

N60200.AR.000905  
NAS CECIL FIELD, FL  
5090.3a

SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 504 BASE REALIGNMENT AND  
CLOSURE ZONE H AVIATION ORDNANCE AREA GROUP 8 NAS CECIL FIELD FL  
6/1/1996  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE**

**BUILDING 504**

**BASE REALIGNMENT AND CLOSURE**

**ZONE H, AVIATION ORDNANCE AREA  
GROUP VIII**

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

**Unit Identification No. N60200**

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

**Prepared by:**

**ABB Environmental Services, Inc.  
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 29419**

**Steve Wilson, Code 18B9, BRAC Environmental Coordinator**

**June 1996**

TABLE OF CONTENTS

Sampling and Analysis Outline  
Building 504  
Base Realignment and Closure  
Zone H, Aviation Ordnance Area, Group VIII  
Naval Air Station Cecil Field  
Jacksonville, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	INTRODUCTION . . . . .	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 504, Inert Storage . . . . .	2

GLOSSARY

ABB-ES            ABB Environmental Services, Inc.  
BCT                Base Realignment and Closure (BRAC) cleanup team  
EBS                environmental baseline survey

## 1.0 INTRODUCTION

This Base Realignment and Closure (BRAC) Program Phase II Sampling and Analysis Outline briefly describes and proposes a plan for assessment of Building 504 at Naval Air Station Cecil Field. Building 504 is located approximately 700 feet south of Perimeter Road on the eastern side of the entrance road to the Aviation Ordnance Area (Figure 1). The facility is referred to as Inert Storage in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994a).

## 2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

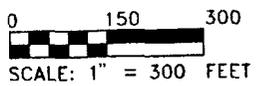
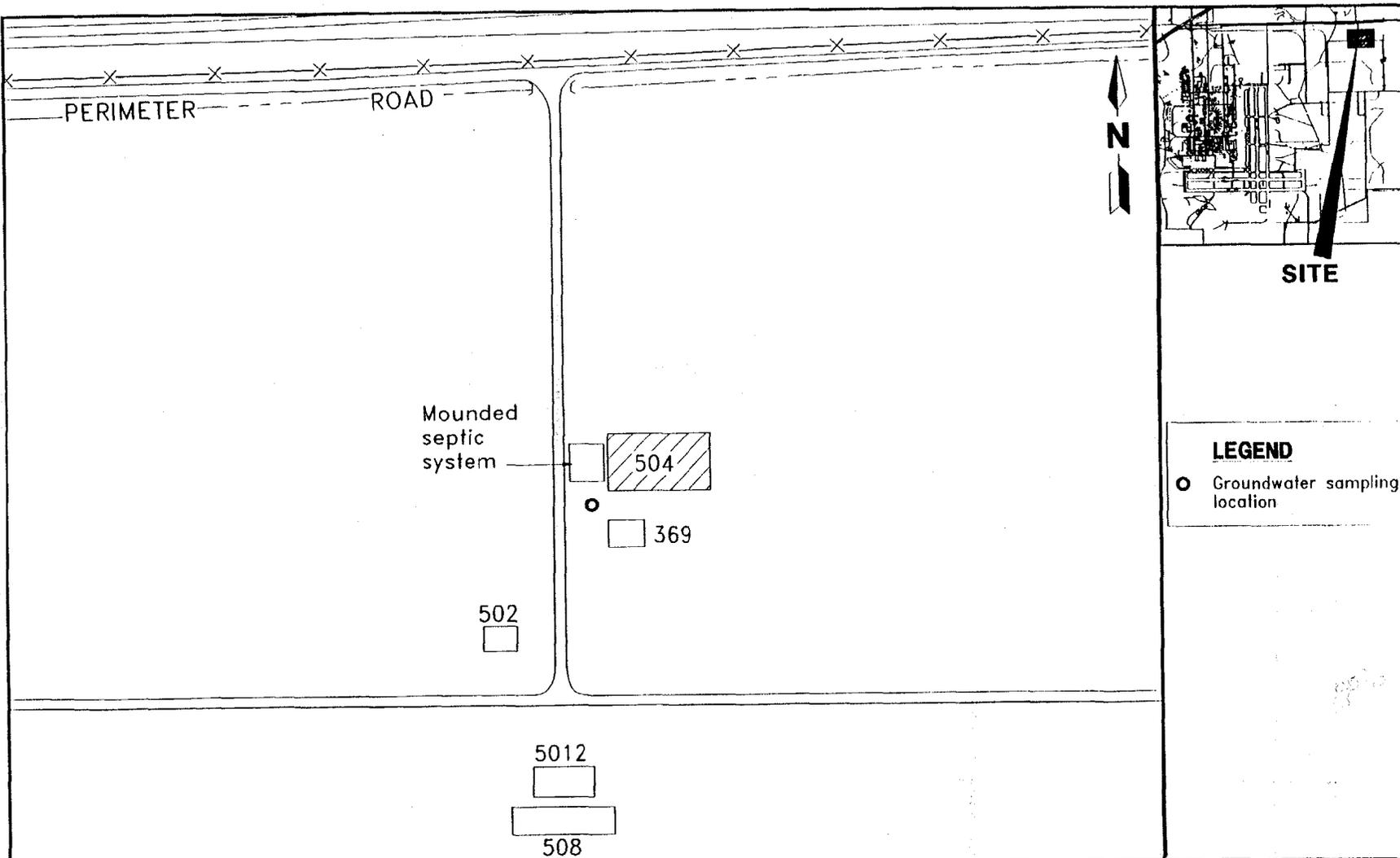
Building 504 was color-coded White in the EBS Report. However, a septic system was observed adjacent to Building 504 during a walkover reconnaissance by ABB-ES in August 1995. The BRAC Cleanup Team (BCT) regards septic tank and leachfield systems as potential pathways for contaminants to enter the groundwater, if improperly used. No other environmental concerns were noted.

## 3.0 RECOMMENDATIONS

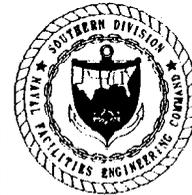
A Phase II Sampling and Analysis program is recommended to assess whether or not groundwater has been affected by releases from the septic system. Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 504. The project team will seek concurrence from the BCT before submitting a final Site Summary report.

The recommended data quality level 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.

A groundwater monitoring well will be installed downgradient of the septic system. One groundwater sample will be collected and analyzed to evaluate whether or not groundwater has been affected by releases from the septic system. The proposed sample location is shown on Figure 1. The color code for Building 504 should be reclassified, from White to Gray, until analytical data have been evaluated.



**FIGURE 1**  
**BUILDING 504**  
**INERT STORAGE**



**GROUP VIII SAMPLING AND  
ANALYSIS OUTLINE**

**NAVAL AIR STATION  
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, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, November 1994.

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