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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 1 BASE REALIGNMENT AND
CLOSURE ZONE C DEVELOPED NON-INDUSTRIAL AREA GROUP 9 NAS CECIL FIELD FL
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ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE
BUILDING 1
BASE REALIGNMENT AND CLOSURE
ZONE C, DEVELOPED NONINDUSTRIAL AREA
GROUP IX
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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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

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GLOSSARY

ABB-ES ABB Environmental Services, Inc.
ACM asbestos containing materials

BRAC Base Realignment and Closure

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 1 at Naval Air Station Cecil Field. Building 1 is located at the southeast corner of the intersection of 3rd Street and C Avenue. The facility is referred to as the Public Works Center in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994).

2.0 EBS COLOR DESIGNATION

Building 1 was constructed in 1942 and served as Public Works maintenance shops until 1953, when it was converted to administrative office space. Building 1 was color-coded Grey in the EBS because of the presence of friable asbestos containing materials (ACM), the likelihood that lead-based paint was used on the facility, and because the facility was formerly used for vehicle maintenance and painting activities. No other environmental concerns were noted during the EBS.

Additional asbestos surveys, were conducted in support of the Asbestos Management Plan (ABB-ES, 1995a). Friable ACM was confirmed in pipe insulation and mudded joint packing compound above the dropped ceiling in the breakroom. Suspect ACM in ceiling and floor tiles were identified, but no samples were collected for confirmation.

Analyses conducted in support of the Lead-Based Paint Management Plan (ABB-ES, 1995b) confirmed the presence of lead-based surface coatings on interior and exterior surfaces. A lead-based paint hazard rating of 2-2-C (occupied non-residential facility with surfaces in good condition) was assigned to this facility.

As-built construction drawings for the facility indicate sheetmetal, blacksmith, and paint-and-varnish shops were located in Building 1, prior to its conversion to administrative offices. A sump drain was located in the paint-and-varnish shop at the southeast corner of the building. This sump, and other floor drains noted on the construction drawings, was connected to the sanitary sewer system.

3.0 RECOMMENDATIONS

Recommendations to develop and implement an operations and maintenance plan are cited in the Asbestos Management Plan (ABB-ES, 1995a). The Asbestos Management Plan recommends additional testing or abatement if the building is to be renovated. The Lead-Based Paint Management Plan (ABB-ES, 1995b) indicates a minimal risk of lead exposure to humans due to lead-based paint at this facility and recommends implementation of operations and maintenance controls.

A Phase II Sampling and Analysis program is recommended to assess whether or not groundwater has been affected by potential releases from former activities or potential leaks from the sump in the former paint-and-varnish shop. Analytical results, a contamination assessment, and recommendations for reclassification of

