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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 3LN 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 3LN

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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GLOSSARY OF TERMS AND ABBREVIATIONS

ABB-ES	ABB Environmental Services, Inc.
BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
CAS	Chemical Abstract Service
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 3LN 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 Line Shack 3.

Building 3LN is located on the flightline at the edge of the concrete apron between two aircraft maintenance hangars, Building 67 and Building 1820. Two other line shacks, Building 4LN and Building 5LN, are located nearby. The line shacks are used for storage of tools and clothing for flightline personnel and are portable buildings that can be moved as necessary.

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 3LN was color-coded Grey in the EBS due to storage of hazardous and petroleum-based cleaning materials and staining on pavement outside the building. During a site walkover in October 1994, several drums of aircraft cleaning fluid (which contains butyl carbitol [Chemical Abstract Service (CAS) No. 112345] and a petroleum distillate [No. 64742945]) were stored in this staging area. The concrete pavement near the line shacks is stained, but little to no staining was observed around a nearby stormwater catch basin.

Pathways of concern for the hazardous and petroleum-based materials stored on the concrete apron are (1) stormwater drainage system catch basins via runoff and (2) cracks in the concrete apron via infiltration.

3.0 RECOMMENDATIONS

Prior to redesignation of the color code for Building 3LN, the pathways of concern for the materials stored at the line shacks, buildings, and storage areas and used during operations related to aircraft maintenance along the flightlines will be addressed. Two comprehensive SAOs will be developed to evaluate: (1) the stormwater drainage system, and (2) groundwater in the runway areas.[1] Building 3LN 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.

[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.

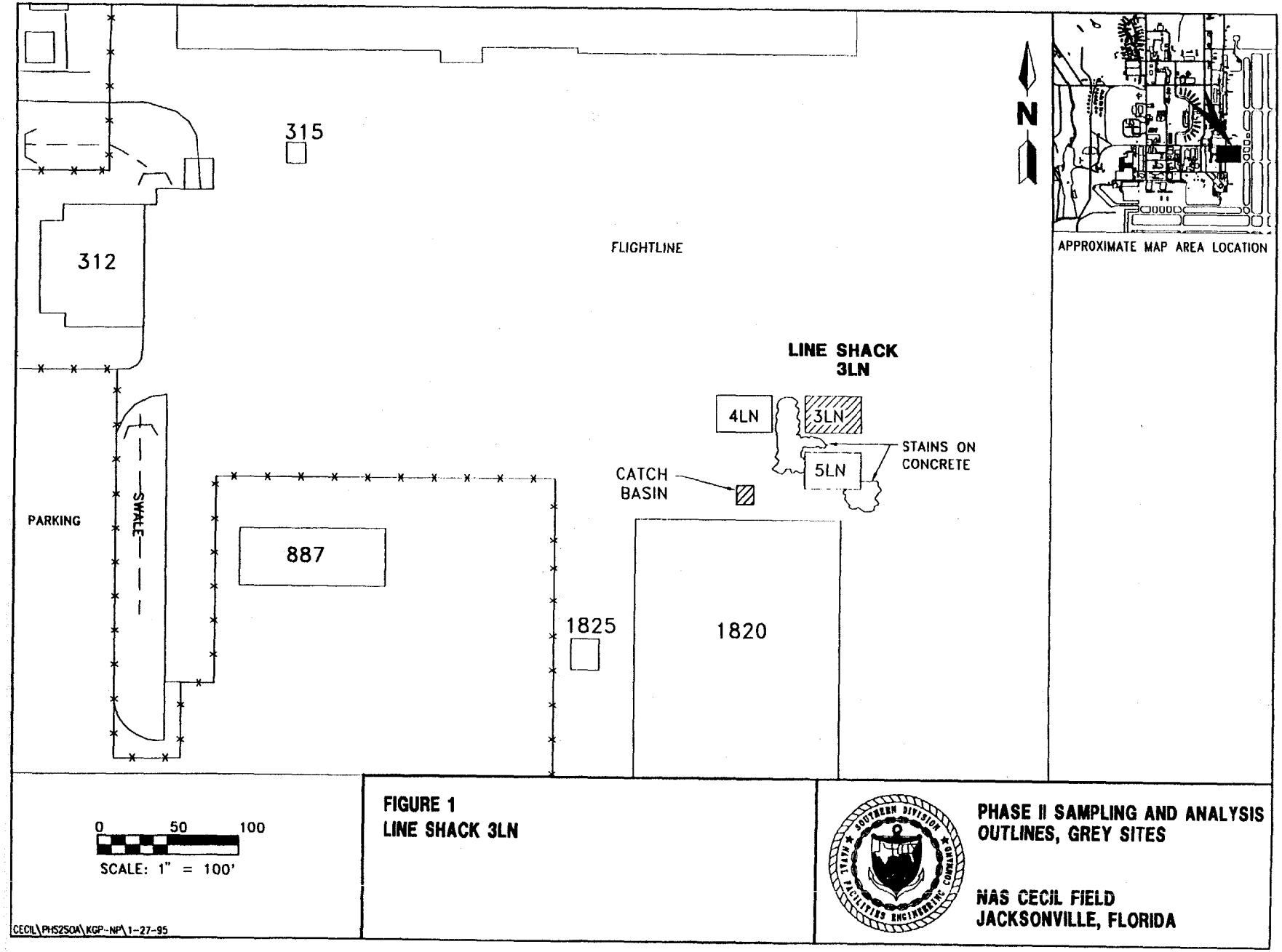

FIGURE 1
LINE SHACK 3LN

PHASE II SAMPLING AND ANALYSIS OUTLINES, GREY SITES

NAS CECIL FIELD
JACKSONVILLE, FLORIDA