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NAS CECIL FIELD, FL  
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 18 LS BASE REALIGNMENT AND  
CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA GROUP 5 NAS CECIL FIELD FL  
7/1/1995  
ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE**  
**BUILDING 18LS**  
**BASE REALIGNMENT AND CLOSURE**  
**ZONE D, INDUSTRIAL AND FLIGHTLINE AREA**  
**GROUP V**  
**NAVAL AIR STATION CECIL FIELD**  
**JACKSONVILLE, FLORIDA**

**Unit Identification No. N60200**

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GLOSSARY OF TERMS AND ABBREVIATIONS

ABB-ES            ABB Environmental Services, Inc.  
BRAC             Base Realignment and Closure  
EBS               Environmental Baseline Survey  
NAS               Naval Air Station  
TAL               Target Analyte List  
TCL               Target Compound List

## 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 18LS, located on 2nd Street between B and C Avenues (Figure 1) at Naval Air Station (NAS) Cecil Field. It is referenced in the Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a) as a Lift Station.

Building 18LS is the main lift station for the southern part of the main base east of D Avenue, except for Buildings 196, 904, 822, 46, 902, and 963. It also receives discharges from Buildings 68, 68A, and 68B.

## 2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 18LS was color-coded Grey during the EBS because of the likelihood that the lift station had handled petroleum products and cleaning solvents. During a site walkover in March 1995 no staining or stressed vegetation was observed on the concrete or grass surrounding the building. The facility does have an underground reservoir where wastes are collected prior to pumping to the wastewater treatment plant.

## 3.0 RECOMMENDATIONS

To assess the presence or absence of contamination in groundwater that may be due to release and/or migration of petroleum products or cleaning solvents discharged to Building 18LS, completion of the following sampling program is recommended.

The recommended data quality objective is Level IV to meet the potential need for input to a Preliminary Risk Evaluation if site media are contaminated. Analysis of the full Contract Laboratory Program suite of target compound list (TCL) organics and target analyte list (TAL) inorganics is recommended. 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). The proposed sampling location is shown in Figure 1.

One shallow groundwater sample will be obtained by installing and sampling a monitoring well downgradient of the building. The sampling location is shown in Figure 1.

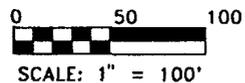
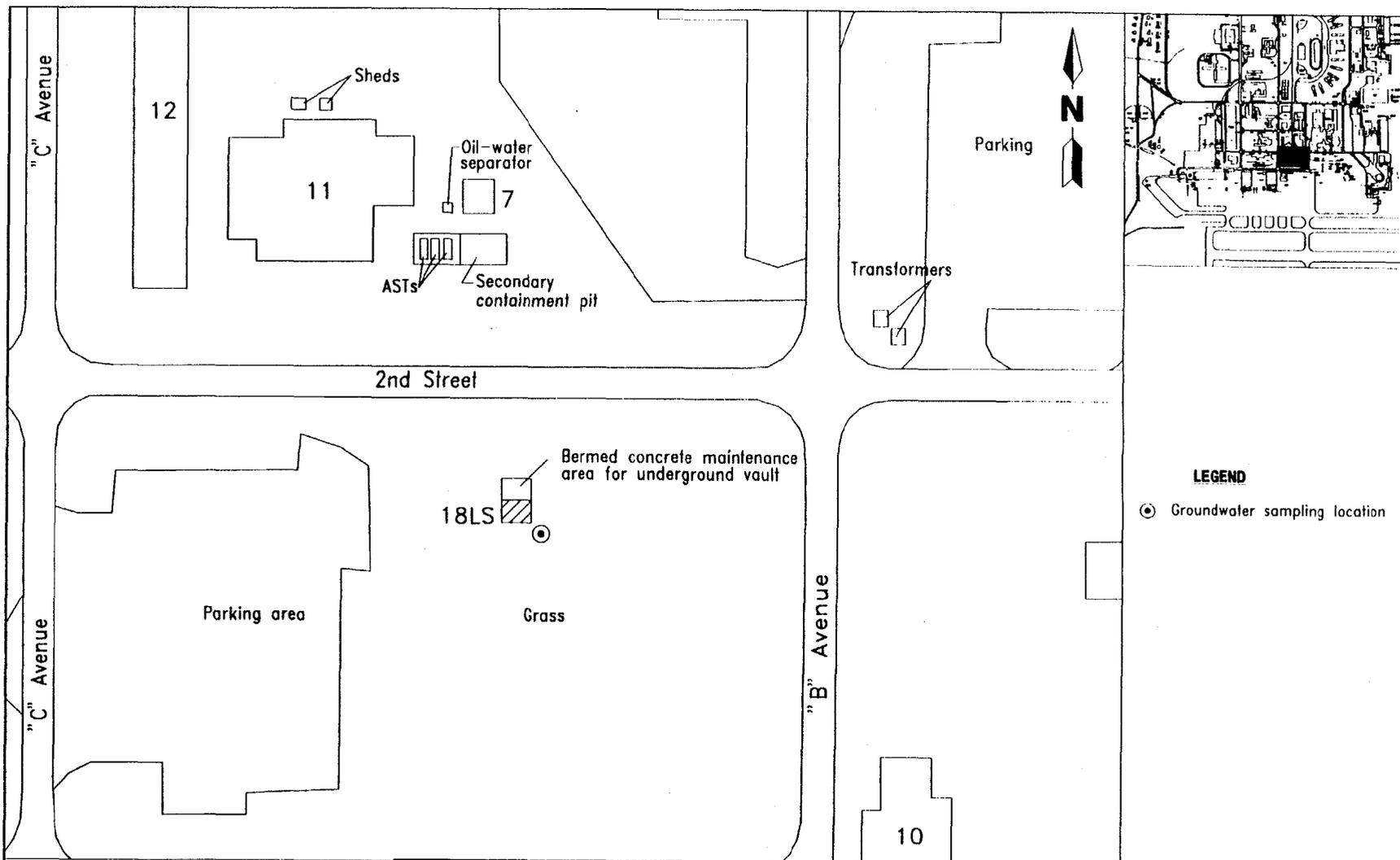
## 4.0 SELECTED REFERENCES

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.



**FIGURE 1**  
**BUILDING 18 LS**  
**LIFT STATION**



**PHASE II SAMPLING AND ANALYSIS**  
**OUTLINES, GREY SITES**

**NAS CECIL FIELD**  
**JACKSONVILLE, FLORIDA**