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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 67 BASE REALIGNMENT AND CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 2 NAS CECIL FIELD FL

1/1/1995

ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE

BUILDING 67

BASE REALIGNMENT AND CLOSURE

ZONE D, INDUSTRIAL AND FLIGHTLINE AREA GROUP II

NAVAL AIR STATION, CECIL FIELD JACKSONVILLE, FLORIDA

Unit Identification No. N60200

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TABLE OF CONTENTS

Sampling and Analysis Outline
Building 67
Base Realignment and Closure
Zone D, Industrial and Flightline Area Group II
NAS Cecil Field, Jacksonville, Florida

LIST OF FIGURES

GLOSSARY OF TERMS AND ABBREVIATIONS

ABB-ES	ABB Environmental Services, Inc.
BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Study
SAO	Sampling and Analysis Outline

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Program Phase II Sampling and Analysis Outline briefly describes and proposes a plan for assessment of Building 67 located within the north-south flightline section of the Main Base (see inset, Figure 1) at Naval Air Station Cecil Field. It is referenced in the Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a) as Hangar 67.

Building 67 is located on the flightline northeast of the intersection of 4th Street and Jet Road. It is north of Building 1820, an aircraft maintenance hangar, and northeast of Building 312, an aircraft corrosion control hangar.

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Hangar 67 was color-coded Grey in the EBS due to the presence of petroleum stains on the hangar floor and uncertainty about past operating practices. A small satellite hazardous waste accumulation point was located inside one of the open areas within the hangar where aircraft are maintained. A hazardous and flammable materials accumulation area is located outside the building on the north side. The outside area had no evidence of staining and had secondary containment. On the east side of the building several flammable material storage lockers were located on the concrete apron. These contained solvents and petroleum-based aircraft cleaning compound. The building floor drainage system plans from 1952 show all floor drains connected to the stormwater drainage system. Based on current information, no oil-water separator is associated with the floor drainage system.

Pathways of concern for the hazardous and petroleum-based substances from the materials stored and used in this hangar building are (1) the stormwater drainage system and catch basins via floor drains and runoff and (2) cracks in the concrete floors and the taxiway apron via infiltration.

3.0 RECOMMENDATIONS

Prior to redesignation of the color code for Building 67, the pathways of concern for hazardous and petroleum-based materials stored in the line shacks, buildings, and storage areas and used during operations related to aircraft maintenance in the hangars will be addressed. Two separate, comprehensive SAOs will be developed to evaluate: (1) the stormwater drainage system, and (2) groundwater in the runway areas.[1] Building 67 is within the investigative areas of these two SAOs, and reclassification of the color code for the building will be postponed until the investigations are completed.

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[1]The SAO for the stormwater drainage system will outline a program to collect samples of sediment and surface water at the outfalls and sediment within the storm sewer system at primary intersection points. The SAO for the runway apron areas will outline a technical approach to evaluate the groundwater leaving the flightline areas for the north-south and east-west runways.

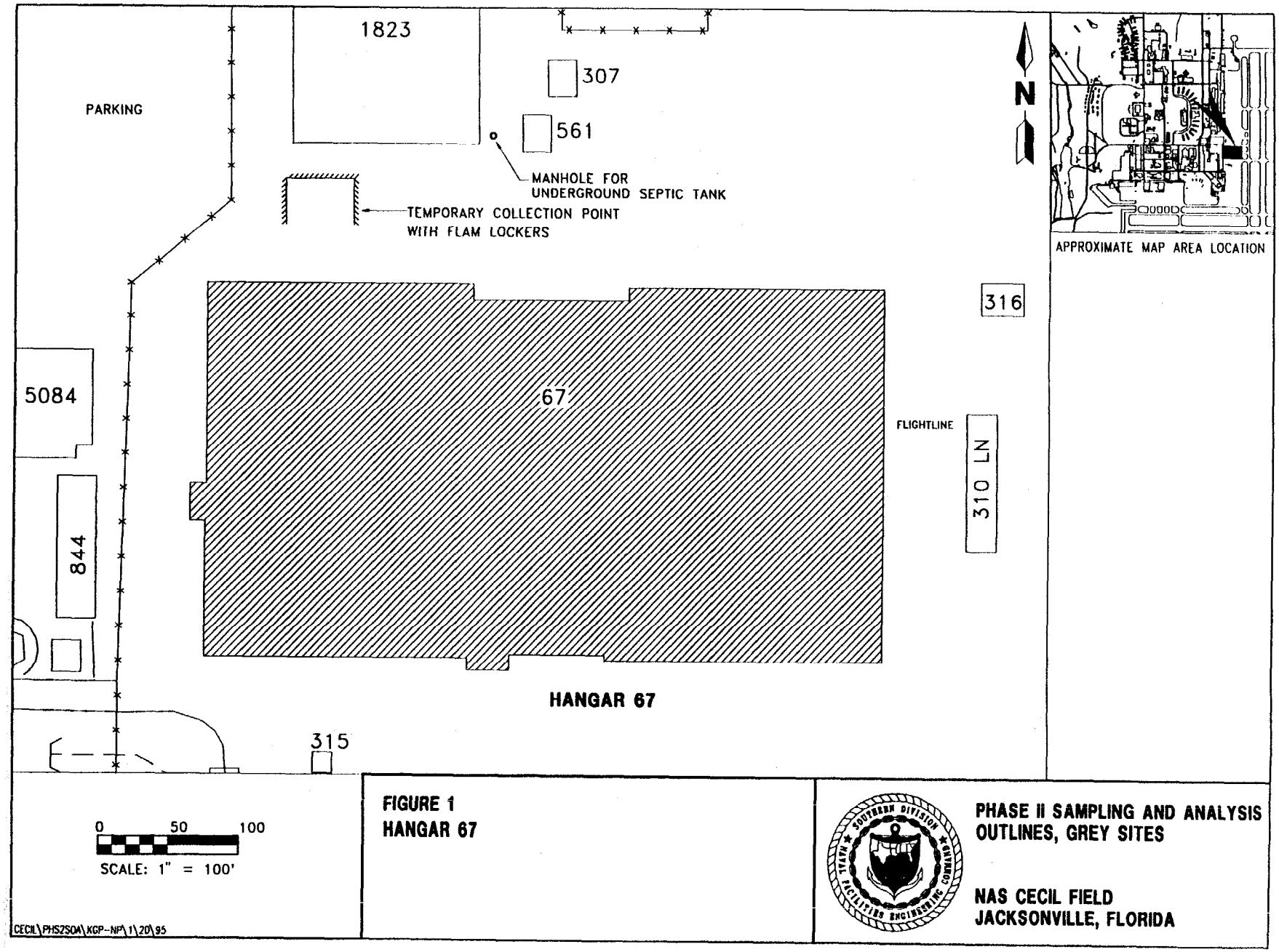

FIGURE 1
HANGAR 67

PHASE II SAMPLING AND ANALYSIS OUTLINES, GREY SITES

NAS CECIL FIELD
JACKSONVILLE, FLORIDA