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CNC CHARLESTON
5090.3a

UNDERGROUND STORAGE TANK ASSESSMENT (UST) REPORT FOR BUILDING 39 CNC CHARLESTON SC

09/10/1996

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

15405(Gen) Li 5.12.97
Lo 10.20.97

00943

RECEIVED
MAY 07 1997
Groundwater Assessment and Development Section

Aboveground Storage Tank (AST) Assessment Report

Date Received "NFA"

State Use Only

Submit Completed Form to:
AST Regulatory Section
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: 803 Telephone Number: 743-9985 Contact Person: LCDR Paul Rose

II. SITE IDENTIFICATION AND LOCATION

Site I.D. #: Unregulated 00943

Facility Name: Charleston Naval Base Complex, Building 39

Street Address: South Hobson Avenue

City: North Charleston, 29405-2413 County: Charleston

III. CLOSURE INFORMATION

Closure Started: 10 Sept 1996 Closure Completed: 10 Sept 1996

Number of ASTs Closed: 1

N/A — Consultant

SPORTENVDETCHASN — UST Removal Contractor

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

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.

LCDR Paul Rose
Name (Type or Print)

Signature

V. AST INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A. Product	Fuel oil					
B. Capacity	6,500 gal.					
C. Age	Unk.					
D. Construction Material	Steel					
E. Month/Year of Last Use	Unk.					
F. Spill Prevention Equipment Y/N	Y See note 1					
G. Overfill Prevention Equipment Y/N	N					
H. Method of Closure Removed/Filled	R					
I. Visible Corrosion or Pitting Y/N	N					
J. Visible Holes Y/N	N					

Note 1: AST 39L was protected by a cinderblock and concrete berm, which acted as secondary containment.

L. Method of disposal for any ASTs removed.

AST 39L was removed, drained, and cleaned with a steam cleaner. It was then put to reuse by Detachment Charleston as part of the oil/water separator facility at Building 1824.

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

At removal, the tank was empty.

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

AST 39L was in excellent condition. No corrosion, pitting , or holes were found.

VI. PIPING INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
A. Construction Material.....	Steel					
B. Distance from AST to Dispenser.....	6'					
C. Number of Dispensers.....	1					
D. Type of System P/S.....	S					
E. Was Piping Removed Y/N.....	N					
F. Visible Corrosion or Pitting Y/N.....	N					
G. Visible Holes Y/N.....	N					
H. Age.....	Unk.					

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

The piping is above ground, contained within the berm, and partially protected by Building 39, the pump house. No corrosion, pitting, or holes were found in the piping.

VII. BRIEF SITE DESCRIPTION AND HISTORY

AST 39L was a fuel oil storage tank which sat in a concrete berm with its pump house, Building 39. The dispenser manifold for the pump house is outside of Building 39 but still inside the berm. Due to the tank's excellent condition, it was chosen to be utilized as part of Detachment Charleston's oil/water separator facility and moved to Building 1824.

The AST containment berm had a rainwater drain valve vault installed (see Site Map 2). The valve was found in its normally closed position with about ½" of rainwater covering the vault. No evidence of petroleum sheen or staining was noted in the rainwater. Based on the condition of the tank, concrete berm, and rainwater, no samples were taken.

VIII. SITE CONDITIONS

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

IX. SAMPLE INFORMATION

S.C.D.H.E.C. Lab Certification Number 10120

Sample #	Location	Sample Type (Soil/Water)	Depth*	Date/Time of Collection	Collected By	OVA#

* = Depth Below the Surrounding Land Surface

X. SAMPLING METHODOLOGY

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

No samples were taken.

XI. RECEPTORS

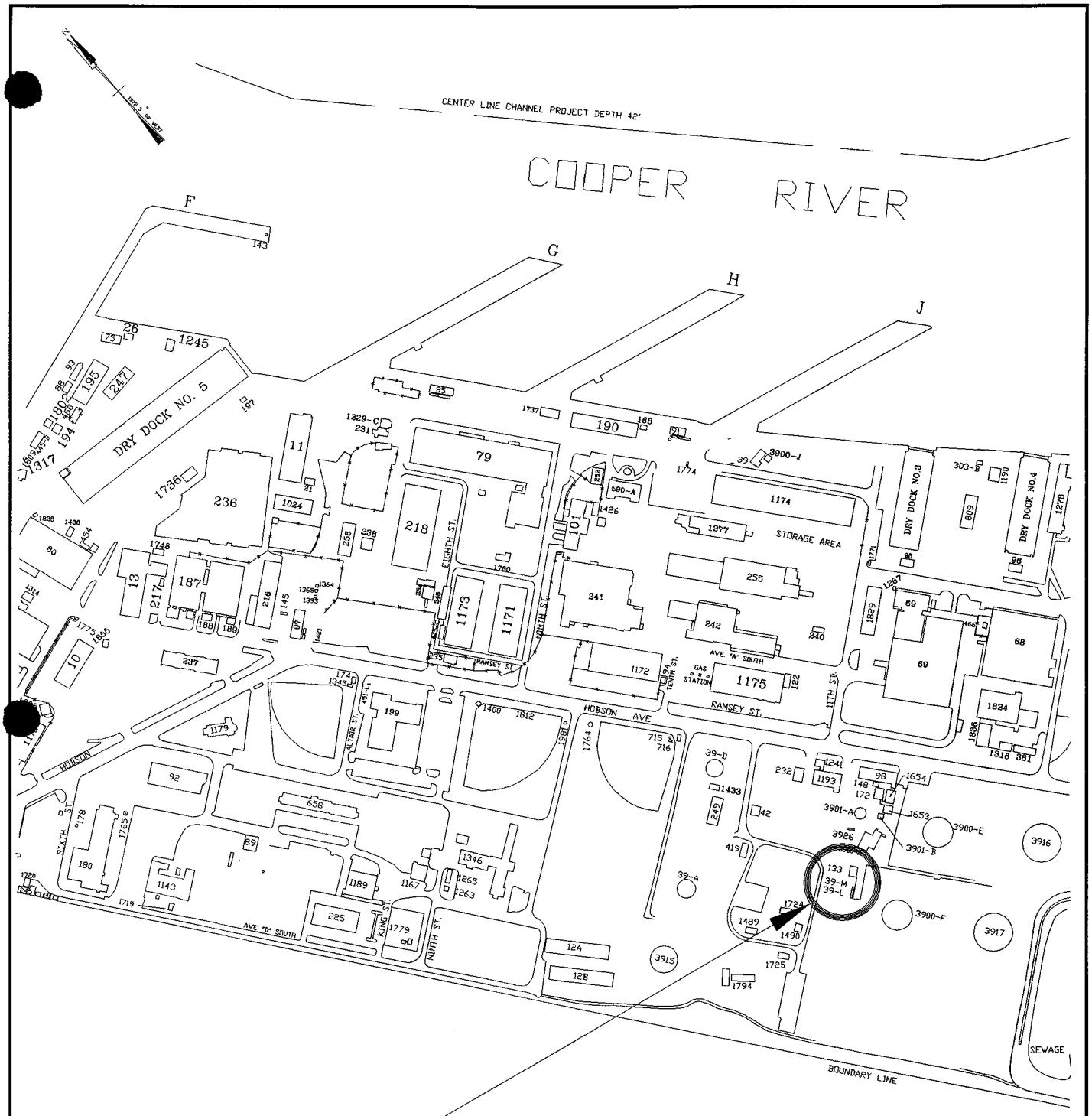
		Yes	No
A.	Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the AST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B.	Are there any public, private, or irrigation water supply wells within 1000 feet of the AST system? If yes, indicate type 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



AST 39L

300' 0 300' 600'

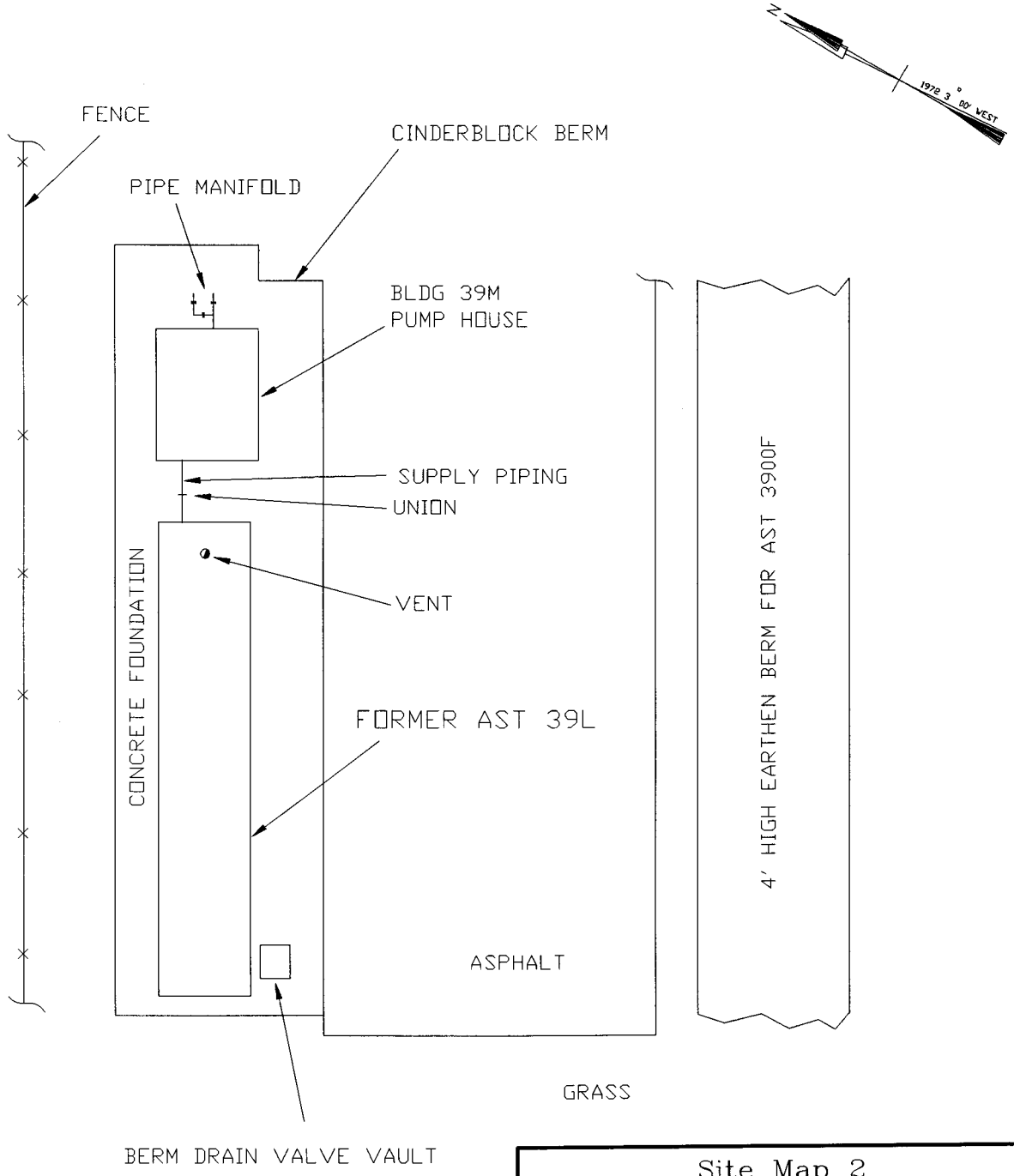
GRAPHIC SCALE

Site Map 1
AST 39L
Charleston Naval Base
Charleston, SC

SPORTENVDETCHASN
1899 North Hobson Avenue
North Charleston, SC 29405-2106

DWG DATE: 2 APR 97

DWG NAME: AST39L_1



12' 0 12'

GRAPHIC SCALE

Site Map 2
AST 39L
Charleston Naval Base
Charleston, SC

SPORTENVDETCHASN
1899 North Hobson Avenue
North Charleston, SC 29405-2106

DWG DATE: 7 APR 97 | DWG NAME: AST39L_2

Attachment II

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.

No samples were taken.