

N61165.AR.004982
CNC CHARLESTON
5090.3a

ABOVE GROUND STORAGE TANK (AST) FOR BUILDING 1514 ASSESSMENT REPORT
CNC CHARLESTON SC
5/8/2001
ENVIRONMENTAL ENTERPRISE GROUP

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: Matthew Humphrey			

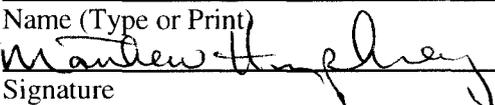
II. SITE IDENTIFICATION AND LOCATION

Site I.D. #:	Unregulated		
Facility Name:	Charleston Naval Base Complex, Building 1514		
Street Address:	1681 McMillian Avenue		
City:	North Charleston, 29405	County:	Charleston

III. CLOSURE INFORMATION

Closure Started: 8 May 01	Closure Completed: 8 May 01
Number of ASTs Closed: 1	
N/A	EEG, Inc.
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>	
Matthew Humphrey	
Name (Type or Print)	
	
Signature	

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. Date Tanks Removed/Filled.....
- J. Visible Corrosion or Pitting Y/N.....
- K. Visible Holes Y/N.....

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Diesel					
300 gal.					
11 years					
Steel					
UNK					
N					
N					
R					
8 May 01					
N					
N					

- L. Method of disposal for any ASTs removed.

AST 1514 was drained, removed, 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.

Approximately 300 gallons of fuel was removed from AST 1514. The fuel and rinsate from cleaning were recycled.

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

None 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
Steel				
10' & 16'				
2				
S				
Y				
N				
N				
11 years				

* Diesel engines

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

No corrosion, holes or pitting were found.

VII. BRIEF SITE DESCRIPTION AND HISTORY

Building 1514 was constructed in 1990 as a pump house. A 1500 gallon per minute fire pump was driven by two diesel engines for which AST 1514 supplied fuel.

VIII. SITE CONDITIONS

Yes No Unk

A. Were any petroleum-stained or contaminated soils found near the AST?	Yes	No	Unk
B. Were any petroleum odors detected other than inside the tank/piping? If yes, indicate location on site map and describe the odor (strong, mild, etc.)			

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number _____

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected By	OVA#
	No samples were taken.						

* = Depth Below the Surrounding Land Surface

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 1514 was located on a concrete floor inside Building 1514.

XI. RECEPTORS

Yes No

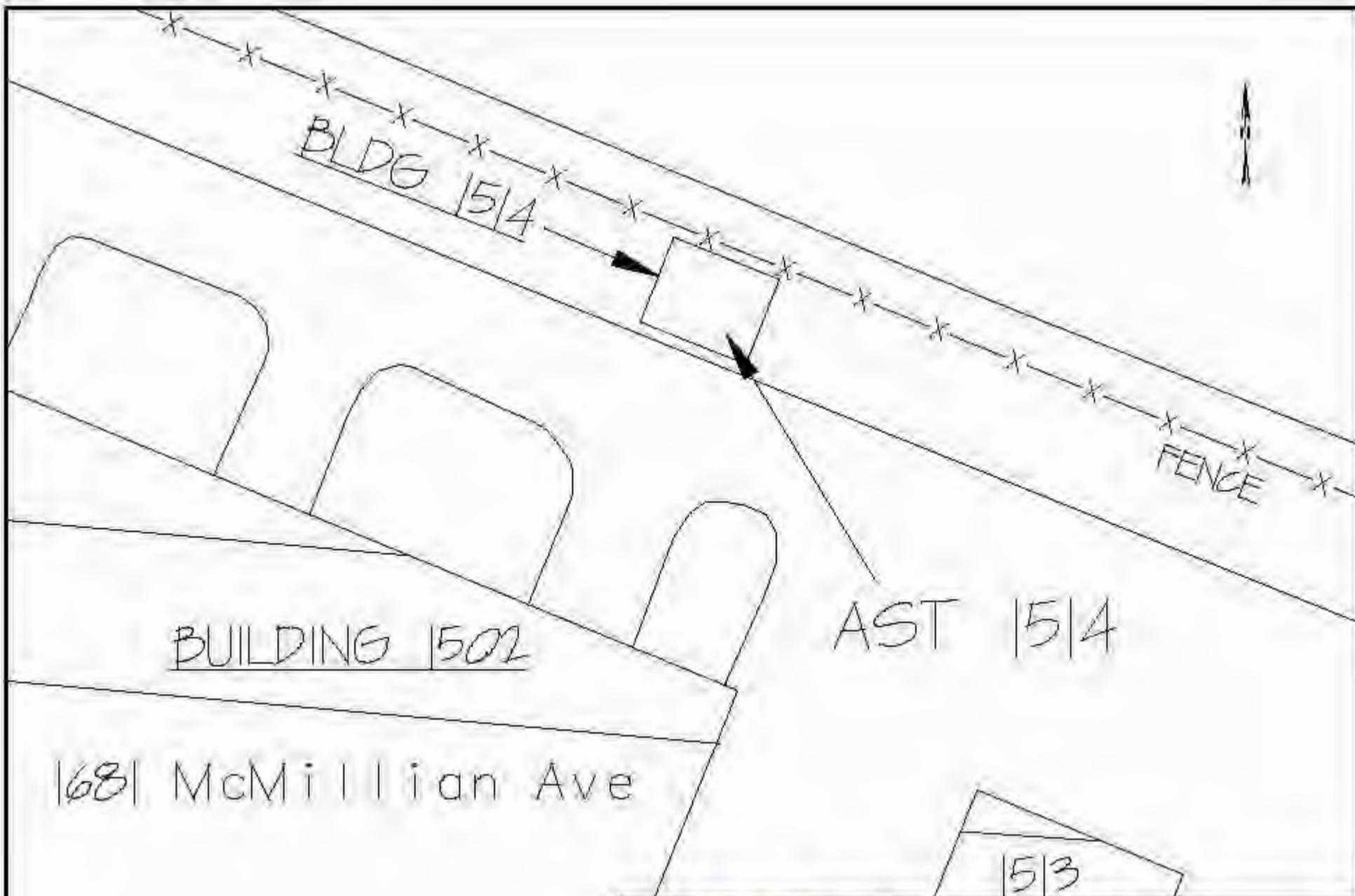
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the AST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the AST system? If yes, indicate type of well, 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 dispenser island locations, labeled sample locations, extent of excavation, and any other pertinent information.

Site Maps 1 and 2
Photographs A, B and C



Environmental Enterprise Group, Inc.
1848 Avenue D
N. Charleston, SC 29405

Site Map 1
AST 1514
Charleston Naval Base
Charleston, SC

DWG DATE: 5 JUN 01

DWG NAME: AST1514_1

BLDG 1514

ENGINE 2



ENGINE 1



CONCRETE



AST 1514



ROLLUP DOOR



GRAPHIC SCALE



Environmental Enterprise Group, Inc.
1849 Avenue D
N. Charleston, SC 29405

Site Map 2
AST 1514
Charleston Naval Base
Charleston, SC

DWG DATE: 5 JUN 01

DWG NAME: AST-1514_2



Photo A – AST 1514 prior to work commencing.



Photo B – Foundation leg fasteners being removed.



Photo C – AST 1514 removed.

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)
Disposal Manifest (hazardous waste)

