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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 289 BASE REALIGNMENT AND
CLOSURE ZONE H UNDEVELOPED EASTERN AREA GROUP 7 NAS CECIL FIELD FL

3/1/1996

ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE
BUILDING 289
BASE REALIGNMENT AND CLOSURE
ZONE H, UNDEVELOPED EASTERN AREA
GROUP VII
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA**

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GLOSSARY

ABB-ES ABB Environmental Services, Inc.
BCT BRAC cleanup team
BRAC Base Realignment and Closure

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 289 at Naval Air Station Cecil Field. Building 289 is a radio receiver station located along Perimeter Road, southeast of the intersection of Runways 36R and 9R (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

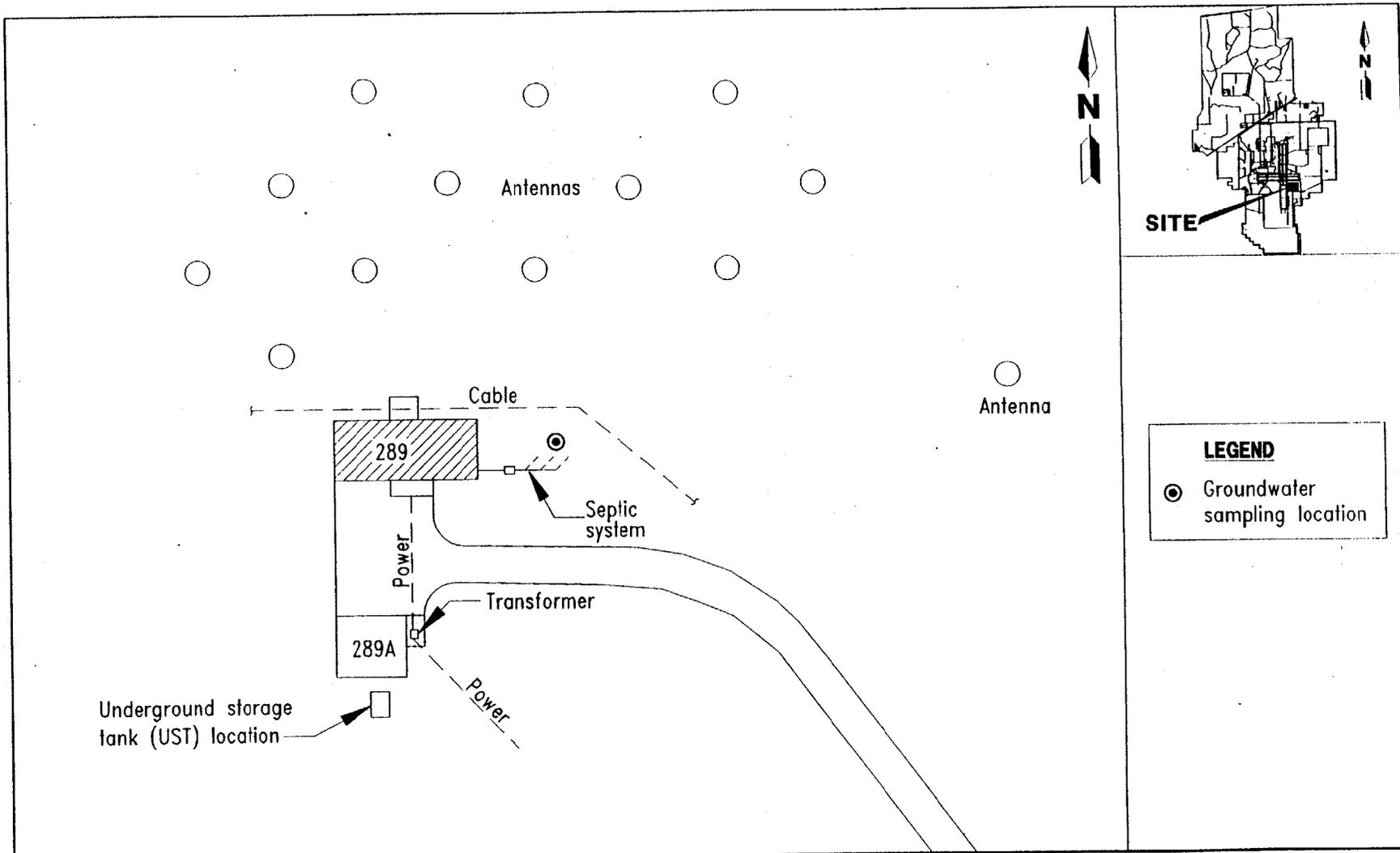
Building 289 was color-coded Grey in the Environmental Baseline Survey Report (ABB Environmental Services, Inc. [ABB-ES], 1994) because a septic tank is located on the property. The BRAC cleanup team (BCT) regards septic tank and leachfield systems as potential pathways for contaminants to enter the groundwater, if improperly used.

3.0 RECOMMENDATIONS

A Phase II Sampling and Analysis program is recommended to assess whether or not groundwater has been affected by releases from the septic system. Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 289. The project team will seek concurrence from the BCT before submitting a final Site Summary report.

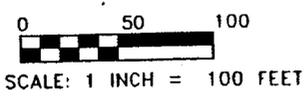
The recommended data quality objective for the Phase II Sampling and Analysis program is Level III, to meet the potential need for input to a preliminary risk evaluation, if required. Sample collection techniques, quality assurance objectives, quality control requirements, and sample handling and shipping procedures are outlined in the BRAC Project Operations Plan (ABB-ES, 1994b). Analysis for the full Contract Laboratory program suite of target compound list organics and target analyte list inorganics is recommended.

A groundwater monitoring well will be installed downgradient of the septic system. One groundwater sample will be collected and analyzed to evaluate whether or not groundwater has been affected by releases from the septic system. The proposed sample location is shown on Figure 1.



LEGEND

⊙ Groundwater sampling location



**FIGURE 1
BUILDING 289
RECEIVER BUILDING**



**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 (SOUTHNAVFACENCOM), November.

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

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