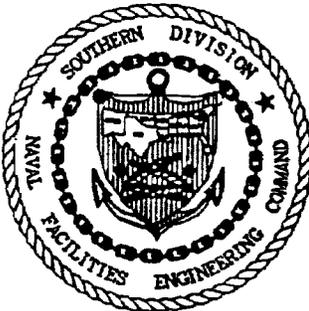
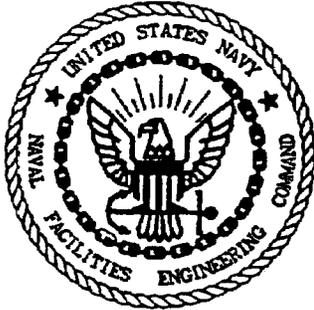


N61165.AR.005605  
CNC CHARLESTON  
5090.3a

SAMPLING AND ANALYSIS PLAN (SAP) UNDERGROUND STORAGE TANK NH1137-2  
(UST NH1137-2) CNC CHARLESTON SC  
08/08/1997  
ENVIRONMENTAL DETACHMENT CHARLESTON

L 9.24.97  
Lo 10.13.97

Letter 10.14 ✓



**SAMPLING AND  
ANALYSIS PLAN**

**UST NH1137-2  
(SCDHEC GWPD Site ID # 17754)  
NAVAL BASE CHARLESTON  
CHARLESTON SC**

Prepared for:

**DEPARTMENT OF THE NAVY  
SOUTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
CHARLESTON SC**



Prepared by:

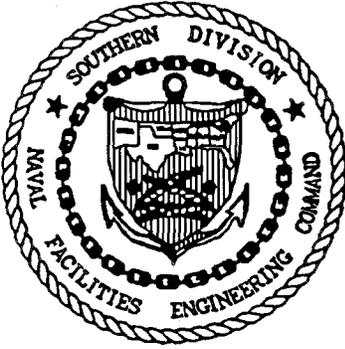
**Supervisor of Shipbuilding, Conversion and Repair,  
USN, (SUPSHIP) Portsmouth Va.,  
Environmental Detachment Charleston, S.C.  
1899 North Hobson Ave.  
North Charleston, SC 29405-2106**

August 8, 1997

**RECEIVED**

AUG 29 1997

Groundwater Assessment  
and Development



## FORWARD

Subtitle I of the Hazardous and Solid Waste Amendments (HSWA) of 1984 to the Solid Waste Disposal Act (SWDA) of 1965 established a national regulatory program for managing underground storage tanks (UST) containing hazardous materials, especially petroleum products. Hazardous wastes stored in USTs were already regulated under the Resource Conservation and Recovery Act (RCRA) of 1976, which was also an amendment to the SWDA. Subtitle I requires that the U.S. Environmental Protection Agency (USEPA) promulgate UST regulations. The program was designed to be administered by the individual states, who were allowed to develop more stringent standards, but not less stringent standards. Local governments were permitted to establish regulatory programs and standards that are more stringent, but not less stringent than either State or Federal regulations. The USEPA UST regulations are found in the Code of Federal Regulations, Title 40, Part 280 (40 CFR 280) (*Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks*) and Title 40 CFR 281 (*Approval of State Underground Storage Tank Programs*). Title 40 CFR 281 was revised and published on September 23, 1988, and became effective December 22, 1988.

The Navy's UST program policy is to comply with all Federal, State, and local regulations pertaining to USTs. This plan was prepared to satisfy the requirements of South Carolina R.61-92, Part 280 (*Underground Storage Tank Control Regulations*), Section 280.65 to determine the extent and location of soils contaminated by a release from a UST system.

## CONTENTS

1.0	INTRODUCTION	1-1
1.1	GENERAL	1-1
1.2	USE OF RFI DATA	1-1
2.0	BACKGROUND	2-1
2.1	SITE DESCRIPTION	2-1
2.2	SITE HISTORY	2-1
2.3	GEOLOGY	2-1
2.4	HYDROGEOLOGY.	2-2
	2.4.1 Regional	2-2
	2.4.2 Site Specific	2-2
3.0	INVENTORY OF PROXIMATE POTABLE WATER WELLS	3-1
4.0	BACKGROUND	4-1
4.1	FIELD INVESTIGATION.	4-1
4.2	PREPARATION OF REPORTS	4-2
5.0	SCHEDULE	5-1

## FIGURES

2-1	UST at NH1137 Site Map	2-3
2-2	Former UST NH1137-2 Site	2-4
2-3	Removal Samples - UST NH1137-2	2-5
4-1	Proposed Sample Map - UST NH1137-2	4-3
5-1	Proposed Schedule	5-2

## ACRONYMS, ABBREVIATIONS AND SYMBOLS

bgs	below the ground surface
BTEX+ Naphthalene	Benzene, Toluene, Ethylbenzene and Xylene plus Naphthalene
CFR	Code of Federal Regulations
CIA	Controlled Industrial Area
COC	Chemical of Concern
CSAP	Comprehensive Sampling and Analysis Plan
DET	Environmental Detachment Charleston
ft/day	feet per day
ft <sup>2</sup> /day	square feet per day
gpm	gallons per minute
GWPD	Ground Water Protection Division
HAZWOPER	Hazardous Waste Operations and Emergency Response
HSWA	Hazardous and Solid Waste Amendments
IDW	Investigation Derived Wastes
MSDS	Material Safety Data Sheet
NAVBASE	former Charleston Naval Base
PAH	Polynuclear Aromatic Hydrocarbon
RBCA	Risk-Based Corrective Action for Petroleum Releases
RBSL	Risk Based Screening Levels
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SAP	Sampling and Analysis Plan
SCDHEC	South Carolina Department of Health and Environmental Control
SOPQAM	Standard Operating Procedures and Quality Assurance Manual
SOUTHDIV	Southern Division Naval Facilities Engineering Command
SSHSP	Site Specific Health and Safety Plan
SWDA	Solid Waste Disposal Act
USEPA	U.S. Environmental Protection Agency
UST	Underground Storage Tanks

## **1.0 INTRODUCTION**

**1.1 GENERAL.** A UST located beside the former Charleston Naval Base Building NH1137 (refer to Figures 2-1 thru 2-3) was removed by Environmental Detachment Charleston (DET). Soil samples collected during removal of the UST contained Polynuclear Aromatic Hydrocarbons (PAHs). A groundwater sample taken at the same time contained PAH contamination in excess of South Carolina Department of Health and Environmental Control (SCDHEC) Risk-Based Corrective Action for Petroleum Releases (RBCA) Risked Based Screening Levels (RBSLs). The Sampling and Analysis Plan (SAP) outlines a field investigation and sampling program that will assess the source(s) of soil contamination at the site of the removed tank and evaluate the horizontal and vertical extent of the petroleum contamination detected. The field investigation will also determine the extent of groundwater contamination at the former UST NH1137-2 site. The following report presents the site location and develops the rationale for the proposed field investigation.

**1.2 USE OF RFI DATA.** The former Charleston Naval Base is the site of an ongoing RCRA Facility Investigation (RFI). UST NH1137-2 was formerly located in Zone C of the RFI. Data taken as part of the RFI, including geological information, hydrogeological information, well drilling logs and groundwater sampling data was used in the preparation of this SAP.

## **2.0 BACKGROUND**

**2.1 SITE DESCRIPTION.** The former Charleston Naval Base (NAVBASE) is in the city of North Charleston, on the west bank of the Cooper River in Charleston County, South Carolina. The developed portion of the NAVBASE occupies the west bank of the Cooper River starting at a boundary 2300 feet upstream of Noisette Creek and ending at Shipyard Creek. The northern section of the NAVBASE (RFI Zones A, B, C and D) contains a mixture of warehouses, offices and former Navy housing areas. The central section of the NAVBASE (RFI Zones E and F) is occupied primarily by what was the controlled industrial area (CIA) of the former Naval shipyard and its associated offices and warehouses. The southern section of the NAVBASE (RFI Zones G, H and I) along the Cooper River is occupied by piers, barracks, training buildings, offices, storehouses and fuel tanks which formerly supported naval vessels homeported at Charleston. The north bank of Shipyard Creek in the southern part of the base is largely undeveloped and consists of recreational areas and a large dredge spoil area.

The removed UST supplied fuel oil to Building NH1137 boiler house. Building NH1137 is located in the northern section of the NAVBASE on Turnbull Avenue just west of Avenue D. NH1137 was originally a hospital ward. Prior to base closure half of the building was used to store non-hazardous materials by Morale, Welfare, and Recreation and the other half was administrative offices.

**2.2 SITE HISTORY.** UST NH1137-2, Ground Water Protection Division (GWPD) Site Identification Number 17754, was a 1,000 gallon unregulated fuel oil tank constructed of steel. UST NH1137-2 was installed in 1940 and used until an unknown date. Between 2 August 1996 and 19 August 1996, the UST was removed, drained, cleaned and cut up for recycling as scrap. The piping associated with this tank was also removed. Residual fuel oil, waste water, and sludge removed from the UST were recycled.

There were no recorded releases while the tank was in service. However, when the tank was removed 3 holes approximately 1" in diameter were found in the tank body. The UST ventilation and supply lines were found disconnected from the tank. The supply line had been partially removed and abandoned in place and had numerous holes throughout its entire length. A strong petroleum odor was characteristic of soils throughout the excavation. Groundwater, 1 foot deep, with a petroleum product film on it was present in the excavation. Angular rock was used to fill the area covered by the groundwater. Geofabric was laid over the rock and then all soil from the excavation was returned to the tank pit. The petroleum product film was absorbed from the groundwater prior to backfilling the tank pit.

**2.3 GEOLOGY.** Charleston South Carolina is located in the southern Atlantic Coastal Plain. The surficial geology of the region consists of the Quaternary-age sands, silts and clays of the Wando Formation. Below the Wando Formation are the Oligocene-age Ashley Formation and the Eocene-age Parkers Ferry and Harleyville Formations, known collectively as the Cooper Group. Below the Cooper Group is the Eocene-age Santee Limestone.

At the NAVBASE, the upper surface of the Ashley Formation is an erosional surface ranging from 35 feet to 77 feet below the ground surface (bgs). Overlaying the Ashley Formation is the Wando Formation which at the NAVBASE typically consists of upper and lower sand layers divided by a layer of "marsh clay". The surface contours of the NAVBASE area were extensively changed by fill operations during the base's life, particularly in the lower portion of the NAVBASE, which was originally tidal marsh.

## **2.4 HYDROGEOLOGY.**

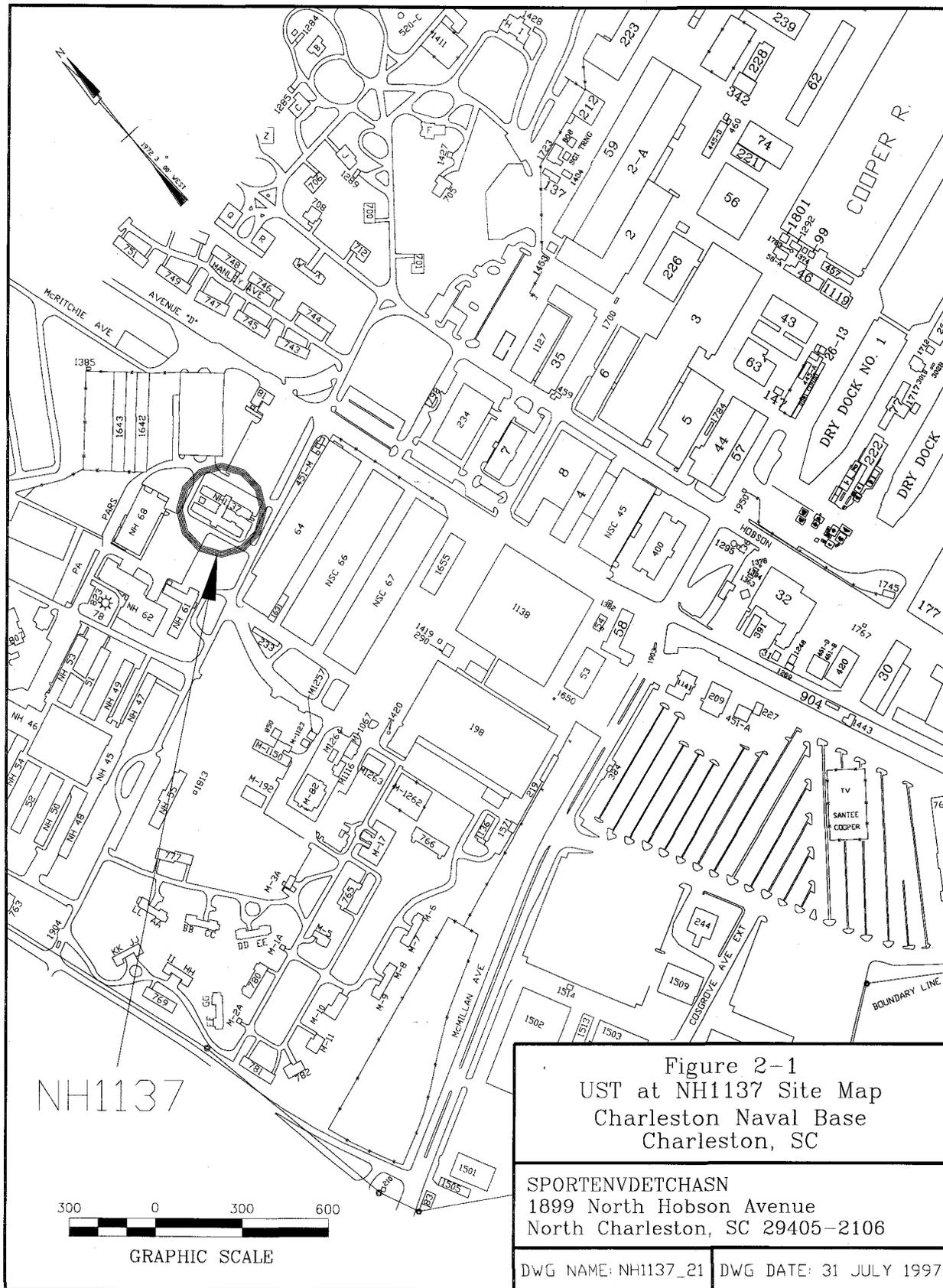
**2.4.1 Regional.** (Excerpted from Ensafe/Allen & Hoshall, Draft Zone I RFI Report NAVBASE Charleston dated January 1996.) Groundwater occurs under poorly confined or water table conditions within the Pleistocene deposits overlying the Ashley Formation. Transmissivities in the Pleistocene aquifer are generally less than 1,000 square feet per day (ft<sup>2</sup>/day) and well yields are variable, ranging from 0 to 200 gallons per minute (gpm). This groundwater contains high concentrations of iron and is commonly acidic at shallow depth (Park, 1985).

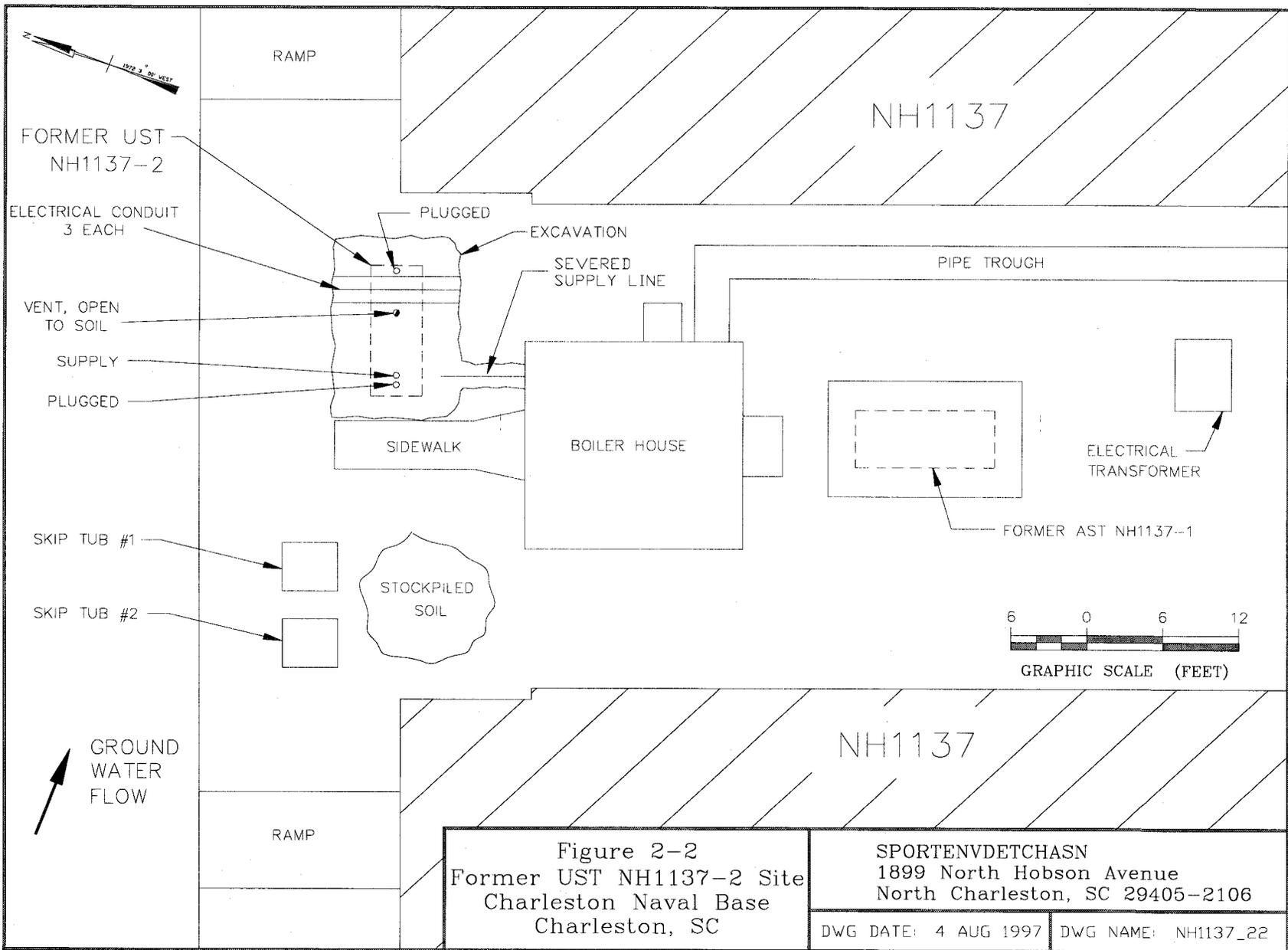
The Cooper Group is hydrogeologically significant mainly because of its low permeability. In most locales, its sandy, finely granular limestones produce little or no water and act as confining material that produces artesian conditions in the underlying Santee Limestone.

**2.4.2 Site Specific.** Typically, above the Ashley Formation at the entire NAVBASE are two sand layers divided by a clay layer described as "marsh clay" in the RFI reports. The vertical hydraulic conductivity of the Ashley Formation beneath the NAVBASE is 0.0027 feet per day (ft/day), based on measurements taken during the Zone H RFI. The vertical hydraulic conductivity of the marsh clay layer is 0.001 ft/day, based on measurements taken during the Zone I RFI. The Ashley Formation acts as a lower confining layer, while the marsh clay functions as an aquitard separating the upper and lower sand layers. At the NAVBASE, rainwater absorbed into the ground will flow downward to the marsh clay and then flow toward a discharge point into a body of surface water.

Parts of the southern portion of the NAVBASE are drained by Shipyard Creek while some northern areas are drained by Noisette Creek. The drainage basins of both waterways include areas other than the NAVBASE. These waterways are tributaries of the Cooper River. Surface drainage over the remainder of the NAVBASE flows directly into the Cooper River, which discharges into Charleston Harbor.

The former UST NH1137-2 site is located in the northern section of the NAVBASE in Zone C. Based on potentiometric maps included in the draft Zone C RFI Report dated January, 1996, groundwater beneath the UST location flows east toward the Cooper River. From the drilling logs for nearby monitoring wells, the depth to groundwater is estimated to be 5 to 6 feet bgs.





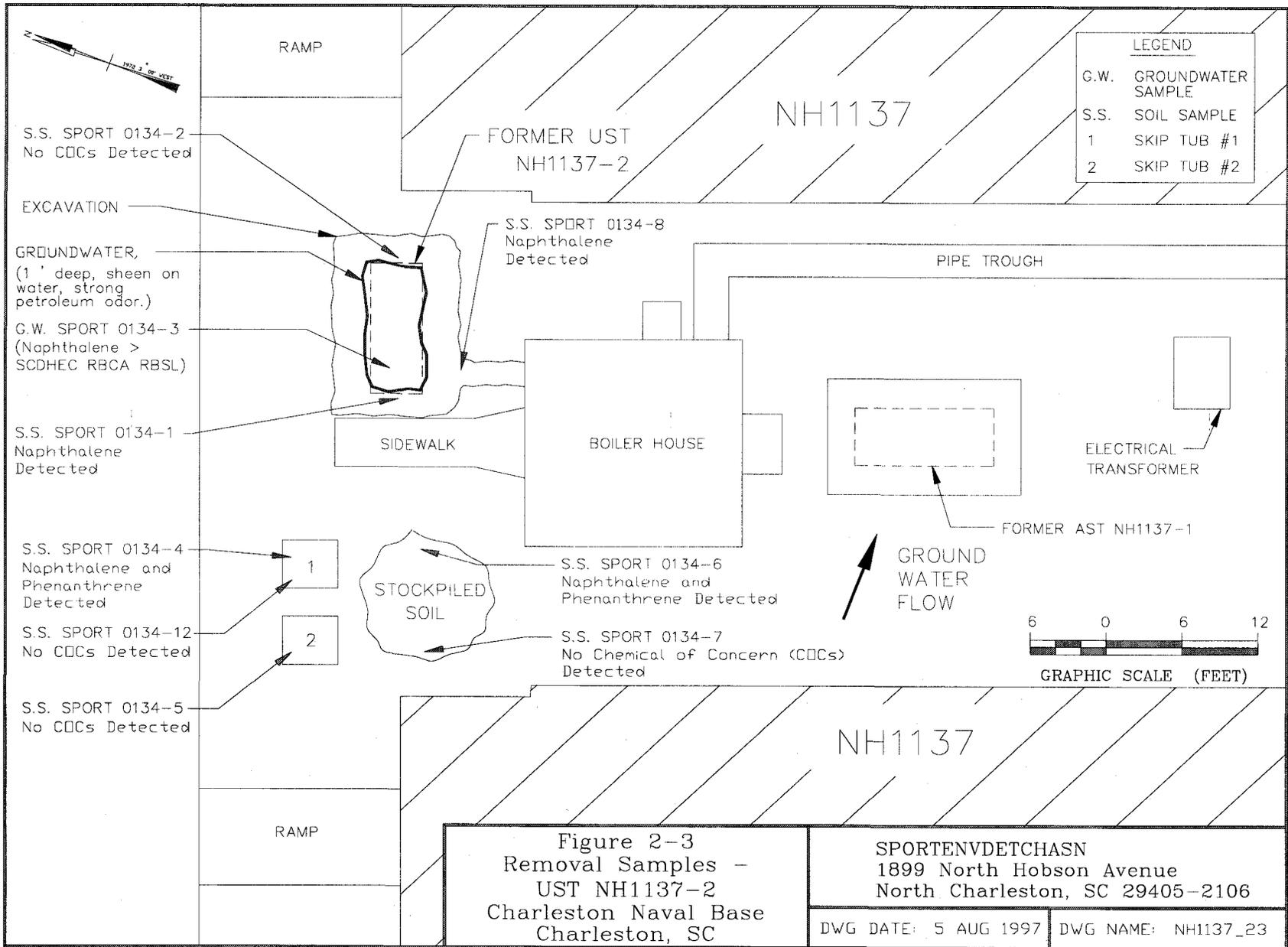
2-4

Figure 2-2  
 Former UST NH1137-2 Site  
 Charleston Naval Base  
 Charleston, SC

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

DWG DATE: 4 AUG 1997

DWG NAME: NH1137\_22



2-5

### **3.0 INVENTORY OF PROXIMATE POTABLE WATER WELLS**

There are no potable water wells on the NAVBASE. Groundwater in the surficial aquifer at the NAVBASE discharges into the Cooper River and its tributaries and so flows away from any potable water wells in residential areas nearby.

## 4.0 BACKGROUND

**4.1 FIELD INVESTIGATION.** Prior to the beginning of the field investigation, a pre-work briefing will be held. All DET personnel associated with the investigation will review the scope of work in the SAP and the Site Specific Health and Safety Plan (SSHSP). Scheduling, logistics and special precautions will be discussed.

The purpose of the field investigation is threefold. The first objective is to determine the horizontal and vertical extent of soil contamination at the site from PAHs. The second objective is to determine the areal extent of the PAH contaminant plume in groundwater and install monitoring wells to detect plume movement off the site. The final objective is to collect site-specific background information required to prepare the contamination assessment report.

A minimum of 11 soil borings will be made, of which 3 will be completed as temporary monitoring wells (see Figure 4-1). The borings completed as monitoring wells will be advanced using a portable drill rig and soil samples will be collected using a split-spoon sampling device. Remaining soil borings will be advanced with a hand auger. In all soil borings, samples will be collected in 2-foot intervals until the water table is reached. Water samples will be taken from all temporary monitoring wells. All sampling will be performed in accordance with the Naval Base Charleston RFI Comprehensive Sampling and Analysis Plan (CSAP). Soil samples will be analyzed for PAHs and Benzene, Toluene, Ethylbenzene and Xylene plus Naphthalene (BTEX + Naphthalene). Groundwater samples will be analyzed for PAH contaminants. All monitoring wells will be installed in accordance with South Carolina R. 61-71, *Well Standards and Regulations*. The proposed soil boring locations are shown in Figure 4-1. Actual locations of soil borings will be determined by the field team as more information is obtained about the contaminant plume during soil sampling.

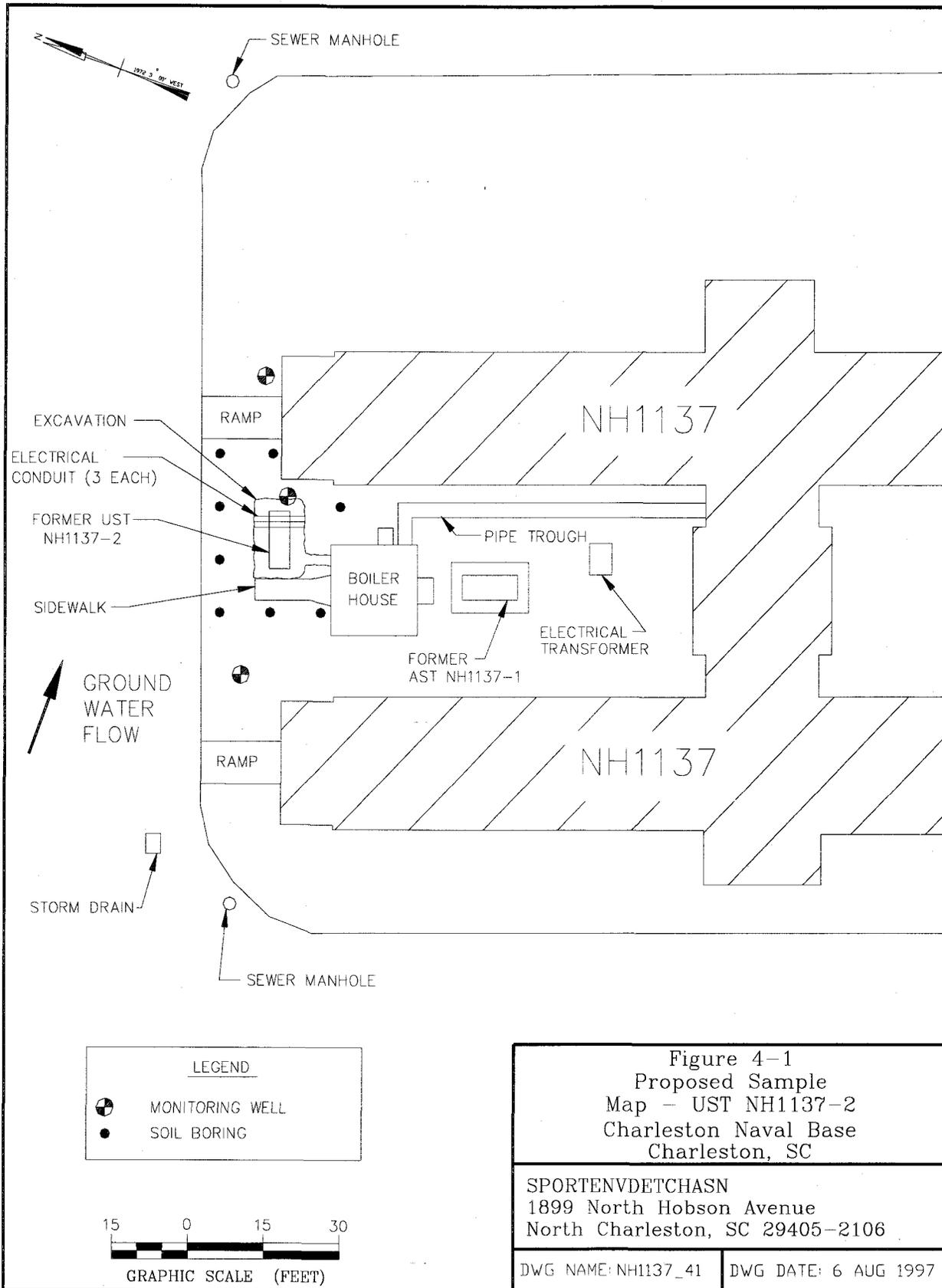
Where the initial 11 soil borings are not sufficient to define the extent of the plume, SCDHEC will be notified that the sampling grid needs to be extended in those directions where the plume is undefined. Any additional soil borings will be advanced using the same methods as the initial borings.

Once the extent of soil and groundwater contamination has been determined, a background soil boring will be made in nearby uncontaminated soil.

Detailed information including lithologic descriptions, split-spoon samples, groundwater elevations and other pertinent data for each monitoring well will be presented in the Assessment Report. Soil will be classified in accordance with the unified Soil Classification System.

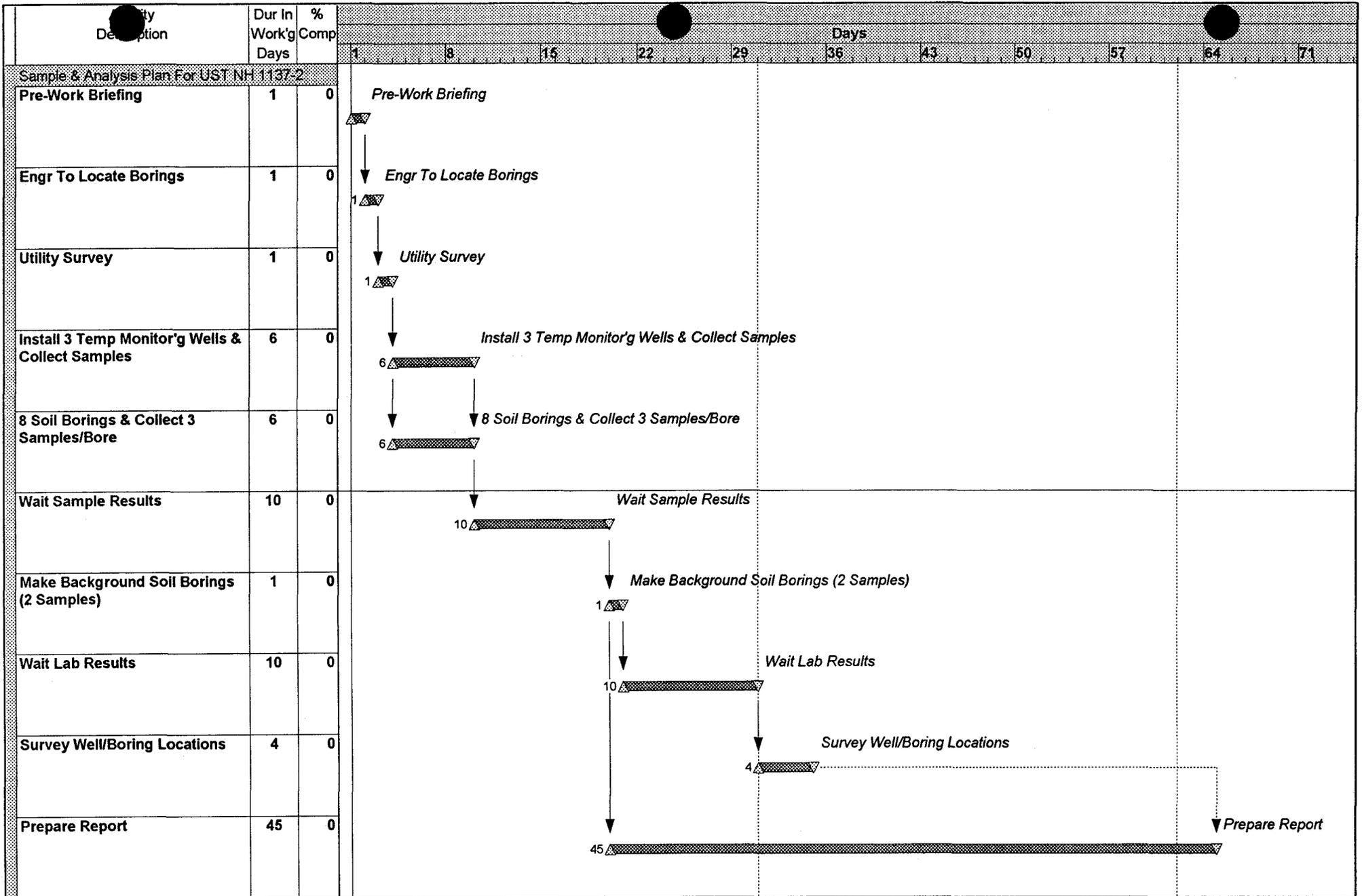
All wastes shall be disposed of in accordance with the Investigation Derived Waste (IDW) procedures included in Section 16 of the RFI CSAP.

**4.2 PREPARATION OF REPORTS.** After completion of the field investigation, an assessment report will be prepared and submitted to Southern Division Naval Facilities Engineering Command (SOUTHDIV) for review and approval. The report will discuss site background information, site conditions, findings and recommendations for the former UST 1137-2 site. Recommendations will also be made as to the need for any follow-up investigations. Site location maps, locations of soil borings and soil contamination delineation maps will be included with the report.



## **5.0 SCHEDULE**

A projected schedule to complete the SAP field investigation at the former UST NH1137-2 site is approximately five weeks (see Figure 5-1). This includes mobilization, drilling, sampling, surveying and demobilization. An Assessment Report for the site is scheduled for delivery within 45 days after completion of field investigation.



Project Start 01-APR-06  
 Project Finish 28-OCT-07  
 Data Date 01-APR-06  
 Plot Date 07-AUG-07

Early Bar  
 Progress Bar  
 Critical Activity

**Sample & Analysis Plan For NH 1137-2**  
**Figure 5-1**      **Page 5-2**  
**Environmental Detachment Charleston**

Sheet 1 of 1



## REFERENCES

Ensafe/Allen & Hoshall, Final Comprehensive Sampling and Analysis Plan (CSAP) RCRA Facility Investigation dated August 30, 1994

Ensafe/Allen & Hoshall, Draft Zone C RCRA Facility Investigation Report NAVBASE Charleston dated January 1996

Ensafe/Allen & Hoshall, Draft Zone I RCRA Facility Investigation Report NAVBASE Charleston dated January 1996

Ensafe/Allen & Hoshall, Final RCRA Facility Investigation Report for Zone H Naval Base Charleston dated July 5, 1996

SCDHEC Underground Storage Tank Assessment Guidelines for Permanent Closure, Change-in Owner and Change-in-Service dated June 1995

SCDHEC Risk-Based Corrective Action for Petroleum Releases

South Carolina R. 61-71 South Carolina Well Regulations and Standards

SUPSHIP Portsmouth Va., Environmental Detachment Charleston, Base Realignment and Closure Tank Management Plan

United States Environmental Protection Agency (USEPA) Environmental Services Division *Standard Operating Procedures and Quality Assurance Manual (SOPQAM)*

## **SITE SPECIFIC HEALTH AND SAFETY PLAN**

### **1.0 Purpose**

This plan provides supplemental site specific information and is to be used with the Detachment Comprehensive Health and Safety Plan.

### **2.0 Work Location**

Former petroleum oil underground storage tank locations.

### **3.0 Work Scope Brief (refer to the work document for full details)**

The work scope is to perform a sampling program that will evaluate the horizontal and vertical extent of petroleum contamination in soil and determine the extent of ground water contamination.

### **4.0 Hazards**

The primary health hazard is from petroleum oils which are a primary irritant. Dermatitis, a defatting of the skin, can result from continued skin contact. Some individuals develop hypersensitivity.

Safety hazards include the personal injury hazards of heavy equipment operation, and the dangers of underground and above ground utility installations.

### **5.0 Personal Protective Equipment**

Gloves and coveralls (either tyvek or cloth). If oil soaked soil is encountered, shoe covers or boots should be worn. At the employee's option an organic vapor respirator maybe worn, although it is not required.

### **6.0 Special Personnel Training Qualifications**

Hazwoper training.

## **7.0 Occupational Safety and Health Precautions**

Prior to the start of work the area must be checked for the presence of above or below ground utilities, and they must be marked and secured by lockout tagout if they will be endangered. Follow the detachment policy and procedures for location and evaluation of these utilities.

Wash hands before eating or smoking.

If work requires entry into a confined space, contact the project engineer for additional instructions, as a confined space entry permit and gas testing may be required.

Work that involves sewage exposure (e.g. standing sewage liquid or broken sewer pipes), will require the use of workers who are in the NavHospChasn C5 medical surveillance program. These workers shall avoid skin exposure by using appropriate protective equipment such as aprons, tyvek suits, boots, and latex or plastic gloves worn under heavier protective gloves. If splashing is a hazard, wear face shields over goggles. Sewage wetted clothing should be removed promptly and the person should then wash with soap and water. Wet clothing should be bagged and then washed separately with hot soap and water and one cup of bleach per wash load. Sewage contaminated equipment should be washed with soap, water, and bleach. Wash hands and face after any contact or sewage work and prior to eating, smoking or going home.

Sewage work also has a risk of fire, explosion, and oxygen deficiency due to the possibility of gases. Cutting of sewer pipes, or the repair of accidentally damaged pipes, should be done only after an assessment of the work by the team leader or project engineer. Typically, gas testing and the use of a confined space entry permit will be required.

## **8.0 Material Safety Data Sheets**

A typical Material Safety Data Sheet (MSDS) for fuel oil is included as part of the official folder.

## **9.0 Medical Surveillance**

Hazardous waste worker, (B27,711). This code refers to a NAVHOSPCHASN Medical Surveillance Classification.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 4  
ATLANTA FEDERAL CENTER  
100 ALABAMA STREET, S.W.  
ATLANTA, GEORGIA 30303-3104

Li 1-28-00  
LO 1-28-00

*Memo to Mr. Hunt*

January 7, 2000

4WD-FFB

Mr. M. A. Hunt  
BRAC Environmental Coordinator  
Code 18B1  
Southern Division, NAVFAC  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010

SUBJ: Comments on the Finding of Suitability to Transfer and Environmental Baseline Survey for Transfer, EDC Phase 1, Charleston Naval Complex Charleston, South Carolina

Dear Mr. Hunt:

The Environmental Protection Agency, Region 4 (EPA) has reviewed the Finding of Suitability to Transfer, (hereinafter, "FOST"), and Environmental Baseline Survey for Transfer, ("EBST") for Economic Development Conveyence, Phase 1 ("EDC1"), Charleston Naval Complex, Charleston, South Carolina. The property will be transferred to the Charleston Naval Complex Redevelopment Authority to be used for various commercial purposes. Review of this request was conducted under Public law 102-426 [H.R. 4016] Community Environmental Response Facilitation Act (CERFA) of October 19, 1992, as it amends CERCLA 120(h).

CERFA requires that the facility fully comport with all the indicated minimum review of sources of information, as identified in CERCLA 120(h)(4)(A)(i-vii):

- (1) a detailed search of Federal Government records;
- (2) search recorded chain of title documents;
- (3) view aerial photographs which may reflect prior uses of the property;
- (4) a visual inspection of the property;
- (5) a physical inspection of adjacent properties;

(6) review reasonably obtainable government records (Federal, state and local) of adjacent properties;

(7) interview present and former employees involved in operations concerning the property;

Please find additional comments attached. If you have any questions, please call me at 404.562.8552.

Dann J. Spariosu, Ph.D.



Remedial Project Manager

Attachment

cc: Ann Clark, SCDHEC  
Mihir Mehta, SCDHEC

## EDC Phase 1 Comments

1. Is NS-35, as listed in the draft FOST, the same parcel as 35, as listed on Table 7-1? Please clarify.
2. It is unclear whether Parcel 1221 is one parcel or two since a second Parcel 1221A is listed inconsistently in the draft EBS. For example, Parcel 1221A is not listed in Table 5-1, Table 5-2, Table 5-3, Table 5-4, Table 5-7, Table 5-11, Table 5-14, Table 5-15, and Table 7-1, but it is listed in Table 5-5, Table 5-6, Table 5-8, Table 5-9, Table 5-10, Table 5-12, Table 5-13, Table 5-16. Please clarify the apparent inconsistency.
3. The table contained in the Executive Summary of the EBS indicates that numerous parcels have petroleum releases or have had historical releases of hazardous substances, since remediated. However, the EBS does not state whether the remediation was complete or whether the remediation was sufficient to support the proposed land use. The EBS does not contain sufficient documentation as to the releases or the remediation conducted to address those releases. Without this documentation, EPA is unable to determine whether the property is ready for transfer to a 3<sup>rd</sup> party for unrestricted use. Our concern is further highlighted by the EBS's reference to an ongoing RCRA Facility Investigation at unspecified parcels, suggesting that remediation is incomplete and may not even have been initiated.

With respect to each parcel selected for transfer under Phase I, the draft EBS should state explicitly whether the parcel had a historical release, the nature of the release, whether the release required remediation and if so, the type of remediation conducted (removal, pump and treat, etc), and whether the remediation is complete. Please revise the FOST and EBS to address this comment.

Additionally, the FOST should reference the reuse plan in addition to the EBS as one of the sources upon which the FOST decision is based.

4. For each parcel proposed for transfer, state whether the facility seeks transfer under CERCLA §120(h)(3) or §120(h)(4).
5. Revise Subsection A of Section 4.0 entitled Environmental Findings to explicitly state whether the parcels proposed for transfer have had a historical release and whether remediation of the release, if necessary, is complete and is sufficient to support the proposed reuse of the parcel. All findings must be supported by adequate documentation in the EBS, as requested in Item 3 above.
6. The Table 5-5 of the EBS provides an inventory of underground storage tanks. However, the table is incomplete in that it does not state whether a release has occurred from each individual tank, and if so, whether remediation of the release is complete. Statements that

"no visible evidence of the UST was noted" are not sufficient since the UST may remain in place underground although above ground piping associated with the UST has been removed. Unless successful removal of the tank and completion of any necessary remediation can be documented, sampling should be conducted to confirm that no hazardous substances or petroleum remain in the soil or groundwater at levels above that necessary to protect human health and the environment based on the intended land use. The EBS findings should likewise be documented in Subsection B of Section 4.0 of the FOST.

7. Table 5-6 which inventories above ground storage tanks indicates that light staining was associated with Facility Number 1514, Pumping Station. No further information concerning this release was provided. Has the facility determined whether hazardous substance or petroleum concentrations in the release are at or below levels necessary to protect human health and the environment based on the intended land use. If so, please affirmatively state in the EBS
8. Table 5-7 inventories oil/water separators. A catch basin and sump are associated with Facility Number 513, the Railroad Track Scales. Although the table indicates that the facility is no longer in use, the table contains no information concerning the release history of the catch basin or sump. State whether these units have ever had a historical release and if so, the status of remediation of the release.
9. Buildings located on the parcels proposed for transfer contain asbestos-containing material. Please provide a copy of the notice that will be provided to prospective land purchasers to alert them as to the presence of this material.
10. Buildings located on parcels proposed for transfer contain lead paint. Please provide a copy of the notice that will be provided to prospective land purchasers to alert them as to the presence of this material.
11. Charleston Naval Station is subject to jurisdiction under the Resource Conservation and Recovery Act (RCRA). The facility once operated under a RCRA/HSWA permit. The base RCRA permit has since expired but the HSWA permit was reissued on September 17, 1999 and continues in effect. The HSWA permit requires investigation and, if necessary, corrective action at Solid Waste Management Units identified under the permit, among other requirements. Under 40 C.F.R. §260.10, the definition of "facility" for the purposes of corrective action includes all contiguous property under the control of the owner or operator seeking a permit under subtitle C of RCRA. The acreage proposed for transfer under the EDC Phase I would include property which fell under the control of the owner or operator of Charleston Naval Station while the facility was seeking a permit and is therefore covered under the HSWA permit. Under 40 C.F.R. §270.40(b), changes in facility ownership, as contemplated here, require modification to the permit. Neither the EBS nor the FOST address how the requirements of 40 C.F.R. §270.40(b) will be

addressed as each parcel is transferred to a new owner. Please explain how the facility intends to accommodate this regulatory requirement.

12. DOD guidance for FOST recommends that the chain of title search extend back 60 years at a minimum. Table 2-1 in the EBS shows that the chain of title search did not extend back 60 years for most of the parcels proposed for transfer. Please explain why a title search extending back at least 60 years was considered unnecessary.
13. Please provide a copy of the deed intended for use in the transfers so that we may review it against the requirements of CERCLA §120(h)(3). Attachment I to the deed, referenced in the FOST, was not included and should be provided in conjunction with this request. The deed or other transfer document should be inclusive of all terms (including notices/covenants) both prior to and after execution of the documents.
  - a covenant warranting that any remedial action necessary to protect human health and the environment with respect to any hazardous substance remaining on the property has been taken before the date of transfer;
  - a covenant warranting that the U.S. will conduct any response action or corrective action necessary after the date of transfer:
  - a clause granting access to the U. S. if such a response or corrective action is necessary on the parcel transferred, or on adjoining property.
14. Building 1889 is included in Appendix B of the EBST but not in the FOST. At present it does not qualify for property transfer. The Navy may wish to exclude it from consideration in the EBST.
15. An EBST should contain all information relevant to the environmental condition of the property. Buildings/parcels NS-46, X-56, 67, 234, 451A, 1179, and 1776 either contain or are closely associated with SWMUs or AOCs. The EBST should report either a “no further action required” decision from the RCRA Facility Assessment (RFA) or the results of RFA confirmation sampling or subsequent RCRA Facility Investigation sample results.
16. Building 199 is classified as CERFA Category 4 yet the EBST contains no documentation that clean-up to acceptable standards has been accomplished.
17. Neither the FOST nor the EBST describe the configurations of property around and adjacent to the buildings to be included in the property transfer(s).

**Table 5-4**  
**Subject Property SWMUs**

SWMU Number	SWMU Name	Study Zone	Status	Documentation
48	Building 234 SAA	C	NFA	RFA VOL.1 (EnSafe, 6/95), RFA Approval Letter (SCDHEC to Navy, 6/95)
107	Chapel CBU-412 SAA	F	NFA	RFA VOL.1 (EnSafe, 6/95), RFA Approval Letter (SCDHEC to Navy, 6/95)
131	Building NS-67 SAA	H	NFA	RFA VOL.1 (EnSafe, 6-95), RFA Approval Letter (SCDHEC to Navy, 6/95)
137	Building 675 SAA	H	NFA	RFA VOL.1 (EnSafe, 6-95), RFA Approval Letter (SCDHEC to Navy, 6/95)
138	Building 1776 SAA	H	Zcombine 677; NFA, RFI Complete	RFA (EPA, 1987), Final Zone H RFI Report (EnSafe, 3/99)

#### 5.4 Storage Tanks and Oil/Water Separators

Numerous USTs, ASTs, and oil/water separators are associated with the subject properties. Tables 5-5, 5-6, and 5-7 summarize the historical information and the current status of USTs, ASTs, and oil/water separators for all applicable subject properties. The status includes active, abandoned, or removed. The information included in these tables was obtained from the April 1999 NAVFACENGCOM Petroleum Storage Tank Records.

**Table 5-5**  
**Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
4	Administration Offices, Engineering and IRM	No UST is associated with this building.
7	Comptroller Department and IRM	A 1986 checklist reported a 4,000-gallon UST was associated with this building. However, a 1994 checklist indicated that the UST had been removed. Furthermore, during the 1999 site visit, no visual evidence of the UST was noted and no documentation was available.
8-8A	Administration Offices (NS Telephone, Engineering, Navy Audit)	No UST is associated with this building.
12A	Public Works Office	No UST is associated with this building.

**Table 5-5  
Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
12B	Public Works Office	No UST is associated with this building.
NS-31	Disciplinary & Transient Personnel Barracks	No UST is associated with this building.
NS-32	Disciplinary & Transient Personnel Barracks	No UST is associated with this building.
33	Barracks	No UST is associated with this building.
34	Barracks	No UST is associated with this building.
35	Barracks	No UST is associated with this building.
36	Barracks	No UST is associated with this building.
37	Barracks	No UST is associated with this building.
NS-38	Enlisted Men's Barracks	No UST is associated with this facility.
NS-43	Enlisted Dining Hall	No UST is associated with this building.
NSC-45	Warehouse	No UST is associated with this building.
NS-46	Naval Station Headquarters Building	No UST is associated with this building.
NS-48	Tennis Court	No UST is associated with this facility.
NS-49	Tennis Court	No UST is associated with this facility.
X-56	Ammunition Storage	No UST is associated with this facility.
NS-59	Outdoor Swimming Pool	No UST is associated with this facility.
65	Barracks	No UST is associated with this building.
NS-66	Barracks	No UST is associated with this building.
NS-67	Barracks	No UST is associated with this building.
NS-69	Boiler House	No UST is associated with this facility.
76	Human Resource & Safety	No UST is associated with this building.
81	Fire Station No. 2	One, 2,000-gallon UST of No. 2 fuel. The April 1999 NAVFACENCOM Petroleum Storage Tank Program Records state that the UST was removed in October 1997. No further action.
83	Business Opportunity Center	No UST is associated with this building.
86	Cooper River Center	No UST is associated with this building.
NS-91	Antenna System (Abandoned)	No UST is associated with this facility.
92	Indoor Swimming Pool	No UST is associated with this facility.
135	Operational Storage	Two, unknown capacity, USTs of gasoline and kerosene. These tanks have been removed.

**Table 5-5  
Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
141	Union Office and Police Department Storage	No UST is associated with this building.
174	Switch House (Electrical)	No UST is associated with this facility.
178	Steam Flow Meter House	No UST is associated with this facility.
180	Recreation Building	One, unknown capacity, UST fuel oil. No visual evidence of the UST was noted during the 1999 site visit.
184	Outdoor Swimming Pool	No UST is associated with this facility.
186	Fire Station No. 1	No UST is associated with this building.
191	Controlled Humidity Warehouse	One, 1,500-gallon, UST . This tank has been removed.
199	Cochrane Hall	No UST is associated with this building.
214	Filter House for Facility No. 184	No UST is associated with this facility.
220	Golf Course Snack Bar / Pro Shop	No UST is associated with this building.
227	Employee Services Association Office	No UST is associated with this building.
229	Bath House (Cooper River Center)	No UST is associated with this facility.
234	Engineering Management Building	No UST is associated with this building.
245	Fire Station Support Building	No UST is associated with this building.
313	Pier B	No UST is associated with this facility.
321	Supply Pier Alpha	No UST is associated with this facility.
334	Concrete Ramp	No UST is associated with this facility.
373	Radio Tower	No UST is associated with this facility.
384	Storm Water Pumping Station	No UST is associated with this facility.
400	Public Works Facility	No UST is associated with this facility.
401	Cooling Tower	No UST is associated with this facility.
451A	Switching Station	No UST is associated with this facility.
451L	Switching Station	No UST is associated with this facility.
513	Railroad Track Scales	No UST is associated with this facility.
547	Open Storage Area	No UST is associated with this facility.
652	Bachelor's Enlisted Quarters (BEQ) - Mathis Hall	No UST is associated with this building.
658	EM Barracks	No UST is associated with this building.
664	SUBGRU 6 Storage	No UST is associated with this building.

**Table 5-5  
Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
668	Barracks	No UST is associated with this building.
669	Barracks	No UST is associated with this building.
670	Racquet and Fitness Center	No UST is associated with this building.
675	Dental Clinic	No UST is associated with this building.
676	Barracks	No UST is associated with this building.
677	Barracks	No UST is associated with this building.
715	Deep Well and Deep Well Pump House	A 1993 checklist reported one 2,000-gallon UST was present at this facility. However, no visual evidence of a UST was noted during the 1999 site visit.
807	Day Care Center	No UST is associated with this building.
1001	Cylinder/POL Storage Shed	No UST is associated with this building.
1078	Open Field	No UST is associated with this facility.
1079	Hazardous/Flammable Storage Building	No UST is associated with this building.
1179	Chapel	No UST is associated with this building.
1221 and 1221A	Recreational Building (CRC Party Building) and Public Works Facility	No UST is associated with this building.
1345	Cochrane Field Restrooms	No UST is associated with this facility.
1385	Field Office	No UST is associated with this facility.
1400	Baseball Press Box	No UST is associated with this facility.
1401	Football Fields	No UST is associated with this facility.
1403	Softball Field	No UST is associated with this facility.
1405	Baseball Field (Fletcher Field)	No UST is associated with this facility.
1410	Golf Course	No UST is associated with this facility.
1412	Softball Field	No UST is associated with this facility.
1447	Bath House for Facility NS-59	No UST is associated with this facility.
1448	Filter House for Structure No. NS-59	No UST is associated with this facility.
1455	Foot Bridge	No UST is associated with this facility.
501	Warehouse	No UST is associated with this building.
1502	Warehouse	No UST is associated with this building.
1503	Warehouse	No UST is associated with this building.
1504	Warehouse	No UST is associated with this building.

**Table 5-5  
Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
1505	Warehouse, NWS Housing Storage	No UST is associated with this building.
1507	Warehouse	No UST is associated with this building.
1509	Storage	No UST is associated with this building.
1513	Storage Building - Rubber Lined	No UST was associated with this facility.
1514	Pumping Station	No UST is associated with this facility.
1601B	Warehouse	No UST is associated with this building.
1622	Polaris Materials Office Warehouse	No UST is associated with this building.
1623	Polaris Materials Office Warehouse	No UST is associated with this building.
1632	Storage Warehouse	No UST is associated with this building.
1633	Valve House	No UST is associated with this facility.
1634	Band Saw Shelter	No UST is associated with this facility.
1635	Field Office	No UST is associated with this building.
1642	Automobile Storage	No UST is associated with this facility.
1643	Automobile Storage	No UST is associated with this facility.
1651	Pumphouse	No UST is associated with this facility.
1652	Guard House	No UST is associated with this building.
1656	Transit Cargo Handling Warehouse	No UST is associated with this building.
1720	Police Locker Room	No UST is associated with this building.
1721	Refrigeration Equipment Building	No UST is associated with this building.
1764	Sewer Pumping Station No. 4	No UST is associated with this facility.
1765	Sewer Pumping Station No. 5	No UST is associated with this facility.
1768	Sewer Pumping Station No. 8	No UST is associated with this facility.
1776	Mechanics Shop	No UST is associated with this building.
1777	Administration (CBU-412)	No UST is associated with this building.
1778	Tool and Storage Shop	No UST is associated with this building.
1790	Tennis Courts	No UST is associated with this facility.
1812	Sewage Pumping Station	No UST is associated with this facility.
1823	Bus Shelter	No UST is associated with this facility.
1873	Flagpole	No UST is associated with this facility.
1876	Flagpole	No UST is associated with this facility.
1877	Wash Rack	No UST is associated with this facility.

**Table 5-5  
Underground Storage Tanks**

Facility Number	Past Facility Use	Current Status
1878	CBU Flagpole	No UST is associated with this facility.
1879	Equipment Building	No UST is associated with this building.
1880	Material Liaison Office	No UST is associated with this building.
1881	Material Liaison Office	No UST is associated with this building.
1882	Material Liaison Office	No UST is associated with this building.
1883	CBU-412 Storage	No UST is associated with this building.
1884	Steel Shop (CBU-412)	No UST is associated with this building.
1885	Operations Office	No UST is associated with this building.
1886	Locker Room	No UST is associated with this building.
1892	Supply	No UST is associated with this building.
1894	Collateral Storage	No UST is associated with this building.
1898	BEQ Storage	No UST is associated with this building.
1899	Steelworker Shop	No UST is associated with this building.
1902	Sentry House - Gate 2	No UST is associated with this building.
1981	Service Station Sign	No UST is associated with this facility.
1982	Information Sign by Sterett Hall /Hobson Avenue	No UST is associated with this facility.
2501	Radar Lounge	No UST is associated with this building.
2507	Bath House	No UST is associated with this facility.
2535	Water Treatment Facility	No UST is associated with this facility.
2536	Administration Company, MOMAG	No UST is associated with this building.
2550	Basketball Court	No UST is associated with this facility.
2552	Swimming Pool	No UST is associated with this facility.
2553	Soccer Field	No UST is associated with this facility.
2555	Entrance Sign	No UST is associated with this facility.
2557	Sewage Pumping Station	No UST is associated with this facility.
OL-1	Open Land Area (OL-1)	No UST is associated with this facility.
bstacle Course	Obstacle Course	No UST is associated with this facility.
SCE&G Storage Yard	Transformer Storage Yard	No UST is associated with this facility.

Table 5-6  
Aboveground Storage Tanks

Facility Number	Past Facility Use	Current Status
4	Administration Offices, Engineering and IRM	No AST is associated with this building.
7	Comptroller Department and IRM	No AST is associated with this building.
8-8A	Administrative Offices (NS Telephone, Engineering, Navy Audit)	No AST is associated with this building.
12A	Public Works Office	No AST is associated with this building.
12B	Public Works Office	No AST is associated with this building.
NS-31	Disciplinary & Transient Personnel Barracks	No AST is associated with this building.
NS-32	Disciplinary & Transient Personnel Barracks	No AST is associated with this building.
33	Barracks	No AST is associated with this building.
34	Barracks	No AST is associated with this building.
35	Barracks	No AST is associated with this building.
36	Barracks	No AST is associated with this building.
37	Barracks	No AST is associated with this building.
NS-38	Enlisted Men's Barracks	No AST is associated with this building.
NS-43	Enlisted Dining Hall	No AST is associated with this building.
NSC-45	Warehouse	No AST is associated with this building.
NS-46	Naval Station Headquarters Building	No AST is associated with this building.
NS-48	Tennis Court	No AST is associated with this facility.
NS-49	Tennis Court	No AST is associated with this facility.
X-56	Ammunition Storage	No AST is associated with this facility.
NS-59	Outdoor Swimming Pool	No AST is associated with this facility.
65	Barracks	No AST is associated with this facility.
NS-66	Barracks	One, 250-gallon, propane. This AST has been removed.
NS-67	Barracks	One, 500-gallon, propane. This AST has been removed.
NS-69	Boiler House	No AST is associated with this facility.
76	Human Resources and Safety	One, 250-gallon, ammonia. This AST has been removed.
81	Fire Station No. 2	No AST is associated with this building.
83	Business Opportunity Center	No AST is associated with this building.
86	Copper River Center	One, 6,000-gallon, No. 5 fuel oil. The April 1999 NAVFACENGCOM Petroleum Storage Tank Program Records stated that the AST was removed in May 1998. No further action is required.

**Table 5-6**  
**Aboveground Storage Tanks**

Facility Number	Past Facility Use	Current Status
NS-91	Antenna System (Abandoned)	No AST is associated with this facility.
92	Indoor Swimming Pool	No AST is associated with this facility.
135	Operational Storage	One, 300-ft <sup>3</sup> , oxygen. This AST has been removed.
141	Union Office and Police Department Storage	No AST is associated with this building.
174	Switch House (Electrical)	No AST is associated with this facility.
178	Steam Flow Meter House	No AST is associated with this facility.
180	Recreation Building	No AST is associated with this building.
184	Outdoor Swimming Pool	No AST is associated with this facility.
186	Fire Station No. 1	No AST is associated with this building.
191	Controlled Humidity Warehouse	One, 250-gallon, diesel. The April 1999 NAVFACENGCOC Petroleum Storage Tank Program Records stated that the AST was removed in October 1997. No further action is required.
199	Cochrane Hall	No AST is associated with this building.
214	Filter House for Facility No. 184	No AST is associated with this facility.
220	Golf Course Snack Bar / Pro Shop	One, 270-gallon, No. 2 fuel oil. The April 1999 NAVFACENGCOC Petroleum Storage Tank Program Records state that the AST was removed in July 1998. No further action is required.
227	Employee Services Association Office	No AST is associated with this building.
229	Bath House (Cooper River Center)	No AST is associated with this facility.
234	Engineering Management Building	No AST is associated with this facility.
245	Fire Station Support Building	No AST is associated with this building.
313	Pier B	No AST is associated with this building.
321	Supply Pier Alpha	No AST is associated with this facility.
334	Concrete Ramp	No AST is associated with this facility.
373	Radio Tower	No AST is associated with this facility.
384	Storm Water Pumping Station	No AST is associated with this facility.
400	Public Works Facility	One, 250-gallon, diesel fuel.
401	Cooling Tower	One, 6,000-gallon, No. 2 fuel oil. The AST is in good condition.
451A	Switching Station	No AST is associated with this facility.

**Table 5-6  
Aboveground Storage Tanks**

Facility Number	Past Facility Use	Current Status
451L	Switching Station	No AST is associated with this facility.
513	Railroad Track Scales	Two, unknown capacity, propane. These ASTs have been removed.
547	Open Storage Area	No AST is associated with this facility.
652	Bachelor's Enlisted Quarters (BEQ) - Mathis Hall	No AST is associated with this building.
658	EM Barracks	No AST is associated with this building.
664	SUBGRU 6 Storage	No AST is associated with this building.
668	Barracks	No AST is associated with this building.
669	Barracks	No AST is associated with this building.
670	Racquet and Fitness Center	No AST is associated with this building.
675	Dental Clinic	Two, unknown capacity, propane.
676	Barracks	No AST is associated with this building.
677	Barracks	No AST is associated with this building.
715	Deep Well Pump House	No AST is associated with this facility.
716	Deep Well	No AST is associated with this facility.
807	Day Care Center	No AST is associated with this building.
1001	Cylinder/POL Storage Shed	No AST is associated with this facility.
1078	Open Field	No AST is associated with this facility.
1079	Hazardous/Flammable Storage Building	No AST is associated with this building.
1179	Chapel	No AST is associated with this building.
1221 and 1221A	Recreational Building (CRC Party Building) and Public Works Facility	No AST is associated with the facility.
1345	Cochrane Field Restrooms	No AST is associated with this facility.
1385	Field Office	No AST is associated with this facility.
1400	Baseball Press Box	No AST is associated with this facility.
1401	Football Fields	No AST is associated with this facility.
1403	Softball Field	No AST is associated with this facility.
1405	Baseball Field (Fletcher Field)	No AST is associated with this facility.
1410	Golf Course	No AST is associated with this facility.
1412	Softball Field	No AST is associated with this facility.

**Table 5-6  
Aboveground Storage Tanks**

Facility Number	Past Facility Use	Current Status
1447	Bath House for Facility NS-59	No AST is associated with this facility.
1448	Filter House for Structure No. NS-59	No AST is associated with this facility.
1455	Foot Bridge	No AST is associated with this facility.
1501	Warehouse	One, 300-gallon, used oil. The AST is in good condition.
1502	Warehouse	No AST is associated with this facility.
1503	Warehouse	One 250-gallon, propane. No evidence of the AST was noted during the 1999 site visit. The October 1996 Environmental Baseline Survey stated that the AST had been removed.
1504	Warehouse	No AST is associated with this building.
1505	Warehouse, NWS Housing Storage	No AST is associated with this building.
1507	Warehouse	No AST is associated with this building.
1509	Storage	No AST is associated with this building.
1513	Storage Building - Rubber Lined	No AST is associated with this building.
1514	Pumping Station	One, 550-gallon, diesel fuel. Light staining was observed around the AST during the 1999 site visit.
1601B	Warehouse	No AST is associated with this building.
1622	Polaris Materials Office Warehouse	One, 1,000-gallon, propane. The AST was present during the 1999 site visit.
1623	Polaris Materials Office Warehouse	One, 500-gallon, propane. The AST was present during the 1999 site visit.
1632	Storage Warehouse	No AST is associated with this building.
1633	Valve House	No AST is associated with this facility.
1634	Band Saw Shelter	No AST is associated with this facility.
1635	Field Office	One, unknown capacity. This AST has been removed.
1642	Automobile Storage	No AST is associated with this facility.
1643	Automobile Storage	No AST is associated with this facility.
1651	Pumphouse	No AST is associated with this facility.
1652	Guard House	No AST is associated with this facility.
1656	Transit Cargo Handling Warehouse	No AST is associated with this building.
1720	Police Locker Room	No AST is associated with this building.
1721	Refrigeration Equipment Building	No AST is associated with this building.

**Table 5-6  
Aboveground Storage Tanks**

Facility Number	Past Facility Use	Current Status
1764	Sewer Pumping Station No. 4	No AST is associated with this facility.
1765	Sewer Pumping Station No. 5	No AST is associated with this facility.
1768	Sewer Pumping Station No. 8	No AST is associated with this facility.
1776	Mechanics Shop	One, 300-gallon, used oil. This AST has been removed.
1777	Administration Office (CBU-412)	No AST is associated with this building.
1778	Tool and Storage Shop	No AST is associated with this building.
1790	Tennis Courts	No AST is associated with this facility.
1812	Sewage Pumping Station	No AST is associated with this facility.
1823	Bus Shelter	No AST is associated with this facility.
1873	Flagpole	No AST is associated with this facility.
1876	Flagpole	No AST is associated with this facility.
1877	Wash Rack	No AST is associated with this facility.
1878	CBU Flagpole	No AST is associated with this facility.
1879	Equipment Building	No AST is associated with this building.
1880	Material Liaison Office	No AST is associated with this building.
1881	Material Liaison Office	No AST is associated with this building.
1882	Material Liaison Office	No AST is associated with this building.
1883	CBU-412 Storage	No AST is associated with this building.
1884	Steel Shop (CBU-412)	No AST is associated with this building.
1885	Operations Office	No AST is associated with this building.
1886	Locker Room	No AST is associated with this building.
1892	Supply	No AST is associated with this building.
1894	Collateral Storage	No AST is associated with this building.
1898	BEQ Storage	No AST is associated with this building.
1899	Steelworker Shop	No AST is associated with this building.
1902	Sentry House - Gate 2	No AST is associated with this building.
1981	Service Station Sign	No AST is associated with this facility.
1982	Information Sign by Sterrett Hall/Hobson Avenue	No AST is associated with this facility.
2501	Radar Lounge	No AST is associated with this building.

**Table 5-6  
Aboveground Storage Tanks**

Facility Number	Past Facility Use	Current Status
2507	Bath House	No AST is associated with this facility.
2535	Water Treatment Facility	No AST is associated with this facility.
2536	Administration Company, MOMAG	No AST is associated with this building.
2550	Basketball Court	No AST is associated with this facility.
2552	Swimming Pool	No AST is associated with this facility.
2553	Soccer Field	No AST is associated with this facility.
2555	Entrance Sign	No AST is associated with this facility.
2557	Sewage Pumping Station	No AST is associated with this facility.
OL-1	Open Land Area (OL-1)	No AST is associated with this facility.
Obstacle Course	Obstacle Course	No AST is associated with this facility.
SCE&G Storage Yard	Transformer Storage Yard	One 300-gallon, diesel fuel.

**Table 5-7  
Oil/Water Separators**

Facility Number	Facility Use	Description/Comments	Current Status
513	Railroad Track Scales	A catch basin is located underneath the railroad track scales. A sump pump is located inside Building 513.	This facility is no longer in use.
1656	Transit Cargo Handling Warehouse	One oil/water separator located in the garage area.	Oil/water separator is currently used by the Environmental Detachment.
1776	Mechanics Shop	Two oil/water separators were located east of Building 1776.	Both oil/water separators were closed in 1994.

*Note:*  
No other facilities are known to have had or currently have oil/water separators.

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
4	Administration Offices, Engineering, and IRM	96000	1918	X	X		X					X	X	X	X	X	3 - Light Green
7	Comptroller Department and IRM	54060	1908	X	X		X			X		X	X	X	X	X	4 - Dark Green
8-8A	Administrative Offices (NS Telephone, Engineering, Navy Audit)	101080	1906	X	X				X			X	X	X	X	X	3 - Light Green
12A	Public Works Office	Unknown	1989	X	X							X	X				3 - Light Green
12B	Public Works Office	Unknown	1989	X	X				X			X	X				3 - Light Green
NS-31	Disciplinary and Transit Personnel Barracks	27840	1959	X	X	X				X		X	X	X	X	X	3 - Light Green
NS-32	Disciplinary and Transit Personnel Barracks	18560	1959	X	X	X				X		X	X				3 - Light Green
33	Barracks	27840	1958	X	X	X				X		X	X	X	X	X	3 - Light Green
34	Barracks	27840	1958	X	X	X				X		X	X	X	X	X	3 - Light Green
NS-35	Barracks	27840	1958	X	X	X				X		X	X				3 - Light Green
36	Barracks	27840	1960	X	X	X				X		X	X	X	X	X	2 - Blue
37	Barracks	27840	1958	X	X	X				X		X	X	X	X	X	3 - Light Green
NS-38	Enlisted Men's Barracks (Partially Demolished)	27840	1958		X	X						X	X				3 - Light Green
NS-43	Enlisted Dining Hall	41420	1958	X		X				X		X	X				3 - Light Green
NSC-45	Warehouse	49572	1941			X					X	X	X	X	X	X	3 - Light Green
NS-46	Naval Station Headquarters Building	48115	1958	X	X	X		X		X	X	X	X	X	X	X	3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
NS-48	Tennis Court	16800	1959			X						X			X	X	3 - Light Green
X56	Ammunition Storage	4000	1942	X		X						X	X				3 - Light Green
NS-59	Outdoor Swimming Pool	Unknown	1959			X							X				3 - Light Green
65	Barracks	27840	1963	X		X				X			X		X	X	3 - Light Green
NS-66	Barracks	32207	1963	X	X	X			X	X			X	X	X	X	3 - Light Green
NS-67	Barracks	32207	1943	X		X			X	X			X		X	X	3 - Light Green
NS-69	Boiler House	1850	1963		X	X				X		X	X		X		2 - Blue
76	Human Resources and Safety	39776	1942	X		X			X	X			X		X	X	3 - Light Green
81	Fire Station No. 2	3000	1941	X	X	X		X		X			X		X	X	2 - Blue
83	Business Opportunity Center	1692	1942	X		X						X	X		X	X	3 - Light Green
86	Cooper River Center	24219	1942	X	X	X			X	X			X		X	X	2 - Blue
NS-91	Antenna System (Abandoned)	38	1966										X				3 - Light Green
92	Indoor Swimming Pool	14734	1959	X		X				X			X		X		3 - Light Green
135	Operational Storage	1692	1945	X	X	X		X	X			X	X		X	X	3 - Light Green
141	Union Office and Police Department Storage	390	1946	X		X						X	X		X		3 - Light Green
174	Switch House (Electrical)	264	1942							X			X		X		3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
178	Steam Flow Meter House	80	1954			X							X		X		3 - Light Green
180	Recreation Building	37000	1957	X	X	X		X		X			X		X	X	3 - Light Green
184	Outdoor Swimming Pool	3375	1957	X		X							X		X		3 - Light Green
186	Fire Station No. 1	8680	1942	X	X	X			X				X		X	X	3 - Light Green
191	Controlled Humidity Warehouse	6058	1961	X	X	X		X	X	X	X		X		X	X	2 - Blue
199	Cochrane Hall	41196	1970	X	X	X						X	X	X	X	X	4 - Dark Green
214	Filter House for Facility 184	195	1957	X	X	X						X	X		X		3 - Light Green
220	Golf Course Snack Bar/Pro Shop	2800	1968	X	X	X			X	X			X		X	X	2 - Blue
227	Employee Services Association Office	864	1982	X		X				X				X	X		3 - Light Green
229	Bath House (Cooper River Center)	400	1982			X							X				3 - Light Green
234	Engineering Management Building	166656	1974	X		X		X	X			X	X	X	X	X	3 - Light Green
245	Fire Station Support Building	1200	1984	X	X	X							X		X		3 - Light Green
313	Pier B	125	circa 1990	X									X				3 - Light Green
321	Supply Pier A	4432	1943	X		X					X		X			X	3 - Light Green
334	Concrete Ramp	632	1972									X					3 - Light Green
373	Radio Tower	2	1990														3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
384	Storm Water Pumping Station	864	1981							X		X	X				3 - Light Green
400	Public Works Facility	24000	1994			X			X				X		X	X	3 - Light Green
401	Cooling Tower	Unknown	1963										X		X		3 - Light Green
451A	Switching Station	2500	1940							X			X				3 - Light Green
451L	Switching Station	1500	1983	X						X							3 - Light Green
513	Railroad Track Scales	98	1941				X		X				X		X		3 - Light Green
547	Open Storage Area	9051	1940									X					3 - Light Green
652	Bachelors Enlisted Quarters (BEQ) - Mathis Hall	32207	1964	X	X	X				X			X		X	X	3 - Light Green
658	EM Barracks	32207	1965	X		X				X			X		X	X	3 - Light Green
664	SUBGRU 6 Storage	5000	1974	X			X			X			X				3 - Light Green
668	Barracks	27093	1973	X	X	X				X			X		X	X	3 - Light Green
669	Barracks	29304	1973	X	X	X				X			X		X	X	3 - Light Green
670	Racquet & Fitness Center	13604	1984		X	X				X			X		X	X	3 - Light Green
675	Dental Clinic	19951	1977	X	X	X			X	X			X		X		2 - Blue
676	Barracks	42100	1990	X		X				X					X	X	3 - Light Green
677	Barracks	42100	1990	X		X									X		3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
715	Deep Well Pumphouse	300	1943					X	X				X				3 - Light Green
716	Deep Well	300	1943							X			X				3 - Light Green
807	Day Care Center	14117	1984			X							X		X	X	2 - Blue
1001	Cylinder/POL Storage Shed	25620	1985	X	X							X	X		X		3 - Light Green
1078	Open Field	42370	1985														3 - Light Green
1079	Hazardous/Flammable Storage Building	42370	1985	X	X	X		X	X				X		X		3 - Light Green
1179	Chapel	4664	1942	X	X					X			X		X		3 - Light Green
1221	Recreational Building - CRC Party Building	1500	1944	X	X					X			X		X		2 - Blue
1345	Cochrane Field Restrooms	150	1962			X							X				3 - Light Green
1385	Field Office	153	1943									X	X		X		3 - Light Green
1400	Baseball Press Box	195	1985	X	X					X			X			X	3 - Light Green
1401	Football Fields	200000	1952			X				X			X			X	3 - Light Green
1403	Softball Field	44100	1953			X				X			X		X		3 - Light Green
1405	Baseball Field (Fletcher Field)	62500	1985										X				3 - Light Green
1410	Golf Course	Unknown	1932	X	X								X				3 - Light Green
1412	Softball Field	44100	1959			X				X		X					3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained/Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
1447	Bath House for Facility NS-59	1640	1959			X							X		X	X	3 - Light Green
1448	Filter House for Structure No. NS-59	400	1959	X		X			X			X	X		X		3 - Light Green
1455	Foot Bridge	798	1956										X		X		3 - Light Green
1501	Warehouse	11280	1964								X		X		X		3 - Light Green
1502	Warehouse	61200	1964			X					X		X		X	X	3 - Light Green
1503	Warehouse	61200	1941	X		X			X	X	X		X		X	X	3 - Light Green
1504	Warehouse	12600	1941	X	X								X				3 - Light Green
1505	Warehouse, NWS Housing Storage	3108	1964	X									X				3 - Light Green
1507	Warehouse	36764	1964	X						X			X		X		3 - Light Green
1509	Storage	12444	1963	X		X						X	X		X		3 - Light Green
1513	Storage Building - Rubber Lined	8970	1987										X				3 - Light Green
1514	Pumping Station	300	1990						X	X							3 - Light Green
1601B	Warehouse	82980	1964	X		X				X	X		X		X	X	3 - Light Green
1622	Polaris Materials Office (PMO)	8000	1963			X			X	X			X				3 - Light Green
1623	Polaris Materials Office (PMO)	4000	1963			X			X	X		X	X		X	X	3 - Light Green
1632	Storage Warehouse	15000	1982			X					X	X	X		X	X	3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
1633	Valve House	132	1943										X				3 - Light Green
1634	Band Saw Shelter	289	1982	X								X	X			X	3 - Light Green
1635	Field Office	720	1987			X			X	X			X		X	X	3 - Light Green
1642	Automobile Storage	39600	1971									X	X				3 - Light Green
1643	Automobile Storage	39600	1971									X	X				3 - Light Green
1651	Pumphouse	272	1985														3 - Light Green
1652	Guard House	36	1988														3 - Light Green
1656	Transite Cargo Handling Warehouse	4000	1992	X			X										3 - Light Green
1720	Police Locker Room	600	1969		X	X				X		X	X				3 - Light Green
1721	Refrigeration Equipment Building	240	1993	X	X								X		X		3 - Light Green
1764	Sewer Pumping Station No. 4	64	1971	X	X					X			X				3 - Light Green
1765	Sewer Pumping Station No. 5	16	1971			X				X			X				3 - Light Green
1768	Sewer Pumping Station No. 8	16	1971			X				X			X				3 - Light Green
1776	Mechanics Shop	4000	1971	X	X	X			X	X			X		X	X	3 - Light Green
1777	Administration Office	960	1971			X				X			X		X	X	3 - Light Green
1778	Tool and Storage Shop, CBU-412	960	1971	X		X							X		X		3 - Light Green

Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radiactive Materials	Stained Soil/Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
1790	Tennis Courts	24400	1975										X				3 - Light Green
1812	Sewage Pumping Station	6	1971			X				X		X	X				3 - Light Green
1823	Bus Shelter	108	1975										X				3 - Light Green
1873	Flagpole	4	1979														3 - Light Green
1876	Flagpole	4	1983										X				3 - Light Green
1877	Washrack	120	1983			X											3 - Light Green
1878	CBU Flagpole	4	1983														3 - Light Green
1879	Equipment Building	960	1983	X													3 - Light Green
1880	Material Liaison Office	64	1983										X				3 - Light Green
1881	Material Liaison Office	960	1978										X				3 - Light Green
1882	Material Liaison Office	960	1978										X				3 - Light Green
1883	CBU-412 Storage	960	1978	X	X							X	X				3 - Light Green
1884	Steel Shop (CBU-412)	1728	Unknown	X	X								X		X		3 - Light Green
1885	Operations Office	960	1977	X	X					X			X		X		3 - Light Green
1886	Locker Room	960	1977	X	X								X		X		3 - Light Green
1892	Supply	720	1984	X	X											X	3 - Light Green

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	All Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Soil/Stressed Vegetation	Lead based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
1894	Collateral Storage	104	1987														3 - Light Green
1898	BEQ Storage	Unknown	1970s										X				3 - Light Green
1899	Steelworker Shop	1728	1992		X	X										X	3 - Light Green
1902	Sentry House, Gate 2	147	1979										X				3 - Light Green
1981	Service Station Sign	6	1983														3 - Light Green
1982	Information Sign by Sterett Hall/Hobson Avenue	4	1960														3 - Light Green
2501	Radar Lounge	Unknown	1970	X	X	X				X			X		X		3 - Light Green
2507	Bath House	300	1969			X				X			X				3 - Light Green
2535	Water Treatment Facility	35	1971	X		X							X		X		3 - Light Green
2536	Administration Company, MOMAG	8280	1980	X		X				X						X	3 - Light Green
2550	Basketball Court	7200	1981														2 - Blue
2552	Swimming Pool	1250	1959			X				X							3 - Light Green
2553	Soccer Field	60000	1965			X				X							3 - Light Green
2555	Entrance Sign	13	1965										X				3 - Light Green
2557	Sewage Pumping Station	18	1955							X			X				3 - Light Green
OL-1	Open Land Area (OL-1)	Unknown	Unknown	X				X				X	X				3 - Light Green

Draft Environmental Baseline Survey for Transfer  
 EDC Phase I Parcels  
 Charleston Naval Complex  
 October 1999

Executive Summary Table																	
Building Number	Building Name	Square Footage	Date	Hazardous Substances	Air Emission Sources	Wastewater Treatment	Oil/Water Separators	Underground Storage Tanks	Aboveground Storage Tanks	PCBs	Radioactive Materials	Stained Salt-Stressed Vegetation	Lead Based Paint	Radon	ACM or SACM	Lead in Drinking Water	Final Classification
Obstacle Course	Obstacle Course	1.5 acres	1993														3 - Light Green
SCE&G Storage Yard	Transformer Storage Yard	Unknown	Unknown	X					X			X					3 - Light Green

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

**Table 1-1  
EDC Phase I Parcel List**

Facility Number	Coordinates	Past Facility Use <sup>1</sup>	Current Facility Use
4	G41	Administration Offices, Engineering and IRM	Vacant
7	H42	Comptroller Department and IRM	Vacant
8-8A	H41	Administrative Offices (NS Telephone, Engineering, Navy Audit)	Vacant
12A	D32	Public Works Office	High School Classrooms, Charleston County School District
12B	D32	Public Works Office	High School Classrooms, Charleston County School District
NS-31	M13	Disciplinary & Transient Personnel Barracks	Vacant
NS-32	M13	Disciplinary & Transient Personnel Barracks	Vacant
NS-33	M14	Barracks	Vacant
34	M14	Barracks	Vacant
NS-35	M14	Barracks	Vacant
36	M15	Barracks	Vacant
37	M15	Barracks	Vacant
NS-38	M15	Enlisted Men's Barracks	Vacant
NS-43	L15	Enlisted Dining Hall	Dining Hall (Galley)
NSC45	G41	Warehouse	Warehouse
NS-46	L15	Naval Station Headquarters Building	Renovation Scheduled for New Gym, Theater, and Student Center
NS-48	K14	Tennis Court	Tennis Court
NS-49	K14	Tennis Court	Tennis Court
X-56	F8	Ammunition Storage	Empty
NS-59	L15	Outdoor Swimming Pool	Filled with soil
65	H16	Barracks	Barracks
NS-66	H16	Barracks	Currently being remodeled and used as barracks
NS-67	H16	Barracks	Storage
NS-69	H16	Boiler House	Boiler House
76	D38	Human Resource & Safety	Vacant
81	H44	Fire Station No. 2	Storage

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

Table 1-1  
EDC Phase I Parcel List

Facility Number	Coordinates	Past Facility Use <sup>1</sup>	Current Facility Use
83	B43	Business Opportunity Center	Offices
86	N43	Cooper River Center	Vacant
NS-91	F9	Antenna System (Abandoned)	Abandoned
92	F36	Indoor Swimming Pool	Vacant
135	P48	Operational Storage	Vacant
141	E37	Union Office and Police Dept. Storage	Storage
174	F34	Switch House (Electrical)	Vacant
178	E37	Steam Flow Meter House	No key was available, therefore interior was not observed
180	D37	Recreation Building	Offices and Recreation
184	N43	Outdoor Swimming Pool	Filled with soil
186	E37	Fire Station No. 1	Fire Station No. 1
191	M48	Controlled Humidity Warehouse	Vacant
199	F34	Cochrane Hall	Academic Magnet High School, Charleston County School District
214	N43	Filter House For Facility No. 184	Not in use
220	N43	Golf Course Snack Bar / Pro Shop	Vacant
227	F40	Employee Services Association Office	Office Space
229	N43	Bath House (Cooper River Center)	Vacant
234	H42	Engineering Management Building	Vacant
245	E37	Fire Station Support Building	Fire Station Support Building
313	M41	Pier B	Not in use
321	R45	Supply Pier A	Not in use
334	G8	Concrete Ramp	Not in use
373	E37	Radio Tower	Radio Tower
384	D41	Storm Water Pumping Station	No key was available, therefore the interior was not observed
400	G41	Public Works Facility	Office Space
401	H16	Cooling Tower	Demolished. A 6,000-gallon AST is now located onsite

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

Table 1-1  
EDC Phase I Parcel List

Facility Number	Coordinates	Past Facility Use <sup>1</sup>	Current Facility Use
451A	F40	Switching Station	Switching Station
451L	F34	Switching Station	Switching Station
513	E41	Railroad Track Scales	Vacant
547	K46	Open Storage Area	Vacant
NS-652	H15	Bachelors Enlisted Quarters (BEQ) - Madia Hall	Barracks
658	D35	EM Barracks	Storage
664	G14	SUBGRU 6 Storage	Vacant
668	F15	Barracks	Barracks
669	F15	Barracks	Barracks
670	J14	Racquet & Fitness Center	Fitness Center and Meeting Rooms
675	H14	Dental Clinic	Archeological Research and Records Office
676	G14	Barracks	Barracks
677	G13	Barracks	Barracks
715	F32	Deep Well Pumphouse	Not in use
716	F32	Deep Well	Not in use
807	F46	Day Care Center	Child Development Center
1001	J47	Cylinder/POL Storage Shed	Vacant
1078	H45	Open Field	Open Storage
1079	H46	Hazardous/Flammable Storage Building	Vacant
1156	P45	Detachment (Demolished) create executive summary	Demolished
1157	P45	Detachment (Demolished) create executive summary	Demolished
1179	F36	Chapel	Used by the Academic Magnet High School
1221/1221A	P44/N44	Recreational Building - CRC Party Building; Public Works Facility	Vacant
1345	F34	Cochrane Field Restrooms	Restrooms
1385	H46	Field Office	Vacant
1400	F33	Baseball Press Box	Restrooms and Press Box

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

**Table 1-1  
EDC Phase I Parcel List**

<b>Facility Number</b>	<b>Coordinates</b>	<b>Past Facility Use<sup>1</sup></b>	<b>Current Facility Use</b>
1401	D32	Football Fields	Football Fields
1403	E32	Softball Field	Not in use
1405	E33	Baseball Field (Fletcher Field)	Baseball Field
1410	M45	Golf Course	Not in use
1412	E35	Softball Field	Softball Field
1447	L15	Bath House for Facility NS-59	Vacant
1448	L15	Filter House for Structure Ntr. NS-59	Vacant
1455	M45	Foot Bridge	Not in use
1501	B42	Warehouse	Truck Fleet Maintenance Center
1502	C42	Warehouse	Warehouse
1503	C41	Warehouse	Warehouse
1504	B41	Warehouse	Warehouse
1505	B42	Warehouse, NWS Housing Storage	Warehouse
1507	C40	Warehouse	Low Country Food Bank - Food Storage
1509	D40	Storage	Maintenance Repair and Storage
1513	C41	Storage Building - Rubber Lined	Demolished
1514	D41	Pumping Station	Disconnected
1601B	P46	Warehouse	Soil Remediation, Lead-Work Area, and Maintenance (Environmental Detachment)
1622	N48	Polaris Materials Office Warehouse	Vacant
1623	N48	Polaris Materials Office Warehouse	Vacant
1632	P46	Storage Warehouse	Storage Warehouse
1633	R46	Valve House	Not in use
1634	K47	Band Saw Shelter	Vacant
1635	K47	Field Office	Vacant
1642	H45	Automobile Storage	Vacant
1643	H45	Automobile Storage	Vacant
1651	G46	Pumphouse	Not in use

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

Table 1-1  
EDC Phase I Parcel List

Facility Number	Coordinates	Past Facility Use <sup>1</sup>	Current Facility Use
1652	R46	Guard House	Vacant
1656	P45	Navy Environmental Detachment	Maintenance Garage
1720	E37	Police Locker Room	Fire Fighter Locker Room
1721	K14	Refrigeration Equipment Building	Refrigeration Equipment Building
1764	E33	Sewer Pumping Station No. 4	Sewer Pumping Station No. 4
1765	E36	Sewer Pumping Station No. 5	Sewer Pumping Station No. 5
1768	N44	Sewer Pumping Station No. 8	Not in use
1776	J13	Mechanics Shop	Maintenance Garage and Supply Storage
1777	K13	Administration (CBU-412)	Storage and Restrooms
1778	K13	Tool and Storage Shop	Meeting and Break Room
1790	K12	Tennis Courts	Not in use
1812	E33	Sewage Pumping Station	Sewage Pumping Station
1823	G16	Bus Shelter	Bus Shelter
1873	L15	Flagpole	Removed
1876	H14	Flagpole	Flagpole
1877	K13	Wash Rack	Picnic Tables and Designated Smoking Area
1878	K13	CBU Flagpole	Removed
1879	J13	Equipment Building	Vacant
1880	J13	Material Liaison Office	Storage
1881	J13	Material Liaison Office	Storage
1882	J13	Material Liaison Office	Storage
1883	J13	CBU-412 Storage	Lawn Mower Maintenance
1884	J13	Steel Shop (CBU-412)	Maintenance Shop
1885	K13	Operations Office	Office Space
1886	J13	Locker Room	Locker Room and Storage
1892	K13	Supply	Break Room and Office Space
1894	K13	Collateral Storage	Collateral Storage

*Draft Environmental Baseline Survey for Transfer  
EDC Phase I Parcels  
Charleston Naval Complex  
October 1999*

Table 1-1  
EDC Phase I Parcel List

Facility Number	Coordinates	Past Facility Use <sup>1</sup>	Current Facility Use
1898	J13	BEQ Storage	Storage
1899	J13	Steelworker Shop	Vacant
1902	D37	Sentry House, Gate 2	Demolished
1981	F32	Service Station Sign	Removed
1982	F36	Information Sign by Stern Mall /Hobson Avenue	Not in use
2501	NS Annex	Radar Lounge	Vacant
2507	NS Annex	Bath House	Vacant
2535	NS Annex	Water Treatment Facility	Not in use
2536	NS Annex	Administration Company, MOMAG	Vacant
2550	NS Annex	Basketball Court	Not in use
2552	NS Annex	Swimming Pool	Filled with soil
2553	NS Annex	Soccer Field	Not in use
2555	NS Annex	Entrance Sign	Removed
2557	NS Annex	Sewage Pumping Station	Not in use
Obstacle Course	J14	Obstacle Course	Obstacle Course
OL-1	E11	Open Land Area (OL-1) - Dredged Materials Area (DMA)	Open Land Area
SCE&G Storage Yard	K13	Transformer Storage Yard	SCE&G Storage Yard

**Notes:**

Coordinates correspond to facility locations on site maps included in Appendix A.

<sup>1</sup> - Past Facility Use is based on base-wide 1996 EBS.

- Support notice, (when required under Section 120(h)(1) of CERCLA), of the type, quantity, and time frame of any storage, release, or disposal of hazardous substances or petroleum products on the property.
- Identify data gaps concerning environmental contamination.