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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 193 BASE REALIGNMENT AND
CLOSURE ZONE G UNDEVELOPED SOUTHERN AREA GROUP 7 NAS CECIL FIELD FL
3/1/1996
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE
BUILDING 193
BASE REALIGNMENT AND CLOSURE**

**ZONE G, UNDEVELOPED SOUTHERN AREA
GROUP VII**

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

Unit Identification No. N60200

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GLOSSARY

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

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline briefly describes and proposes a plan for assessment of Building 193 at Naval Air Station (NAS) Cecil Field. Building 193 is a standby generator for runway lights, located along the west side of Perimeter Road, approximately 1,000 feet east of the south end of Runway 36R (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 193 was color-coded Grey in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994) because of the presence of a 250-gallon diesel fuel underground storage tank (UST). A small stain on the concrete beneath the battery for the standby generator and a 1-foot-diameter oil stain in the grass adjacent to the access drive were also noted in the EBS Report. Polychlorinated biphenyl (PCB)-contaminated electrical equipment is present at Building 193.

A new vault-type aboveground storage fuel storage tank was observed during a November 1995 site visit by ABB-ES. The UST had not been removed at this time.

3.0 RECOMMENDATIONS

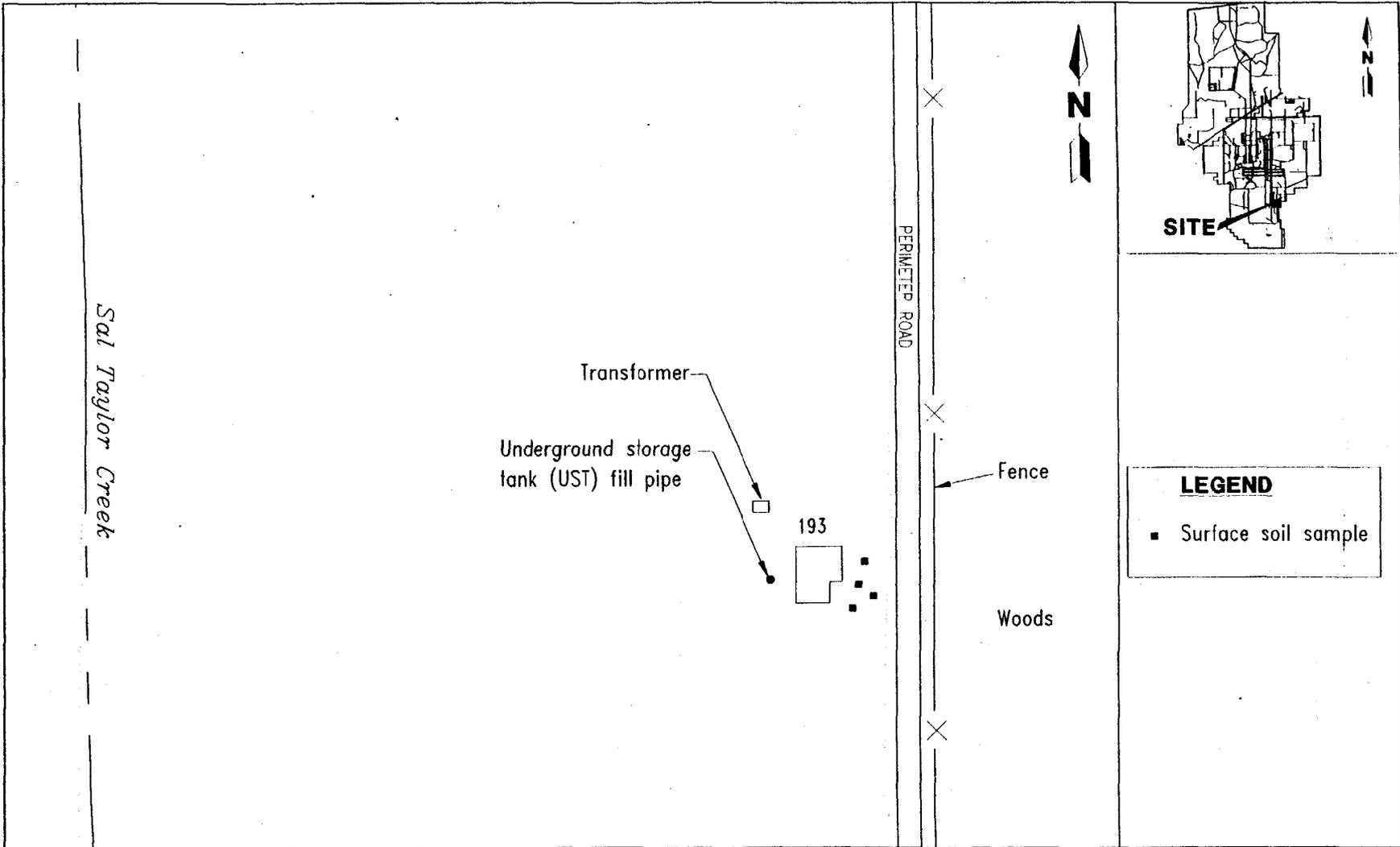
A Phase II Sampling and Analysis program is recommended to assess whether or not surface soil has been affected by potential releases of PCB-containing dielectric fluid during maintenance operations. Sample collection techniques, quality assurance objectives, quality control requirements, and sample handling and shipping procedures are outlined in the BRAC Project Operations Plan (ABB-ES, 1994b).

Four surface soil samples will be collected at an interval of 0 to 1 foot below land surface in the area of stained soil noted on the site sketch in the EBS Report (Figure 1). The samples will be screened in the field with an immunoassay test kit capable of detecting PCBs at concentrations of 1 part per million.

If field screening indicates detectable concentrations of PCBs in surface soil samples, one sample will be submitted for confirmatory Contract Laboratory program PCB analysis. The recommended data quality objective for the confirmatory analysis is Level III, to meet the need for input to a preliminary risk evaluation, if required.

Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 193. The project team will seek concurrence from the BRAC cleanup team before completing and submitting a final Site Summary report.

Potential environmental concerns associated with the diesel fuel UST will be addressed separately by the Tank Management Plan. Management of PCB-contaminated electrical equipment is being coordinated through the NAS Cecil Field Environmental Department.



0 50 100
SCALE: 1 INCH = 100 FEET

FIGURE 1
BUILDING 193
STANDBY GENERATOR FOR RUNWAY LIGHTS



**GROUP VII SAMPLING AND
ANALYSIS OUTLINE**

**NAS CECIL FIELD
JACKSONVILLE, FLORIDA**

4.0 SELECTED REFERENCES

ABB Environmental Services, Inc. (ABB-ES), 1994a, Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station (NAS) Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOC), November.

ABB-ES, 1994b, Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for SOUTHNAVFACENGCOC, December.

ABB-ES, in press, Base Realignment and Closure Tank Management Plan for NAS Cecil Field, Jacksonville, Florida: prepared for SOUTHNAVFACENGCOC.