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CNC CHARLESTON  
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ABOVE GROUND STORAGE TANK (AST) CLOSURE REPORT RECEIVED 31 DECEMBER  
2002 FOR BUILDING 200 WITH SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW LETTER CNC CHARLESTON SC  
12/31/2002  
NAVFAC SOUTHERN



31 December 2002

100 Bull Street  
Columbia, SC 29201-1708

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Commander  
NAVFACENGCOM Southern Division  
Attn: Code ES24 (Gabriel Magwood)  
P.O. Box 190010  
North Charleston, SC 29419-9010

Re: CNB – BLDG 200 (50 Gallon AST)  
**Site ID # 02229**  
AST Closure Report received 31 December 2002  
No Further Action  
Charleston County

Dear Mr. Magwood:

The Department has reviewed the referenced report, which documented the closure of a 50-gallon AST that supplied diesel fuel to an emergency generator. This tank is not considered a regulated tank and no environmental sampling was conducted during closure activities.

As the work conducted at this site received no prior review by the Department, we cannot provide any comments on the completeness of the work performed or the overall environmental conditions of the site. Based on the information submitted, there is no evidence to indicate that a violation of the Pollution Control Act has occurred. Consequently, no investigation will be required at this time. Please note, this statement pertains only to the data submitted and does not apply to other areas of the site and/or any other potential regulatory violations. Further, the Department retains the right to request further investigation if deemed necessary.

On all correspondence regarding this site, please reference Site ID # 02229. If you have any questions, please call (803) 898-3553 or contact me via e-mail at [bishopma@dhec.sc.gov](mailto:bishopma@dhec.sc.gov).

Sincerely,

Michael Bishop, Hydrogeologist  
Groundwater Quality Section  
Bureau of Water

Tom Knight, Manager  
Groundwater Quality Section  
Bureau of Water

cc: Trident District EQC  
Jerry Stamps – BLWM  
Brian Crawford, 1849 Ave. F, N. Charleston SC, 29405  
Technical File

02229

RECEIVED

DEC 31 2002

South Carolina Department of Health and Environmental Control (SCDHEC)  
Underground Storage Tank (UST) Assessment Report

Water Monitoring, Assessment & Protection Division

Date Received  
State Use Only

Submit Completed Form To:  
UST Program  
SCDHEC  
2600 Bull Street  
Columbia, South Carolina 29201  
Telephone (803) 896-6240

I. OWNERSHIP OF UST(S)

Naval Facilities Engineering Command, Southern Division  
Owner Name (Corporation, Individual, Public Agency, Other)  
Post Office Box 190010  
Mailing Address  
North Charleston SC 29419-9010  
City State Zip Code  
843 820-7307 Gabriel Magwood  
Area Code Telephone Number Contact Person

II. SITE IDENTIFICATION AND LOCATION

Non-regulated AST  
Permit I.D. #  
Charleston Naval Complex, Building 200 (CSC-2)  
Facility Name or Company Site Identifier  
2231 South Hobson Avenue  
Street Address or State Road (as applicable)  
Charleston Charleston  
City County

III. CLOSURE INFORMATION

July 29, 2002 August 2, 2002 1 AST  
Closure Started Closure Completed Number of USTs Closed  
ADVENT Environmental, Inc. Environmental Enterprise Group  
Consultant UST Removal Contractor

IV. CERTIFICATION (To be signed by the UST owner/operator.)

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.  
Name (Type or print) Amy E. Daniel  
Signature Amy E. Daniel

**V. UST INFORMATION**

- A. Product.....
- B. Capacity.....
- C. Age.....
- D. Construction Material.....
- E. Month/Year of Last Use.....
- F. Depth (ft.) To Base of Tank.....
- G. Spill Prevention Equipment Y/N.....
- H. Overfill Prevention Equipment Y/N.....
- I. Method of Closure Removed/Filled.....
- J. Date Tanks Removed/Filled.....
- K. Visible Corrosion of Pitting Y/N.....
- L. Visible Holes Y/N.....

Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6
Diesel					
50 gallons					
20 years					
Steel					
Unknown					
N/A					
No					
No					
Removed					
Removed					
No					
No					

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)

The tank and supply and return lines were cleaned and cut open.

The tank and lines were disposed of as scrap.

N. Method of disposal for any liquid petroleum, sludges, or waste waters removed from the USTs (attach disposal manifests)

No fuel or sludge was present in the tank. Decontamination liquid was containerized and transported by Melanies Oil Service and disposed of at Water Recovery, 1500 Greenleaf, Charleston, SC.

O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST  
N/A

## VI. PIPING INFORMATION

- A. Construction Material.....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System P/S.....
- E. Was Piping Removed from the Ground? 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	Tank 6
A. Construction Material.....	Steel					
B. Distance from UST to Dispenser.....	20 feet					
C. Number of Dispensers.....	1					
D. Type of System P/S.....	P					
E. Was Piping Removed from the Ground? Y/N	N/A*					
F. Visible Corrosion or Pitting Y/N.....	N					
G. Visible Holes Y/N.....	N					
H. Age.....	20 years					

\*Piping was removed but not underground

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

N/A

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## VII. BRIEF SITE DESCRIPTION AND HISTORY

The AST was used as a day tank to supply diesel fuel for an emergency generator. The AST generator and inner-connected piping were above ground at Bldg 200 on the Charleston Naval Complex.

### VIII. SITE CONDITIONS

Yes No Unk

	Yes	No	Unk
<p>A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate depth and location on the site map.</p>		X	
<p>B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate location on site map and describe the odor (strong, mild, etc.)</p>			N/A
<p>C. Was water present in the UST excavation, soil borings, or trenches?</p> <p>If yes, how far below land surface (indicate location and depth)?</p>			N/A
<p>D. Did contaminated soils remain stockpiled on site after closure?</p> <p>If yes, indicate the stockpile location on the site map.</p> <p>Name of DHEC representative authorizing soil removal:</p>			N/A
<p>E. Was a petroleum sheen or free product detected on any excavation or boring waters?</p> <p>If yes, indicate location and thickness.</p>			N/A

## 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 COLLECTED	DURING	CLOSURE OF	THE AST.	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

\* = Depth Below the Surrounding Land Surface

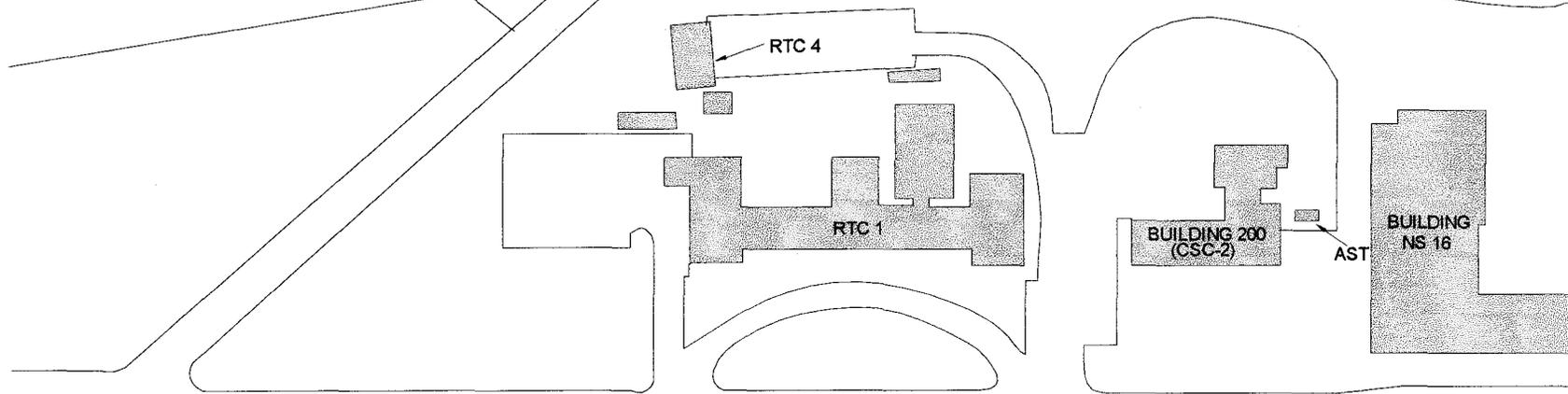


## XI. RECEPTORS

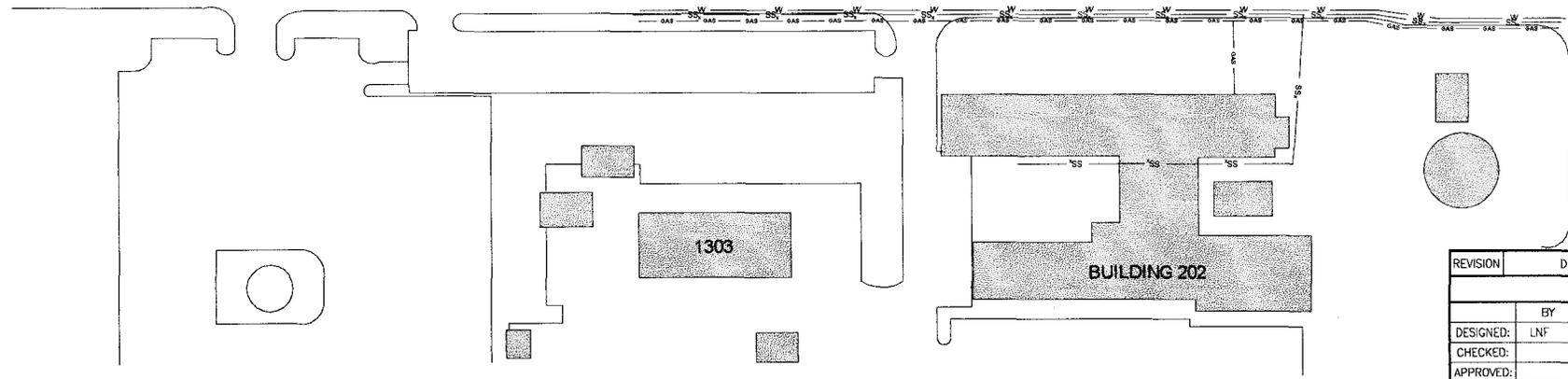
	Yes	No
<p>A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?</p> <p>If yes, indicate type of receptor, distance, and direction on site map.</p>	X	
<p>B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?</p> <p>If yes, indicate type of well, distance, and direction on site map.</p>		X
<p>C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system?</p> <p>If yes, indicate type of structure, distance, and direction on site map.</p>		X
<p>D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination?</p> <p>If yes, indicate the type of utility, distance, and direction on the site map.</p>		X
<p>E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete?</p> <p>If yes, indicate the area of contaminated soil on the site map.</p>		N/A

SOURCE:  
 Base Map Provided By: DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND

COOPER RIVER

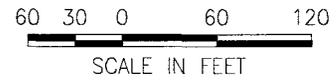


HOBSON AVENUE



**LEGEND**

- GAS — UNDERGROUND GAS MAIN
- SS — UNDERGROUND SEWER MAIN
- W — UNDERGROUND WATER LINE



REVISION	DESCRIPTION	DATE	APPROVED	MADE
REVISIONS				
	BY	DATE	BY	DATE
DESIGNED:	LNF	9/20/02	DRAWN: DDP	9/24/02
CHECKED:			CADD FILE: 02-09-SM-03	
APPROVED:				
PREPARED BY:				
				
PREPARED FOR:				
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND				
BUILDING 200 AST CLOSURE BUILDING LOCATION				
SCALE APPROX.	PROJECT NUMBER	FIGURE NUMBER	REVISION	
	72504	1	-	

Q:\2002 AcadN.CHAS NAVAL BASE\72504\02-09-SM-03.dwg, Layout1, 11/08/2002 11:10:40 AM

# UST Certificate of Disposal

## CONTRACTOR

Environmental Enterprise Group, Inc.  
1345 Barracks Road  
North Charleston, SC 29405

TEL (843) 202-8101  
FAX (843) 202-8001

## TANK ID & LOCATION

AST 200, Building 200, Charleston Naval Complex, Charleston, S.C.

## DISPOSAL LOCATION

Charleston Steel & Metal Co.  
P.O. Box 814  
Charleston, S.C. 29402

### TYPE OF TANK

### SIZE (GAL)

Steel

50

## CLEANING/DISPOSAL METHOD

The tank and piping was removed, cut open, cleaned with a steam cleaner, cut into sections, and recycled.

## DISPOSAL CERTIFICATION

I certify that the above tank, piping and equipment has been properly cleaned and disposed of.

T.R. V. [Signature] 9/25/02  
(Name) (Date)



# MELANIE'S

Oil Services  
EPA# SCR000003541

Manifest # 624

## Non-Hazardous Waste Manifest

PO Box 765  
Summerville, SC 29484-0765

Phone (843) 722-0204  
Fax (843) 821-8057

Waste Shipping Name and Description: Old Naval Base  
Total Quantity \_\_\_\_\_

- a. Waste Petroleum Oil, N.O.S. \_\_\_\_\_ Gallons
- b. Oily Water 10 Gallons
- c. Waste Antifreeze \_\_\_\_\_ Gallons
- d. Waste Filters \_\_\_\_\_ Containers

### Transporter 1 Acknowledgement of Receipt of Materials.

Printed / Typed Name: **Melanie's Environmental Recovery Systems**

Signature MERS

### TSDF Acknowledgement of Receipt of Materials. EPA# \_\_\_\_\_

Company Name Water Recovery Address 1500 Greenville  
Charleston, S.C.

Waste Collected From: Company's Name EEG  
Address N. Charleston, S.C.

**GENERATOR CERTIFICATION:** *Generator warrants that this liquid material is from automotive or industrial use and contains no known chemicals or solvents. It is understood that samples will be analyzed. Should test results show harmful chemicals, EPA will be notified and generator assumes responsibility for any corrective measures.*

Printed / Typed Name \_\_\_\_\_ Month/Day/Year \_\_\_\_\_

Signature [Signature] Date 7/30/02

Total Charges No Charge

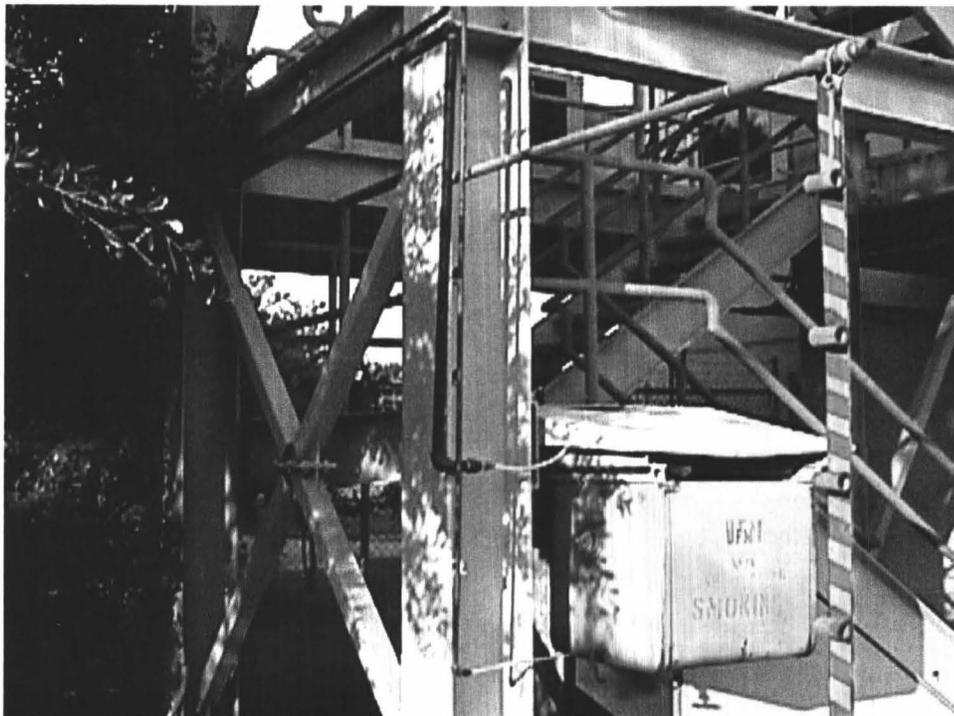
**We appreciate your business. Thank you!**

PHOTOGRAPHS

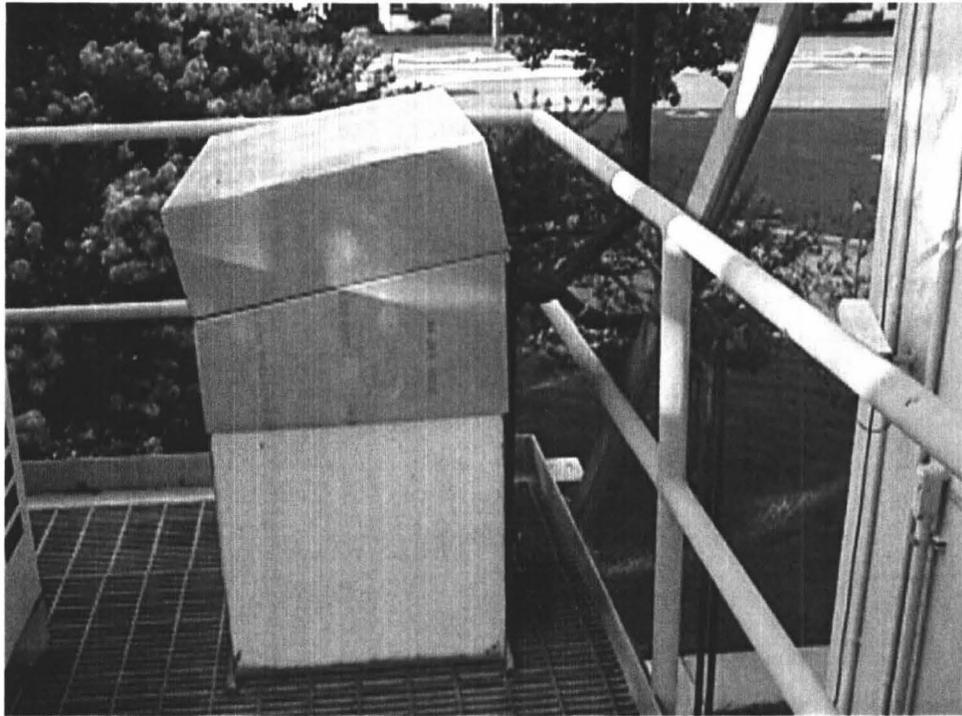




Photograph 1: Front view of day tank at Building 200 (CSC-2).



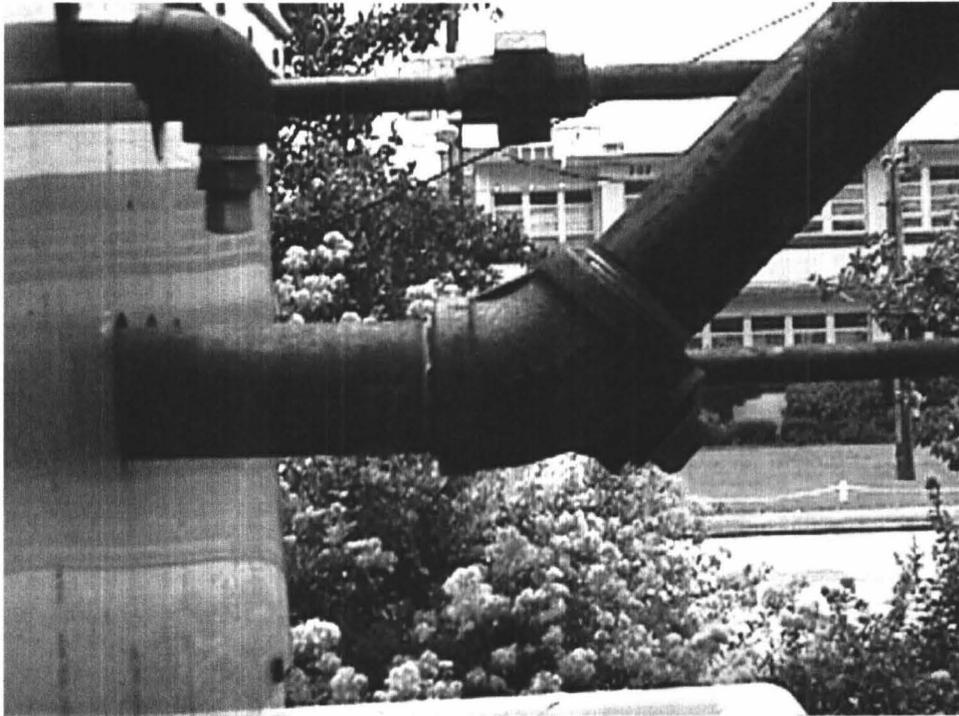
Photograph 2: Oblique view of day tank and supply/return lines at Building 200 (CSC-2).



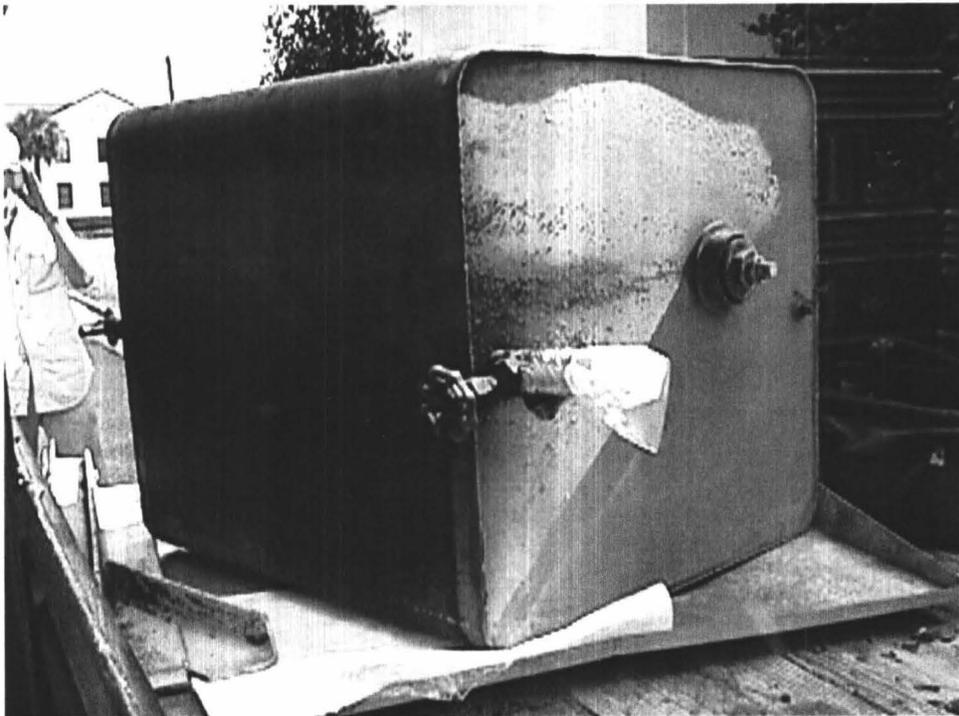
Photograph 3: Generator tank above day tank at Building 200 (CSC-2).



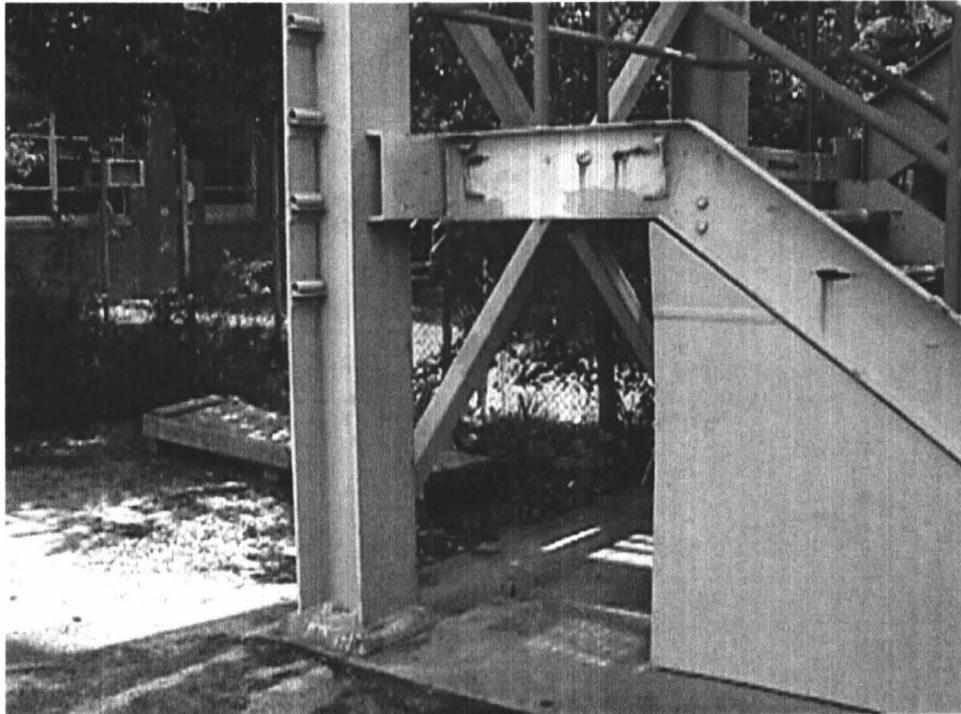
Photograph 4: Removal of supply line and return line.



Photograph 5: Supply and return line after capping.



Photograph 6: Day tank after removal.



Photograph 7: Tower support after AST removal.



Photograph 8: AST after decontamination and cutting.