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CNC CHARLESTON
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ABOVEGROUND STORAGE TANK (AST) ASSESSMENT REPORT FOR BUILDING 1193
CNC CHARLESTON SC
08/30/1999
NAVFAC SOUTHERN

Aboveground Storage Tank (AST) Assessment Report

Date Received
State Use Only

Submit Completed Form to:
SCDHEC
2600 Bull Street
Columbia, South Carolina 29201
Telephone (803) 734-5331

I. OWNERSHIP OF AST(S)

Agency/Owner: Southern Division, Naval Facilities Engineering Command, Caretaker Site Office			
Mailing Address: P.O. Box 190010			
City: N. Charleston	State: SC	Zip Code: 29419-9010	
Area Code: 843 Telephone Number: 743-9985 Contact Person: Henry N. Shepard II, P. E.			

II. SITE IDENTIFICATION AND LOCATION

Site I.D. #:	1193, Unregulated		
Facility Name:	Charleston Naval Base Complex, Building 1193		
Street Address:	1217 North Hobson Avenue		
City:	North Charleston, 29405-2413	County:	Charleston

III. CLOSURE INFORMATION

Closure Started: 21 July 1999	Closure Completed: 30 August 99
Number of ASTs Closed: 1	
N/A	SPORTENVDETCNASN
Consultant	AST Removal Contractor

IV. CERTIFICATION (Read and Sign after completing entire submittal)

<small>I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete.</small>	
Henry Shepard II, P. E.	
Name (Type or Print)	
Signature	<i>Henry N. Shepard II</i> 3/10/2000

V. AST INFORMATION

- A. Product.....
- B. Capacity.....
- C. Age.....
- D. Construction Material.....
- E. Month/Year of Last Use.....
- F. Spill Prevention Equipment Y/N.....
- G. Overfill Prevention Equipment Y/N....
- H. Method of Closure Removed/Filled..
- I. Visible Corrosion or Pitting Y/N.....
- J. Visible Holes Y/N.....

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Fuel oil					
500 gal.					
Unk					
Steel					
Unk					
N					
N					
R					
Y					
N					

- L. Method of disposal for any ASTs removed.

AST 1193 was removed, drained, cut open at both ends, and cleaned with a steam cleaner. It was then cut up for recycling as scrap metal. (See Attachment III.)

- M. Method of disposal for any liquid petroleum, sludges, or waste waters removed from the ASTs.

AST 1193 was dry. The sludge and waste water from cleaning were recycled.

- N. If any corrosion, pitting, or holes were observed, describe the location and extent for each AST.

Areas of light corrosion (surface rust) due primarily to paint deterioration were observed in a few random locations. Larger rust areas were observed where the metal support stand was welded to the AST. No pitting or holes were observed.

VI. PIPING INFORMATION

- A. Construction Material.....
- B. Distance from AST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System P/S.....
- E. Was Piping Removed Y/N.....
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Copper					
2'					
1 See Para VII					
s					
Y					
Y					
N					
Unk.					

- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each line.

No corrosion, pitting, or holes were found.

VII. BRIEF SITE DESCRIPTION AND HISTORY

Building 1193 was constructed in 1942. It served as an office at the time of base closure, however, records indicate that it was once a photographic laboratory. The AST was empty at the time of removal but had been used to provide heating fuel to the building boiler. An inspection of the tank, piping, concrete pad and surrounding area revealed no evidence of past leakage or spills.

X. SAMPLING METHODOLOGY

Provide a detailed description of the methods used to collect and store (preserve) the samples.

Samples were not taken. Aboveground storage tank M1193 was located on an asphalt parking lot.

XI. RECEPTORS

Yes No

A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the AST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the AST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) located within 100 feet of the AST system? If yes, indicate the type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the AST system that could potentially come in contact with the contamination? If yes, indicate the type of utility, distance, and direction on the site map.		X

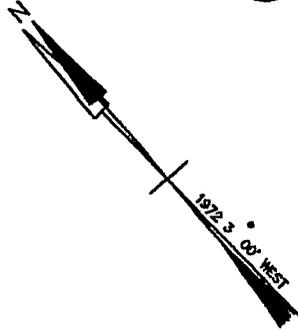
Attachment I

SITE MAP

You must supply a scaled site map. It should include all buildings, road names, utilities, tank and pump island locations, sample locations, extent of excavation, and any other pertinent information.

Site Maps 1 and 2

BLDG 1193



~ASPHALT PARKING LOT~

AST 1193
500 GAL. TANK
(6' x 4' DIA.)
ON LEGS

A/C
UNIT

A/C
UNIT

15' 0 15'



GRAPHIC SCALE

SPORTENVDETHASN
1899 North Hobson Ave.
North Charleston, SC
29405-2106
Ph. (803) 743-6777

Site Map 1
AST 1193
Charleston Naval Base
Charleston, SC

DWG DATE: 16 JUL 99	DWG NAME: B-1193_1
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AST 1193

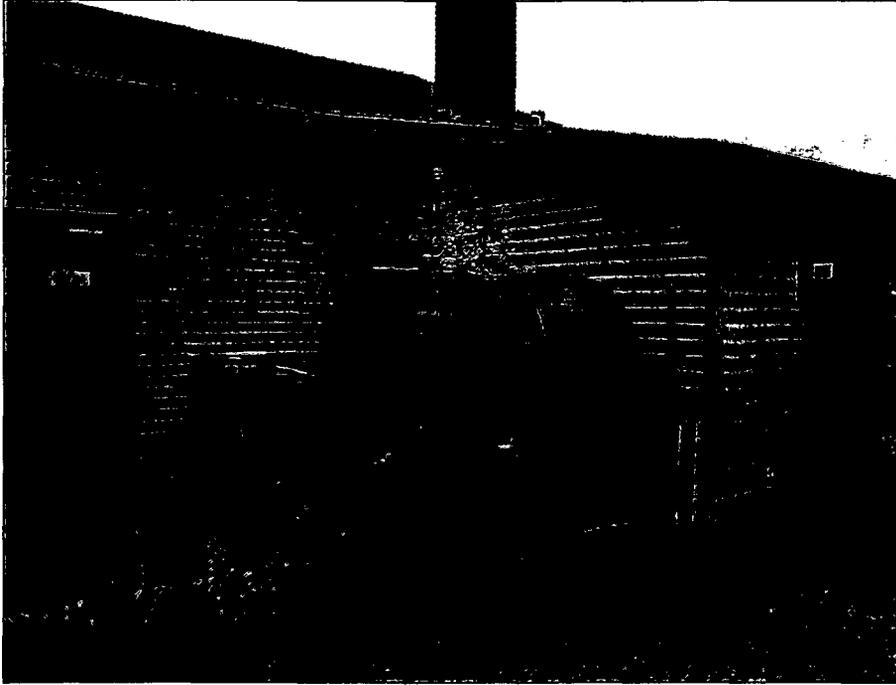


Photo A: AST 1193 located behind Building 1193

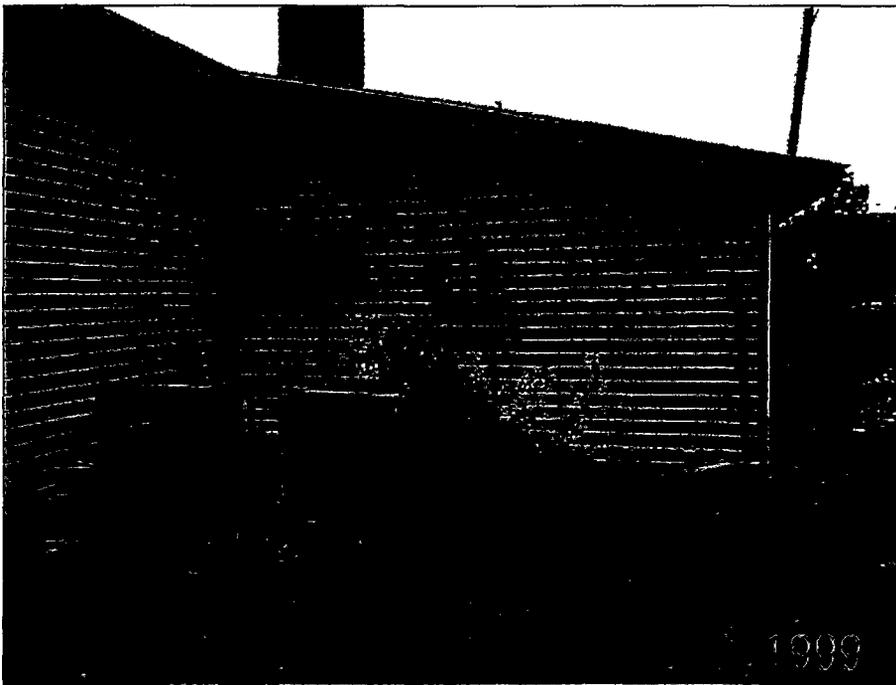


Photo B: AST 1193 was removed



Photo C: AST 1193 cleaned and cut up for disposal

ANALYTICAL RESULTS

You must submit the laboratory report and chain-of-custody form for the samples. These samples must be analyzed by a South Carolina certified laboratory.

**Certified Analytical Results
Chain-of-Custody**

No samples were taken.

Attachment III

Certificate of Disposal (tank)

AST Certificate of Disposal

CONTRACTOR

Supervisor of Shipbuilding, Conversion and Repair, USN
Portsmouth, VA
Environmental Detachment Charleston
1899 North Hobson Avenue
North Charleston 29405-2106

Telephone (843) 743-6482

TANK ID & LOCATION

AST 1193; Building 1193, 1217 N. Hobson Ave., Charleston Naval Complex, N. Charleston, SC

DISPOSAL LOCATION

Bldg. 1601 Tank Cleaning
& Disposal Area
Charleston Naval Complex

TYPE OF TANK

SIZE (GAL)

Fuel oil

500

CLEANING/DISPOSAL METHOD

The tank was cut open on both ends, cleaned with a steam cleaner, cut into sections, and disposed of as recyclable scrap metal.

DISPOSAL CERTIFICATION

I certify that the above tank has been properly cleaned and disposed of as recyclable scrap metal.

Charles C. Wannamaker, Jr. 12/16/99
Charles C. Wannamaker (Date)