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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 829 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 829
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.
BCT	BRAC cleanup team
BRAC	Base Realignment and Closure
EBS	Environmental Baseline Survey
NAS	Naval Air Station
PCB	polychlorinated biphenyl
PRE	Preliminary Risk Evaluation

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 829 at Naval Air Station (NAS) Cecil Field. Building 829 is a radar equipment building located at the southwest corner of the intersection of runway 27L and the north-south taxiway (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 829 was color-coded Grey in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994) because of the presence of a 3-gallon diesel fuel day tank and information suggesting polychlorinated biphenyl (PCB)-contaminated transformers were formerly used at the facility. The NAS Cecil Field Oil-Filled Electrical Distribution Inventory did not reference PCB-contaminated equipment at this location. Two septic systems are also associated with Building 829. The BRAC cleanup team (BCT) regards septic tank and leachfield systems as potential pathways for contaminants to enter the groundwater, if improperly used. No other concerns were identified in the EBS Report or during a subsequent site walkover in August 1995.

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 systems. One groundwater monitoring well will be installed downgradient of both septic systems (Figure 1). One groundwater sample will be collected and analyzed.

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 (PRE), 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.

Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 829. The project team will seek concurrence from the BCT before completing a PRE and submitting a final Site Summary report.

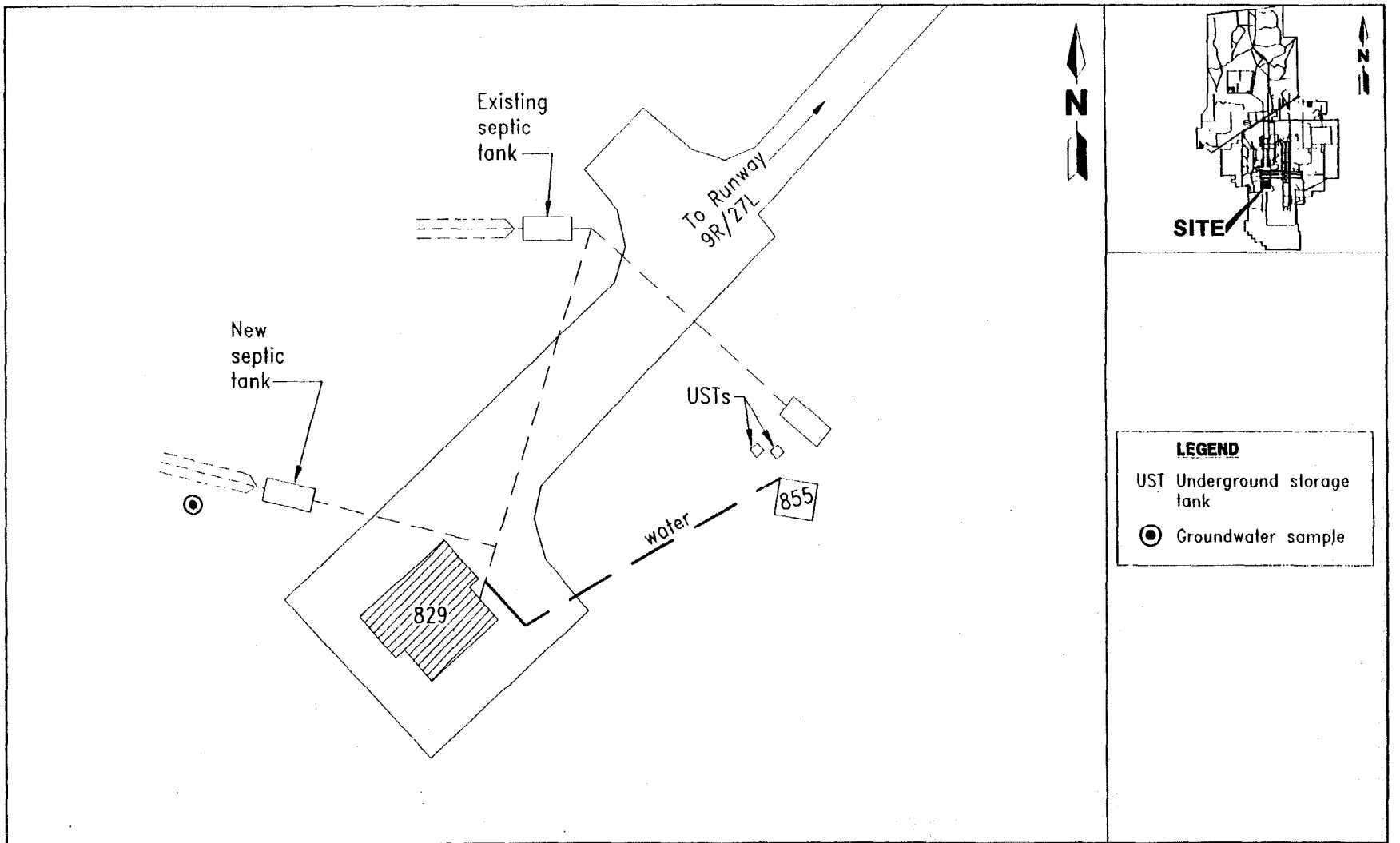

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FIGURE 1
BUILDING 829
RADAR EQUIPMENT BUILDING

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 (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.