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NAS CECIL FIELD, FL  
5090.3a

CONFIRMATORY SAMPLING REPORT FOR BUILDING 370 TANK 370G BASE  
REALIGNMENT AND CLOSURE UNDERGROUND STORAGE TANK AND ABOVEGROUND  
STORAGE TANK GREY SITES NAS CECIL FIELD FL  
11/1/1997  
ABB ENVIRONMENTAL SERVICES INC

**CONFIRMATORY SAMPLING REPORT**  
**BUILDING 370, TANK 370G**  
**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-0317/131**

**Prepared by:**

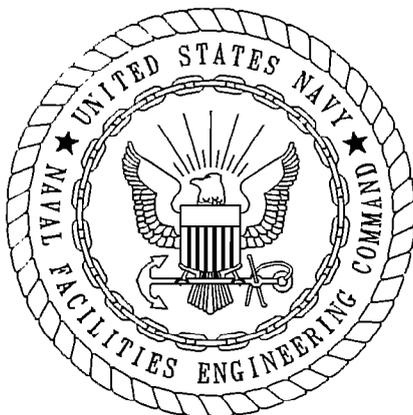
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**Prepared for:**

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**November 1997**



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-0317/131 are complete and accurate and comply with all requirements of this contract.

DATE: December 2, 1997

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(DFAR 252.227-7036)

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## GLOSSARY

ABB-ES      ABB Environmental Services, Inc.  
AST          aboveground storage tank

OVA          organic vapor analyzer

## 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 370G 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 370G is an aboveground storage tank (AST) located north of Building 370, the golf course maintenance shop and Building 238, which is the golf course maintenance building (ABB-ES, 1994) (Figure 1). The AST, which has an unknown installation date, has a 250-gallon capacity and is used to store gasoline (ABB-ES, 1994). A Contamination Assessment Plan for the assessment of soil at Tank 370G was prepared by ABB-ES in November 1996 (ABB-ES, 1996).

## 2.0 FIELD INVESTIGATION

The confirmatory sampling at Tank 370G was initiated in January 1997 and included the advancement of four 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).

Groundwater was not investigated because the tank is an AST where no soil contamination was visually observed or detected.

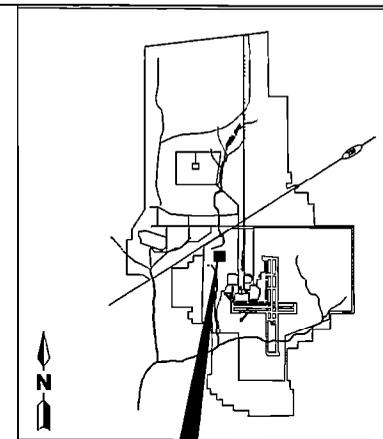
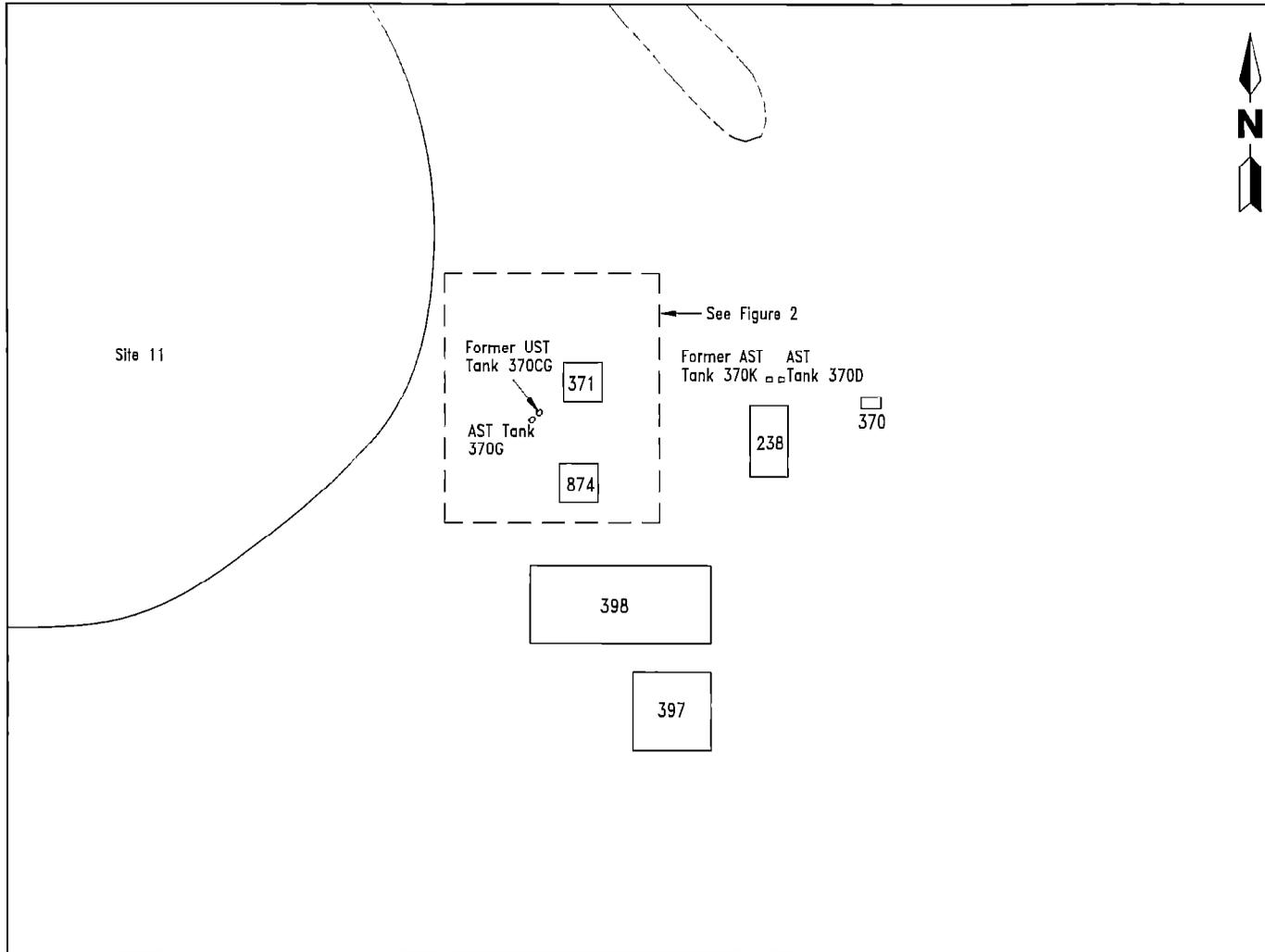
A general site plan indicating the location of the soil borings is presented as Figure 2.

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

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

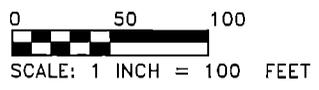
Data obtained during the confirmatory sampling at the Tank 370G site does not indicate the presence of contaminated soil. Therefore, no further action is recommended for the Tank 370G site until proper tank removal and closure are performed.



**SITE LOCATION**

**LEGEND**

AST	Aboveground storage tank
UST	Underground storage tank
-----	Tributary

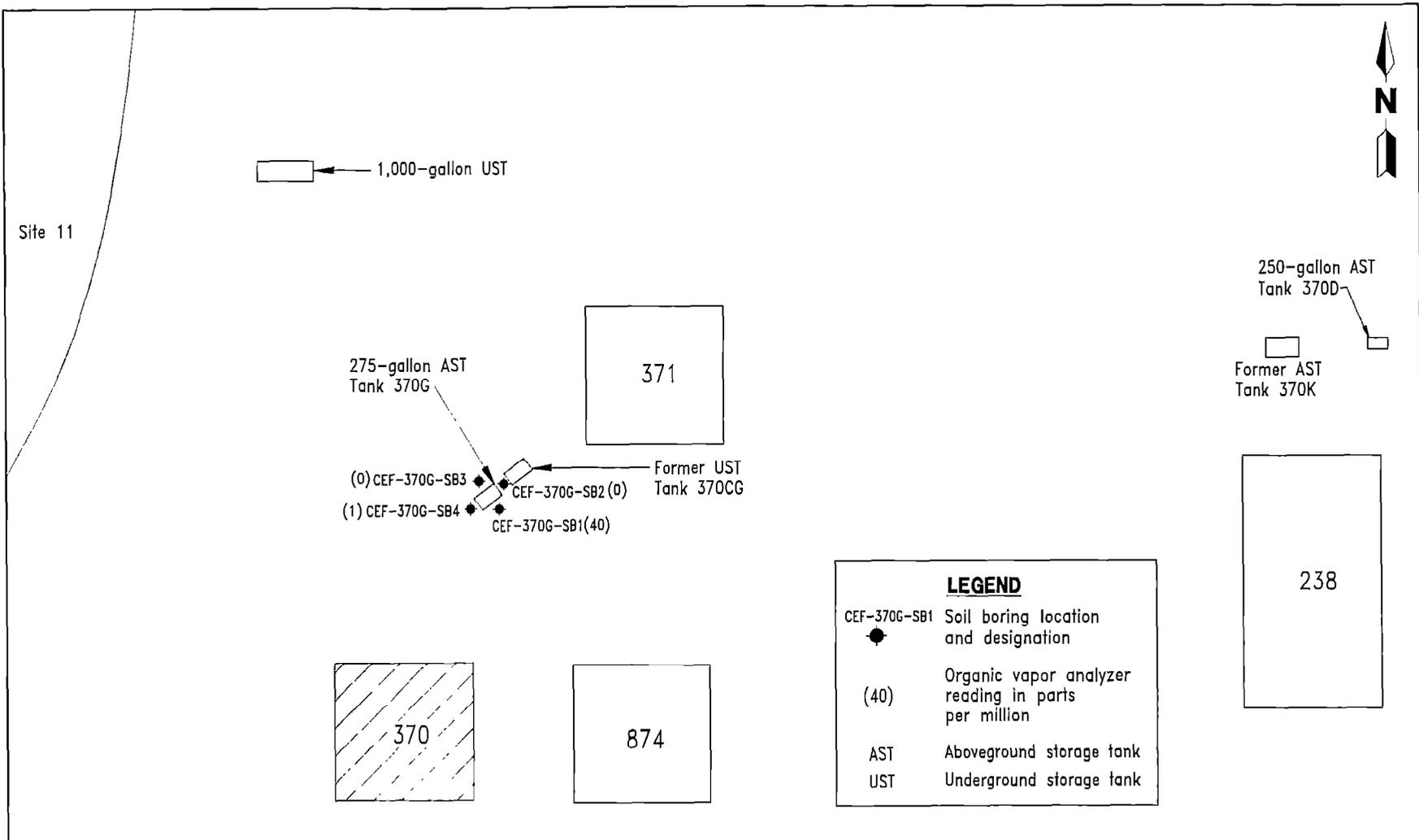


**FIGURE 1  
TANK 370G  
MAINTENANCE SHOP FOR  
GOLF COURSE GROUNDS**



**CONFIRMATORY SAMPLING REPORT  
BUILDING 370, TANK 370G**

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



**LEGEND**

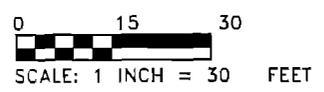
CEF-370G-SB1 Soil boring location and designation

●

(40) Organic vapor analyzer reading in parts per million

AST Aboveground storage tank

UST Underground storage tank



**FIGURE 2  
TANK 370G  
SOIL BORING LOCATIONS**



**CONFIRMATORY SAMPLING REPORT  
BUILDING 370, TANK 370G**

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

**Table 1  
Soil Screening Results**

Confirmatory Sampling Report  
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Jacksonville, Florida

Location	OVA Concentration (ppm)			
	Depth (feet bls)	Unfiltered	Filtered	Actual
CEF-370G-SB1	1	0	-	0
	3 (moist)	40	0	40
CEF-370G-SB2	1	0	-	0
	3	0	-	0
CEF-370G-SB3	1	0	-	0
	3	0	-	0
CEF-370G-SB4	1	1	0	1
	3 (wet)	0	-	0

Notes: All soil samples were collected on January 20, 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.  
moist = soil sample was partially saturated when analyzed.  
wet = soil sample was completely saturated when analyzed.

## REFERENCES

- ABB Environmental Services, Inc. (ABB-ES). 1994. *Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station Cecil Field, Jacksonville, Florida*. 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).