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NAS CECIL FIELD, FL  
5090.3a

SAMPLING AND ANALYSIS REPORT FOR BUILDING 324 BASE REALIGNMENT AND  
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 5 NAS CECIL FIELD FL  
7/1/1997  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS REPORT**  
**BUILDING 324**  
**BASE REALIGNMENT AND CLOSURE**  
**ZONE D, INDUSTRIAL AND FLIGHTLINE AREA**  
**GROUP V**

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

**Unit Identification Code: N60200**

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

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GLOSSARY

ABB-ES      ABB Environmental Services, Inc  
PCB          polychlorinated biphenyl  
SAO          Sampling and analysis outline

## 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 324, at Naval Air Station Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations of the Phase II investigation.

Building 324 is an engine maintenance shack. An oil switch, located south of the building was observed to be leaking during a site walk-over in March 1995. A Sampling and Analysis Outline (SAO), (ABB-ES, 1995) 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 sampling and analysis program developed in the SAO are discussed below.

## 2.0 PHASE II INVESTIGATION

Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994b). The Phase II investigation included the collection and analysis of one surface soil sample for polychlorinated biphenyl (PCBs). The surface soil sample was collected from the area of stained soil beneath the leaking oil switch. A general site plan indicating the sample location is presented on Figure 1. The sample was 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.

## 3.0 ANALYTICAL DATA EVALUATION

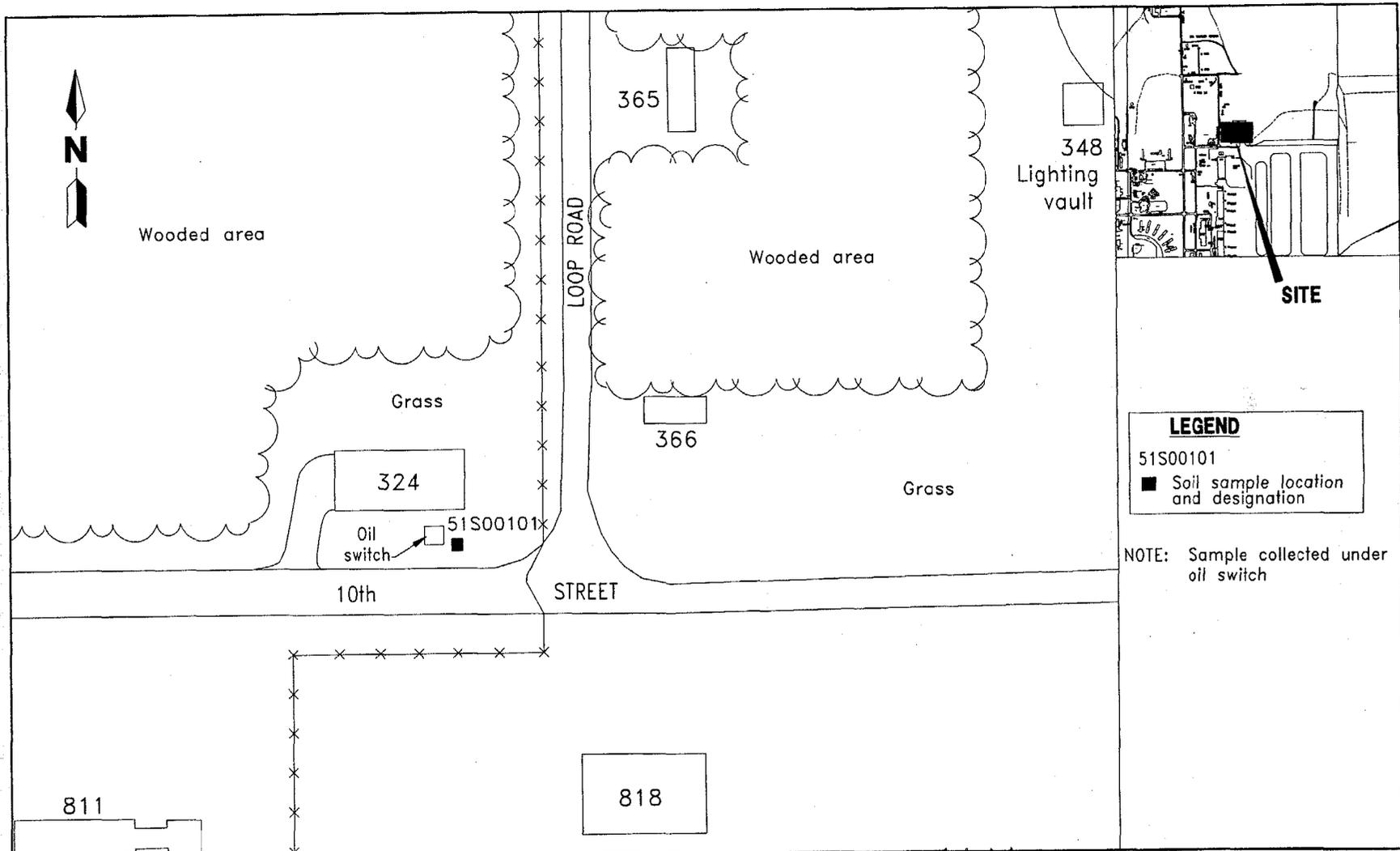
The results of the onsite analysis for PCBs in the surface soil sample were negative.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

PCBs were not detected in surface soil collected from an oil-stained area beneath an oil switch at Building 324. Therefore, based upon the results of the soil screening, a reclassification of the color code for Facility 324 from Gray to Light Green is recommended.

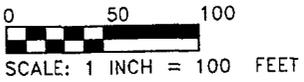
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**LEGEND**  
51S00101  
■ Soil sample location and designation

NOTE: Sample collected under oil switch



**FIGURE 1**  
**BUILDING 324**  
**ENGINE MAINTENANCE SHACK**  
**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*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (December).
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