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NAS CECIL FIELD, FL  
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 860 BASE REALIGNMENT AND  
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 4 NAS CECIL FIELD FL  
4/1/1995  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE**  
**BUILDING 860**  
**BASE REALIGNMENT AND CLOSURE**  
**ZONE D, INDUSTRIAL AND FLIGHTLINE AREA**  
**GROUP IV**  
**NAVAL AIR STATION, CECIL FIELD**  
**JACKSONVILLE, FLORIDA**

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
AIMD	Aircraft Intermediate Maintenance Department
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Survey
NAS	Naval Air Station
SAO	Sampling and Analysis Outline
TIMS	Tank Inventory Management System

## 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 860, located within the east-west flightline section of the Main Base at Naval Air Station (NAS) Cecil Field.

The BRAC NAS Cecil Field Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a) references Building 860 as an aircraft maintenance hangar. It was constructed in 1976 and has been used since it was built for storage and maintenance of operational aircraft. Administrative offices and shops are located on the first and second floor levels at the north end of the building. Building plans show that trench and floor drains in the building are piped to the base sanitary system via an oil-water separator associated with lift station 864 LS.

Building 860 is located at the west end of the east-west flightline west of hangar Building 13 and is surrounded by the concrete taxiway apron on the east and south sides (Figure 1).

## 2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 860 was color-coded Grey in the EBS due to the potential for hazardous substance releases from aircraft maintenance activities.

Pathways of concern for any hazardous, flammable, and/or petroleum-based materials used in the hangars are generally (1) stormwater drainage system catch basins via runoff and (2) cracks in the concrete apron via infiltration. The floor inside the open hangar area in Building 860 is in good shape with no cracks or openings. Floor trench drains are piped to the oil-water separator associated with lift station 864 LS (864 LS is covered under a separate SAO).

## 3.0 RECOMMENDATIONS

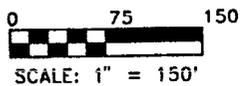
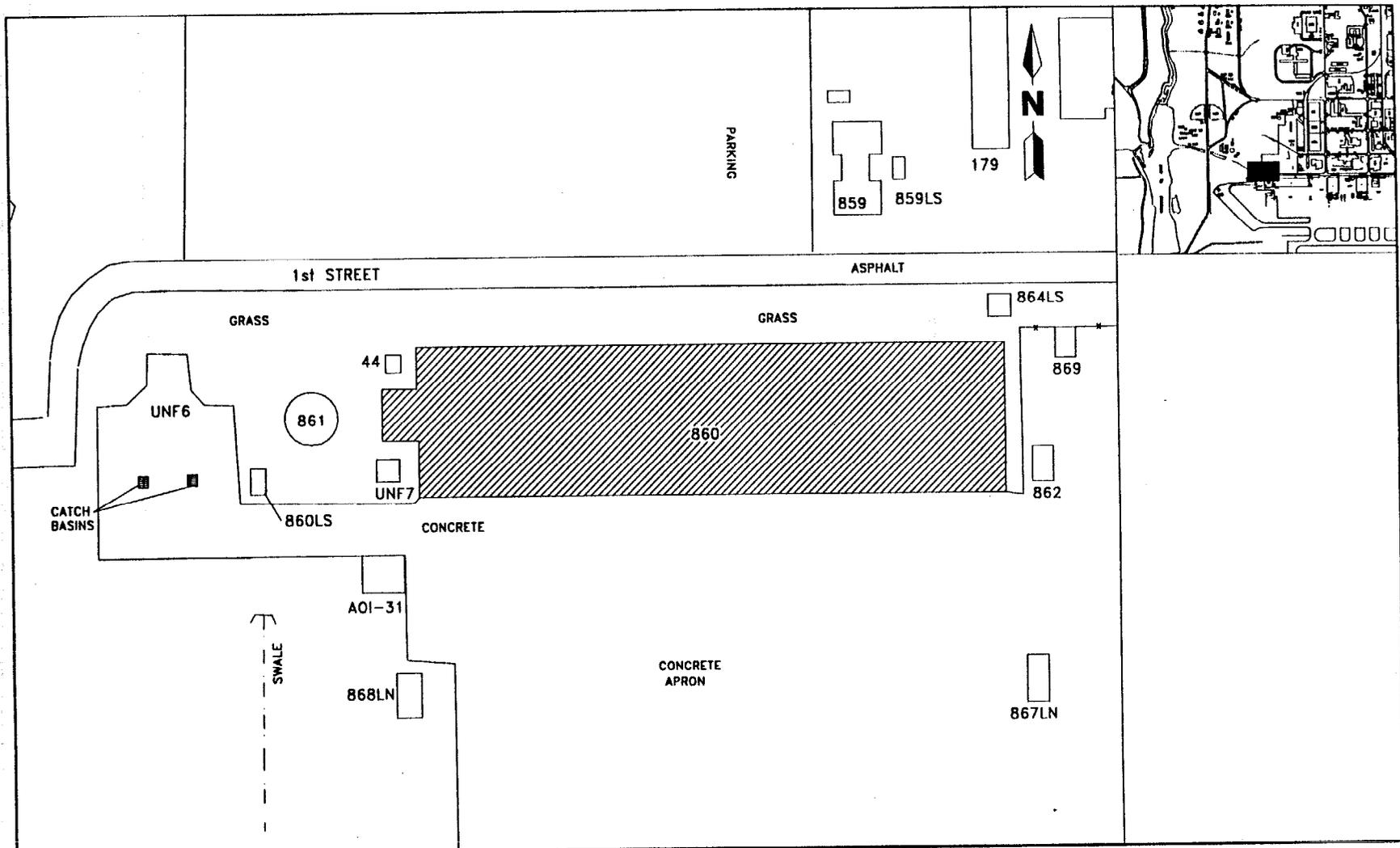
No Phase II assessment sampling is recommended at Building 860, however, prior to redesignation of the color code for the building, the pathways of concern for the materials stored at the flightline buildings and used during operations related to aircraft maintenance along the flightlines will be addressed. Two comprehensive SAOs will be developed to evaluate: (1) the stormwater drainage system, and (2) groundwater in the runway areas.<sup>1</sup> Building 860 is within the investigative areas of these two SAOs, and it is suggested that re-evaluation of the color code for Building 860 be postponed until the site summary reports from these SAOs 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-south and east-west runways.

#### 4.0 SELECTED REFERENCES

- ABB Environmental Services, Inc. (ABB-ES), 1992a, Contamination Assessment Report, North Fuel Farm, Facility 76, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, May/June.
- ABB-ES, 1992b, Contamination Assessment Report, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, July.
- ABB-ES, 1993, Contamination Assessment Report Addendum, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, December.
- 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, November.
- ABB-ES, 1994b, Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for Southern Division, Naval Facilities Engineering Command, December.
- ABB-ES, in press, Base Realignment and Closure Tank Management Plan for Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command.
- ABB-ES, in press, Site 16 Aircraft Intermediate Maintenance Department (AIMD) Seepage Pit Remedial Investigation, Operable Unit 7, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command.
- Naval Air Station, 1993, Public Works Department Oil-filled Electrical Distribution Inventory Data Forms, Cecil Field, Jacksonville, Florida: May.
- Naval Air Station, 1993, Tank Inventory and Management System (TIMS) Data Base, Cecil Field, Jacksonville, Florida: November.



**FIGURE 1**  
**BUILDING 860**  
**AIRCRAFT MAINTENANCE HANGAR**



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

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