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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 7 BASE REALIGNMENT AND
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 5 NAS CECIL FIELD FL
7/1/1995
ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE

BUILDING 7

BASE REALIGNMENT AND CLOSURE

**ZONE D, INDUSTRIAL AND FLIGHTLINE AREA
GROUP V**

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

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GLOSSARY OF TERMS AND ABBREVIATIONS

ABB-ES	ABB Environmental Services, Inc.
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Survey
NAS	Naval Air Station
TAL	Target Analyte List
TCL	Target Compound List

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Program Phase II Sampling and Analysis Outline briefly describes and proposes a recommendation for Building 7 located on 2nd Street between B and C Avenues (Figure 1) at Naval Air Station (NAS) Cecil Field. It is referenced in the Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a) as Flammable and Hazardous Materials Storage.

Building 7 is used primarily as storage for Building 11, the Steam Generating Plant. The building is divided into two large rooms and two small rooms. The two large rooms contain wet chemicals and dry chemicals, respectively. One of the small rooms is used for storage of waste chemicals prior to transfer to the hazardous waste storage facility. The other small room is a power supply room.

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 7 was color-coded Grey in the EBS because the building is used for the storage of flammable and hazardous materials, and staining was observed on the floor of the building. On a site walkover completed in March of 1995, staining observed during the EBS was still apparent on the floor of the building. In addition, the storage room in the southeast corner of the building (which had extensive staining) had a hole in the floor through which a water pipe passed. This hole appears to be acting as a drain for the room and represents a pathway for spills to reach the environment.

The building does not appear to have routine housekeeping. Several bottles of discarded chemicals were present in one small room on the east side of the building.

3.0 RECOMMENDATIONS

Based on results of the site walkover, proper storage and disposal of chemicals as well as housekeeping are recommended. In addition, the following sampling program is proposed.

To assess the presence or absence of contamination in groundwater that may be due to release and/or migration from the southeastern storage room, completion of the following sampling program is recommended. One groundwater sample will be obtained by installing and sampling a shallow monitoring well at the southeastern corner of the building. The sampling location is shown in Figure 1.

The recommended data quality objective is Level IV to meet the potential need for input to a Preliminary Risk Evaluation if site media are contaminated. Analysis of the full Contract Laboratory Program suite of target compound list (TCL) organics and target analyte list (TAL) inorganics is recommended.

Sample collection techniques, quality assurance objectives, quality control requirements, and sample handling and shipping procedures are outlined in the BRAC Project Operations Plan (ABB-ES, 1994b).

4.0 SELECTED REFERENCES

- 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, North Charleston, South Carolina, November.
- ABB-ES, 1994b, Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina, 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, North Charleston, South Carolina.

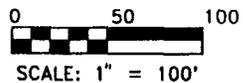
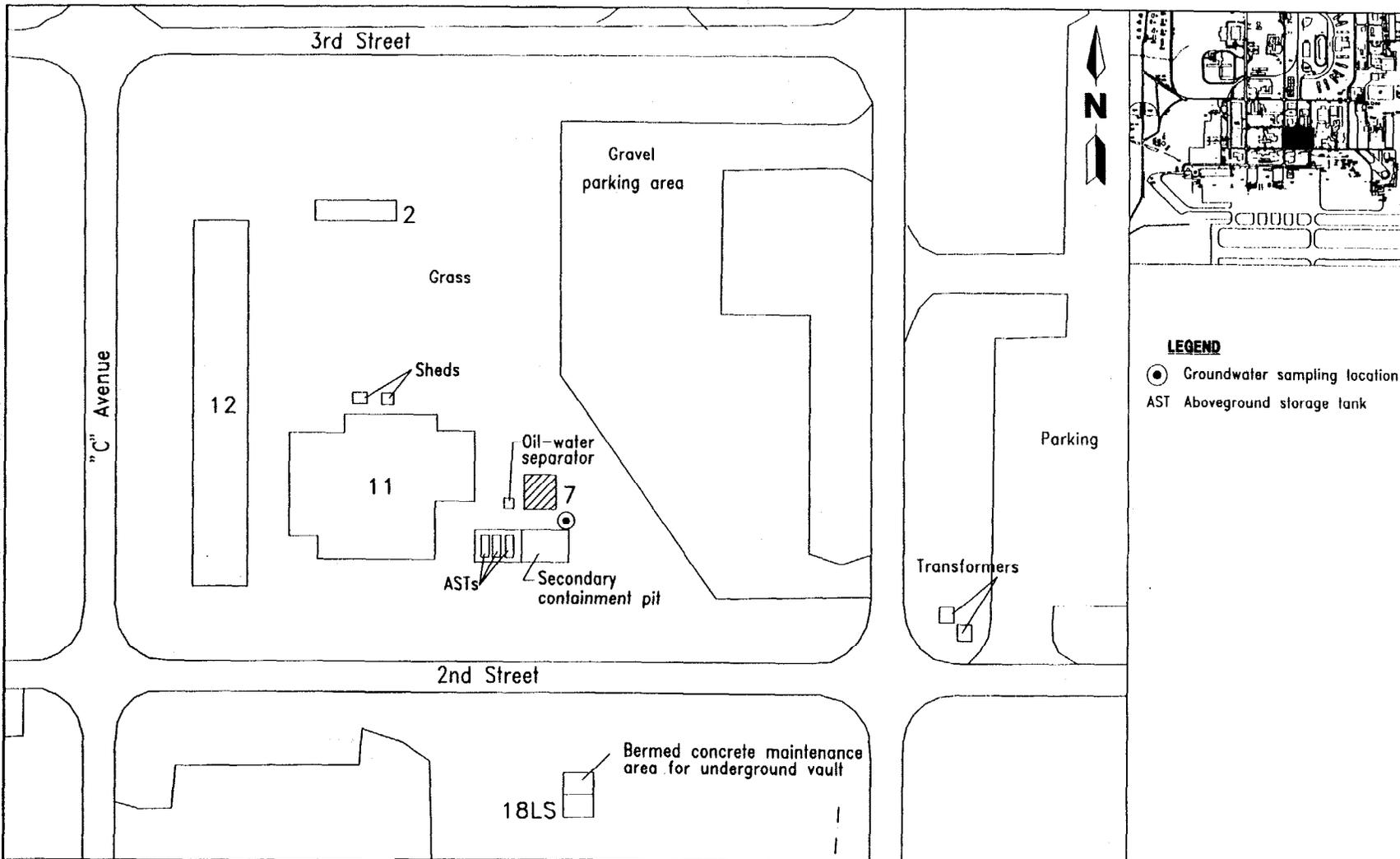


FIGURE 1
BUILDING 7
FLAMMABLE AND HAZARDOUS MATERIALS
STORAGE



PHASE II SAMPLING AND ANALYSIS
OUTLINES, GREY SITES

NAS CECIL FIELD
JACKSONVILLE, FLORIDA