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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 709 BASE REALIGNMENT AND CLOSURE ZONE A YELLOW WATER WEAPONS AREA GROUP 7 NAS CECIL FIELD FL
3/1/1996
ABB ENVIRONMENTAL SERVICES INC

SAMPLING AND ANALYSIS OUTLINE
BUILDING 709
BASE REALIGNMENT AND CLOSURE

ZONE A, YELLOW WATER WEAPONS 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

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 Facility 709 at Naval Air Station (NAS) Cecil Field. Facility 709 is a former transformer pad located on the south side of Main Road between Guard House Post Number 1 and Yellow Water Weapons Compound (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Facility 709 is color-coded Grey in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994) because no documentation of the polychlorinated biphenyl (PCB) content in transformers formerly located at this site was available. Facility 709 is not listed in the NAS Cecil Field Oil-Filled Electrical Distribution Inventory. No other visible concerns were noted during the EBS or during a subsequent ABB-ES site reconnaissance walkover in August 1995.

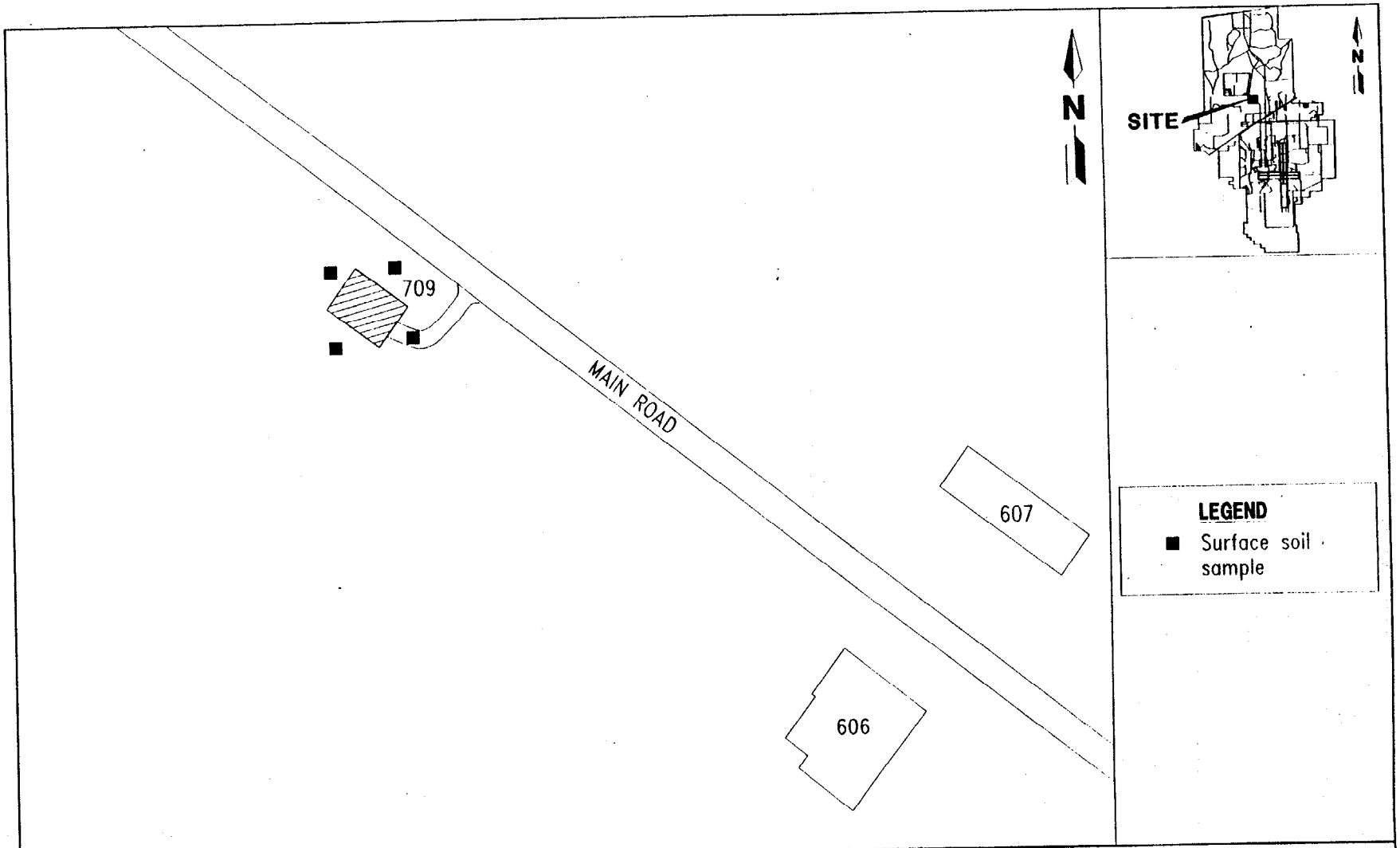
3.0 RECOMMENDATIONS

A Phase II Sampling and Analysis program is recommended to assess whether or not surface soil has been affected by releases of PCB-containing dielectric fluid from transformers formerly located at this facility. 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).

Surface soil samples will be collected at an interval of 0 to 1 foot below land surface along each side of the former transformer pad. Each sample 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 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 709. The project team will seek concurrence from the BRAC cleanup team before completing a Preliminary Risk Evaluation and submitting a final Site Summary report.



0 50 100

SCALE: 1 INCH = 100 FEET

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FIGURE 1
BUILDING 709
FORMER TRANSFORMER PAD

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 (SOUTHNAVFACENGCOM), November.

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

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