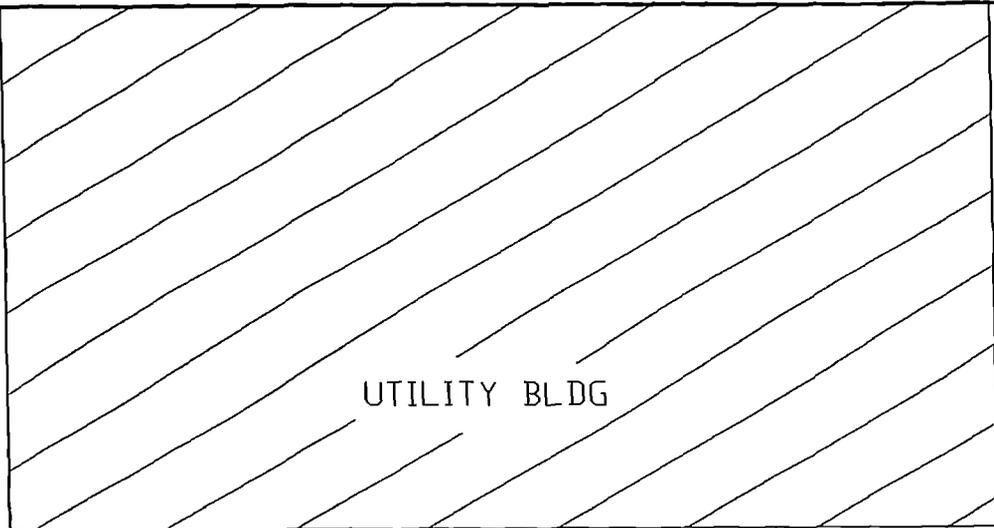
- | | |
|--|---|
| <ol style="list-style-type: none"> 1. For gasoline (EPA Method 602): <ol style="list-style-type: none"> a. Benzene 1 ug/l b. Total VOA 50 ug/l <ul style="list-style-type: none"> - Benzene - Toluene - Total Xylenes - Ethylbenzene c. Methyl Tertiary-Butyl Ether (MTBE) 50 ug/l | <ol style="list-style-type: none"> 2. For kerosene/diesel (EPA Method 610): <ol style="list-style-type: none"> a. Polynuclear Aromatic Hydrocarbons (PAHS)
 (Best achievable detection limit, 10 ug/l maximum) |
|--|---|



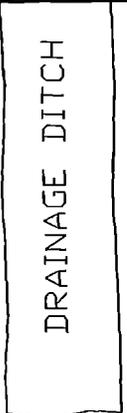
SPORTENVDETHASN
 1899 North Hobson Ave.
 North Charleston, SC 29405-2106
 Ph. (803) 743-6777

Site Map 1
 USTs 1846-1 and 1846-2
 NAS Cecil Field
 Jacksonville, FL

DWG DATE: 15 MAY 97 | DWG NAME: CF1846_1



UTILITY BLDG

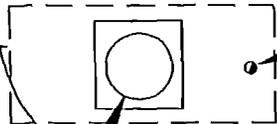


DRAINAGE DITCH

VENT

GRASS

FORMER UST 1846-1

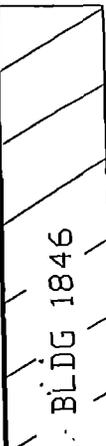


FILL

MANWAY

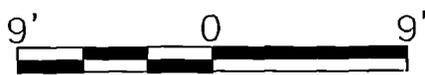
SECOND STREET

ASPHALT DRIVE



BLDG 1846

GRASS



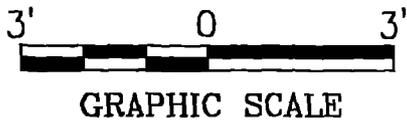
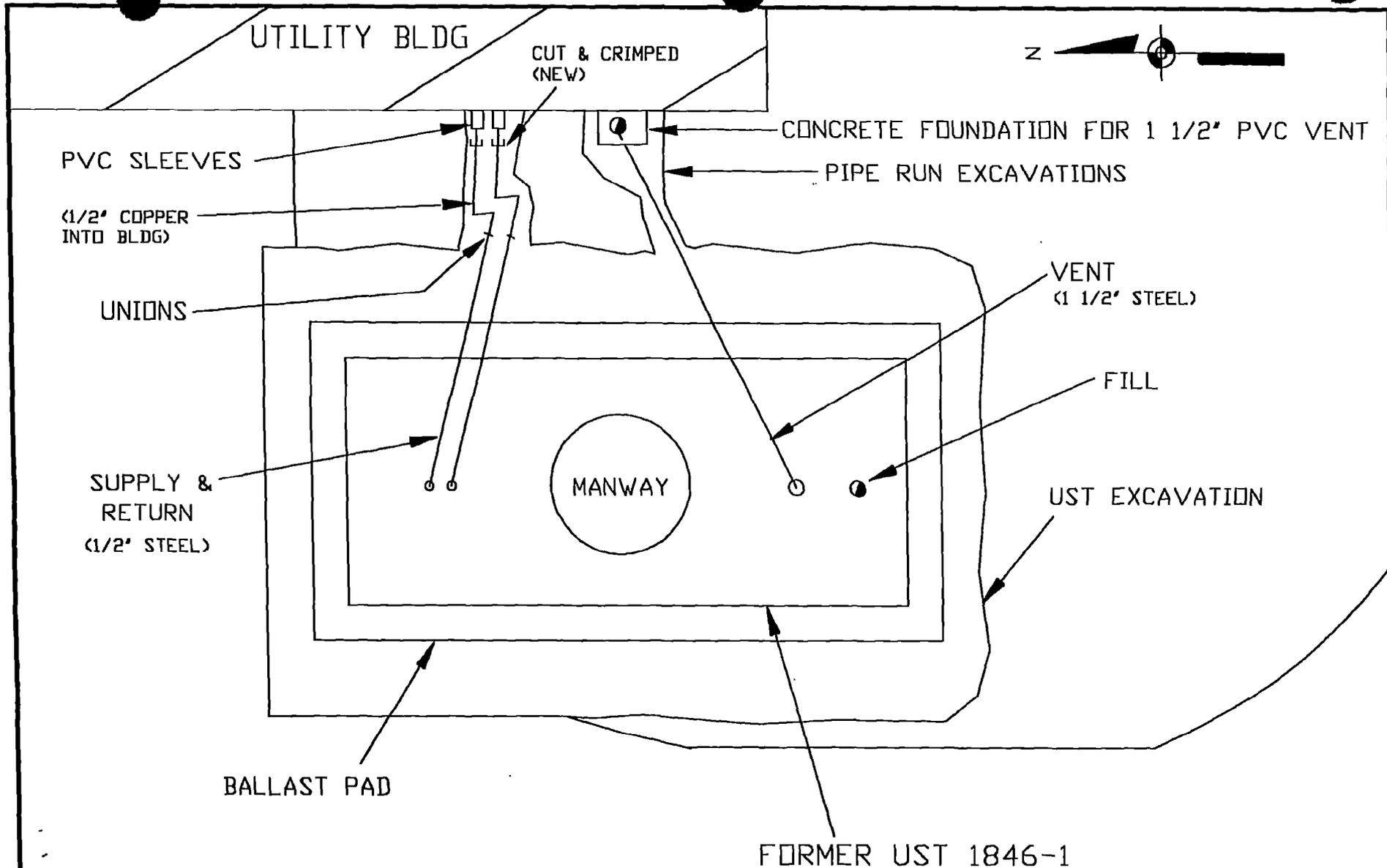
GRAPHIC SCALE

SPORTENVDETCHASN
1899 North Hobson Ave.
North Charleston, SC
29405-2106
Ph. (803) 743-6777

Site Map 2
UST 1846_1
NAS Cecil Field
Jacksonville, FL

DWG DATE: 24 MAY 97

IIWG NAME: CF1846_2

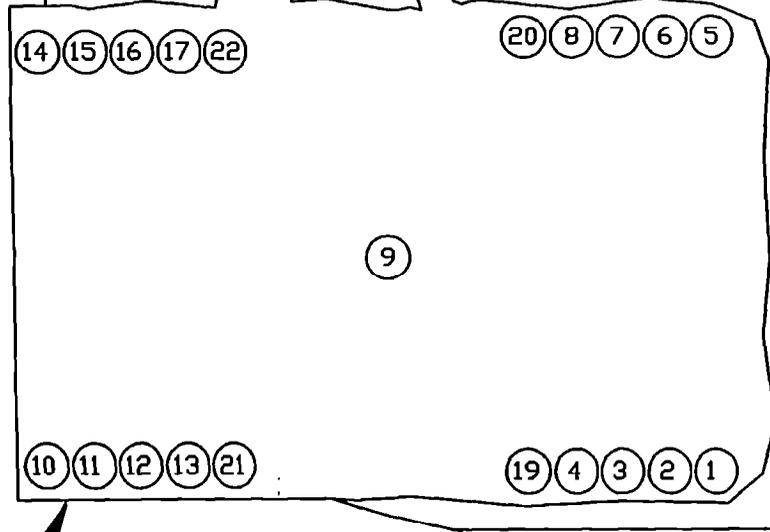


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 1899 North Hobson Ave.
 North Charleston, SC
 29405-2108
 Ph. (803) 743-8777

Site Map 3
 UST 1846_1
 NAS Cecil Field
 Jacksonville, FL

DWG DATE: 24 MAY 97 | DWG NAME: CF1846_3

UTILITY BLDG



FORMER UST 1846-1 EXCAVATION

LEGEND

⑨ - SOIL SAMPLE (SS-#)



SS #	TIME	DEPTH	READING(ppm)
SS-1	4/19/97 1900	1'	0.0
SS-2	1901	3'	0.0
SS-3	1902	5'	0.0
SS-4	1903	7'	0.0
SS-5	1904	1'	0.0
SS-6	1905	3'	0.0
SS-7	1906	5'	0.0
SS-8	1907	7'	0.0
SS-9	1908	9'	0.0
SS-10	1912	1'	0.0
SS-11	1913	3'	0.0
SS-12	1914	5'	0.0
SS-13	1915	7'	0.0
SS-14	1918	1'	0.0
SS-15	1919	3'	0.0
SS-16	1920	5'	0.0
SS-17	1921	7'	0.0
SS-18	1915	4'	11.0
SS-19	1909	9'	0.0
SS-20	1910	9'	0.0
SS-21	1916	9'	0.0
SS-22	1922	9'	0.0

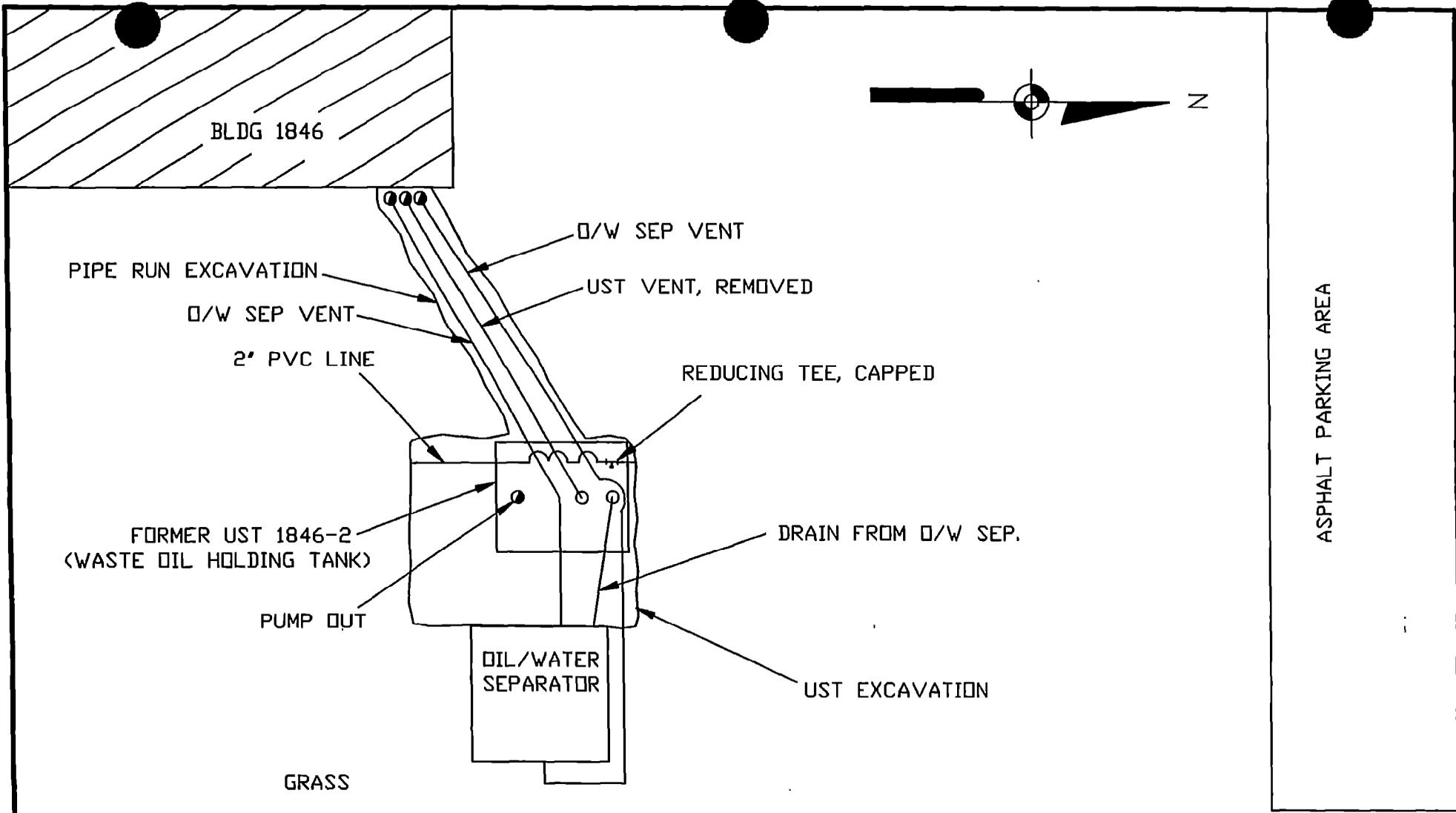
NOTE:

All excavated soil was used as backfill. Additional fill dirt was provided by Powerline Sand Inc, 8442 W. Beaver St. Jacksonville, Florida 32220

SPORTENVDETCHASN
1899 North Hobson Ave.
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Site Map 4
UST CF1846_1
NAS Cecil Field
Jacksonville, FL

DWG DATE: 27 MAY 97 | DWG NAME: CF1846_4



PIPE RUN EXCAVATION

O/W SEP VENT

2' PVC LINE

FORMER UST 1846-2
(WASTE OIL HOLDING TANK)

PUMP OUT

GRASS

OIL/WATER
SEPARATOR

DRAIN FROM O/W SEP.

UST EXCAVATION

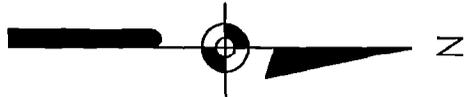
REDUCING TEE, CAPPED

O/W SEP VENT

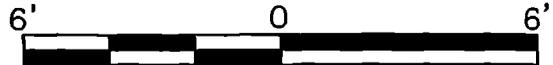
UST VENT, REMOVED

BLDG 1846

ASPHALT PARKING AREA



ASPHALT PARKING AREA



GRAPHIC SCALE

NOTE:
All excavated soil was used as backfill. Additional fill dirt was provided by
Powerline Sand Inc, 8442 W. Beaver St, Jacksonville, Florida 32220

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North Charleston, SC
29405-2108
Ph. (803) 743-8777

Site Map 5
UST 1846-2
NAS Cecil Field
Jacksonville, FL

DWG DATE: 27 MAY 97

DWG NAME: CF1846_5

SPORTENVDETHASN
SUPSHIP PORTSMOUTH ENVIRONMENTAL DETACHMENT CHARLESTON
1899 NORTH HOBSON AVENUE
NORTH CHARLESTON, S.C. 29405-2106
Underground Storage Tank (UST) Assessment Report

I OWNERSHIP OF UST(S)

Agency/Owner: Naval Air Station, Cecil Field		DER Facility No. 168507293	
Mailing Address: N.P.W.C., Box 101, Cecil Field Zone, NAS Cecil Field.			
City: Jacksonville	State: FL	Zip Code: 32215-0101	
Area Code: 904	Telephone Number: 778-5620	Contact Person: Lloyd Cruz	

II SITE IDENTIFICATION AND LOCATION

Site I.D. #:	BUILDING 1846		
Facility Name:	Naval Air Station Cecil Field		
Street Address:	Building 1846, "A" Avenue		
City:	Jacksonville, 32215-0101	County:	Duval

III CLOSURE INFORMATION

Closure Started: 4/19/97	Closure Completed: 4/20/97
Number of USTs Closed: 2	
N/A	SPORTENVDETHASN
Consultant	UST Removal Contractor

IV. CERTIFICATION (Read and Sign after completing entire submittal)

<small>I certify that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete.</small>	
T.L. McElwee - Project Engineer	
Name (Type or Print)	
	
Signature	

V. UST INFORMATION

- A. Product.....
- B. Capacity.....
- C. Age.....
- D. Construction Material.....
- E. Month/Year of Last Use.....
- F. Depth (ft.) To Base of Tank.....
- G. Spill Prevention Equipment Y/N.....
- H. Overfill Prevention Equipment Y/N.....
- I. Method of Closure Removed/Filled.....
- J. Visible Corrosion or Pitting Y/N.....
- K. Visible Holes Y/N.....

1846-1	1846-2	Tank 3	Tank 4	Tank 5
Fuel Oil	Waste Oil/Water			
2,000 gal	200 gal			
Unk	Unk			
Steel	Fiberglass coated steel			
Unk	Unk			
9'	9'			
N	N			
N	N			
R	R			
Y	N			
N	N			

L. Method of disposal for any USTs removed from the ground (attach disposal manifests)

USTs 1846-1 and 1846-2 were removed, drained, cut open at both ends, and cleaned with a steam cleaner. They were then cut up for recycling as scrap metal and delivered to the Cecil Field Recycling Center. (See Attachment III.)

M. Method of disposal for any liquid petroleum, sludges, or waste waters removed from the USTs (attach disposal manifests)

Prior to removing UST 1846-1, any residual product was pumped out by contractor. The Disposal Manifest for the residual product is included in Attachment III.

UST 1846-2, a waste oil tank, was filled with water. This and any oily rinse water from cleaning the tanks was recycled through the oil/water separator at the Transportation Office, Building 80, NAS Cecil Field.

N. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST

UST 1846-1, a fuel oil tank, had a black painted exterior. It was in very good condition with only minor corrosion. UST 1846-2 was a fiberglass-coated, steel waste oil tank which was in excellent condition and had no corrosion, pitting, or holes.

VI. PIPING INFORMATION

- A. Construction Material.....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System P/S.....
- E. Was Piping Removed from the Ground? Y/N....
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....

1846-1	1846-2	Tank 3	Tank 4
Cpr, Steel, & PVC	Steel		
8' See note 1	9' See note 2		
1 See note 1	1 See note 2		
S	N/A See note 2		
Y	Y		
Y	Y		
N	N		
Unk	Unk		

Note 1: UST 1846-1 provided heating fuel oil to Building 1846.

Note 2: UST 1846-2 was a gravity fed waste oil tank.

- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each line.

The piping for both tanks had minimal corrosion and was in good condition overall.

VII. BRIEF SITE DESCRIPTION AND HISTORY

Building 1846 is located on "A" Avenue at NAS Cecil Field, Jacksonville, FL. UST 1846-1 was located on the south side of building 1846 and provided heating fuel to a boiler via a utility building. UST 1846-2 was a waste oil collection tank for an oil-water separator that was located at the northeast corner of building 1846. The oil-water separator was fed by a cooling tower and Building 1846 roof drains. This would explain the large amounts of water in this tank verses oil.

VIII. SITE CONDITIONS

Yes No Unk

		Yes	No	Unk
A.	<p>Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate depth and location on the site map.</p>		X	
B.	<p>Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate location on site map and describe the odor (strong, mild, etc.)</p>		X	
C.	<p>Was water present in the UST excavation, soil borings, or trenches?</p> <p>If yes, how far below land surface (indicate location and depth)?</p> <p>_____</p>		X	
D.	<p>Did contaminated soils remain stockpiled on site after closure?</p> <p>If yes, indicate the stockpile location on the site map.</p> <p>_____</p>		*X	
E.	<p>Was a petroleum sheen or free product detected on any excavation or boring waters?</p> <p>If yes, indicate location and thickness on the site map.</p>		N/A	

*Excavated soil was used as backfill. Additional fill dirt was provided by Powerline Sand Inc., 8442 W. Beaver St., Jacksonville, Florida, 32220.

IX. SAMPLING METHODOLOGY

Provide a detailed description of the methods used to collect and/or store (preserve) the samples.

After the removal of UST 1846-1, an Organic Vapor Analyzer-Flame Ionization Detector (PE PHOTOVAC MicroFid, Serial Number CZEF215) was used to screen the soils for petroleum hydrocarbon vapors. OVA headspace samples were taken in each corner and in the center of the excavation at 1' and every two feet thereafter until reaching the concrete ballast pad. The top of UST 1846-1's ballast pad was at 9 feet below Ground Surface Level. OVA headspace soil samples were extracted using the backhoe bucket and sampled from the middle of the bucket. No ground water was present in the excavation.

After the removal of UST 1846-2, the top of the ballast pad was located at 9 feet below GSL. Per paragraph B.3 of FDEP's Storage Tank Closure Assessment Requirements and Section VI of FDEP's Quality Assurance Standard Operating Procedures for Petroleum Storage System Closure Assessments, no OVA headspace samples were taken. However, a visual inspection of the excavation, tank condition and the removed soil was performed. The tank was in excellent condition and there was no evidence of a discharge or spill in the excavation or in the removed soil. No ground water was present in the excavation.

Based on the results of the OVA headspace samples on tank 1846-1 and the above observations on tank 1846-2, no temporary wells were installed and no ground water samples taken.

UST piping soil samples were taken two feet under the piping at the mechanical connections or at the center of the piping run. Sampling was performed in accordance with the FDEP Pollutant Storage Tank Closure Assessment Requirements and the FDEP Quality Assurance Standard Operating Procedures for Petroleum Storage System Closure Assessments.

SITE MAP

You must supply a scaled site map. It should include all buildings, road names, utilities, tank and pump island locations, sample locations, extent of excavation, and any other pertinent information.

Site Maps

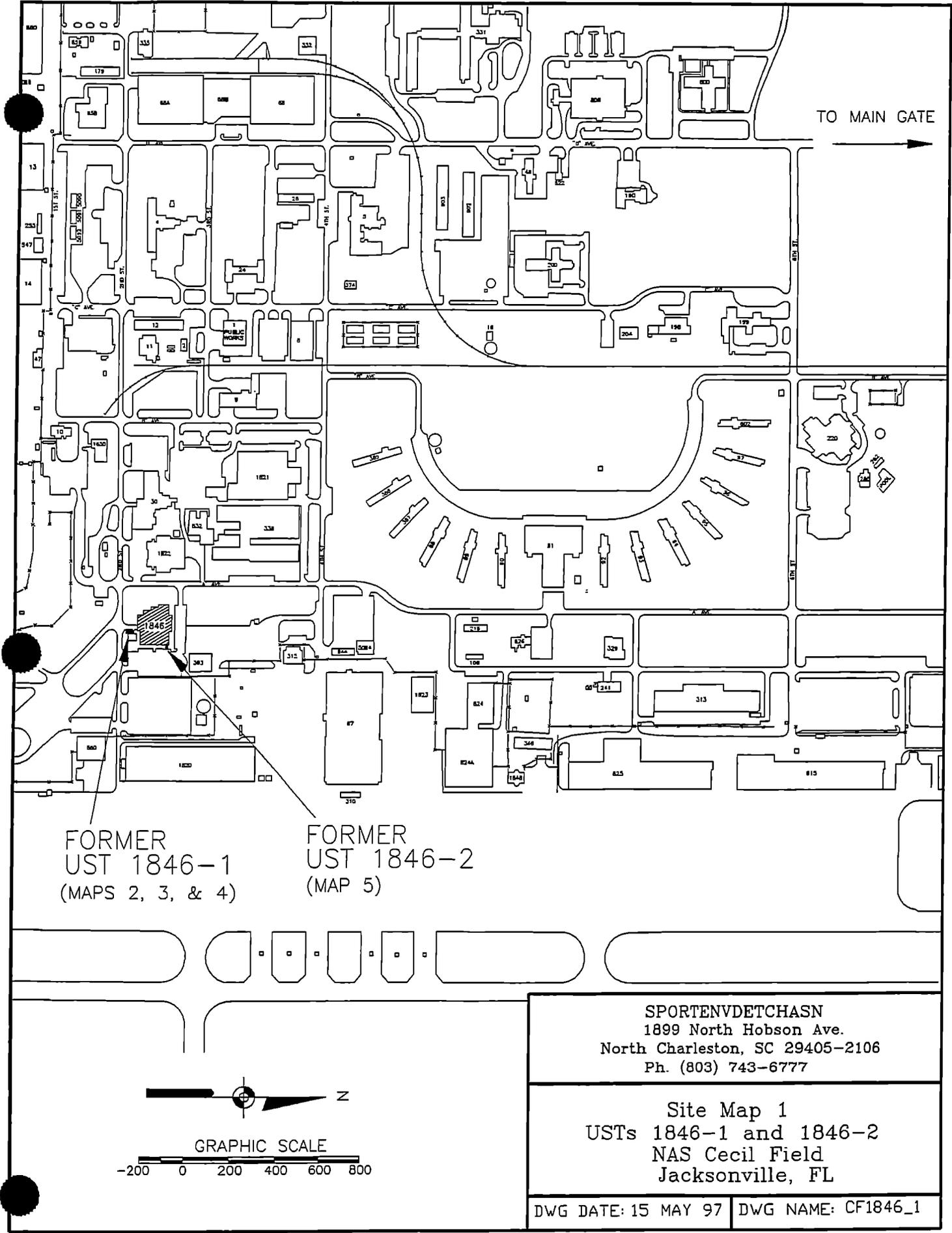
UST 1846-1 - maps 1, 2, 3, and 4

UST 1846-2 - map 5

Photographs

UST 1846-1 - photos 1 and 2

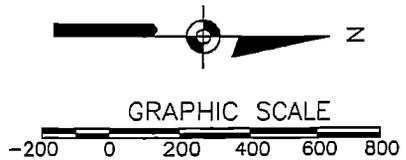
UST 1846-2 - photos 3 and 4



TO MAIN GATE

FORMER
UST 1846-1
(MAPS 2, 3, & 4)

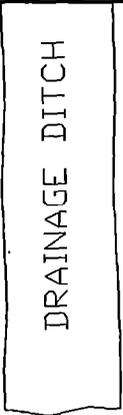
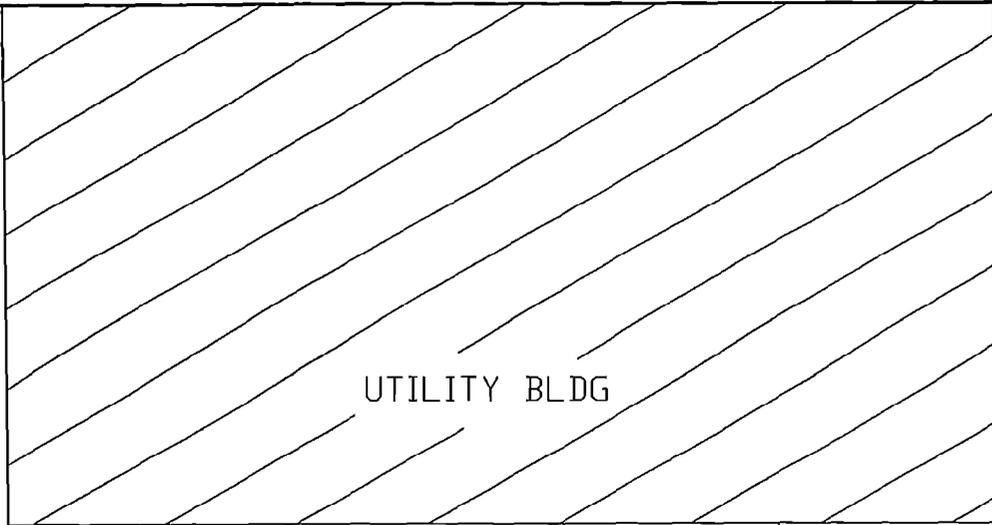
FORMER
UST 1846-2
(MAP 5)



SPORTENVDETCHASN
1899 North Hobson Ave.
North Charleston, SC 29405-2106
Ph. (803) 743-6777

Site Map 1
USTs 1846-1 and 1846-2
NAS Cecil Field
Jacksonville, FL

DWG DATE: 15 MAY 97 | DWG NAME: CF1846_1



UTILITY BLDG

DRAINAGE DITCH

VENT

GRASS

FORMER UST 1846-1

FILL

MANWAY

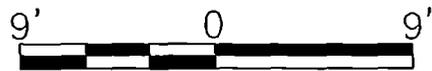
SECOND STREET

ASPHALT DRIVE

GRASS



BLDG 1846



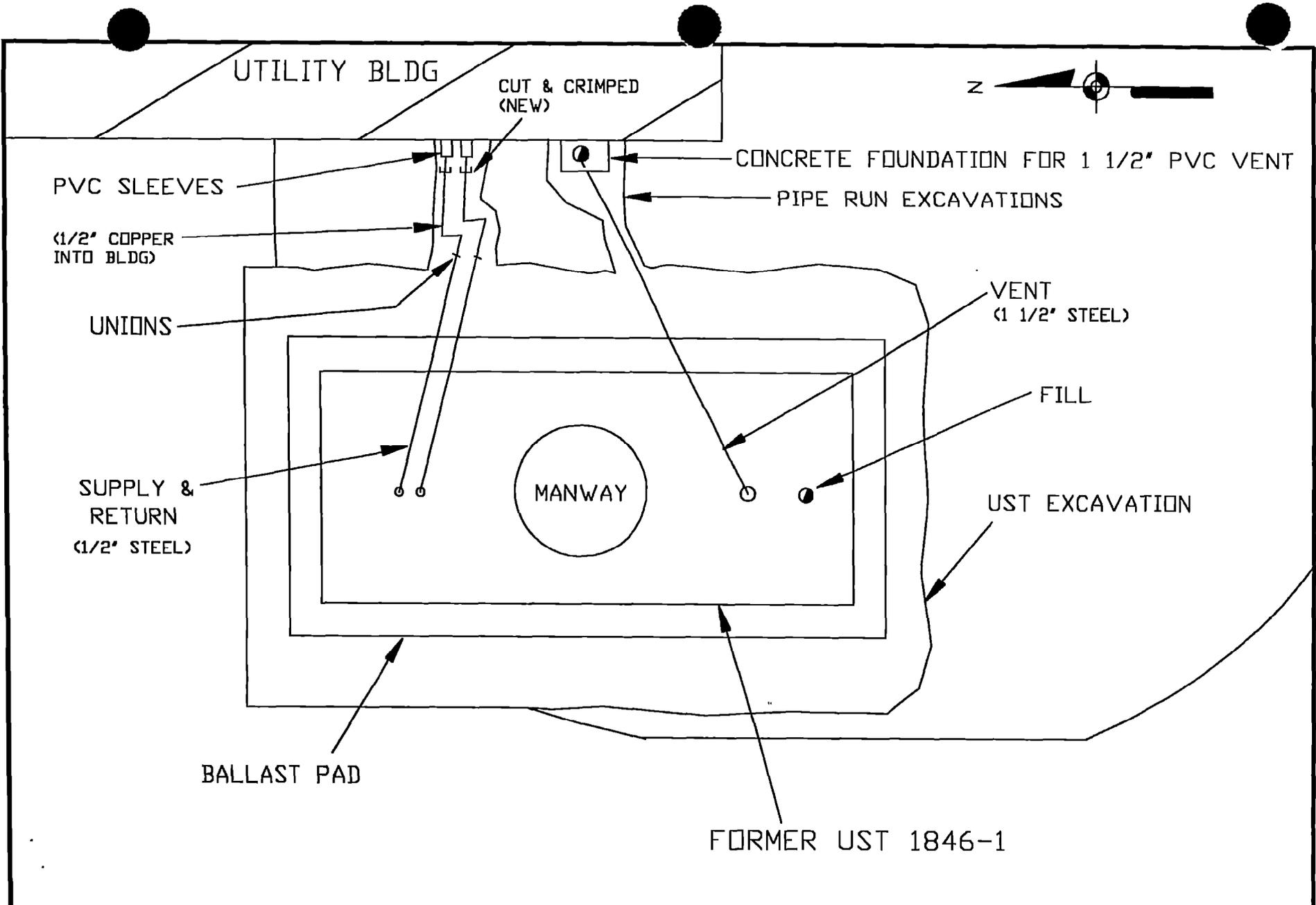
GRAPHIC SCALE

SPORTENVDETCHASN
 1899 North Hobson Ave.
 North Charleston, SC
 29405-2106
 Ph. (803) 743-6777

Site Map 2
 UST 1846_1
 NAS Cecil Field
 Jacksonville, FL

DWG DATE: 24 MAY 97

DWG NAME: CF1846_2

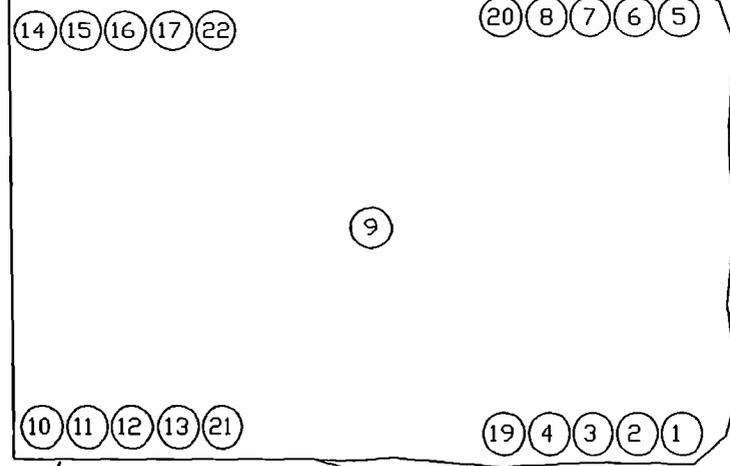


SPORTENVDETCHASN
 1899 North Hobson Ave.
 North Charleston, SC
 29405-2108
 Ph. (803) 743-8777

Site Map 3
 UST 1846_1
 NAS Cecil Field
 Jacksonville, FL

DWG DATE: 24 MAY 97 | DWG NAME: CF1846_3

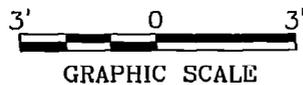
UTILITY BLDG



FORMER UST 1846-1 EXCAVATION

LEGEND

⑨ - SOIL SAMPLE (SS-#)



SS #	TIME	DEPTH	READING(ppm)
SS-1	^{4/19/97} 1900	1'	0.0
SS-2	1901	3'	0.0
SS-3	1902	5'	0.0
SS-4	1903	7'	0.0
SS-5	1904	1'	0.0
SS-6	1905	3'	0.0
SS-7	1906	5'	0.0
SS-8	1907	7'	0.0
SS-9	1908	9'	0.0
SS-10	1912	1'	0.0
SS-11	1913	3'	0.0
SS-12	1914	5'	0.0
SS-13	1915	7'	0.0
SS-14	1918	1'	0.0
SS-15	1919	3'	0.0
SS-16	1920	5'	0.0
SS-17	1921	7'	0.0
SS-18	1915	4'	11.0
SS-19	1909	9'	0.0
SS-20	1910	9'	0.0
SS-21	1916	9'	0.0
SS-22	1922	9'	0.0

SPORTENVDETHASAN
1899 North Hobson Ave.
North Charleston, SC
29405-2106
Ph. (803) 743-6777

Site Map 4
UST CF1846_1
NAS Cecil Field
Jacksonville, FL

DWG DATE: 27 MAY 97

DWG NAME: CF1846_4

BLDG 1846



PIPE RUN EXCAVATION

O/W SEP VENT

UST VENT, REMOVED

O/W SEP VENT

2" PVC LINE

REDUCING TEE, CAPPED

FORMER UST 1846-2
(WASTE OIL HOLDING TANK)

DRAIN FROM O/W SEP.
(CUT AND CAPPED @ SEPARATOR)

PUMP OUT

OIL/WATER
SEPARATOR

UST EXCAVATION

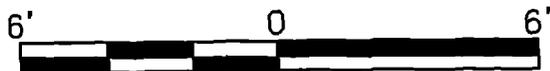
GRASS

ASPHALT PARKING AREA

ASPHALT PARKING AREA

NOTE:

All excavated soil was used as backfill. Additional fill dirt was provided by Powerline Sand Inc, 8442 W. Beaver St, Jacksonville, Florida 32220



GRAPHIC SCALE

SPORTENVDECHASN
1899 North Hobson Ave.
North Charleston, SC
29405-2108
Ph. (803) 743-8777

Site Map 5
UST 1846-2
NAS Cecil Field
Jacksonville, FL

DWG DATE: 27 MAY 97 | DWG NAME: CF1846_5

USTs 1846-1 and 1846-2 at NAS Cecil Field



Photo 1: UST 1846-1 after removal from the excavation

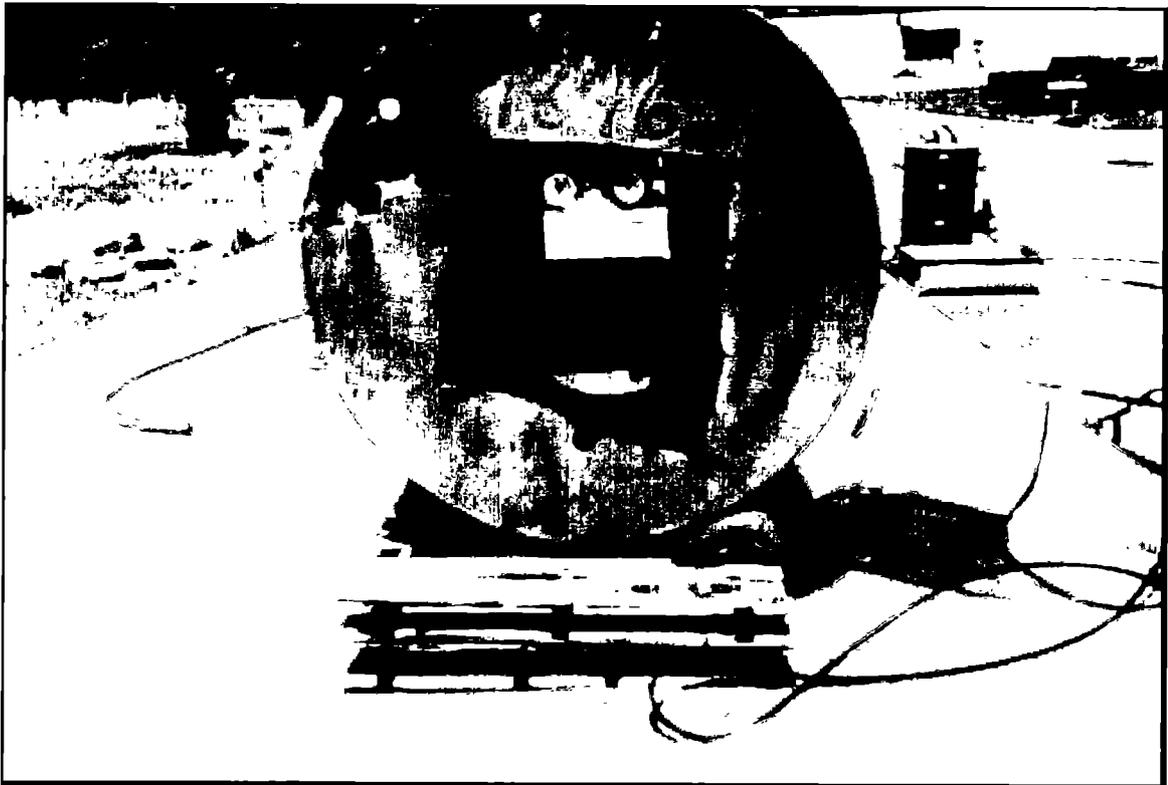


Photo 2: UST 1846-1 during cutting and cleaning.

USTs 1846-1 and 1846-2 at NAS Cecil Field



Photo 3: UST 1846-2 after removal from excavation.



Photo 4: UST 1846-2 after cutting and cleaning.

Attachment III

Certificate of Disposal (tanks)
Disposal Manifest (fuel oil)

UST Certificate of Disposal

CONTRACTOR

Supervisor of Shipbuilding, Conversion and Repair, USN
Portsmouth, VA
Environmental Detachment Charleston
1899 North Hobson Avenue
North Charleston 29405-2106

Telephone (803) 743-6482

TANK ID & LOCATION

UST 1846-1; Building 1846, "A" Avenue, NAS Cecil Field, Jacksonville, FL 32215-0101

DISPOSAL LOCATION

NAS Cecil Field
Recycling Center, Building 805
Jacksonville, FL, 32215-0101

TYPE OF TANK

Fuel oil

SIZE (GAL)

2,000 gal.

CLEANING/DISPOSAL METHOD

The tank was cut open on both ends, cleaned with a steam cleaner, cut into sections, and disposed of as recyclable scrap metal.

DISPOSAL CERTIFICATION

I certify that the above tank has been properly cleaned and disposed of as recyclable scrap metal.

T. L. McElwee

T. L. McElwee

1 6/5/97

(Date)

UST Certificate of Disposal

CONTRACTOR

Supervisor of Shipbuilding, Conversion and Repair, USN
Portsmouth, VA
Environmental Detachment Charleston
1899 North Hobson Avenue
North Charleston 29405-2106

Telephone (803) 743-6482

TANK ID & LOCATION

UST 1846-2; Building 1846, "A" Avenue, NAS Cecil Field, Jacksonville, FL 32215-0101

DISPOSAL LOCATION

NAS Cecil Field
Recycling Center, Building 805
Jacksonville, FL, 32215-0101

TYPE OF TANK

Waste oil

SIZE (GAL)

200 gal.

CLEANING/DISPOSAL METHOD

The tank was cut open on both ends, cleaned with a steam cleaner, cut into sections, and disposed of as recyclable scrap metal.

DISPOSAL CERTIFICATION

I certify that the above tank has been properly cleaned and disposed of as recyclable scrap metal.



T. L. McElwee

1 6/5/97

(Date)



Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL 5170022474

Manifest Document No.

2. Page 1 of 1

4-11-97

Generator's Name and Mailing Address: NAVAL AIR STATION: CECIL FIELD, SCE, Encl 2 NO 4943 JACKSONVILLE, FLA 32215-0106

4. Generator's Phone (904) 778-5620

5. Transporter 1 Company Name: GEORGIA PETROLEUM 6. US EPA ID Number: GA0581222433

Credit

7. Transporter 2 Company Name 8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address: Georgia Petroleum, Inc. 1612 James P. Rogers Circle Valdosta, Georgia 31601 10. US EPA ID Number: GA0981222433

A. Transporter's Phone: 912-244-9110

B. Transporter's Phone

C. Facility's Phone: 912-244-9110

Table with 4 columns: 11. Waste Shipping Name and Description, 12. Containers (No., Type), 13. Total Quantity, 14. Unit Wt/Vol. Rows include: a. NON HAZ DIRTY DIESEL (1 APPROX 1500 GAL), b. NON HAZ (Liquids) (OFF SPEC DIESEL) NOS. OIL (AIA 1993) (7510)

Additional Descriptions for Materials Listed Above: API 34.3 VIS 32 ECW (190) CHLOR 450

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-8601 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: URSULA KLIMAS Signature: Ursula Klimas Month Day Year: 10/4/97

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Freddy Norris Signature: Freddy Norris Month Day Year: 10/4/97

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Month Day Year:

19. Discrepancy Indication Space

Compt # (1) 1250 gal 125 gal. free water plus 6% water in 1 layer Compt (2) (3) (4) 50.00 gal less 1% water

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Gene Goltz Signature: Gene Goltz Month Day Year: 04/15/97

TRANSPORTER #1