

N60200.AR.001049  
NAS CECIL FIELD, FL  
5090.3a

SAMPLING AND ANALYSIS REPORT FOR BUILDING 193 BASE REALIGNMENT AND  
CLOSURE ZONE G UNDEVELOPED SOUTHERN AREA GROUP 7 NAS CECIL FIELD FL  
7/1/1997  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS REPORT**  
**BUILDING 193**  
**BASE REALIGNMENT AND CLOSURE**  
**ZONE G, UNDEVELOPED SOUTHERN AREA**  
**GROUP VII**  
**NAVAL AIR STATION CECIL FIELD**  
**JACKSONVILLE, FLORIDA**

**Unit Identification Code: 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**

**David Porter, Code 18B9, BRAC Environmental Coordinator**

**July 1997**

TABLE OF CONTENTS

Sampling and Analysis Report  
Building 193  
Base Realignment and Closure  
Zone G, Undeveloped Southern Area Group VII  
NAS Cecil Field, Jacksonville, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	INTRODUCTION . . . . .	1
2.0	PHASE II INVESTIGATION . . . . .	1
3.0	ANALYTICAL DATA EVALUATION . . . . .	1
4.0	CONCLUSIONS AND RECOMMENDATIONS . . . . .	1
	REFERENCES . . . . .	3

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page No.</u>
1	Building 193, Standby Generator for Runway Lights, Sample Location Plan . . . . .	2

GLOSSARY

ABB-ES      ABB Environmental Services, Inc  
PCB          polychlorinated biphenyl  
SAO          sampling and analysis outline  
UST          underground storage tank

## 1.0 INTRODUCTION

ABB Environmental Services, Inc. (ABB-ES), under contract to the Southern Division, Naval Facilities Engineering Command, has completed the Phase II Sampling and Analysis program for Building 193, at Naval Air Station Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations of the Phase II investigation.

Building 193, the Standby Generator for Runway Lights, was constructed in 1981 and is located along the west side of Perimeter Road, approximately 1,000 feet east of the south end of Runway 36R. Potential environmental concerns identified at the facility include the presence of polychlorinated biphenyl (PCB)-contaminated electrical equipment and the presence of an underground diesel fuel storage tank. A Sampling and Analysis Outline (SAO) for the assessment of surface soil was prepared by ABB-ES and approved by the Base Realignment and Closure Cleanup team. The results of the Phase II Sampling and Analysis program developed in the SAO are discussed below.

## 2.0 PHASE II INVESTIGATION

The Phase II investigation included the collection and analysis of four surface soil samples for PCBs. The surface soil samples were collected from the area, including the stained soil documented in the Environmental Baseline Survey Report (ABB-ES, 1994a). The samples were analyzed onsite, using a D TECH PCB Soil Test Kit (Item #TK-1002-1) capable of detecting PCBs at concentrations of 0.5 parts per million, or greater.

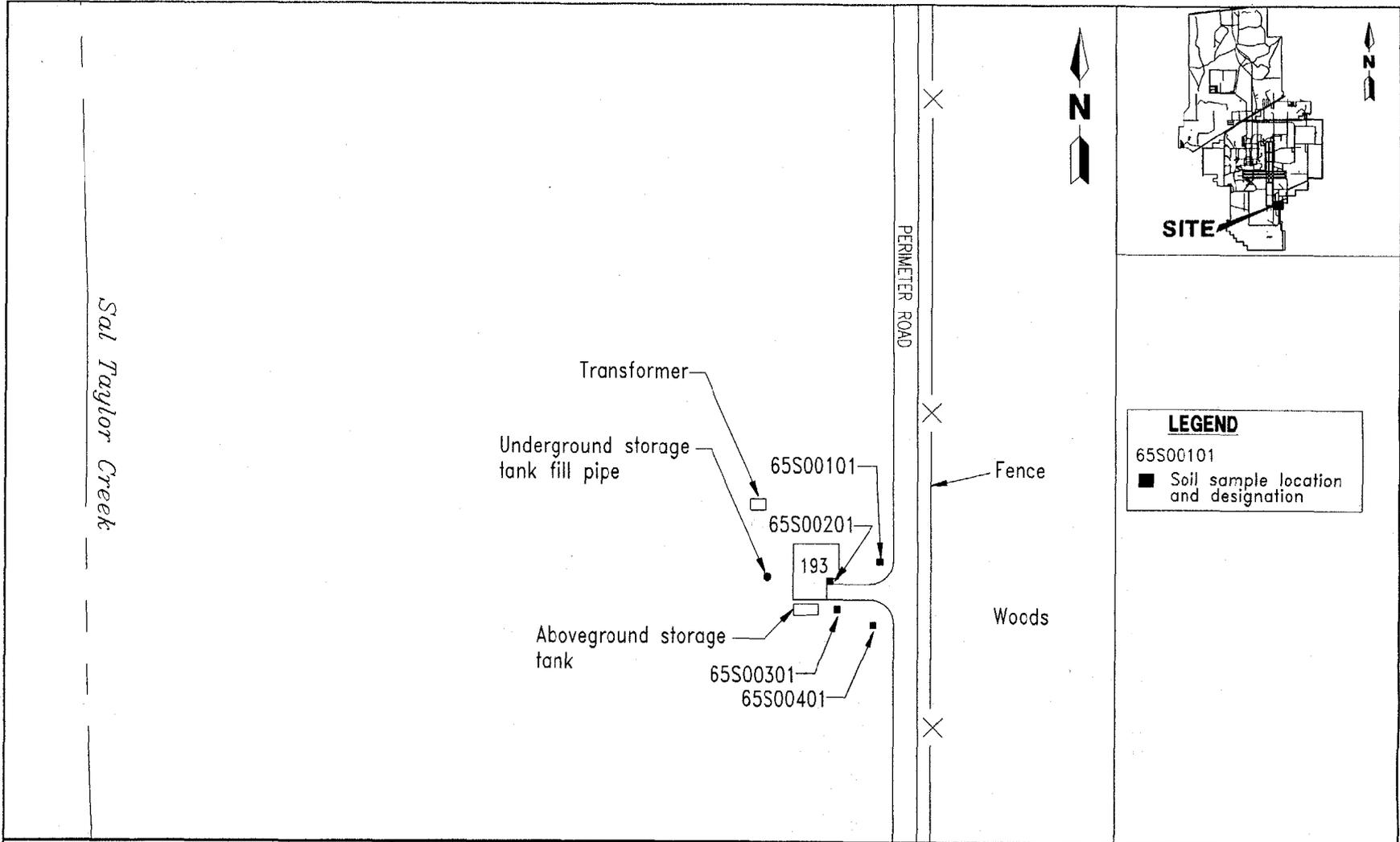
Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994b). A general site plan indicating the sample locations is presented on Figure 1.

## 3.0 ANALYTICAL DATA EVALUATION

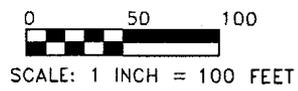
The results of the onsite analyses for PCBs in each of the four surface soil samples were negative.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

Although PCBs were not detected in soil samples collected, a reclassification of the color code for Building 193 cannot be recommended until the condition of an underground storage tank (UST) at the site has been assessed and documented. The UST assessment will be undertaken during a separate investigation, in accordance with procedures documented in the Tank Management Plan (ABB-ES, 1996).



**LEGEND**  
65S00101  
■ Soil sample location and designation



**FIGURE 1**  
**BUILDING 193**  
**STANDBY GENERATOR FOR RUNWAY LIGHTS**  
**SAMPLE LOCATION PLAN**



**PHASE II SAMPLING AND ANALYSIS REPORT**  
**NAS CECIL FIELD**  
**JACKSONVILLE, FLORIDA**

## 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 (SOUTHNAVFACENGCOM), North Charleston, South Carolina (November).
- ABB-ES. 1994b. *Project Operations Plan for Cecil Field and Health and Safety Plan, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOM, (December).
- ABB-ES. 1996. *Base Realignment and Closure Tank Management Plan for Naval Air Station Cecil Field, Jacksonville, Florida (Draft)*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (August).