

N60200.AR.009153  
NAS CECIL FIELD  
5090.3a

SAMPLING AND ANALYSIS OUTLINE FOR BUILDING 637 SITE A-3 NAS CECIL FIELD FL  
1/1/1995  
ABB ENVIRONMENTAL

**SAMPLING AND ANALYSIS OUTLINE**  
**SITE A-3, BUILDING 637**  
**BASE REALIGNMENT AND CLOSURE**  
**ZONE A, YELLOW WATER WEAPONS AREA**  
**GROUP I**

**NAVAL AIR STATION, CECIL FIELD**  
**JACKSONVILLE, FLORIDA**

**Unit Identification No. N60200**

**Contract No. N62467-89-D-0317/090**

**Prepared by:**

**ABB Environmental Services, Inc.**  
**2590 Executive Center Circle, East**  
**Tallahassee, Florida 32301**

**Prepared for:**

**Department of the Navy, Southern Division**  
**Naval Facilities Engineering Command**  
**2155 Eagle Drive**  
**North Charleston, South Carolina 29419**

**Steve Wilson, Code 18B9, BRAC Environmental Coordinator**

**January 1995**

TABLE OF CONTENTS

Sampling and Analysis Outline  
Site A-3, Building 637  
Base Realignment and Closure  
Zone A, Yellow Water Weapons Area, Group I  
NAS Cecil Field, Jacksonville, Florida

<u>Chapter</u>	<u>Title</u>	<u>Page No.</u>
1.0	SITE DESCRIPTION . . . . .	1
2.0	ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION . . . . .	1
3.0	RECOMMENDATIONS . . . . .	1

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page No.</u>
1	Site A-3, Building 637 Site, Yellow Water Weapons Area, Sampling and Analysis Outline . . . . .	2

GLOSSARY OF TERMS AND ABBREVIATIONS

ABB-ES      ABB Environmental Services, Inc.  
BRAC        Base Realignment and Closure  
EBS         Environmental Baseline Study  
SAO         Sampling and Analysis Outline

## 1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline (SAO) describes Site A-3, Building 637, which is located in the northeast section of the Yellow Water Weapons Area at Naval Air Station Cecil Field.

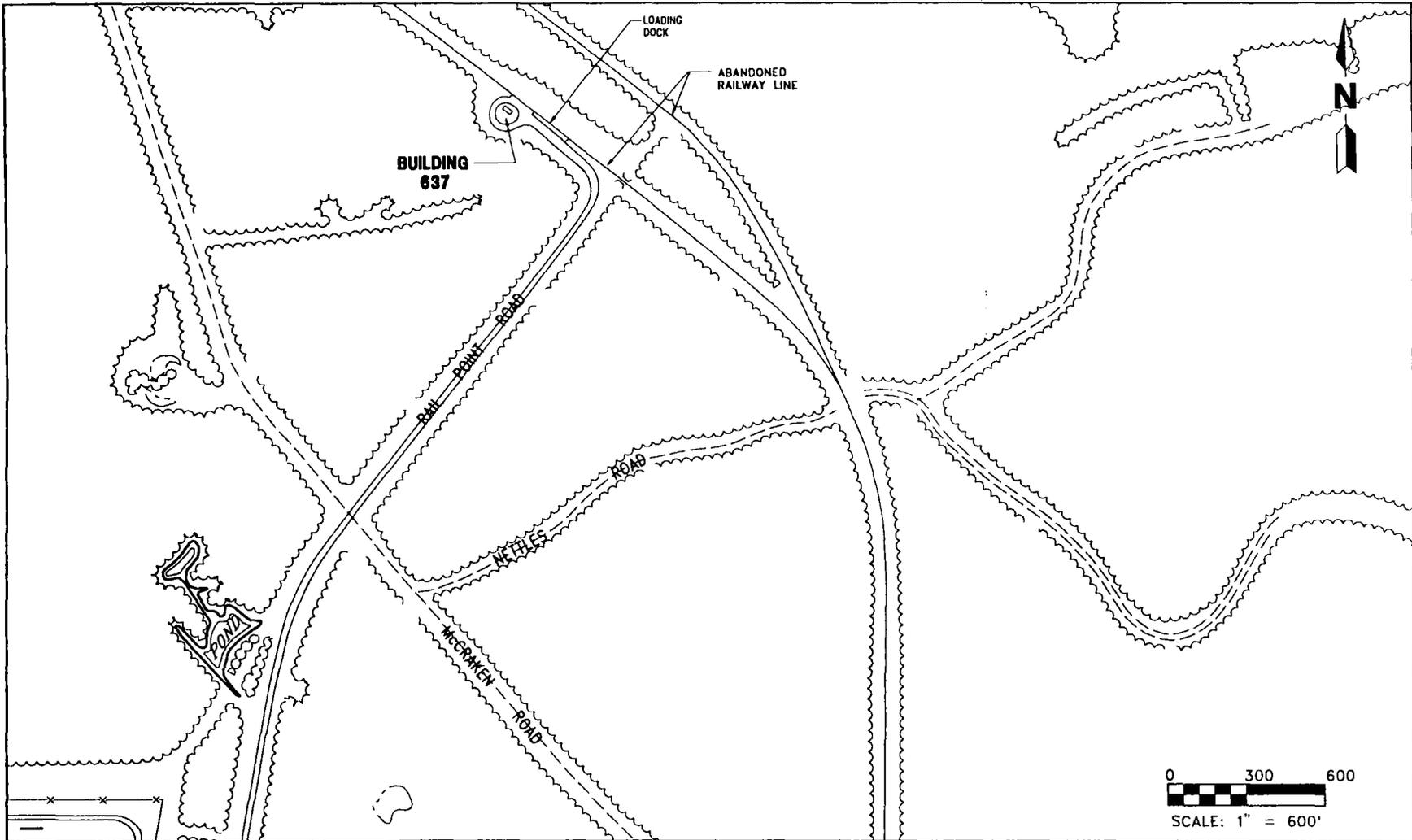
Building 637 is a quonset hut, constructed in 1944 from concrete block and corrugated sheet metal, with a concrete slab floor. The dimensions of the building are 40 feet by 14 feet, with a maximum height of 9 feet. It was reportedly used as a storage warehouse from 1944 to 1960 and as a tear gas chamber for an unspecified length of time after 1960. The building site is located, as shown on Figure 1, at the terminus of Rail Point Road in the center of the turnaround. An abandoned railway loading dock (Facility No. 635), which is color-coded White in the Environmental Baseline Survey (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a), is located nearby.

## 2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

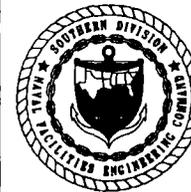
Building 637 was designated with a Grey color code in the EBS due to its former use as a tear gas chamber. It is presently used for storage by a local gun club. During a site walkover in October 1994, a mowing tractor and some supplies were stored inside the building. The rear door was standing open. There were no stains on the floors, walls, or ceiling of the building, and no odors inside. No staining or stressed vegetation were observed outside near the building.

## 3.0 RECOMMENDATIONS

Tear gas (chloroacetophenone, in most cases) is not a hazardous substance, but an eye irritant with a short-term acute effect. Tear gas residues in the building, even if present, would not be expected to pose a risk to human health and the environment. Based on this and historical use of the building as a freight warehouse with no records of storage of hazardous materials, it is unlikely that release and migration of hazardous substances to the environment occurred. The BRAC Cleanup Team has concluded that the color code for Site A-3 should be changed to White.



**FIGURE 1**  
**SITE A-3**  
**BUILDING 637 SITE**  
**YELLOW WATER WEAPONS AREA**



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

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

