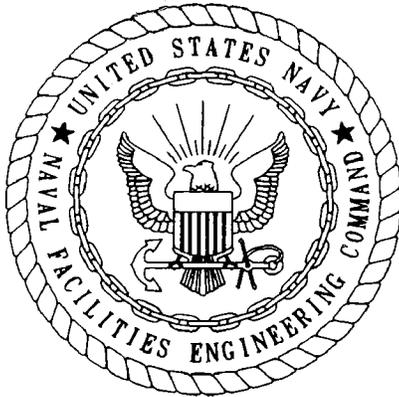


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TANK CLOSURE ASSESSMENT REPORT FOR BUILDING 131 MAIN BASE NTC ORLANDO
FL
9/1/1995
ABB ENVIRONMENTAL

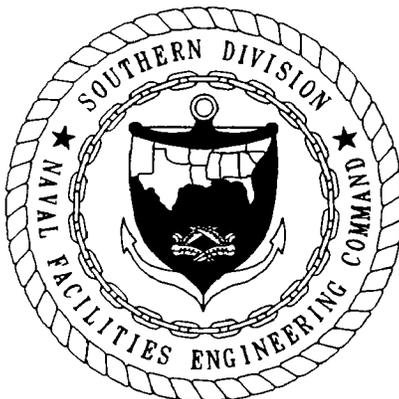


**TANK CLOSURE ASSESSMENT REPORT
BUILDING NO. 131
MAIN BASE**

**NAVAL TRAINING CENTER
ORLANDO, FLORIDA**

**UNIT IDENTIFICATION CODE: N65928
CONTRACT NO. N62467-89-D-0317/107**

SEPTEMBER 1995



**SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORTH CHARLESTON, SOUTH CAROLINA
29419-9010**

**TANK CLOSURE ASSESSMENT REPORT
BUILDING NO. 131
MAIN BASE**

**NAVAL TRAINING CENTER
ORLANDO, FLORIDA**

Unit Identification Code: N65928

Contract No. N62467-89-D-0317/107

Prepared by:

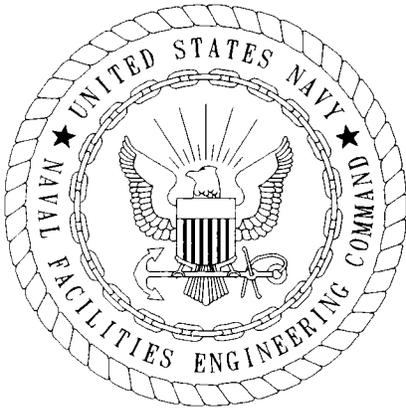
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2590 Executive Center Circle, East
Tallahassee, Florida 32301**

Prepared for:

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

Nick Ugolini, Code 1843, Engineer-in-Charge

September 1995



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-0317/107 are complete and accurate and comply with all requirements of this contract.

DATE: September 7, 1995

NAME AND TITLE OF CERTIFYING OFFICIAL: John Kaiser
Task Order Manager

NAME AND TITLE OF CERTIFYING OFFICIAL: Manuel Alonso, P.G.
Project Technical Lead

TABLE OF CONTENTS

Tank Closure Assessment Report
Building No. 131
Naval Training Center
Orlando, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	Facility	1
2.0	Operator	1
3.0	Site Location	1
4.0	Date of Initial Assessment	1
5.0	Tank Status	1
6.0	Tank Content	1
7.0	Tank Condition	1
8.0	Tank Area	1
9.0	Soil Screening	1
10.0	Groundwater Analysis	2
11.0	Conclusions	2
12.0	Recommendations	2
13.0	Closure Assessment	2
14.0	Project Manager	2
15.0	Project Number	2
16.0	Report Date	2

REFERENCES

Attachment A: Photographs

LIST OF FIGURES

Tank Closure Assessment Report
Building No. 131
Naval Training Center
Orlando, Florida

<u>Figure</u>	<u>Title</u>	<u>Page No.</u>
1	Site Vicinity Map	4
2	Site Plan Map	5

LIST OF TABLE

<u>Table</u>	<u>Title</u>	<u>Page No.</u>
1	Summary of Organic Vapor Analyses	3

GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
AST	aboveground storage tank
bls	below land surface
CompQAP	Comprehensive Quality Assurance Plan
FAC	Florida Administrative Code
FID	flame ionization detector
OVA	organic vapor analyzer
ppm	parts per million

TANK CLOSURE ASSESSMENT REPORT
Building 131

1.0 Facility

- Building No. 131
- Naval Training Center, Orlando
- Orlando, Orange County, Florida

2.0 Operator

Naval Training Center
3150 Grace Hopper Avenue
Suite D010E
Orlando, Florida 32813-8405

3.0 Site Location

See Figure 1.

4.0 Date of Initial Assessment

June 15, 1995

5.0 Tank Status

A 300-gallon aboveground storage tank (AST) is used to store fuel for steam cleaners. The tank is scheduled to be removed by Bechtel Environmental, Inc., in 1998.

6.0 Tank Content

The AST contained diesel fuel used for steam cleaners.

7.0 Tank Condition

A photo of the existing tank is shown in Attachment A.

8.0 Tank Area

The tank area is approximately 4 feet by 6 feet (Figure 2).

9.0 Soil Screening

- Screening of the soil samples was performed from one soil boring extracted from the location most visibly contaminated. Screening of the soil samples was also performed by visual inspection of the soil and by an organic vapor analyzer (OVA).

- The soil screening was conducted following criteria for headspace method in Chapter 62-770, Florida Administrative Code (FAC), and ABB Environmental Services, Inc.'s (ABB-ES's) Comprehensive Quality Assurance Plan (CompQAP).
- The OVA data have been summarized in Table 1. Figure 2 shows the location where the soil samples were collected.

10.0 Groundwater Analysis

Petroleum-impacted soil was identified at the surface near the AST; therefore, groundwater sampling is required.

11.0 Conclusions

ABB-ES has screened the soil from the former tank area where the AST was located. Petroleum-impacted soil has been found only at the surface in the form of surface staining in the concrete pad. The soil-boring data and soil samples reveal that contamination does not extend below the surface.

12.0 Recommendations

ABB-ES recommends that during tank removal, Bechtel Environmental, Inc., removes the surface-impacted concrete and soil. After petroleum-impacted soil is removed, a groundwater sample will be collected prior to issuing a final tank closure report.

13.0 Closure Assessment

Closure assessment was performed by ABB-ES.

14.0 Project Manager

John Kaiser

15.0 Project Number

08519

16.0 Report Date

September 7, 1995

Table 1
Summary of Organic Vapor Analyses, June 13, 1995

Tank Closure Assessment Report
 Building No. 131
 Naval Training Center
 Orlando, Florida

Hand Auger Sample No.	Depth (feet)	Unfiltered (ppm)	Filtered (ppm)	Total Hydrocarbons (ppm)	Soil Profile and Comments
SS-1	1-3	<1	<1	<1	Well-graded, white fine sand; no odor
SS-2	3-5	<1	<1	<1	Well-graded, white fine sand with dark deposits; no odor
Water table found at 5 feet bls					
Notes: Readings for unfiltered samples are total hydrocarbon readings including methane; readings for filtered samples are methane only. ppm = parts per million. <1 = nondetectable limit for PortaFID II™ (flame ionization detector). bls = below land surface.					

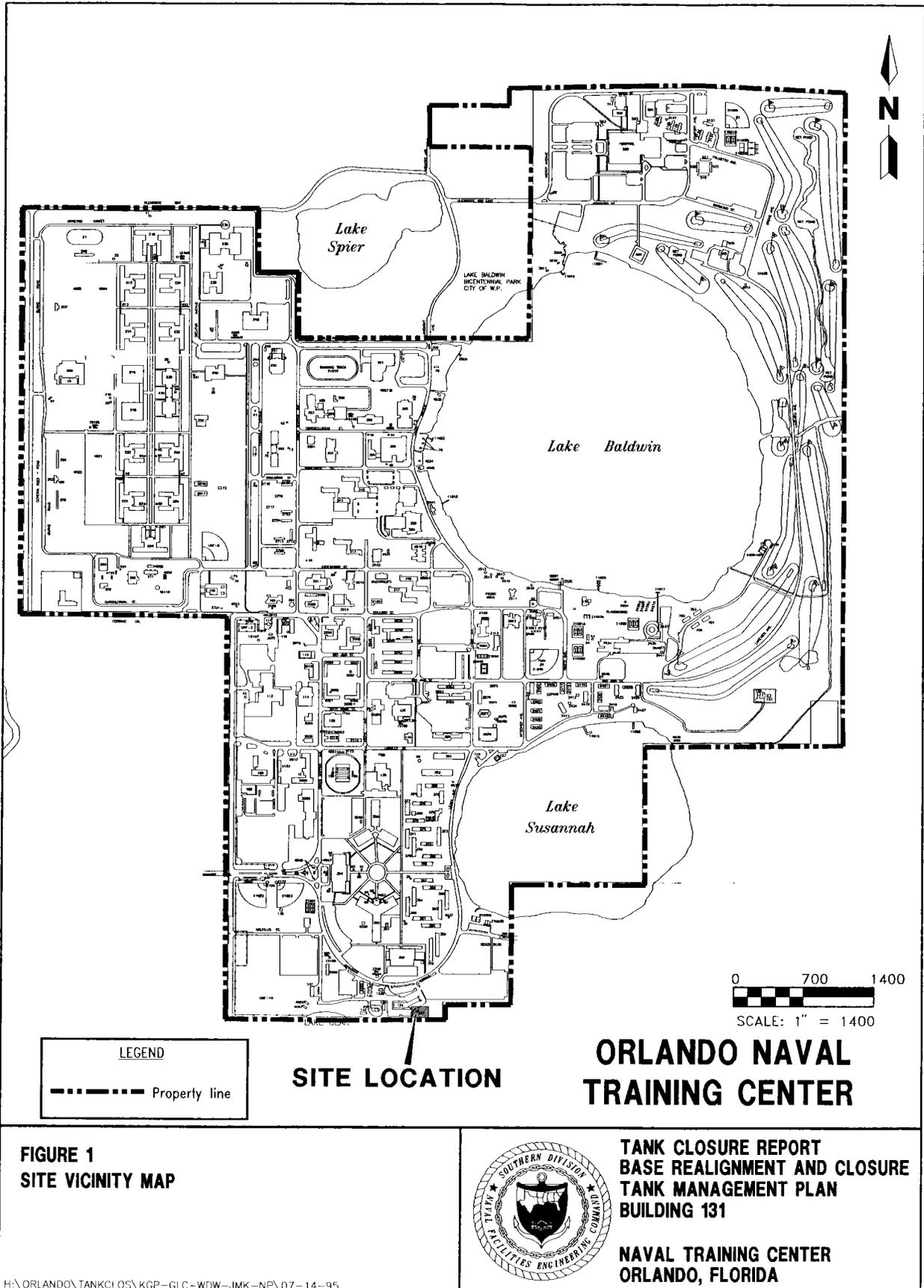
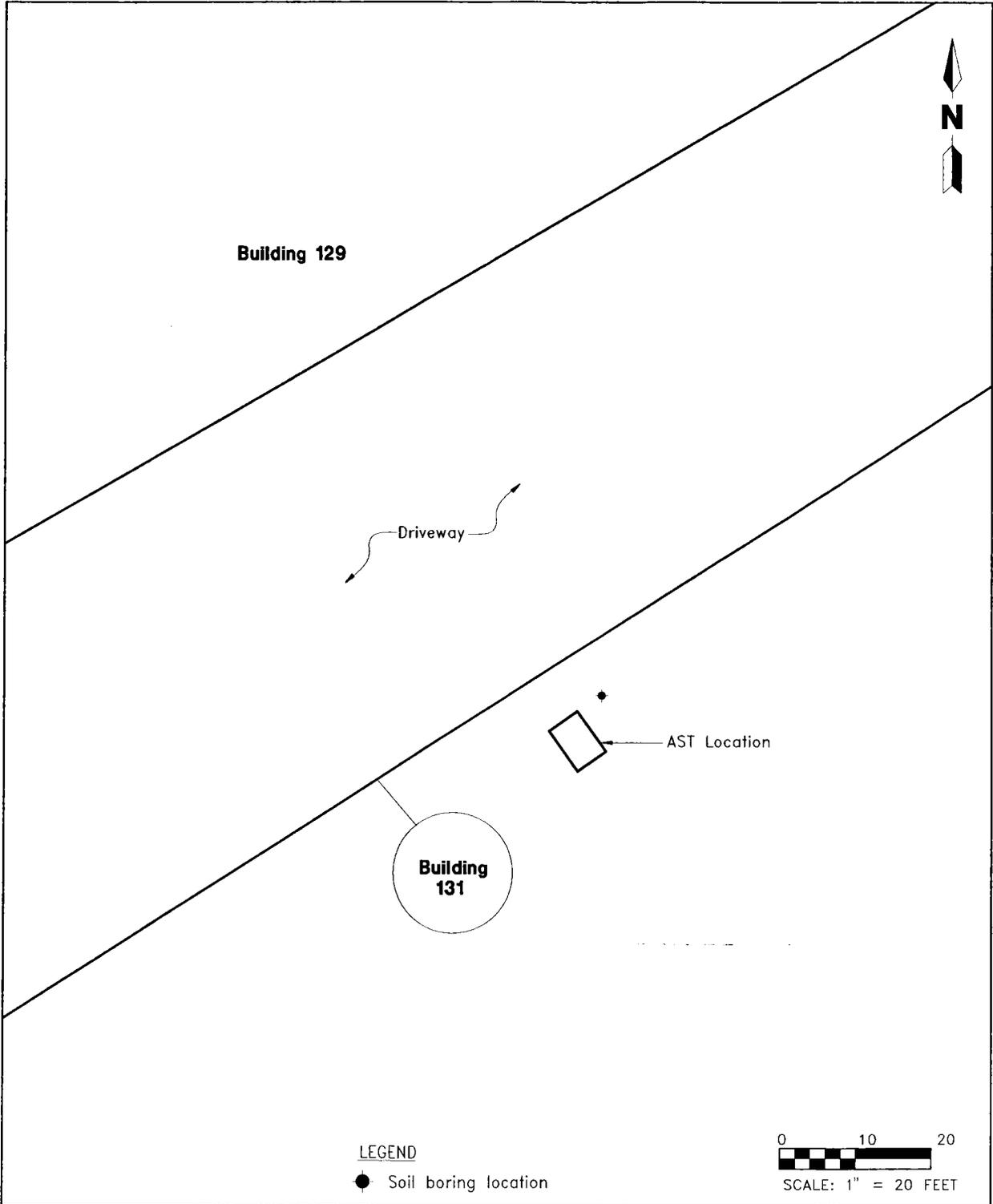


FIGURE 1
SITE VICINITY MAP



TANK CLOSURE REPORT
BASE REALIGNMENT AND CLOSURE
TANK MANAGEMENT PLAN
BUILDING 131

NAVAL TRAINING CENTER
ORLANDO, FLORIDA



**FIGURE 2
SITE PLAN**



**TANK CLOSURE REPORT
BASE REALIGNMENT AND CLOSURE
TANK MANAGEMENT PLAN
BUILDING 131**

**NAVAL TRAINING CENTER
ORLANDO, FLORIDA**

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ATTACHMENT A
PHOTOGRAPHS



Photograph 1: View of AST site, Building No. 131, facing southeast. Red flag indicates soil boring location.



Photograph 2: Closeup view of AST site, Building No. 131, facing southeast. Red flag indicates soil boring location.