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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 502 BASE REALIGNMENT AND
CLOSURE ZONE H AVIATION ORDNANCE AREA GROUP 7 NAS CECIL FIELD FL
3/1/1996
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE
BUILDING 502
BASE REALIGNMENT AND CLOSURE
ZONE H, AVIATION ORDNANCE AREA
GROUP VII**

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

Unit Identification No. N60200

Contract No. N62467-89-D-0317/090

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March 1996

TABLE OF CONTENTS

Sampling and Analysis Outline
Building 502
Base Realignment and Closure
Zone H, Aviation Ordnance Area Group VII
Naval Air Station Cecil Field
Jacksonville, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	SITE DESCRIPTION	1
2.0	ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION	1
3.0	RECOMMENDATIONS	1
4.0	SELECTED REFERENCES	3

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page No.</u>
1	Building 502 Ordnance Administration and Armory Building	2

GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
BCT	BRAC cleanup team
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Survey
NAS	Naval Air Station

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline briefly describes and proposes a plan for assessment of Building 502 at Naval Air Station (NAS) Cecil Field. Building 502 is located at the south end of the entrance road to the Aviation Ordnance Area. The facility is referred to as the Ordnance Administration and Armory Building in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 502 was color-coded Grey in the EBS Report because a 1,000-gallon fuel oil underground storage tank is located on the property. A septic system was also identified on the north side of Building 502. The BRAC cleanup team (BCT) regards septic tank and leachfield systems as potential pathways for contaminants to enter the groundwater, if improperly used. Three pole-mounted transformers are located near the west side of the building. The NAS Cecil Field Oil-Filled Electrical Distribution Inventory List documents the polychlorinated biphenyl content of these transformers is less than 50 part per million. No other concerns were identified in the EBS Report or during subsequent site walkovers.

3.0 RECOMMENDATIONS

A Phase II Sampling and Analysis program is recommended to assess whether or not groundwater has been affected by releases from the septic system.

One groundwater monitoring well will be installed downgradient of the septic system. A groundwater sample will be collected and analyzed to evaluate whether or not groundwater has been affected by releases from the septic system. The proposed sampling location is shown on Figure 1.

The recommended data quality objective for the Phase II Sampling and Analysis program is Level III, to meet the potential need for input to a preliminary risk evaluation, if required. Sample collection techniques, quality assurance objectives, quality control requirements, and sample handling and shipping procedures are outlined in the BRAC Project Operations Plan (ABB-ES, 1994b). Analysis for the full Contract Laboratory program suite of target compound list organics and target analyte list inorganics is recommended.

Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 502. The project team will seek concurrence from the BCT before submitting a final Site Summary report.

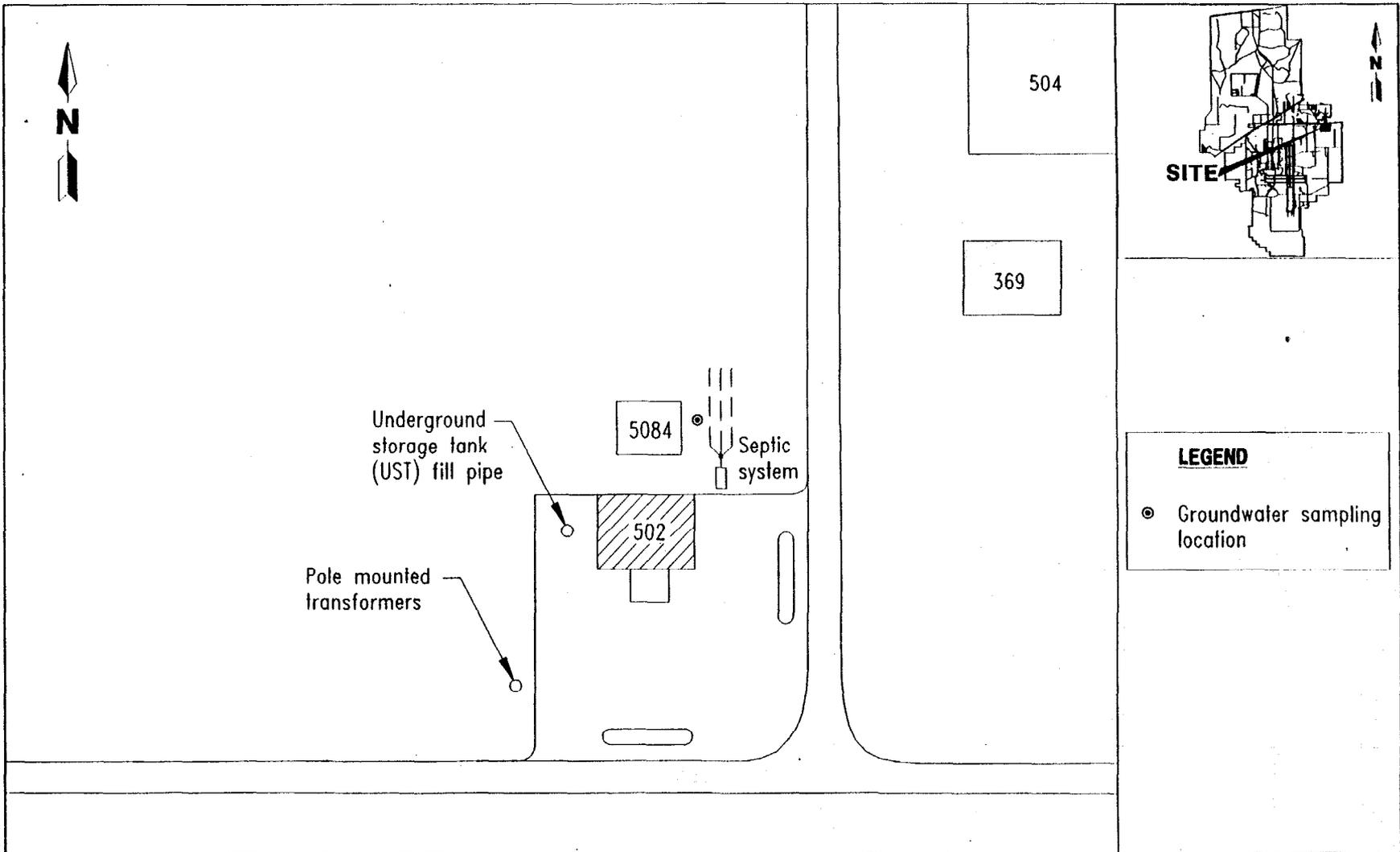


FIGURE 1
BUILDING 502
ORDNANCE ADMINISTRATION
ARMORY BUILDING



GROUP VII SAMPLING AND
ANALYSIS OUTLINE

NAS CECIL FIELD
JACKSONVILLE, FLORIDA

4.0 SELECTED REFERENCES

ABB Environmental Services, Inc. (ABB-ES), 1994a, Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station (NAS) Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENCOM), November.

ABB-ES, 1994b, Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for SOUTHNAVFACENCOM, December.

ABB-ES, in press, Base Realignment and Closure Tank Management Plan for NAS Cecil Field, Jacksonville, Florida: prepared for SOUTHNAVFACENCOM.