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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 808 BASE REALIGNMENT AND
CLOSURE ZONE C DEVELOPED NON-INDUSTRIAL AREA GROUP 6 NAS CECIL FIELD FL
10/1/1995
ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE
BUILDING 808
BASE REALIGNMENT AND CLOSURE
ZONE C, DEVELOPED NONINDUSTRIAL AREA
GROUP VI
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
AST	aboveground storage tank
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Survey
NAS	Naval Air Station
PCB	polychlorinated biphenyl
ppm	parts per million
UST	underground storage tank

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 808 at Naval Air Station (NAS) Cecil Field. Building 808 is located on D Avenue between 4th and 6th Streets (Figure 1). It is referred to as the Dispensary/Dental Clinic in the Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a).

Building 808 houses dental offices and equipment, a pharmacy, and other medical facilities. Five x-ray machines support dental activities. One propane underground storage tank (UST) was removed from the facility in 1993. A 6,000-gallon fuel oil UST is still in service. Two aboveground storage tanks (ASTs) are present. One AST contains dental waste and the other AST contains propane. A transformer formerly located on the south side of the building contained greater than 500 parts per million (ppm) of polychlorinated biphenyls (PCBs) and was replaced with a non-PCB transformer.

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 808 was color-coded Grey during the EBS because of the UST, the ASTs, former PCB containing transformer, and concern associated with radioactive decontamination water-handling practices.

The EBS Report indicated that decontamination of personnel potentially exposed to radiation may have taken place at Building 808. The EBS Report recommended further records review to determine the disposition of any decontamination water that may have been generated.

3.0 RECOMMENDATIONS

During a site walkover in March 1995, it was observed that the AST containing dental waste was properly placarded, clean, and well maintained. The former transformer pad did not appear stained, and no signs of stressed vegetation were observed around the pad. The EBS did not indicate any history of leaks or damage associated with the former transformer.

Environmental concerns related to radioactive decontamination water appear to reflect a misinterpretation of information provided during the original EBS interviews in November 1993. ABB-ES has recently conducted personal interviews with Senior Medical Chiefs Pogue and Lamphere in an attempt to clarify the issue. Senior Chief Lamphere located the incident, which prompted the EBS concerns, in the daily patient log entry for November 22, 1993.

The details of the incident are as follows. Two airmen working on a germanium lens at base supply suspected they had come in contact with a source of radiation and were sent over to Building 808 for evaluation. The occupational health officer on duty noted in the daily patient log that the men were scanned with a geiger counter. No traces of radiation were detected, and the men were released without decontamination or treatment. No water was generated.

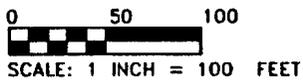
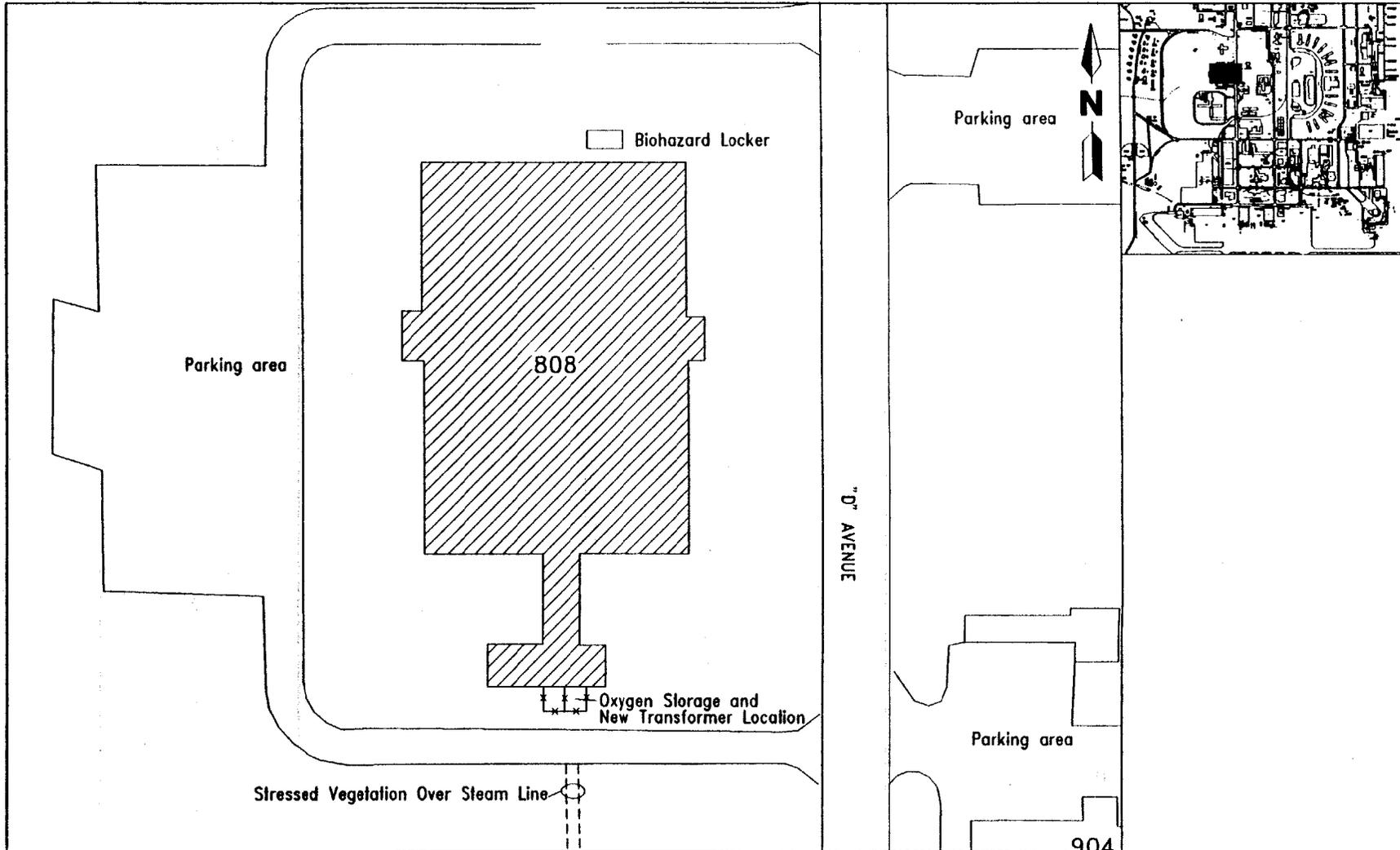


FIGURE 1
BUILDING 808
DISPENSARY AND DENTAL CLINIC



**GROUP VI SAMPLING AND
ANALYSIS OUTLINE**

**NAS CECIL FIELD
JACKSONVILLE, FLORIDA**

Based on the information obtained for this assessment there has been no documentation of, or visual evidence suggesting, a release of PCBs from the former transformer or generation or disposal of radioactive decontamination water at this facility. A reclassification of Building 808 from a color code of Grey to Blue is recommended, pending satisfactory resolution of AST- and UST-related issues.

4.0 SELECTED REFERENCES

ABB Environmental Services, Inc., (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.