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NAS CECIL FIELD, FL
5090.3a

CONFIRMATORY SAMPLING REPORT FOR BUILDING 288A TANK 288A BASE
REALIGNMENT AND CLOSURE UNDERGROUND STORAGE TANK AND ABOVEGROUND
STORAGE TANK GREY SITES NAS CECIL FIELD FL
5/1/1998
ABB ENVIRONMENTAL SERVICES INC

CONFIRMATORY SAMPLING REPORT
BUILDING 288A, TANK 288A
BASE REALIGNMENT AND CLOSURE
UNDERGROUND STORAGE TANK AND
ABOVEGROUND STORAGE TANK GREY SITES

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

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May 1998



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: May 5, 1998

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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 288A 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 288A was a 250-gallon aboveground storage tank (AST) located on a concrete slab on the south side of Building 288, which is used as a storage facility by the Emergency Management Department (ABB-ES, 1994) (Figure 1). The tank was used to store diesel fuel for a standby generator. Its removal date is unknown.

A Contamination Assessment Plan for the assessment of soil at Tank 288A was prepared by ABB-ES in November 1996 (ABB-ES, 1996).

2.0 FIELD INVESTIGATION

The confirmatory sampling at the Tank 288A site was initiated in June 1997 and included the advancement of three 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 on a concrete slab and no soil contamination was visually observed or detected.

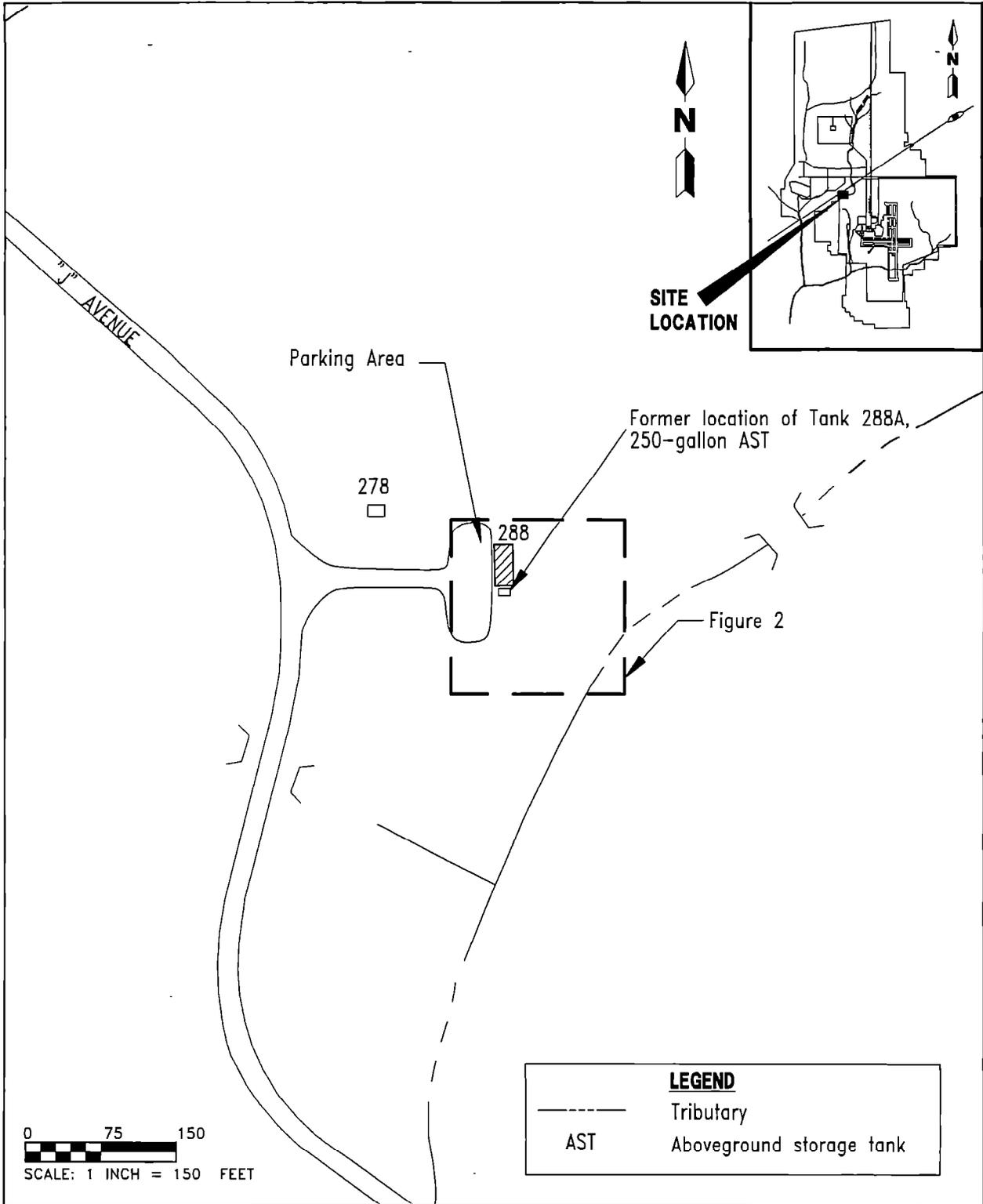
A general site plan indicating the location of the soil borings is presented on Figure 2.

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 288A site do not indicate the presence of contaminated soil. Therefore, no further action is recommended for the Tank 288A site.



**FIGURE 1
TANK 288A
STANDBY GENERATOR BUILDING**

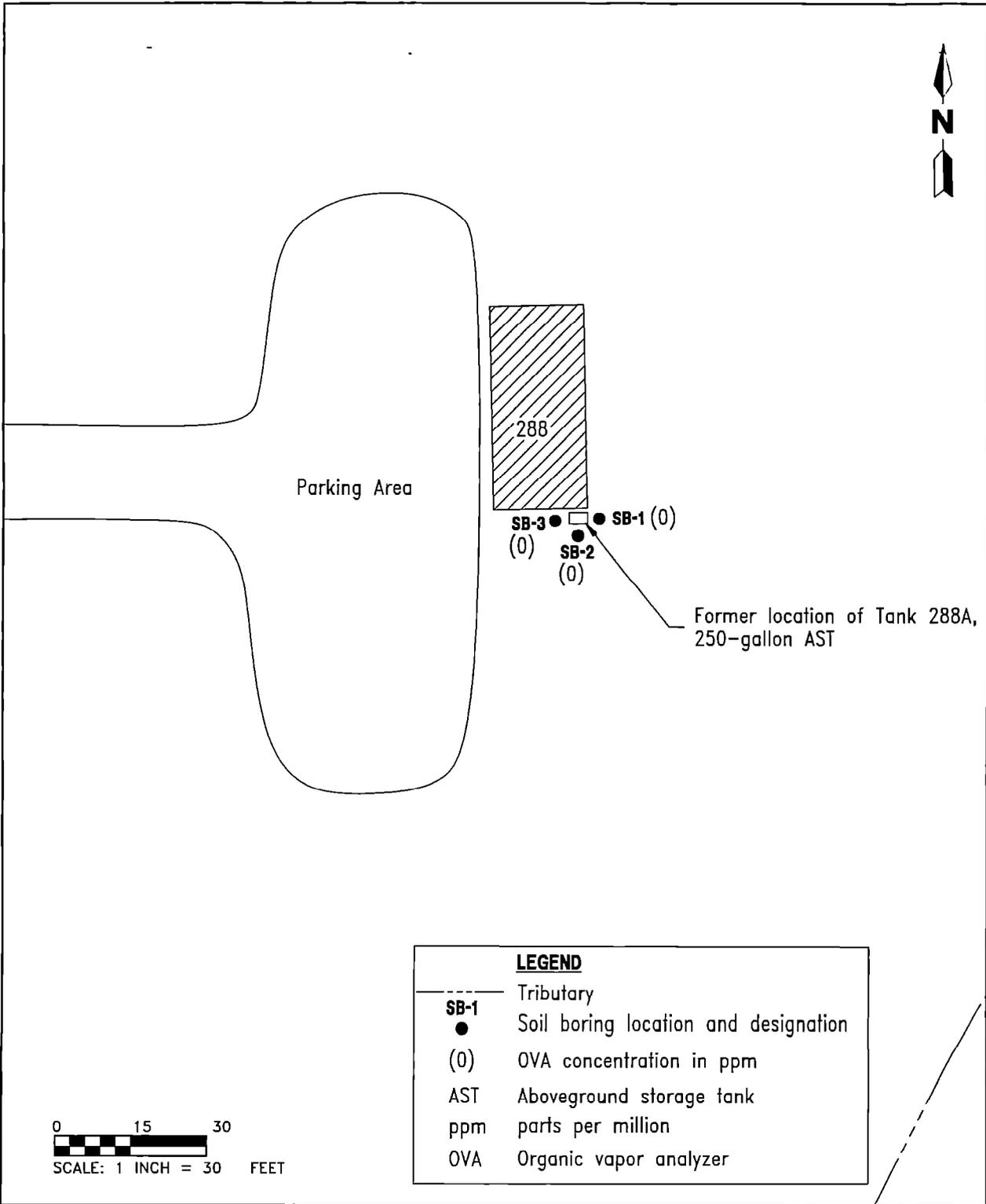
LEGEND	
-----	Tributary
AST	Aboveground storage tank

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**CONFIRMATORY SAMPLING REPORT
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**FIGURE 2
TANK 288A
SOIL BORING LOCATIONS**



**CONFIRMATORY SAMPLING REPORT
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**Table 1
Soil Screening Results**

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Location	OVA Concentration (ppm)			
	Depth (feet bls)	Unfiltered	Filtered	Actual
SB-1	1	0	-	0
	3	0	-	0
	4.5 (wet)	0	-	0
SB-2	1	0	-	0
	3	0	-	0
	4.5 (wet)	0	-	0
SB-3	1	0	-	0
	3	0	-	0
	4 (refusal)	NC	-	NC

Notes: All soil samples were collected on June 26, 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.
NC = sample not collected.

REFERENCES

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 (SOUTHNAVFACENGCOC), North Charleston, South Carolina (November).

ABB Environmental Services, Inc. (ABB-ES). 1996. *Contamination Assessment Plan, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOC, North Charleston, South Carolina (November).