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NAS CECIL FIELD, FL  
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 563 LN BASE REALIGNMENT AND  
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 2 NAS CECIL FIELD FL  
2/1/1995  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE**

**BUILDING 563 LN  
BASE REALIGNMENT AND CLOSURE  
ZONE D, INDUSTRIAL AND FLIGHTLINE AREA  
GROUP III**

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

**Unit Identification No. N60200**

**Contract No. N62467-89-D-0317**

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**February 1995**

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GLOSSARY

ABB-ES            ABB Environmental Services, Inc.  
BRAC             Base Realignment and Closure  
EBS              Environmental Baseline Survey  
POL              petroleum, oil, and lubricant  
SAO              Sampling and Analysis Outline

## 1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline (SAO) briefly describes and proposes a plan for assessment of Building 563 LN, located within the north to south flightline section of the Main Base at Naval Air Station (NAS) Cecil Field. It is referenced in the NAS Cecil Field *Environmental Baseline Survey (EBS)* (ABB Environmental Services, Inc. [ABB-ES], 1994a) as Line Shack Building 563 LN.

Line shacks are generally used for storage of tools and clothing for flightline personnel and as a shelter for visiting squadrons. They are portable buildings that can be moved as necessary.

Although the EBS summary noted that Building 563 LN had been moved from near the southeast corner of Building 825 to a new location outside of the flightline (near Building 364), that has not occurred; the building is currently located southeast of Building 825 at the edge of the concrete apron and taxiway (Figure 1).

## 2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 563 LN was color-coded Grey in the EBS due to its proximity to a petroleum, oil, and lubricant (POL) accumulation point and several flammable materials lockers where solvent-based cleaning materials have been stored. Oily stains on the concrete surface around the flammable materials lockers and the POL accumulation point were observed and noted in the EBS.

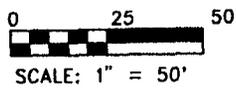
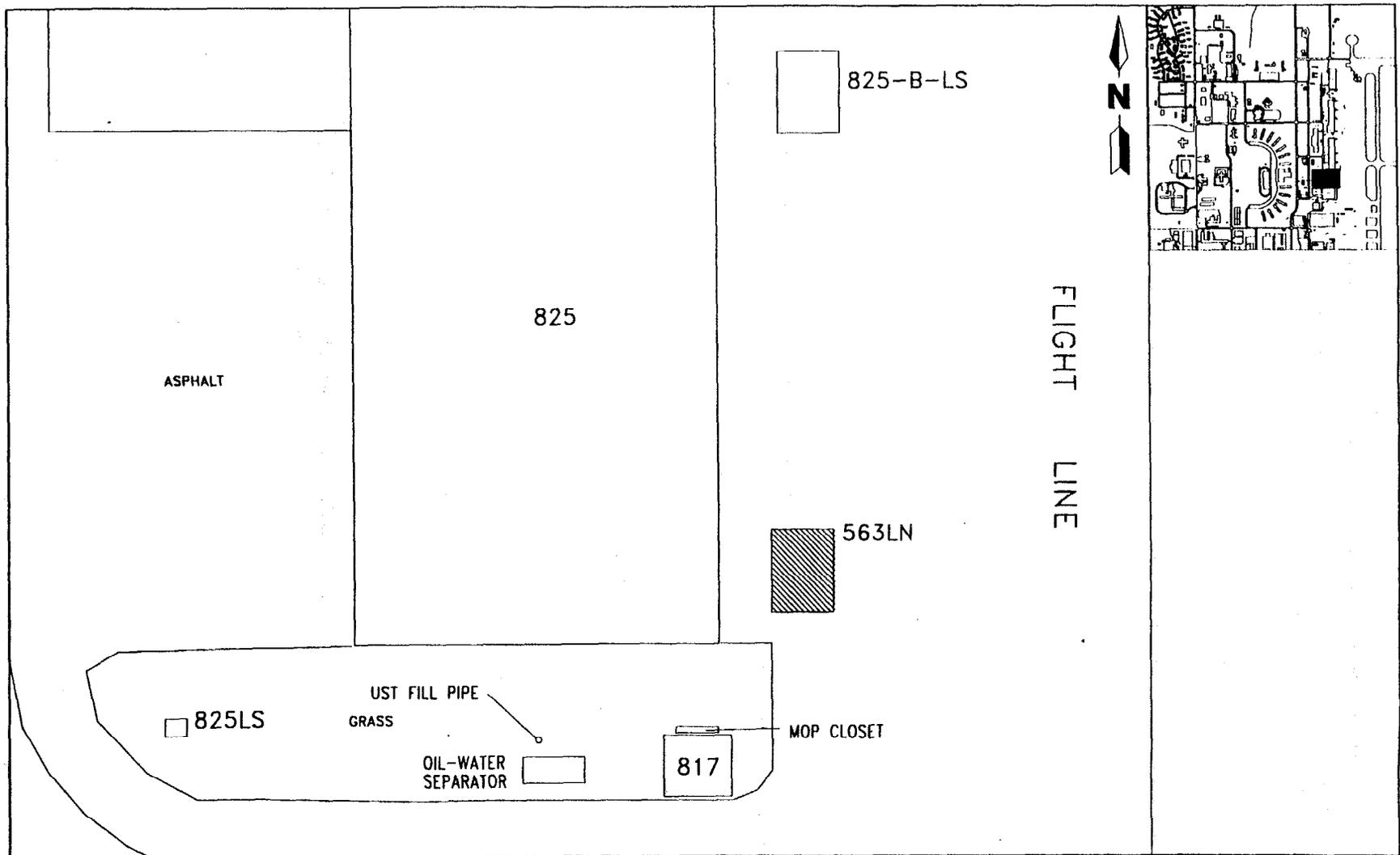
Pathways of concern for any hazardous, flammable, and/or petroleum-based materials stored at the line shacks are generally (1) stormwater drainage system catch basins via runoff and (2) cracks in the concrete apron via infiltration.

## 3.0 RECOMMENDATIONS

No Phase II assessment sampling is recommended at Building 563 LN; however, prior to redesignation of the color code for the building, the pathways of concern for the materials stored at the line shacks, buildings, 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.<sup>1</sup> Building 563 LN is within the investigation areas of these two SAOs, and it is recommended that re-evaluation of the color code for Building 563 LN be postponed until the investigations are completed.

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<sup>1</sup> 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 stormwater 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 to south and east to west runways.



**FIGURE 1**  
**BUILDING 563LN**  
**LINE SHACK**



**PHASE II SAMPLING AND ANALYSIS**  
**OUTLINES, GREY SITES**

**NAS CECIL FIELD**  
**JACKSONVILLE, FLORIDA**