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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 621 LS BASE REALIGNMENT AND
CLOSURE ZONE A YELLOW WATER WEAPONS COMPLEX GROUP 7 NAS CECIL FIELD FL

3/1/1996

ABB ENVIRONMENTAL SERVICES INC

**SAMPLING AND ANALYSIS OUTLINE
BUILDING 621LS
BASE REALIGNMENT AND CLOSURE**

**ZONE A, YELLOW WATER WEAPONS COMPLEX
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

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 621LS at Naval Air Station Cecil Field. Building 621LS is a lift station located in the Yellow Water Weapons Complex (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

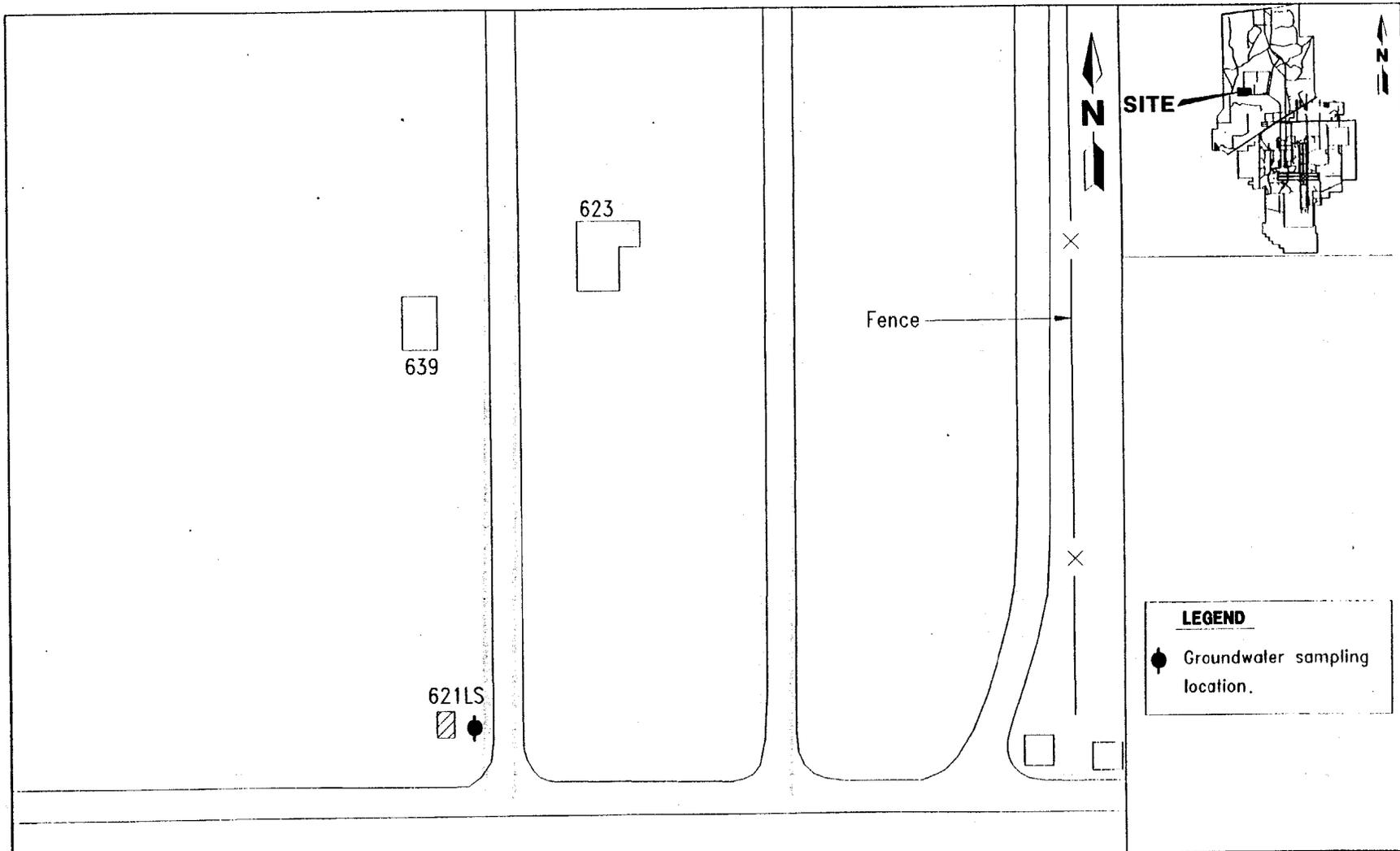
Building 621LS is color-coded White in the Environmental Baseline Survey Report (ABB Environmental Services, Inc. [ABB-ES], 1994). However, additional environmental concerns were identified during an ABB-ES site reconnaissance walkover and records review in August 1995. The primary concern is related to throughput of wastewater generated during light industrial activities associated with the storage and maintenance of ordnance and ordnance-handling equipment. Therefore, pending further assessment, the color code should be designated Grey.

3.0 RECOMMENDATIONS

A Phase II Sampling and Analysis program is recommended to assess whether or not groundwater has been affected by potential releases from the lift station. Analytical results, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Facility 621LS. The project team will seek concurrence from the BRAC cleanup team 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. Proposed sample locations are shown on Figure 1.

A groundwater monitoring well will be installed downgradient of the lift station. One groundwater sample will be collected and analyzed to evaluate whether or not groundwater has been affected by releases from the lift station.



0 50 100
SCALE: 1 INCH = 100 FEET

FIGURE 1
BUILDING 621LS
LIFT STATION



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.