

**FACILITY ASSESSMENT REPORT  
FOR  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA  
DRAFT-FINAL SUBMITTAL**

**Prepared for:**

**Naval Facilities Engineering Command  
Atlantic Division  
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## List of Acronyms

AOC	Areas of Concern
ASTs	Above-ground Storage Tanks
BTEX	Benzene, toluene, ethylbenzene, and xylene
CARC	Carcinogenic
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOD	Department of Defense
EMD	Environmental Management Department
EnSafe	Environmental and Safety Designs, Inc.
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FFA	Federal Facilities Agreement
FMT	Fleet Marine Force
ft <sup>2</sup> /day	Feet Squared Per Day
ft <sup>3</sup>	Cubic Feet
HC	Hydrocarbons
HMPPP	Hazardous Materials Pollution Prevention Plan
HWSSP	Hazardous Waste Storage Site Plan
IAS	Initial Assessment Study
IRA	Initial Risk Assessment
IRP	Installation Restoration Program
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCOLF	Marine Corps Outlying Landing Field
msl	Mean Sea Level
NACIP	Navy Assessment and Control of Installation Pollutants
NBC	Nuclear, Biological, and Chemical
NCAC	North Carolina Administrative Code
NCDEHNR	North Carolina Department of Environment, Health, and Natural Resources
NCP	National Contingency Plan
NEESA	Naval Energy and Environmental Support Activity
NO <sub>x</sub>	Nitrogen Dioxide
NPL	National Priorities List
OB/OD	Open Burning and Open Detonation
ppt	Parts per thousand
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RD	Remedial Design
ROD	Record of Decision
SARA	Superfund Amendments and Reauthorization Act
SO <sub>x</sub>	Sulfur Dioxides
SP	Suspended Particulates
SWMUs	Solid Waste Management Units
TSD	Treatment Storage and/or Disposal

USGS  
USMC  
UST

United States Geological Survey  
United States Marine Corps  
Underground Storage Tank

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## **1.0 INTRODUCTION**

This section of the preliminary review and visual site inspection report outlines the facility assessment project's purpose and scope and presents an overview of this report's remaining sections.

### **1.1 Project Scope of Work**

As part of the project scope, Environmental and Safety Designs, Incorporated (EnSafe), personnel reviewed information and documentation from the current base Hazardous Materials Pollution Prevention Plan (HMPPP), the Resource Conservation and Recovery Act (RCRA) Corrective Measures Cost Study, the Hazardous Waste Storage Site Plan (HWSSP), the Industrial Waste Collection and Treatment Facilities plans, the Storm Water Discharge Study, and many other studies. Portions of those documents providing relevant information on potential solid waste management units (SWMUs) and areas of concern (AOC) have been incorporated into this report. Units identified in this report are all designated SWMUs even though some are AOCs.

### **1.2 Contents of Report**

This report presents the results of the records and unit reviews EnSafe personnel conducted at Marine Corps Base (MCB) Camp Lejeune (including Marine Corps Air Station [MCAS] New River) in Onslow County, Camp Lejeune, North Carolina. Information for this investigation and report was obtained from sources provided in the Preliminary Review Document or during the visual site inspection and includes:

- Waste streams and the specific solid wastes generated, handled, or otherwise managed onsite at approximately 300 units.
- Potential SWMUs, both active and inactive, included in the units reviewed, excluding Comprehensive Environmental Response, Compensation, and Liability Act/Federal Facilities Agreement (CERCLA/FFA), RCRA closure, and underground storage tank (UST) sites with the exception of 21 used oil USTs.
- Potential AOCs based on the likelihood of past or continuing releases to the environment from the units reviewed.

EnSafe inspected the unit from November 15 to December 10, 1993. The EnSafe inspection team comprised Robert Moser, Chris McKeeman, Lisa Bennett, and Brian Mulhearn.

As part of the unit inspection, EnSafe performed the following tasks:

- Verified the existence of the potential SWMUs and AOCs identified during the document review, excluding CERCLA/FFA, RCRA closures, and UST sites previously reviewed.
- Reviewed areas, due to visual observation or discussion with base personnel, indicating the potential of being previously unidentified potential SWMUs or AOCs. A list of these and all other potential SWMUs and/or AOCs are provided within this report.
- Verified and obtained factual information to properly characterize units, including visual inspection of the units/areas, discussions with key personnel responsible for the proper management of said units/areas, and photographing all units/areas to illustrate current conditions. Complete characterization of each potential SWMU and AOC includes:
  - Type of unit,
  - Period of operation,
  - Physical description and condition,
  - Waste managed,
  - Release pathways,
  - History of or evidence of a release, and
  - Recommendation.
- Reviewed site information with Camp Lejeune Environmental Management Department (EMD) representatives and collected additional information to determine and recommend necessary further actions, if any.

Section 2.0 of this report describes the operations (current and past) at MCB Camp Lejeune. Section 3.0 provides an overview of the environmental setting at the facility, including meteorology and air quality, floodplain and surface water, geology and soil, groundwater, and receptor information. Section 4.0 presents an overview of release pathways at the facility, including the potential for releases to soil, groundwater, surface water, and air. Section 5.0 discusses the SWMUs and AOCs identified during the file review and visual site inspection. Section 6.0 summarizes conclusions and suggested further actions for individual units. Section 7.0 suggests approaches for sampling and analysis. Section 8.0 lists references. The individual unit inspection check sheets, photographs, and sketches, are provided within appendices A, B, and C, respectively. Appendix D provides a listing of each unit by unit type.

## **2.0 FACILITY AND PROCESS INFORMATION**

This section of the report includes the facility location, historical and current operations, a brief description of each unit identified, and the wastes managed at each unit.

### **2.1 Location**

MCB Camp Lejeune is located within Onslow County (i.e., southeastern North Carolina) approximately 45 miles south of New Bern, North Carolina, and 47 miles north of Wilmington, North Carolina. MCB Camp Lejeune is on the southeast coast of North Carolina with a 12-mile ocean front extending from Bear Inlet to New River Inlet and encompassing approximately 170 square miles of land and water. A vicinity map is included as Figure 2-1, illustrating MCB Camp Lejeune's location in North Carolina.

### **2.2 History and Current Operations**

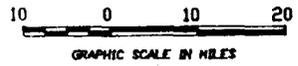
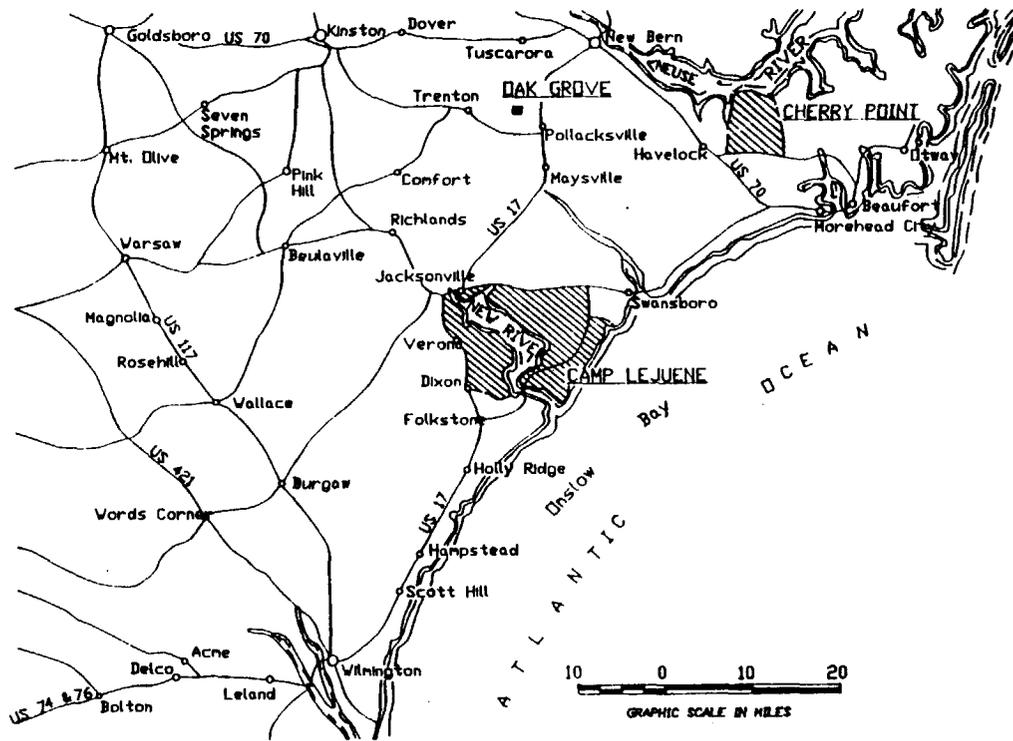
Site selection for "The World's Most Complete Amphibious Training Base" was made in the 1940s. The camp's construction began in 1941 after extensive land acquisition. It was named in honor of Lieutenant General John A. Lejeune, U.S. Marine Corps (USMC) (Water and Air Research, Inc. 1983).

Base construction started on Hadnot Point, where the major functions were centered. As the facility grew and developed, Hadnot Point became crowded with maintenance and industrial activities. Overcrowding led to creating a master plan addressing these and other present and potential problems.

During World War II, Camp Lejeune was a training area to prepare Marines for combat. This function continued during the Korean and Vietnam wars. Toward the end of World War II, the camp was designated as a home base for the Second Marine Division. Since then, Fleet Marine Force (FMF) units also have been stationed here as tenant commands.

By 1945, construction in the Montford Point, Camp Geiger, and Courthouse Bay areas was complete. Montford Point, originally designated for troop training, now is used for Marine Corps Service Support Schools. In the 1940s, recent recruits from Parris Island received tactical training at Camp Geiger. This practice has been discontinued, however. Courthouse Bay conducts amphibious training, while Paradise Point is still the site of housing for commissioned personnel. Non-commissioned housing is provided in Tarawa Terrace I and II, Midway Park, and other designated areas.

MCAS New River was set up as a separate command in 1951. At that time, the area was designated Peterfield Point, but the name was changed in 1968. In 1942, three runways were added and the station came under the jurisdiction of MCAS Cherry Point.



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FIGURE 2-1  
 VICINITY MAP  
 MARINE CORPS. BASE  
 CAMP LEJEUNE, N.C.

DWG DATE: 01/12/94 | DWG NAME: LEJEUNA1

During this time a PBJ squadron was based here and the facility also was used for glider training (NAVFACENGCOM 1975). During the Korean War, New River was used as a helicopter training base and for jet-fighter touch-and-go training exercises (Water and Air Research, Inc. 1983).

In 1968, Marine Corps Outlying Landing Field (MCOLF) Oak Grove was placed under of MCAS New River's jurisdiction. The field was under the command of MCAS Cherry Point. At the end of the Vietnam War, all structures were destroyed except for runways.

### **2.3 Summary of Waste Handled**

MCB Camp Lejeune generates a wide variety of hazardous wastes either from use of hazardous materials or from expired shelf-life hazardous materials. Hazardous wastes generally can be classified as waste batteries, waste oil filters, patch test fluid, waste solvent, waste nuclear, biological, and chemical (NBC) gear, waste paint, discarded commercial chemical products, and others.

Waste batteries are made up of lithium, magnesium, mercury, nickel-cadmium, and electrolyte. Lithium batteries are used in communications and high-tech weaponry equipment. Lithium batteries, which are spent or discarded without being deactivated, exhibit the reactivity RCRA characteristic (Hazardous Waste No. D003). Magnesium and mercury batteries are used in communications equipment and exhibit the RCRA characteristic for chromium (Hazardous Waste No. D007) and mercury (Hazardous Waste No. D009), respectively. Nickel-cadmium batteries are used in power avionics and communications equipment and exhibit RCRA characteristic for cadmium (Hazardous Waste No. D006). Waste battery electrolyte is generated when lead-acid batteries are drained, wet cell nickel-cadmium batteries are discarded, or when waste electrolyte is discarded. Electrolyte can exhibit the RCRA characteristic corrosivity, and/or lead, and/or cadmium, depending on lead or cadmium's presence (Hazardous Waste Nos. D002, D008, D006).

Waste oil filters routinely are generated from vehicle and aircraft maintenance. These oil filters have either terne-plated or non-terne-plated casings. Terne-plated used oil filters exhibit the RCRA characteristic for lead (Hazardous Waste No. D008).

Freon is used in testing hydraulic systems for leaks. This test procedure results in hydraulic fluid becoming mixed with Freon. Freon is a listed RCRA hazardous waste (Hazardous Waste No. F002). This mixture is recycled at Building AS-605 (MCAS New River) in a batch distillation process to recover the Freon for reuse.

Various solvents, such as methyl ethyl ketone, toluene, xylene, and methylene chloride are used in vehicle, military hardware, and aircraft maintenance. These waste solvents either exhibit a RCRA characteristic or are listed as a RCRA hazardous waste (Hazardous Waste Nos. D001,

D018 to D043, and F001 to F005). Another solvent, PD-680, is widely used in part washers at MCB Camp Lejeune. However, PD-680 does not exhibit a RCRA characteristic nor is it a listed RCRA hazardous waste.

Waste NBC items (i.e., decontamination kits, charcoal filters/canisters, antidote kits, et. al.) exhibit an number of RCRA characteristics (Hazardous Waste Nos. D001, D002, D003, and D008). These items are usually generated due to training use or expired shelf-life.

There are two categories of waste paint generated, enamel and carcinogenic (CARC) paint. These paints are collected into single containers for disposal. These paints may exhibit a RCRA characteristic and/or contain a RCRA listed hazardous waste (Hazardous Waste Nos. D001, D007, D008, D018 through D043, and F001 through F005).

The Naval Hospital is a major generator of discarded commercial chemical products. The vast majority of these materials are discarded due to expired shelf-life. Discarded items can exhibit a RCRA characteristic and/or contain a RCRA list hazardous waste. Their generation rates vary.

A list of the hazardous waste generated at MCB Camp Lejeune is provided below in Table 2-1. This list includes the line number is shown on MCB Camp Lejeune's RCRA Part A permit application, a waste description, the RCRA Hazardous Waste Code, and hazard code.

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
1	DIESEL FUEL WITH DRY-CLEANING SOLVENT PD-680-DIESEL FUEL	D001	I
1	CORROSION PREVENTIVE COMPOUND P-L	D001	I
1	CITRA-SOLV-SATURATED ALIPHATIC HYDROCARBONS, AROMATIC HYDROCARBONS, CITRIC ACID, OTHER PETROLEUM DISTILLATES	D001	I
1	DIISOCYANATES	D001	I
1	CORROSIVE PREVENTIVE COMPOUND	D001	I
1	DIATEX SYNTHETIC MOUNTING AGENT	D001	I
1	MINERAL SPIRITS	D001	I
1	POLYESTER RESIN VARNISH	D001	I
1	NAPHTHA	D001	I
1	OIL/FUEL	D001	I
1	PAINT ENAMEL/ALKYD	D001	I
1	PLASTIC POLISH	D001	I
1	NAPHTHA (BLANKET WASH)	D001	I
1	PRESERVATIVE COATING COMPOUND	D001	I
1	FORMALIN, FORMALDEHYDE SOLUTION	D001	I
1	DENATURED ALCOHOL (ETHYL ALCOHOL)	D001	I
1	CAMCO QUICK STAIN	D001	I
1	DRY-CLEANING SOLVENT/UNUSED PRODUCT/PD-680	D001	I
1	BREAK FREE-CLP	D001	I
1	EPOXY	D001	I
1	BUTANE	D001	I
1	FINGERPRINT REMOVER WEAPONS CLEANER	D001	I
1	BUTANE	D001	I
1	ETHYLENE GLYCOL MONOBUTYL ETHER (BUTYL CELLOSOLVE)	D001	I

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
1	FAST RAY SELF-CURING PLASTIC-SOLVENT	D001	I
1	AMMONIUM SULFIDE SOLUTION	D001	I
1	PD-680 DRY-CLEANING SOLVENT	D001	I
1	DE-ICING FLUID	D001	I
1	ETHYL ALCOHOL, M229 REFILL KIT FILTER PACKAGES	D001	I
1	BONDO DENT FILLER	D001	I
1	PAINT - BUILDING MAINTENANCE PIGMENTS AND SOLUBLE ORG.	D001	I
1	DEVELOPER (NASHUA BRAND) PETROLEUM DISTILLATES	D001	I
1	BENZOIN TINCTURE - BENZOIN, ISOPROPYL ALCOHOL	D001	I
1	GRAM STAIN SET - BACTO GRAM DECOLORIZER DISCARDED MEDICAL ITEM ACETONE, ISOPROPYL ALCOHOL	D001	I
1	JET KIT ACRYLIC TOOTH SHADES-RESIN LIQUID	D001	I
1	M256 TRAINS	D001	I
1	GIESMA STAIN	D001	I
1	ISOPROPYL ALCOHOL	D001	I
1	M280 DECON KIT	D001	I
1	GIESMA STAIN DISCARDED MEDICAL METHANOL	D001	I
1	M258/M258A1 ETHYL ALCOHOL, ZINC CHLORIDE, AMPULE CHLORAMINE B	D001	I
1	KODAK-RAPID FIXER PART B	D001	I
1	LAB PACK CHEMICALS	D001	I
1	KEROSENE	D001	I
1	LUBRICANT, SOLID FILM (AEROSOL)	D001	I
1	M58 DECONTAMINATION KIT	D001	I
1	M-258 A1 DECON KIT	D001	I
1	GRAM STAIN SET-BACTO GRAM DECOLORIZER	D001	I
1	TURPENTINE IN XYLENE	D001	I

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
1	GRAM STAIN SET - SAFRANIN STAIN	D001	I
1	WASTE RAGS CONTAMINATED WITH NAPHTHA 40%	D001	I
1	TONER	D001	I
1	RIFLE BORE CLEANER-PETROLEUM HYDROCARBON, LIGHTWEIGHT OIL, EMULSIFIER, ALCOHOL, SOAP	D001	I
1	HAND-PIECE CLEANER	D001	I
1	HEMA TEST-TEST FOR BLOOD IN FECES	D001	I
1	PROPANE DISCARDED	D001	I
1	PURGE 111 INSECTICIDE	D001	I
1	RUBBER CEMENT	D001	I
1	VAR SOL	D001	I
1	IGNITABLE UNUSED ADHESIVE, CONTAINS TOLUENE, TETRAHYDROFURAN	D001	I
1	WALKWAY-BUTYL ACETATE, VM&P NAPHTHA, MINERAL SPIRITS, BUTYL CELLOSOLVE, BUTYLALDEHYDE OXIME	D001	I
1	HEMOCULT	D001	I
1	ISOPROPYL ALCOHOL	D001	I
1	MODEL ENGINE FUEL-METHYL ALCOHOL, NITROMETHANE, OTHER NITROPARAFFINS	D001	I
1	SOLDER FLUX	D001	I
1	TENT PATCH KIT-NATURAL RUBBER, ACETONE, TOLUENE	D001	I
2	KODAK RPX-OMAT DEVELOPER REPLENISHER PART B	D001, D002	I,C
2	ACETIC ACID, GLACIAL, EXPIRED SHELF- LIFE	D001, D002	I,C
2	M258/M258A1 ETHYL ALCOHOL, PHENOL, SODIUM HYDROXIDE, AMMONIA	D001, D002	I,C
2	ACETIC ACID, GLACIAL, USED	D001, D002	I,C
174	M229 REFILL KIT-ENTIRE KIT	D001, D002, D011, U088	I,C,T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
175	M72A2 CHEMICAL TEST KIT, NBC TESTING	D001, D002, U103, U020	I,C,R,T
3	DECONTAMINATION KIT, EXPIRED SHELF-LIFE	D001, D002, D003, D004, U154	I,C,R,T
2	DS-2, DIETHYLENETRIAMINE, EXPIRED SHELF-LIFE	D001, D002	I,C
4	DECONTAMINATION KIT, EXPIRED SHELF-LIFE	D001, D002, D003, D009, U154	I,C,R,T
5	PRIMER PRETREATMENT RESIN, ACID	D001, D002, D007	I,C,T
6	M256 KIT METHANOL, MERCURIC CYANIDE AMPULE NO. 3, POSITION 2	D001, D003, D009	I,R,T
7	USED OIL/FUEL OFF SPECIFICATION	D001, D004-D011	I,T
8	PAINT AND SOLVENT-VM&P NAPHTHA, ALCOHOLS, ACETONE, XYLENE, ALIPHATIC, AROMATIC HYDROCARBONS, GLYCOLS, LEAD CHROMATE, PIGMENTS	D001, D004- D011, D035, F003, F005	I,T
10	USED SOLVENT, CONTAINS BARIUM, CHROMIUM, LEAD, 1,2- DICHLOROETHANE	D001, D005, D007, D018, D028	I,T
9	USED SOLVENT, CONTAINS BENZENE, BARIUM, CHROMIUM, LEAD	D001, D005, D007, D008, D018	I,T
11	SPENT SOLVENT, CONTAINS BARIUM, LEAD, BENZENE, METHYL ETHYL KETONE	D001, D005, D008, D018, F005	I,T
12	USED SOLVENT AND PAINT, CONTAINS METHYL ETHYL KETONE, TOLUENE, LEAD	D001, D005, D006, D007, D008	I,T
13	PAINT-POLYESTER RESIN, TITANIUM DIOXIDE, BUTYL ACETATE, ETHYLENE GLYCOL MONO METHYL ETHER ACETATE, PROPYLENE GLYCOL MONO METHYL ETHER ACETATE, METHYL ETHYL KETONE, HOMOPOLYMER OF HEXAMETHYLENE	D001, D005, D006, D007, D008, D035	I,T
14	CORROSION PREVENTIVE-FINGERPRINT REMOVER	D001, D005	I,T
15	USED SOLVENT, CONTAINS METHYL ETHYL KETONE, BARIUM, LEAD	D001, D005, D007, F005	I,T
16	USED PAINT, CONTAINS BARIUM, LEAD	D001, D005, D008	I,T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
16	LAB PACK CHEMICALS	D001, D005, D008	I,T
17	SPENT LUBRICANT, CONTAINS BARIUM, BENZENE	D001, D005, D018	I,T
18	CARC PAINT-POLYESTER RESIN, TITANIUM DIOXIDE BUTYL ACETATE, ETHYLENE GLYCOL MONOETHYL ETHER ACETONE, PROPYLENEGLYCOMONOMETHYL ETHER ACETONE, METHYL ETHYL KETONE, HOMOPOLYMER OF HEXAMETHYLENE	D001, D005, D035	I,T
19	SPENT THINNER, PAINT, CONTAINS CADMIUM, CHROMIUM, METHYL ISOBUTYL KETONE, METHYL ETHYL KETONE	D001, D006, D007, F003, F005	I,T
20	USED PAINT, CONTAINS TOLUENE, CHROMIUM	D001, D007	I,T
20	USED OR EXPIRED PAINT, CONTAINS CHROMIUM, MINERAL SPIRITS	D001, D007	I,T
21	SPENT SOLVENT, CONTAINS CHROMIUM, METHYL ETHYL KETONE, XYLENE	D001, D007, F003, F005	I,T
23	PAINT AND PAINT CANS NON-AEROSOL METAL CANS, POLYESTER RESINS, TITANIUM DIOXIDE, BUTYL ACETATE, ETHYLENEGLYCOL MONOMETHYL ETHER ACETATE	D001, D007, D008, D035	I,T
23	DIESEL FUEL/PAINT	D001, D007, D008, D035	I,T
24	PAINT AND SOLVENT DISTILLING PROCESS TOLUENE, VM&P NAPHTHA, ALCOHOL, ACETONE, XYLENE, ALIPHATIC AROMATIC HYDROCARBONS, GLYCOLS, LEAD CHROMATE	D001, D007, D008, D035, F003, F005	I,T
23	CARC PAINT-POLYESTER RESIN TITANIUM DIOXIDE BUTYL ACETATE, ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE, PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE, HOMOPOLYMER OF HEXAMETHYLENE, CLAY SUSPENSION (XYLENE), METHYL ISOBUTYL KETONE	D001, D007, D008, D035	I,T
23	PAINT ENAMEL ALKYD-ETHYL ALCOHOL, BUTYL ALCOHOL, ACETONE, METHYL ETHYL KETONE, XYLENE	D001, D007, D008, D035	I,T
23	AEROSOL PAINT CANS-METAL CAN, PAINT PIGMENTS, PROPANE, ISOBUTANE, XYLENE, TOLUENE, METHYL ISOBUTYL KETONE, RESINS, ZINC CHROMATE, LEAD CHROMATE	D001, D007, D008, D035	I,T
20	PRIMER, PHOSPHORIC ACID	D001, D007	I,T
22	FLAMMABLE PAINT, USED	D001, D007, D008	I,T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
22	USED PAINT, CONTAINS CHROMIUM, LEAD, METHANOL	D001, D007, D008	I,T
25	CARC PAINT-HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE, METHYL ISOAMETHYL KETONE BUTYL ACETATE, TITANIUM DIOXIDE RESIN, CHROMIUM OXIDE	D001, D007, D035	I,T
25	EPOXY PAINT	D001, D007, D035	I,T
26	SPENT SOLVENT, CONTAINS CHROMIUM, TOLUENE	D001, D007, F005	I,T
27	CORROSION PREVENTIVE COMPOUND P-2	D001, D008	I,T
27	CORROSION PREVENTION COMPOUND-OXIDIZED ASPHALT, STODDARD SOLVENT, LEAD TALLATE, NAPHTHA	D001, D008	I,T
27	CORROSION PREVENTIVE COMPOUND P-2 SPILL CLEANUP	D001, D008	I,T
28	PVA FIXATIVE	D001, D009	I,T
28	TPI-TITRATOR REAGENT MERCURIC NITRATE SOLUTION	D001, D009	I,T
28	PVA FIXATIVE DISCARDED MEDICAL ITEM	D001, D009	I,T
29	EXPIRED LUBRICANTS, CONTAIN LEAD, TOLUENE	D001, D009, F005	I,T
30	M256/M256A1 DETECTOR KITS	D001, D009, P030	I,T,H
31	SILVER NITRATE APPLICATOR	D001, D011	I,T
32	STRIPPER - HALOGENATED ALIPHATIC/AROMATIC, NON- HALOGENATED ALIPHATIC/AROMATIC, METHYLENE CHLORIDE, DICHLOROPROPANE	D001, D022, D039, F002	I,T
33	CARC PAINT, WHITE-METHYL ETHYL KETONE, ALIPHATIC ISOCYANATES, ETHYL 3-ETHOXYPROPIONATE, ETHYL ACETATE, N-BUTYL ACETATE	D001, D035	I,T
34	KEROSENE, PAINT, PAINT SOLVENT	D001, D035, F003, F005	I,T
33	ADHESIVE-ISOMETRIC HYDROCARBONS, TOLUENE, METHYL ETHYL KETONE, ACETONE, ALCOHOLS, RESINS	D001, D035	I,T
33	EPOXY THINNER-METHYL ETHYL KETONE, METHYL ISOBUTYL KETONE, METHYL ETHER, ETHYLENE GLYCOL, ETHYLENE GLYCOL MONOMETHYL ETHER	D001, D035	I,T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
33	AIRCRAFT COATING THINNER-XYLENE, TOLUENE, OXOHXYL ACETATE, N-BUTYL ACETATE, METHYL ETHYL KETONE, 4-METHYL 2-PENTENONE, PROPYLENE GLYCOL MONOMETHYL ETHER, ALIPHATIC HYDROCARBONS, AROMATIC HYDROCARBONS	D001, D035	I,T
33	ASPHALT ADHESIVE-RESINS, METHYL ETHYL KETONE, ASPHALT, TARS, RUBBERS	D001, D035	I,T
35	PARTS CLEANER/GASOLINE	D001, D039	I,T
36	PAINT, WASTE SOLVENTS	D001, F002, F003, F005	I,T
37	XYLENE MEDICAL LAB	D001, F003	I
37	ALCOHOL	D001, F003	I
38	SPENT SOLVENTS CONTAIN METHYL ETHYL KETONE, XYLENE	D001, F003, F005	I,T
38	SPENT SOLVENTS CONTAIN TOLUENE, XYLENE	D001, F003, F005	I,T
39	SOLVENT MIXTURE ISOPROPYL ALCOHOL, TOLUENE, ACETONE, PETROLEUM ETHER, ISO-OCTANE, PETROLEUM FUEL	D001, F005	I,T
40	DIMETHOATE 2E SYSTEMIC INSECTICIDE	D001, P044	I,H
41	FORMALDEHYDE SOLUTION, DISCARDED METHANOL	D001, U122	I
42	METHANOL UNUSED	D001, U154	I
43	METHYL METHACRYLATE, DISCARDED	D001, U162	I,T
44	TOLUENE, EXPIRED SHELF-LIFE	D001, U220	I,T
46	CLEANING COMPOUND	D002	C
46	TPI-TITRATOR REAGENT NITRIC ACID	D002	C
46	SODIUM HYDROXIDE PARTS WASHER	D002	C
46	ELECTROLYTE, UNUSED	D002	C
46	SODIUM HYDROXIDE	D002	C
46	STB LIQUID SUPER TROPICAL BLEACH	D002	C
46	KODAK-FIXER AND REPLENISHER-PART B	D002	C
46	PHOSPHORIC ACID	D002	C

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
46	AMMONIUM HYDROXIDE	D002	C
46	BUFFER SOLUTION M229 REFILL KIT, BUFFER SOLUTION CONTAINERS	D002	C
46	KODAK-X-RAY-DEVELOPER	D002	C
46	PIERCE UREA NITROGEN RAPID STAT KIT-ACID REAGENT	D002	C
46	LAB PACK CHEMICALS	D002	C
46	NITRIC ACID	D002	C
46	NITRIC ACID	D002	C
46	MURIATIC ACID (HYDROCHLORIC)	D002	C
46	MOLYBDATE REAGENT	D002	C
46	ACETIC ACID	D002	C
46	DS-2 CORROSIVE, UNUSED	D002	C
46	HYDROCHLORIC ACID	D002	C
46	NAVAL JELLY	D002	C
47	SPENT SOLVENTS CONTAINS METHYLENE CHLORIDE, BARIUM, CADMIUM, CHROMIUM, LEAD	D002, D005, D006, D007, D008, F002	C,T
48	NICKEL-CADMIUM BATTERIES (WET)	D002, D006	C,T
50	SPENT SOLVENTS CONTAIN METHYLENE CHLORIDE, CHROMIUM, LEAD	D002, D007, D008, F002	C,T
49	BRIGHT DIP (CHROMIC ACID)	D002, D007	C,T
49	PHOSCOTE	D002, D007	C,T
49	ALODINE	D002, D007	C,T
51	ELECTROLYTE BATTERY ACID	D002, D008	C,T
52	SILVER ZINC BATTERIES	D002, D011	C,T
53	EXPIRED CLEANING COMPOUND, CONTAINS METHYLENE CHLORIDE, FORMIC ACID	D002, F002	C,T
54	LITHIUM BATTERIES	D003	R

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
54	GAS PAK - DISPOSABLE HYDROGEN AND CARBON DIOXIDE GENERATOR	D003	R
54	GAS PAK-DISPOSABLE HYDROGEN AND CARBON DIOXIDE GENERATOR MEDICAL	D003	R
54	CALCIUM HYDRIDE	D003	R
54	ZINC MIX PACKET-M272 KIT	D003	R
54	LAB PACK CHEMICALS	D003	R
54	LAB PACK CHEMICALS	D003	R
55	CLEANING COMPOUND PARTS CLEANING SODIUM SULFIDES, CYANIDES, CADMIUM, LEAD, SODIUM HYDROXIDE	D003, D006, D008	R,T
56	SODIUM ARSENITE M272 KITS ORANGE BAND TUBES	D004	T
56	M272 SODIUM ARSENITE ORANGE BAND TUBES-SOLID	D004	T
57	METAL CARBON CARTRIDGE/FILTERS	D004, D005, D006, D007, D008, D009, D010, D011	T
58	M272 ENTIRE KITS	D004, D009, P030, P098, U041	T,H
59	LACQUER, EXPIRED SHELF-LIFE	D004, D009, P030, P098	T,H
60	DRY-CLEANING SOLVENT/FINGERPRINT REMOVER-METHYLENE CHLORIDE, PARAFFIN HYDROCARBONS, NAPHTHA HYDROCARBONS, AROMATIC HYDROCARBONS, METHYLAMYL ALCOHOL	D004, D011, F001, F005	I,T
61	PAINT-RELATED MATERIAL AND WATER-METHYL ETHYL KETONE, PAINT, WATER	D004-D011, D035, F001-F005	I,T
62	SPENT CORROSION PREVENTATIVE, CONTAINS BARIUM	D005	T
63	SPENT BLASTING MEDIA, CONTAIN BARIUM, CADMIUM, CHROMIUM, LEAD	D005, D006, D007, D008	T
64	SPENT SOLVENT, CONTAINS METHYLENE CHLORIDE, BARIUM, CADMIUM, CHROMIUM, LEAD	D005, D006, D007, D008, F002	T
65	SPENT BATTERIES, CONTAIN BARIUM, CHROMIUM	D005, D007	T
66	NICAD BATTERIES (DRY)	D006	T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
68	RAGS, CLEANUP OF PAINT STRIPPER	D006, D007, D008, F002	T
67	CITRIKLEEN SLUDGE, ETHANOLAMINE	D006, D007, D008	T
69	SAND BLAST GRIT	D006, D008	T
70	OIL MIXED WITH SOLVENT PARTS-CLEANING PETROLEUM OILS AND STODDARD SOLVENTS	D006, D008, D018	T
71	CHARCOAL FILTERS, DISCARDED GAS MASK FILTERS	D007	T
71	SPILL RESIDUE, CHROMIUM	D007	T
71	MAGNESIUM BATTERIES	D007	T
71	TICONIUM METAL AND WASTE DENTAL WORK	D007	T
74	PAINT STRIPPER AND SOLVENTS-TOLUENE, XYLENE, METHYL ETHYL KETONE, PAINT PIGMENTS, METHYLENECHLORIDE, LEAD CHROMATE, MINERAL SPIRITS	D007, D008, D035, F002, F003	I,T
72	PAINT IN PAINT CANS (SOLID OR SEMISOLID)-METAL CANS, SYNTHETIC RESINS, PIGMENTS, CLAY SUSPENSION, LEAD CHROMATE MINERAL SPIRITS	D007, D008	T
72	PAINT SPILL CLEANUP-CLAY ABSORBENT, FIBER ABSORBENT, METAL CANS, PAINT PIGMENT, RESINS	D007, D008	T
72	SPILL RESIDUE CONTAMINATED WITH PAINT ENAMEL/ALKYD	D007, D008	T
73	WASTE PAINT, SOLVENTS	D007, D008, D035	T
73	PAINT SPILL CLEANUP	D007, D008, D035	T
75	SPENT SOLVENT, CHROMIUM, LEAD, METHYLENE CHLORIDE	D007, D008, F002	T
76	SPENT GAS MASK FILTERS, CONTAIN CHROMIUM, SILVER	D007, D011	T
77	SPILL RESIDUE, CHROMIUM, METHYLENE CHLORIDE, METHYL ETHYL KETONE	D007, D035, F001	T
78	SPENT SOLVENT, CONTAINS CHROMIUM, METHYL ETHYL KETONE	D007, F002	T
79	GREASE	D008	T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
79	VENTILATION SYSTEM PAINT WASTE - VEHICLE PAINTING OIL AND PAINT PIGMENTS	D008	T
79	OIL/CONTAMINATED WITH LEAD	D008	T
79	USED OIL FILTERS TERNE PLATED AND ALLOY OF TIN AND LEAD	D008	T
80	OIL/CONTAMINATED WITH HALOGENS, LEAD	D008, F001	T
81	MERCURY, DISCARDED METALLIC	D009	T
81	MERCURY BATTERIES	D009	T
81	TPI-TITRATOR REAGENT, MERCURIC NITRATE SOLUTION	D009	T
81	SPILL RESIDUE, MERCURY THERMOMETERS	D009	T
82	NBC M272 BLUE BAND TUBES MERCURIC CYANIDE	D009, P030	T,H
83	COLEMAN FUEL	D010	T
84	RECYCLE/REMOVAL OF D011 WASTE FROM PHOTOGRAPHIC PROCESSING EFFLUENT	D011	T
84	SILVER NITRATE M229 REFILL, FILTER PACKAGES	D011	T
85	SILVER CYANIDE DISCARDED PLATING MATERIAL	D011, P104	T
88	LINDANE, EXPIRED SHELF-LIFE	D013, U129	T
101	SOIL/SPILL RESIDUE WITH MUSTARD SIMULANT	D026	T
101	MUSTARD SIMULANT	D026	T
115	DRY-CLEANING FILTERS	D039, F001	T
115	PERCHLOROETHYLENE - DEGREASING OR DRY CLEANING	D039, F001	T
120	1,1,1-TRICHLOROETHANE - SPENT PRODUCT USED IN DEGREASING	F001	T
120	HYDRAULIC FLUID AND FREON	F001	T
121	HALOGENATED AEROSOL, CORROSION INHIBITOR AND LUBRICANTS DICHLORODIFLUOROMETHANE, TRICHLOROTRIFLUOROMETHANE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHANE, TRICHLOROFLUOROMETHANE, TETRACHLOROETHYLENE	F001-F005	I,T
122	COMPRESSOR OIL AND REFRIGERANT	F002	T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
122	FREON 113, TRICHLOROTRIFLUOROETHANE - INSTRUMENT CALIBRATION, DRYING	F002	T
122	SPILL RESIDUE-METHYLENE CHLORIDE	F002	T
122	SPILL CLEANUP OF TRICHLOROTRIFLUOROETHANE	F002	T
122	METHYLENE CHLORIDE - PAINT REMOVER	F002	T
122	1,1,1-TRICHLOROETHANE - SPENT PRODUCT	F002	T
122	FUEL OIL	F002	T
122	OIL/CONTAMINATED WITH HALOGENS	F002	T
123	RAGS, CONTAIN TRICHLOROTRIFLUOROETHANE, METHYL ETHYL KETONE	F002, F005	I,T
124	METHANOL - PAINTING	F003	I,T
124	METHYL ISOBUTYL KETONE-SPENT PAINTING OR DEGREASING	F003	I,T
124	ACETONE SPENT	F003	I,T
124	XYLENE	F003	I,T
125	RAGS, CONTAIN ALCOHOL, METHYL ETHYL KETONE	F003, F005	I,T
126	NON-HALOGENATED SOLVENTS - CRESOL AND CRESYLIC ACID	F004	T
127	RAGS, CONTAIN METHYL ETHYL KETONE	F005	I,T
127	NON-HALOGENATED SOLVENTS - TOLUENE, METHYL ETHYL KETONE	F005	I,T
128	ALUMINUM PHOSPHIDE	P006	R,T
129	BERYLLIUM	P015	H
130	COPPER CYANIDE DISCARDED PLATING MATERIAL	P029	H
131	POTASSIUM FERROCYANIDE M272 KITS TICKET PACKETS	P030	H
132	NICOTINE AND SALTS	P075	H
133	POTASSIUM CYANIDE M272 KITS RED BAND TUBES	P098	H
134	SILVER CYANIDE	P104	H
135	SODIUM CYANIDE DISCARDED PLATING MATERIAL	P106	H

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
136	ACETONE UNUSED	U002	I
137	BENZENE SULFONYL CHLORIDE, AMPULE G, CX	U020	C,R
138	BROMOETHANE	U029	T
139	BUTANOL (BUTYL ALCOHOL)	U031	I
140	CHLOROBENZENE	U037	T
141	EPICHLOROHYDRIN M272 KIT YELLOW BAND	U041	T
142	CHLOROFORM	U044	H
143	CREOSOTE	U051	H
144	DDT	U061	T
145	1,2-DICHLOROBENZENE	U070	H
146	1,4-DICHLOROBENZENE	U072	H
147	1,1-DICHLOROETHANE	U076	T
148	1,2-DICHLOROETHANE	U077	T
149	METHYLENE CHLORIDE - UNUSED PRODUCT	U080	T
150	DIETHYL PHTHALATE, M229 REFILL KIT STIMULANT SOLUTION CONTAINERS	U088	T
151	DIMETHYL SULFATE-M72A2 KIT AMPULE H	U103	T
152	ETHYL ACETATE MEDICAL ITEM	U112	I
152	ETHYL ACETATE	U112	I
153	ETHYL ETHER MEDICAL	U117	I
153	ENGINE STARTING FLUID ETHYL ETHER, ISOPROPANE, BUTANE	U117	I
154	FLUOROTRICHLOROMETHANE	U121	T
155	FORMALDEHYDE	U122	I
156	LINDANE DISCARDED	U129	T
157	HEXACHLOROPHENE	U132	T
158	KEPONE	U142	T
259	MERCURY	U151	T

Table 2-1 List of Current Hazardous Waste Generated at MCB Camp Lejeune			
Part A Line No.	Waste Description	Hazardous Waste No.	Hazard Code
160	METHANOL (METHYL ALCOHOL)	U154	I
161	METHYL ETHYL KETONE	U159	I,T
162	METHYL ISOBUTYL KETONE UNUSED	U161	I
163	METHYL METHACRYLATE	U162	I,T
164	NAPHTHALENE	U165	T
164	PHENOL	U188	T
166	TETRACHLOROETHENE	U210	T
167	TETRACHLOROMETHANE	U211	T
168	TOLUENE	U220	T
169	1,1,1-TRICHLOROETHANE (METHYL CHLOROFORM) UNUSED	U226	T
170	TRICHLOROETHENE	U228	T
171	XYLENE	U239	I
171	XYLENE UNUSED	U239	I
172	RODENTICIDE (BAIT, ANTI-COAGULANT) UNUSED	U248	T
173	ETHYLENE GLYCOL MONOETHYL ETHER	U359	T

### **3.0 ENVIRONMENTAL SETTING**

This section of the report reviews topography, meteorology and air quality, floodplain and surface water, geology and soil, groundwater, and receptor information for MCB Camp Lejeune.

#### **3.1 Topography**

The generally flat topography of the MCB Camp Lejeune complex is typical of the seaward portions of the North Carolina coastal plain. Elevations on the base vary from sea level to 72 feet above mean sea level (msl), however, the elevation of most of Camp Lejeune is between 20 and 40 feet msl. The coast is guarded by a 200- to 500-foot-wide barrier island complex. Elevations of the dune field on the barrier islands range from 10 to 40 feet above msl. Drainage at Camp Lejeune is predominately toward the New River, although areas near the coast drain directly toward the Atlantic Ocean through the Intracoastal Waterway. In developed areas, natural drainage has been changed by drainage ditches, storm sewers, and extensive concrete and asphalt areas.

The base's principal watershed drainage areas are French River, Northeast Creek, Southwest Creek, Wallace Creek, French Creek, Bear Creek, Freeman Creek, and Duck Creek. However, because of the topography's shallow slope, and the relatively few streams, drainage is the most critical factor determining the soil's suitability for development. The base is encompassed by vast areas of pocosins and swamplands that evolved because of these topographic features.

Flooding is a potential problem for base areas within the 100-year floodplain. The U.S. Army Corps of Engineers has mapped the limits of 100-year floodplain at Camp Lejeune at 7.0 feet above msl in the upper reaches of the New River (Natural Resource Management Plan 1975). The elevation of the 100-year floodplain increases downstream and is 11.0 feet above msl on the open coast.

#### **3.2 Meteorology and Air Quality**

The average monthly precipitation for the MCB Camp Lejeune vicinity is 4.5 inches. The greatest amount of monthly precipitation occurs during June, July, and August, with July having approximately 7 inches of rainfall. The least amount of precipitation occurs in November and December, when average monthly rainfalls are approximately 3 inches.

The North Carolina coastal plain area in which MCB Camp Lejeune is located has mild winters. Summers are humid with typically elevated temperatures. Rainfall usually averages more than 50 inches per year. Potential evapotranspiration in the region varies from 34 to 36 inches of rainfall equivalent per year. Winter and summer are the usual wet seasons. Temperature ranges are reported to be 33 to 53 degrees Fahrenheit (°F) during January and 71°F to 88°F in July for an annual average temperature of 61°F. Winds during the warm seasons are generally

south-southwesterly while north-northwesterly winds predominate in winter. There is a relatively long growing season of 230 days.

The Southern Coastal Plain Intrastate Air Quality Control Region (North Carolina) comprises the territorial area encompassed by the following counties: Brunswick, Lenoir, Carteret, New Hanover, Columbus, Onslow, Craven, Pamlico, Duplin, Pender, Greene, Wayne, and Jones.

Air quality concentrations within the region for sulfur dioxides ( $\text{SO}_x$ ) (primary and secondary), nitrogen dioxide ( $\text{NO}_x$ ), carbon monoxide, and photochemical oxidants are below secondary standards. For particulate matter, air quality concentrations are below primary standards, and, generally are below secondary standards.

There are only two air quality sampling stations in the county, both in Jacksonville. The base has no air quality sampling stations. The Jacksonville stations are monitored by the North Carolina Division of Environmental Management. The station in Jacksonville City Hall measures only particulates and the station at the sewage treatment plant measures particulates,  $\text{SO}_x$ , and  $\text{NO}_x$ .

Some pollutants originate from natural sources, including salt nuclei in water vapor drifts from the Atlantic Ocean, organic vapors from marshlands and forests, and dusts of wilderness origin. Man-made sources, such as automobiles and helicopters, produce pollutants composed of suspended particulates (SP), hydrocarbons (HC),  $\text{NO}_x$ , and carbon monoxide.

The 10 steam-generating plants at MCB Camp Lejeune burn coal 50 percent of the time, and No. 6 fuel oil 50 percent of the time. These are the major sources of air pollution on base. When burning coal, the power plant is the largest contributor of  $\text{SO}_x$ ,  $\text{NO}_x$ , and particulate emissions.

Also contributing to base air quality problems are the many types of military ordnance detonated and burned during normal Marine training operations. Although base air monitoring results for these activities do not exist, the effects of these operations have been documented within the Headquarters U.S. Army Armament, Munitions, and Chemical Command, Final Reports, "Development of Methodology and Technology for Identifying and Quantifying Emission Products from Open Burning and Open Detonation Thermal Treatment Methods—Bangbox Test Series Volume 1 Test Summary, January 1992" and "Development of Methodology and Technology for Identifying and Quantifying Emission Products from Open Burning and Open Detonation Thermal Treatment Methods — Field Test Series Volume 1 Test Summary, January 1992." These test are somewhat limited due to the narrow scope of explosives tested but do lend relevant information to the potential extent of air contamination caused by open burning and open detonation (OBIOD) activities.

### 3.3 Floodplain and Surface Water

The dominant surface water feature at MCB Camp Lejeune is the New River, which receives drainage from most of the base. The New River is short, with a course of approximately 50 miles on the central coastal plain of North Carolina. Over most of its course, the New River is confined to a relatively narrow channel entrenched in the Eocene Oligocene limestones. South of Jacksonville, the river widens dramatically as it flows across less-resistant sand, clay, and marl. At MCB Camp Lejeune, the New River flows southerly and empties into the Atlantic Ocean through the New River Inlet. Several small coastal creeks drain the area of MCB Camp Lejeune that is not drained by the New River and its tributaries. These creeks flow into the Intracoastal Waterway, which is connected to the Atlantic Ocean by Bear Inlet, Brown's Inlet, and the New River Inlet.

The standard stream flow measurements employed by the U.S. Geological Survey (USGS) are not applicable in low-gradient, tidal conditions. This condition may explain why stream flow in the New River below Jacksonville has not been determined. The tides at New River Inlet have a normal range of 3.0 feet and a spring range of 3.6 feet. The tidal range diminishes upstream to approximately 1 foot at Jacksonville. The flood tidal prism entering the New River Inlet in one tidal cycle was determined to be approximately  $2.35 \times 10^5$  cubic feet (ft<sup>3</sup>).

The average annual run-off of the MCB Camp Lejeune area has not been determined; however, Craven and Carteret counties, to the northeast, have an average annual run-off of approximately 18 inches. The groundwater contribution to run-off in the same area northeast of MCB Camp Lejeune is estimated as 65 percent of total run-off.

The water in the New River at MCB Camp Lejeune is brackish, shallow, and warm. Salinity is largely a function of distance from the ocean and rainfall. At Jacksonville, the New River may reach salinities of 10 parts per thousand (ppt) during extended periods of low rainfall. However, near the New River Inlet, river salinity is usually equivalent to that of sea water (35 ppt). Salinities near the inlet lower significantly only during heavy rain.

Quality criteria for surface waters in North Carolina have been published under Title 15 of the North Carolina Administrative Code (NCAC). New River at MCB Camp Lejeune falls into two classifications. Classification SC applies to three areas of the New River at MCB Camp Lejeune. Class SC water is best for fishing, secondary recreation, and other uses except primary recreation or shellfishing for market purposes. The rest of the New River at MCB Camp Lejeune is Class SA, the highest estuarine classification. Class SA water is best for shellfishing for market purposes and any other uses specified by the SB or SC classifications.

### **3.4 Geology and Soil**

The geology of the Atlantic Coastal Plain physiographic province is typically a seaward-thickening wedge of sediment on a basement complex of igneous and metamorphic rock similar to that at the surface in the Piedmont physiographic province. Coastal plain sediment varies in age from Cretaceous to Recent and consists of layers of sand, silt, clay, marl, limestone, and dolostone.

A mantle of Pleistocene and Recent sand and clay commonly covers the older sediment of the area. Beneath this mantle is a belted subcrop pattern with Cretaceous sediment nearest the surface in the west and progressively younger sediment nearest land surface toward the coast.

Although the sedimentary sequence is approximately 1,400 to 1,700 feet thick beneath MCB Camp Lejeune, only the uppermost 300 feet are pertinent for this report because these strata contain the important water-bearing rocks at MCB Camp Lejeune.

The Eocene Castle Hayne Limestone consists of shell limestone, marl, calcareous sand, and clay. In Onslow County, the Castle Hayne varies in thickness from approximately 100 feet to more than 200 feet. Rocks of Oligocene age unconformably overlie the Castle Hayne. This sediment consists of fossiliferous limestone, calcareous sand, and clay and are equivalent to the Trent Formation. In the subsurface of Onslow County, rocks of Oligocene age vary from approximately 40 feet to more than 200 feet thick. The Yorktown Formation overlies the Oligocene and outcrops in a band east and south of Jacksonville. This unit consists of lenses of sand, clay, marl, and limestone. The Yorktown Formation has long been considered late Miocene, but the latest correlation charts date it in the Pliocene.

There are 25 different soil series of varying structures ranging from sandy loam to fine sand and muck, but the soil type generally is classified as sandy loam. Some of the soil is low in organic matter and fertility, but most of the land produces abundant crops of timber and foliage for wildlife.

### **3.5 Groundwater**

The uppermost 300 feet of sediment at MCB Camp Lejeune is its source of fresh water. Brackish water usually is found deeper than 300 feet below msl. In general, the aquifer system consists of a water table aquifer and one or more semiconfined aquifers. Confining beds lie between the two aquifer systems and between the layers of the semiconfined aquifers. Variations in the local hydrogeology result from the complex depositional history of the area.

The uppermost hydrogeologic unit, the water table aquifer, extends from land surface to the first confining bed. This aquifer consists of sand, silt, limestone, and small amounts of clay. The sediment is usually Pliocene and younger.

The water table aquifer is recharged when rainfall seeps into the ground and percolates into the zone of saturation. Depth to the zone of saturation is 10 feet or less at MCB Camp Lejeune. Groundwater in the water table aquifer generally flows from upland areas toward stream valleys, where it discharges to surface water. In interstream areas, some groundwater will flow from the water table aquifer to the first semiconfined aquifer as recharge, given favorable hydraulic gradient and geology.

The semiconfined aquifer is composed of limestone and calcareous sand of the Eocene Castle Hayne Limestone, the Oligocene Trent Formation, and, in some places, sand and limestone of the Pliocene Yorktown Formation. Regional groundwater flow in the semiconfined aquifer is toward the southeast. The regional flow is altered locally by pumping wells penetrating this aquifer.

Transmissivity of the limestone aquifer in the central coastal plain of North Carolina varies from 6,100 feet squared per day (ft<sup>2</sup>/day) to 12,000 ft<sup>2</sup>/day. Storage varies from  $2.6 \times 10^{-3}$  to  $7.4 \times 10^{-5}$ . Specific capacity of wells at MCB Camp Lejeune was reported as 5 to 10 gallons per minute per foot of drawdown (gpm/ft) in 1960. Recent data indicate the specific capacity of the wells tapping the semiconfined aquifer at MCB Camp Lejeune varies from less than 3 gpm/ft to approximately 20 gpm/ft. The confining units, where present, consist of clay, sandy clay, silty clay, and occasionally dense limestone. These units occur as discontinuous lenses and may be present at any depth.

The major aquifers on the coast include those in the Eocene Castle Hayne Limestone, the Miocene Yorktown and Duplin Formations, and the post-Miocene surficial deposits. Aquifers in the Paleocene Beaufort Formation and in minor Miocene and Pliocene deposits are important in some localized areas. Water quality is widely varied in terms of total dissolved solids, chlorine, iron, hardness as calcium carbonate, corrosiveness, and objectionable odor. Although usually within acceptable limits for domestic and industrial use, the quality of most of the available groundwater of the coastal zone is enhanced by some form of treatment.

In the water table unit, water is typically soft, lower in total dissolved solids, and corrosive. It also contains excessive concentrations of dissolved iron. Water in this unit was classified as sodium chloride sulfate type.

As water moves into the Castle Hayne unit, it reacts with calcium and magnesium ions in the marl and shell beds, becoming typically hard and highly alkaline. Iron normally does not present a problem except where the water has a short residence time, as in areas of direct recharge. Water from this unit is calcium bicarbonate type.

Hard, alkaline water enters the Cretaceous aquifer system from the Castle Hayne Unit and undergoes cation exchange, losing calcium and magnesium ions and gaining sodium and potassium ions, resulting in softer water of relatively good quality. Since the overall quality of

the water from the Cretaceous Lower Sand is excellent, requiring little or no treatment, the unit has become widely favored as a water source by Jacksonville and Onslow County.

The following table presents information on the groundwater wells at MCB Camp Lejeune and their respective average depth and yield.

System	Average Depth	Average Yield
Hadnot Point	177'	170 gpm
Holcomb Boulevard	240'	236 gpm
Tarawa	95'	109 gpm
Montford Point	98'	121 gpm
MCAS	207'	150 gpm
Rifle Range	138'	184 gpm
Courthouse Bay	118'	174 gpm
Onslow Beach	108'	213 gpm

In general, the groundwater flows toward the New River in MCB Camp Lejeune's region.

### 3.6 Receptor Information

MCB Camp Lejeune encompasses an area of approximately 170 square miles (108,800 acres) and comprises several distinct areas of development including Hadnot Point, MCAS/Camp Geiger, French Creek, and Courthouse Bay. The New River bisects the base and provides both a commercial and recreational source of fish and shellfish for human consumption. The North Carolina Department of Environment, Health and Natural Resources (NCDEHNR) reports that during 1989 and 1990 more than 2.7 million pounds of fish and shellfish were commercially caught in New River.

Land use is influenced by topography, established environmental policy, and base operations. About 84 percent of the base is forested. Vegetation includes pines and hardwoods. Wildlife includes white-tailed deer, wild turkey, black bear, and numerous small game species (e.g., quail, dove, and rabbit). There are a number of federally or state endangered, threatened, or candidate species that can be found on base (e.g., American alligator, Bachman's sparrow, black skimmer, green turtle, loggerhead turtle, peregrine falcon, piping plover, red-cockaded woodpecker, and rough-leaf loosestrife).

The combined military and civilian population of MCB Camp Lejeune and Jacksonville area is about 60,000. About 90 percent of the population lives within urban areas surrounding the base.

Drinking water is obtained from groundwater. MCB Camp Lejeune has more than 110 groundwater production wells connected by more than 13 miles of water mains. The average daily usage is 7.5 million gallons, which is expected to increase with the expansion of the MCB Camp Lejeune's land area. Onslow County and Jacksonville both have groundwater production wells. These wells supply the improved areas of the county and the city.

## **4.0 RELEASE PATTERNS**

This section provides an overview of the pathways for the release of hazardous constituents to the various environmental media of air, surface water, soil, and groundwater. A potential release via one of these pathways is a function of a waste's characteristic(s), the facility's characteristics, and environmental conditions.

Pollutant migration potential is a function of both water movement potential and chemical and/or physical interactions of specific contaminants with specific environments. Regarding the latter, various contaminants can move greater or lesser distances depending upon such factors as: chemical reactions between contaminants and soil or strata; physical trapping of contaminants in strata voids; stratification caused by differences between contaminant densities and surface water or groundwater densities; and solubility characteristics of specific contaminants and other such factors.

Because these factors are site-specific, they cannot be discussed in detail in this section. However, general characteristics of possible water movement and its effect on contaminant transport are discussed.

There are three potential migration pathways at MCB Camp Lejeune. The first consists of contaminants carried off-base by surface water drainage to the New River and its tributaries. The other two potential pathways are through groundwater. Contaminants entering the water table aquifer may migrate either to surface water or downward into the semiconfined aquifer.

### **4.1 Surface Water Pathway**

Surface water drainage is most rapid in the developed areas of the base where natural drainage has been modified by ditches, storm sewers, and extensive areas of asphalt and concrete. Contaminants are most likely to be transported directly to surface drainage during heavy rainfall. At other times, transport is likely to be through groundwater, except in areas adjacent to surface streams.

### **4.2 Groundwater Pathway**

The water table aquifer is highly susceptible to contamination because it is composed of predominantly permeable materials (i.e., sand) at the surface. If a site is near surface water, contaminants in the water table aquifer can be expected to move horizontally and toward the zone of discharge at the groundwater/surface water interface.

In the interstream areas (i.e., relatively distant from surface drainage), the horizontal component of flow will tend to follow the topography, but under some circumstances a vertical flow may develop from the water table aquifer to the semiconfined limestone aquifer. These conditions

depend on: (1) a hydraulic gradient from the water table aquifer toward the semiconfined aquifer, and (2) on the thickness and hydraulic conductivity of confining units. These factors are not well known at MCB Camp Lejeune. What is known is that conditions vary with locations.

In some areas, contamination of lower aquifers is very unlikely. For example, at Georgetown, near the Camp Geiger area, the hydrogeology tends to prevent migration of water from the water table.

## 5.0 UNIT INFORMATION CHECKLIST

This section discusses SWMUs and AOCs at MCB Camp Lejeune. This discussion includes sites identified for further investigation in the Initial Assessment Study (IAS) conducted by the U.S. Navy, MCB USTs, permitted waste facilities, and other potential sites.

The other potential sites are the focus of this report. Table 5-2 provides the operational status of each unit. Specific information on each site is provided in Appendix A. All relevant information as required by the project contract is provided. Appendix A lists the unit in an order similar to that in which they were originally reviewed. Unit photos and sketches are presented within appendices B, and C of this report, respectively, in an order coinciding with Appendix A.

### 5.1 Solid Waste Management Units

The Department of Navy developed the Navy Assessment and Control of Installation Pollutants (NACIP) program to identify and control environmental contamination from past use and disposal of hazardous substances at Navy and Marine Corps installations. The NACIP program is part of the U.S. Department of Defense (DOD) Installation Restoration Program (IRP), and is similar to the U.S. Environmental Protection Agency (USEPA's) "Superfund" program authorized by CERCLA in 1980. When the Superfund Amendments and Reauthorization Act (SARA) of 1986 was passed by Congress, the NACIP program became the IRP. The NACIP program follows the National Contingency Plan (NCP).

In the first phase of the NACIP program, a team of engineers and scientists conducted an IAS from March 15 to March 24, 1982, and January 1 to February 3, 1983. The IAS team collected and evaluated evidence of contamination that may pose a threat to human health or the environment at MCB Camp Lejeune. The IAS included a review of archival and activity records, interviews with activity personnel, and an onsite survey of the activity. The *Initial Assessment Study of Marine Corps Base Camp Lejeune, North Carolina Naval Energy and Environmental Support Activity (NEESA) 13-011*, investigated a number of sites, of which 22 were listed for confirmation study.

In accordance with the Hazardous and Solid Waste Amendments of 1984 (HSWA), USEPA and NCDEHNR conducted an RCRA Facility Assessment (RFA) site inspection at MCB Camp Lejeune from January 9 to 13, 1989. An RFA report was prepared to present the results of an extensive file survey and the RFA site inspection. The RFA report satisfied Section 3004(u) of RCRA, which requires an RFA for RCRA-permitted treatment, storage, and/or disposal (TSD) facilities. The RFA report also integrated the Department of Navy's future RCRA/HSWA responsibilities with ongoing CERCLA/SARA activities at MCB Camp Lejeune.

MCB Camp Lejeune was included on the National Priorities List (NPL) on November 4, 1989. As a result, USEPA, NCDEHNR, the Department of the Navy, and the Marine Corps negotiated an FFA under Section 120 of CERCLA to address the remedial and corrective actions needed at MCB Camp Lejeune. The further action determinations listed below are consistent with the FFA's requirements.

#### Further Action Determinations

#### No Further Action Sites:

Site No.	Site Name
4	Sawmill Road Construction Debris Dump
5	Piney Green Road
8	Flammable Storage Warehouse Building TP-451 and TP-452
10	Original Base Dump
11	Pest Control Shop
13	Golf Course Construction Dump Site
14	Knox Area Riprap
15	Montford Point Burn Dump 1948-1954
17	Montford Point Riprap
18	Watkins Village (E) Site
19	Naval Research Lab Dump
20	Naval Research Lab Incinerator
23	Roads and Grounds Building 1105
25	Base Incinerator
26	Coal Storage Area
27	Naval Hospital Area Riprap
29	Base Sanitary Landfill
31	Engineering Stockyard G-4 Range Road
32	French Creek
33	Onslow Beach Road
34	Ocean Drive
37	Camp Geiger Area Surface Dump
38	Camp Geiger Area Construction Dump
39	Camp Geiger Construction Slab Dump
40	Camp Geiger Area Borrow Pit
42	Building 705/BOQ Dump
44	Jones Street Dump
46	MCAS Main Gate Dump
47	MCAS Riprap near Stick Creek
49	MCAS Suspected Minor Dump
50	MCAS Small-Craft Berthing Riprap
51	MCAS Football Field

53	MCAS Warehouse Building Area/Oiled Roads
55	Air Station East Perimeter Dump
56	MCAS Oiled Roads to Marina
57	Runway 36 Dump
58	MCAS Tank Training Area
60	Explosive Ordnance Disposal K-326 Range
61	Rhodes Point Road Dump
62	Race Course Area Dump
63	Vernon Road Dump
64	Marines Road-Sneads Ferry Road Motor Gasoline Spill
66	AMTRAC Landing Site and Storage Area
70	Oak Grove Field Surface Dump
71	Oak Grove Buried Dump
72	Oak Grove Coal Pile

**RFA Sampling Sites:**

Site No.	Site Name
3	Old Creosote Plant
7	Tarawa Terrace Dump
12	Explosive Ordnance Disposal (G-4)
43	Agan Street Dump
59	MCAS New River Infantry Training Area
65	Engineer Area Dump
67	Engineers TNT Burn Site

**RCRA Facility Investigation (RFI) Sites:**

Site No.	Site Name
1	French Creek Liquid Disposal Area
2	Former Nursery/Day Center (Building 712)
6	Storage Lots 201 and 203
9	Firefighting Training Pit
16	Montford Point Burn Dump
21	Transformer Storage Burn Dump
22	Industrial Area Tank Farm
24	Industrial Area Fly Ash Dump
28	Hadnot Point Burn Dump
30	Sneads Ferry Road Fuel Tank Sludge Area
35	Camp Geiger Area Fuel Farm
36	Camp Geiger Area Dump near Sewage Treatment Plant
41	Camp Geiger Dump near Former Trailer Park

45	Campbell Street Underground Aviation gasoline Storage and Adjacent Jet Petroleum Fuel Farm at MCAS New River
48	MCAS New River Mercury Dump Site
54	Crash Crew Fire-Training Burn Pit at MCAS New River
68	Rifle Range Dump
69	Rifle Range Chemical Dump
73	Courthouse Bay Liquid Disposal Area
74	Mess Hall Grease Pit Area
75	MCAS New River Basketball Court Site
76	MCAS New River Curtis Road Site
A	MCAS (H) Officer's Housing Area

MCB Camp Lejeune was placed on the CERCLA NPL on October 4, 1989. An FFA was signed between the USEPA, NCDEHNR, and the Department of the Navy in February 1991. Sites 78 — Hadnot Point Industrial Area, 80 — Paradise Point (Gold Course Pesticide Area), 82 — VOC Disposal Area at Piney Creek Road, 84 — Building 45 Area, 85 — Camp Johnson Battery Dump, and 86 — Tank Area AS419-AS421 at MCAS were added to the list of sites considered for investigation. Each fiscal year a site management plan is prepared that identifies the primary documents to be submitted for agency review for that fiscal year. The Site Management Plan for Fiscal Year 1994 identified 13 operable units (OUs) being investigated and another seven sites requiring investigation. These OUs and sites are listed below in Table 5-1 and include many of the sites listed above.

Table 5-1 Operable Units at MCB Camp Lejeune		
Operable Unit	Site	Fiscal Year 1994 Activities
1	78	Interim Remedial Action of Shallow Aquifer
1	21, 24, and 78	Complete Remedial Investigation/Feasibility Study (RI/FS) and sign Record of Decision (ROD); begin Remedial Design (RD)
2	6,9, and 82	Begin RD
3	48	No Action (Delisted)
4	41, 69, and 74	Complete RI/FS Project Plans; initiate RI/FS
5	2	Complete RI/FS, sign Record of Decision, and initiate Remedial Design
6	36, 43, 44, 54, and 86	Initiate RI/FS Project Plans

Table 5-1 Operable Units at MCB Camp Lejeune		
Operable Unit	Site	Fiscal Year 1994 Activities
7	1, 28, and 30	Complete RI/FS Project Plans and initiate RI/FS
8	16	Initiate and complete RI/FS Project Plans; initiate RI/FS
9	65 and 73	Initiate RI/FS Project Plans
10	35	Complete RI/FS Project Plans; initiate RI/FS; initiate Initial Risk Assessment (IRA) RI/FS for soil; sign ROD; begin IRA design
11	7 and 80	Initiate and complete RI/FS Project Plans; initiate RI/FS
12	3	Initiate and complete RI/FS Project Plans; initiate RI/FS
13	63	No activities planned until Fiscal Year '95

Sites A, 12, 68, 75, 76, 84, and 85 are to be inspected.

In 1993, MCB Camp Lejeune operated more than 500 industrial activities, approximately 191 hazardous waste satellite accumulation areas, approximately 86 less-than-90-day hazardous waste storage areas, approximately 199 Safety Kleen solvent vats, one long-term hazardous waste storage facility, approximately 22 spill containment basins, more than 83 oil/water separators, over 34 above-ground used oil storage tanks (ASTs), approximately 44 used oil USTs, and more than 225 point source discharges. These are too many to be described in this report.

## 5.2 Underground Storage Tanks

In 1989, Geraghty and Miller, Incorporated, inventoried 458 of the 2,163 USTs installed at MCB Camp Lejeune. Most of these USTs are associated with a building or service site. MCB Camp Lejeune is currently evaluating all of USTs onsite.

MCB Camp Lejeune has either confirmed or suspects that leaks have occurred at the following USTs:

Site No.	Product	Release	Investigation Phase 11/93
AS-114	Waste oil	Confirmed	Site confirmation
AS-118	Waste oil	Confirmed	Site confirmation

AS-410-1	Empty	Confirmed	Site assessment
AS-410-2	Leaded gasoline	Confirmed	Site assessment
AS-410-3	Leaded gasoline	Confirmed	Site assessment
AS-410-4	Leaded gasoline	Confirmed	Site assessment
AS-410-5	Empty	Confirmed	Site assessment
AS-410-6	Empty	Confirmed	Site assessment
AS-410-7	Diesel fuel	Confirmed	Site assessment
AS-410-8	Waste oil	Confirmed	Site assessment
AS-522	Waste fuel	Confirmed	Site assessment
AS-804	Diesel fuel	Confirmed	Site confirmation
AS-822	Diesel fuel	Confirmed	Site assessment
AS-849	Diesel fuel	Confirmed	Site confirmation
AS-3000	Diesel fuel	Confirmed	Site confirmation
AS-3504-1	Diesel fuel	Confirmed	Site confirmation
AS-3504-2	Waste oil	Confirmed	Site confirmation
AS-3505-1	Diesel fuel	Confirmed	Site confirmation
AS-3505-2	Diesel fuel	Confirmed	Site confirmation
AS-3538	Diesel fuel	Confirmed	Site confirmation
AS-4158-1	Waste oil	Confirmed	Site assessment
AS-4158-2	Waste oil	Confirmed	Site assessment
AS-5158-3	Waste oil	Confirmed	Site assessment
A-47-1	Empty	Confirmed	Site assessment
A-47-2	Waste oil	Confirmed	Site assessment
A-47-3	Diesel fuel	Confirmed	Site assessment
A-47-4	Diesel fuel	Confirmed	Site assessment
A-47-5	Diesel fuel	Confirmed	Site assessment
TC-912-1	Leaded gasoline	Confirmed	Site assessment
TC-912-2	Unleaded gasoline	Confirmed	Site assessment
TC-912-3	Premium gasoline	Confirmed	Site assessment
TC-912-4	Diesel fuel	Confirmed	Site assessment
TC-912-5	Waste oil	Confirmed	Site assessment
FC102/104	Waste oil	Confirmed	Site confirmation
FC-120	Waste oil	Confirmed	Site confirmation
H-28	Diesel fuel	Suspected	Site assessment
1	Diesel fuel	Suspected	
21	Leaded gasoline	Confirmed	Site assessment
45/S-941-1	Diesel fuel	Confirmed	Site assessment
45/S-941-2	Leaded gasoline	Confirmed	Site assessment
728-1	Waste oil	Suspected	
820-1	Diesel fuel	Suspected	Site assessment
820-2	Premium gasoline	Suspected	Site assessment
820-3	Unleaded gasoline	Suspected	Site assessment

820-4	Leaded gasoline	Suspected	Site assessment
RR-72	Unleaded gasoline	Confirmed	Site assessment
RR-72	Unleaded gasoline	Confirmed	Site assessment
TT-2455	Diesel fuel	Confirmed	Site assessment
TT-2478-1	Premium gasoline	Suspected	Site assessment
TT-2478-2	Leaded gasoline	Suspected	Site assessment
TT-2478-3	Unleaded gasoline	Suspected	Site assessment
TT-2478-4	Diesel fuel	Suspected	Site assessment

Other tank and petroleum related investigations included, but are not limited to, the following:

Location	Investigation Phase
Camp Geiger	Site assessment
Campbell Street Fuel Farm	Site assessment
AS-4151 Pipeline	Site assessment
Marina	Design
Camp Johnson	Site assessment
Hadnot Point Fuel Farm	Remedial action
Tarawa Terrace Service Station	Active treatment system
JP-5 Pipeline (AS-4141)	Active treatment system
Rapid Refueler	Active treatment system
Geiger Heat Plant	Site assessment
Building A-47 Fuel Pumps	Site assessment
Building BB-9	Site assessment
Building H-30	Site confirmation
Building LCH-4022	Site assessment
Building FC-201	Site assessment
STT-39A	Site assessment
STT-69	Site assessment
Building 903	Site confirmation
Building BB-71	Site confirmation
Building BB-51	Site assessment
Building AS-843	Site confirmation
Building BB-177	Site confirmation
Building 1115	Site assessment
Building TT-2477	Site confirmation
UST-1310	Site confirmation
UST-1607	Site confirmation
AS-2804	Site confirmation
BA-130	Site confirmation
M-101	Site confirmation

UST-61	Site confirmation
AS-840	Site confirmation
AS-4146	Site confirmation
M-90	Site confirmation
SLCH-4019	Site confirmation
HP-645	Site confirmation
TT-246	Site confirmation
FC-102	Site confirmation
M232-236	Site confirmation

### 5.3 Permitted Facilities

Permit Type	Permit Number	Description
Wastewater	NC0062995	Camp Geiger
Wastewater	NC0063002	Tarawa Terrace
Wastewater	NC0063011	Camp Johnson
Wastewater	NC0063029	Hadnot Point
Wastewater	NC0063037	Rifle Range
Wastewater	NC0063045	Courthouse Bay
Wastewater	NC0063053	Onslow Beach
Water	NC0078328	Backwash Pond
Air	NC5790R6	Various Shops
Air	NC4641R8	Heating Plant
Air	NC4644R2	Heating Plant
Air	NC4640R3	Heating Plant
Air	NC4643R2	Heating Plant
Air	NC6591R2	Spray Booth, Dust Collection
Air	NC4642R5	Heating Plant
Air	NC4645R3	Heating Plant
Air	NC3769R8	Heating Plant
Air	NC4663R7	Heating Plant, Med. Waste Incineration
RCRA	NC6170022580 (Permitted)	Container Storage Facility
RCRA	NC6170022580 (Interim Status)	OB/OD
RCRA	NC6170022580 (Interim Status)	Hazardous Waste Tanks AS419 - AS421
RCRA	NC6170022580 (Interim Status)	Hazardous Waste Tanks S889 and S891
RCRA	NC6170022580 (Interim Status)	Hazardous Waste Tank S781
RCRA	NC6170022580 (Interim Status)	Hazardous Waste Tanks STT61 - STT65

Solid Waste Landfill  
Water Treatment Plants

#### **5.4 Visual Site Inspection List**

The visual site inspection (VSI) was limited by the Scope of Work to 265 sites. Approximately 300 SWMUs were visited. The units recorded visited included 116 oil/water separators, 82 less-than-90-day accumulation areas, 50 above-ground used oil storage tanks, 21 used oil USTs, nine vehicle wash racks that were not connected to oil/water separators, eight spill containment basins, six soil piles, six ditches, three backwash basins, three container sites, three ponds, two releases, and one solvent recovery still.

Table 5-2 summarizes the units visited by providing the page number of the field log book, photograph roll and picture number, nearest building, unit type, whether the unit was active, and recommendations. Copies of the individual data sheets, photographs, and field log books are provided in the appendices.

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
A8-HWA	1	10-00	In Bldg. A-8	2nd Amphibious Assault Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	No Further Action (NFA)
A47-HWA	2	1-2	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
SA42-O/W	2	1-3	Near Bldg. A-47	2nd Amphibious Assault Battalion	Oil/Water Separator	Yes	NFA
A47-O/W-1	2	1-4	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
A47-O/W-2	2	1-5	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
SFC268-O/W	3	1-6	Near Bldg. FC 263	Supply Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
SFC233-HWA	3	1-7	Near Bldg. FC 263	Supply Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
SFC234-HWA	4	1-8	Near Bldg. FC 263	2nd Medical Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC238-HWA	5	1-10	Near Bldg. FC 255	H&S Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC255-O/W	5	1-11	Near Bldg. FC 255	H&S Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
SFC283-HWA	6	1-13	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
SFC282-HWA	6	1-14	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	SV

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
FC280-O/W	6	1-15	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
FC281-O/W	7	1-16	Near Bldg. FC 281	Maintenance Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
FC285-AST	8	1-17	Near Bldg. FC 285	Maintenance Battalion, 2nd FSSG	Used Oil AST	Yes	SV
FC285-HWA	8	1-17	Near Bldg. FC 285	Maintenance Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
SFC37-HWA	9	1-18	Near Bldg. FC 40	Motor Transport, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC40-O/W	9	1-19	Near Bldg. FC 40	Motor Transport, 2nd FSSG	Oil/Water Separator	Yes	NFA
SFC46-HWA	10	1-20	Near Bldg. FC 45	Operation Readiness Float, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC45-O/W	10	1-21	Near Bldg. FC 45	Operation Readiness Float, 2nd FSSG	Oil/Water Separator	Yes	NFA
FC51-HWA	11	1-22	Near Bldg. FC 51	Electronics Maintenance Company, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC51-O/W	11	1-22	Near Bldg. FC 51	Electronics Maintenance Company, 2nd FSSG	Oil/Water Separator	No	NFA
1601-HWA	12	1-23	Near Bldg. 1601	Motor Transport Maintenance, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	Housekeeping
902-HWA	13	1-24/25	Between. Bldg. 902/910	Engineer Maintenance Company, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	Housekeeping

**Table 5-2**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
902-AST	13	1-24/25	Near Bldg. 902	8th Engineers, 2nd FSSG	Used Oil AST	Yes	NFA
816-O/W	14	1-26/27	Near Bldg. 816	8th Engineers, 2nd FSSG	Oil/Water Separator	Yes	Housekeeping
GP190-O/W	15	1-28/29	Near Bldg. GP 19	8th Engineers, 2nd FSSG	Oil/Water Separator	Yes	SV (Visual release)
739-O/W	16	1-30	Near Bldg. 739	8th Engineers, 2nd FSSG	Oil/Water Separator	No	NFA
SFC221-HWA	17	1-31	Between. Bldg. GP 20/FC 200	8th Engineers, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC200-O/W	18	1-32	Near Bldg. FC 200	8th Engineers, 2nd FSSG	Oil/Water Separator	Yes	NFA
FC120-HWA	19	1-33	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC120-O/W	19	1-34	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
SFC145-HWA	19	1-35	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
FC134-O/W	20	1-36	Near Bldg. FC 134	Land Support Battalion, 2nd FSSG	Oil/Water Separator	Yes	NFA
FC134-HWA	20	1-37	Near Bldg. FC 134	Land Support Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA

**Table 5-2  
 Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
FC270-O/W	21	2-1	Near Bldg. FC 270	8th Motor Transport, 2nd FSSG	Oil/Water Separator	Yes	NFA
Release (FC270)	22	None	Near Bldg. FC 270	8th Motor Transport, 2nd FSSG	Land Unit	No	Housekeeping
SFC279-HWA	22	2-2	Near Bldg. FC 270	8th Motor Transport, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
M119-O/W	23	6-1	Near Bldg. M 119	Marine Corps Support Services School Group	Oil/Water Separator	Yes	NFA
SM93-HWA	23	6-2	Near Bldg. M 119	Marine Corps Support Services School Group	< 90-Day HW Accumulation Area	Yes	Housekeeping
M144-HWA-AST	24	6-3	Near Bldg. M 144	Marine Corps Support Services School Group	< 90-Day HW Accumulation Area /Used Oil AST	Yes	Housekeeping
M90-HWA	25	6-4	Near Bldg. M 90	Marine Corps Support Services School Group	< 90-Day HW Accumulation Area	Yes	NFA
SM187-O/W	26	6-5/6	Near Bldg. M 90	Marine Corps Support Services School Group	Oil/Water Separator	Yes	SV (Visual Stain)
1805-HWA	27	6-7	Near Bldg. 1808	2nd Combat Engineer Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1859-O/W	27	6-8/9	Near Bldg. 1808	2nd Combat Engineer Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
1895-HWA-1	28	6-10	In Bldg. 1895	2nd Combat Engineer Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
1895-HWA-2	28	6-11	In Bldg. 1895	2nd Combat Engineer Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1041-HWA	29	6-12	Near Bldg. 1041	MCB Brig Company	< 90-Day HW Accumulation Area	Yes	NFA
1203-O/W	30	2-3	Between Bldg. 1203/1204	MCB Maintenance	Oil/Water Separator	Yes	SV (Visual Stain)
1105-O/W	31	2-4	Between. Bldg. 1104/1105	MCB Maintenance	Oil/Water Separator	Yes	SV
1102/1131-HWA	32	2-5	Near Bldg. 1102	MCB Maintenance	< 90-Day HW Accumulation Area	Yes	NFA
1700-O/W-1	33	2-6	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator	Yes	NFA
S1735-O/W	34	2-8/9	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator	Yes	SV (Visual Stain)
738-O/W	35	2-10	Near Bldg. 738	MCB Maintenance	Oil/Water Separator	Yes	NFA
45-HWA	36	2-11	Near Bldg. 45	MCB Maintenance	< 90-Day HW Accumulation Area	Yes	NFA
SLCH785-Basin	36	2-12	Bldg. SLCH785	MCB Maintenance	Spill Containment Basin	Yes	NFA
S792-O/W	36	2-13	Near Bldg. 45	MCB Maintenance	Oil/Water Separator	Yes	NFA
1403-HWA	37	2-15	Near Bldg. 1410	Training and Support Division	< 90-Day HW Accumulation Area	Yes	NFA

**Table 5-2**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
S1762-HWA	38	2-16	Near Bldg. 1765	Morale, Welfare, and Recreation	< 90-Day HW Accumulation Area	Yes	NFA
TC773-O/W	39	2-17	Near Bldg. TC 773	School of Infantry	Oil/Water Separator	Yes	SV (Visual Stain)
TC773-HWA	39	2-18	Near Bldg. TC 773	School of Infantry	< 90-Day HW Accumulation Area	Yes	Housekeeping
TC777-O/W	40	2-19	Near Bldg. TC 774	School of Infantry	Oil/Water Separator	No	NFA
G694-O/W	41	2-21	Near Bldg. G 650	MCB Maintenance	Oil/Water Separator	Yes	NFA
SAS137-Basin	42	2-24	Bldg. SAS137	Marine Corps Air Station	Spill Containment Basin	Yes	NFA
M628-O/W	43	2-25	Near Bldg. M 625	MCB Maintenance	Oil/Water Separator	Yes	NFA
RR62-HWA	44	2-26	Near Bldg. RR 62	Rifle Range	< 90-Day HW Accumulation Area	Yes	NFA
SRR80-O/W	45	2-27	Near Bldg. RR 62	Rifle Range	Oil/Water Separator	Yes	NFA
1700-O/W-2	45	2-7	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator	Yes	NFA
RR15-O/W-1	46	2-28	Near Bldg. RR 15	MCB Maintenance	Oil/Water Separator	Yes	NFA
RR15-O/W-2	46	2-29	Near Bldg. RR 15	MCB Maintenance	Oil/Water Separator	Yes	NFA
M178-HWA	47	2-30	Near Bldg. M 178	Field Medical Services	< 90-Day HW Accumulation Area	No	NFA
FC230-O/W-1	48	10-0/1	Near Bldg. FC 230	8th Communication Battalion, 2nd SRIG	Oil/Water Separator	Yes	SV (Stain)

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
FC230-O/W-2	49	3-2	Near Bldg. FC 230	8th Communication Battalion, 2nd SRIG	Oil/Water Separator	Yes	NFA
SFC235-HWA	49	3-3	Near Bldg. FC 230	8th Communication Battalion, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
1605-HWA-1	50	3-4	Near Bldg. 1605	8th Communication Battalion (Alpha Co-Radio), 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
1605-HWA-2	50	3-5	Near Bldg. 1605	8th Communication Battalion (MagTaf), 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
S1619-O/W	50	3-6	Between. Bldg. 1604/1605	8th Communication Battalion, 2nd SRIG	Oil/Water Separator	No	NFA
1604-HWA	50	3-7	Near Bldg. 1604	8th Communication Battalion, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
1771-HWA-AST	51	3-8	Near Bldg. 1771	Headquarters & Service Company, 2nd Marine Expeditionary Forces	< 90-Day HW Accumulation Area - Used Oil AST	Yes	NFA
SFC237-HWA	52	3-9	Near Bldg. FC 251	2nd Anglico, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
FC251-O/W	52	3-10	Near Bldg. FC 251	2nd Anglico, 2nd SRIG	Oil/Water Separator	Yes	NFA
1747-O/W-1	53	3-11	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	Oil/Water Separator	Yes	NFA
1747-O/W-2	53	3-12	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	Oil/Water Separator	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
S1746-HWA	53	3-16	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
FC365-HWA	54	3-13	Near Bldg. FC 365	2nd Radio Battalion, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
SFC244-O/W	55	3-14	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	Oil/Water Separator	Yes	NFA
SFC236-HWA	55	3-15	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
FC241-AST	55	3-15	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	Used Oil AST	Yes	NFA
1827-HWA-1	56	3-17	Bldg. 1827 (In Bay #1)	Intelligence Company 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
1827-HWA-2	56	3-18	Bldg. 1827 (In Bay #5)	Intelligence Company, 2nd SRIG	< 90-Day HW Accumulation Area	Yes	NFA
SM632-O/W	57	3-19	Near Bldg. M 625	Base Maintenance	Oil/Water Separator	Yes	NFA
M107-O/W-1	58	3-20	Near Bldg. M 107	Motor Transport School Company	Oil/Water Separator	Yes	NFA
M107-O/W-2	58	3-21	Near Bldg. M 107	Motor Transport School Company	Oil/Water Separator	Yes	NFA
M200-AST	59	10-7	Near Bldg. M 200	Unknown	Used Oil AST	Yes	NFA
SM269-Basin	59	3-22	Near Bldg. M 200	Unknown	Spill Containment Basin	Yes	SV (Release)

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
1860-O/W	60	3-23	Near Bldg. 1860	Communication Company, Headquarters Battalion, 2D Marine Division	Oil/Water Separator	Yes	NFA
S1892-HWA	60	3-24	Bldg. S1892	Communication Company, Headquarters Battalion, 2D Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1780-HWA	61	3-25	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1780-O/W-1	61	3-26	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator	Yes	NFA
1780-UST-1	61	3-26	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Used Oil UST	Yes	SV
1780-O/W-2	61	3-27	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator	Yes	SV (Stain)
1780-UST-2	61	3-28	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Used Oil UST	Yes	NFA
1780-O/W-3	61	3-29	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
S1753-O/W-AST	62	10-2	Near Bldg. 1709	Small Craft Company, Headquarters, 2D Marine Division	Oil/Water Separator and Used Oil AST	Yes	SV
S1745-O/W	63	4-2	Near Bldg. 1710	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator	Yes	NFA
728-AST	64	4-3	Near Bldg. 728	Marina Gottschalk	Used Oil AST	Yes	NFA
1601-AST	65	4-4	Near Bldg. 1601	2nd FSSG	Used Oil AST	Yes	SV
1601-O/W	66	4-5	Near Bldg. 1607	Unknown	Oil/Water Separator	Yes	NFA
1700-Pond-A	67	4-6	Near Bldg. 1700	MCB Maintenance	Coal Water Settling Pond	Yes	NFA
1700-Basin-B	67	4-7	Near Bldg. 1700	Base Maintenance	Spill Containment basin	Yes	NFA
FC19-Rack	68	4-8	Bldg. FC19	Unknown	Wash Rack	Yes	NFA
S1836-HWA	69	4-9	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1829-O/W-1	69	4-10	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	Oil/Water Separator	Yes	NFA
1829-O/W-2	69	4-11	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	Oil/Water Separator	Yes	NFA
P804-O/W-1	70	4-12	Near Bldg. 804	Unknown	Oil/Water Separator	No	NFA
P804-O/W-2	70	4-13	Near Bldg. 804	Unknown	Oil/Water Separator	No	NFA

**Table 5-2**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
FC285-O/W	71	4-14	Near Bldg. 285	Unknown	Oil/Water Separator	Yes	NFA
SFC284-HWA	71	4-15	Near Bldg. 285	Unknown	< 90-Day HW Accumulation Area	Yes	NFA
AS415-Basin	72	2-23	AS4151	MCB Maintenance	Spill Containment Basin	Yes	NFA
S1854-O/W-1	B001	5-2	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Oil/Water Separator and Wash Rack	Yes	NFA
S1854-O/W-2	B001	5-3	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
S1854-HWA	B002	5-1	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
S1854-UST-2	B003	None	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Used Oil UST	Yes	NFA
S1854-UST-1	B003	None	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Used Oil UST	Yes	NFA
1205-AST	B004	5-4	Near Bldg. 1205	H&S Company, 2nd Marine Expeditionary Forces	Used oil AST	Yes	Housekeeping
1205-HWA	B004	5-4	Near Bldg. 1205	H&S Company, 2nd Marine Expeditionary Forces	< 90-Day HW Accumulation Area	Yes	NFA
H36-Rack	B005	None	Near Bldg. H36	Engineering Maintenance Section, 2nd Marine Expeditionary Forces	Wash Rack	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
H36-HWA	B005	5-5	Near Bldg. H36	Engineering Maintenance Section, 2nd Marine Expeditionary Forces	< 90-Day HW Accumulation Area	Yes	NFA
H36-AST	B005	5-5	Near Bldg. H36	Engineering Maintenance Section, 2nd Marine Expeditionary Forces	Used Oil AST	Yes	NFA
BB51-O/W	B006	5-6	Near Bldg. BB 51	MC Engineering School	Oil/Water Separator	Yes	NFA
BB150-O/W	B007	5-7	Near Bldg. BB 150	MC Engineering School	Oil/Water Separator	Yes	NFA
BB51-HWA	B008	5-8	Near Bldg. BB 51	MC Engineering School	< 90-Day HW Accumulation Area	Yes	NFA
BB51-AST	B009	5-9	Near Bldg. BB 51	MC Engineering School	Used Oil AST	Yes	NFA
BB52-O/W-2	B010	5-10	Near Bldg. BB 52	MC Engineering School	Oil/Water Separator	Yes	NFA
SBB135-HWA	B011	5-11	Near Bldg. BB 52	MC Engineering School	< 90-Day HW Accumulation Area	Yes	NFA
SBB169-O/W	B012	5-12	Near Bldg. BB 52	MC Engineering School	Oil/Water Separator and Wash Rack	Yes	NFA
SBB169-AST	B012	5-13	Near Bldg. BB 52	MC Engineering School	Used Oil AST	Yes	NFA
SBB241-O/W	B013	5-14	Near Bldg. BB 241	MC Engineering School	Oil/Water Separator	Yes	NFA
BB293-O/W	B014	5-15	Near Bldg. BB 293	MC Engineering School	Oil/Water Separator	Yes	NFA
HP100-O/W	B015	5-16	Near Bldg. HP 100	Motor T, 8th Marine Regiment, 2nd Marine Division	Oil/Water Separator	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
HP100-UST	B015	5-19	Near Bldg. HP 100	Motor T, 8th Marine Regiment, 2nd Marine Division	Used Oil UST	Yes	NFA
HP100-HWA	B016	5-17/18	Near Bldg. HP 100	8th Marine Regiment, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
HP104-HWA	B017	None	Near Bldg. HP 104	Communication Center, 8th Marine Regiment, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1450-HWA	B018	5-21	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1450-O/W-1	B019	5-22	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator	Yes	NFA
1450-O/W-2	B020	5-23	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and Wash Rack	Yes	NFA
034 Ditch	B021	5-24	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Outfall Ditch #034	Yes	SV (Visual Stain)
BB224 Pile	B022	5-25	Near Bldg. BB 224	Unknown	Soil Pile	No	SV (Visual Stain)
BB9-O/W	B023	5-26	Near Bldg. BB 9	MCB Steam Plant	Oil/Water Separator	Yes	NFA
BB9-Basin	B023	5-27	Near Bldg. BB 9	MCB Steam Plant	Spill Containment Basin	Yes	NFA
2611-Container	B024	5-28	Near Bldg. 2611	MCB Parking Lot	Drums	No	Housekeeping
HP250-O/W	B025	5-29	Near Bldg. HP 250	2nd Marine Division	Oil/Water Separator	Yes	NFA

**Table 5-2**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
HP250-HWA	B026	5-30	Near Bldg. HP 250	2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
HP250-AST	B026	5-30	Near Bldg. HP 250	2nd Marine Division	Used Oil AST	Yes	NFA
HP250-O/W-2	B027	5-31	Near Bldg. HP 250	32nd Communication, 2nd Marine Division	Oil/Water Separator	Yes	NFA
H118-O/W	B028	5-32	Near Bldg. NH 118	Naval Hospital	Oil/Water Separator	Yes	NFA
NH118-UST	B029	None	Near Bldg. NH 118	Naval Hospital	Used Oil UST	Yes	SV (Visual stain)
NH118-HWA	B029	5-33	In Bldg. NH 118	Naval Hospital	< 90-Day HW Accumulation Area	Yes	NFA
2615-O/W	B030	5-34	Near Bldg. 2615	MCB Officers' Club	Oil/Water Separator	Yes	Housekeeping
PT33-Pond-O/W	B031	5-35	Grease Pit	MCB	Grease Pit and Oil/Water Separator	Yes	SV (Visual)
PT33-Pile	B031	5-36	Near Grease Pit	MCB	Soil Pile	Yes	NFA
908-HWA	B032	6-13	Near Bldg. 908	Logistic	< 90-Day HW Accumulation Area	Yes	NFA
961-O/W	B033	6-14	MCB Fuel Farm Near Bldg. 924	Logistic	Oil/Water Separator	Yes	NFA
1407/1408-O/W	B034	6-15	Near Bldg. 1408	Logistic	Oil/Water Separator, Grit Chamber and Wash Rack	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
1502-O/W-1	B035	6-16/17	Near Bldg. 1502	Logistic	Oil/Water Separator and Grit Chamber	Yes	Housekeeping
1502-HWA	B036	6-18	In Bldg. 1502	Logistic	< 90-Day HW Accumulation Area	Yes	NFA
1502-O/W-2	B036	6-35	Near Bldg. 1502	Logistic	Oil/Water Separators (4)	Yes	NFA
TC364-Basin	B037	6-19	Near Bldg. TC 364	Logistic	Spill Containment Basin	Yes	NFA
AS118-O/W	B038	6-20 8-32	Near Bldg. AS 118	Logistic	Oil/Water Separator, SDB, and Grit Chamber	Yes	NFA
AS22-O/W	B039	6-21	Near Bldg. SA 22	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
AS22-Pile	B040	6-22	Near Bldg. SA 22	2nd Amphibious Assault Battalion, 2nd Marine Division	Soil Pile	Yes	IR site
SA16-O/W	B041	6-23	Near Bldg. A 8	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator and Wash Rack	No	NFA
SA36-O/W	B042	6-24	Near Bldg. A 8	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator, Grit Chamber and Wash Rack	Yes	NFA
A1-HWA	B043	6-25	Near Bldg. A 1	2nd Amphibious Assault Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	No	NFA
A1-Rack	B044	6-26	Near Bldg. A 1	2nd Amphibious Assault Battalion, 2nd Marine Division	Wash Rack	No	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
ST32-Pile	B045	6-28	Near Bldg. ST 32	MCB Maintenance	Soil Pile	Yes	NFA
TT2453-Release	B046	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarrawa Terrace	Land Unit	No	SV (Visual stain)
TT2453-AST	B046	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarrawa Terrace	Used Oil AST	Yes	NFA
TT2453-HWA	B046	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarrawa Terrace	< 90-Day HW Accumulation Area	Yes	NFA
BA130-AST	B047	None	Near Bldg. BA 130	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division	Used Oil AST	Yes	NFA
BA130-O/W	B047	6-30	Near Bldg. BA 130	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division	Oil/Water Separator, Grit Chamber, Wash Rack & Tile Field	Yes	SV (Discharge to tile field)
BA130-HWA	B048	6-31	Near Bldg. BA 130	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1053-O/W	B049	6-32	Near Bldg. 1053	Morale, Welfare, and Recreation Car Wash	Oil/Water Separator	Yes	NFA
S1001-Basin	B050	6-33	Near Bldg. S 1001	MCB Rail Head	Spill Containment Basin	No	NFA
S1132-O/W	B051	6-34	Near Bldg. S 1132	Unknown	Oil/Water Separator and SDB	Yes	NFA
1610-O/W	B052	6-36/37	Near Bldg. 1610	MCB Auto Shop	Oil/Water Separator	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
575-AST	B053	7-None	Near Bldg. 575	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division	Used Oil AST	Yes	NFA
575-O/W	B053	7-None	Near Bldg. 575	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division	Oil/Water Separator	Yes	NFA
575-HWA	B053	7-None	Near Bldg. 575	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
575-UST	B053	7-None	Near Bldg. 575	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division	Used Oil UST	Yes	NFA
575-Rack	B054	7-None	Near Bldg. 575	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division	Wash Rack	Yes	NFA
540-Backwash	B055	7-2	Near Bldg. 540	MCB Pool	Backwash Basin	Yes	NFA
236-Backwash	B056	7-3	Near Bldg. 236	MCB Pool	Backwash Basin	Yes	NFA
25-O/W	B057	7-4	Near Bldg. 25	MCB Dry Cleaners	Oil/Water Separator, SDB, and Grit Chamber	Yes	NFA
43-AST	B058	7-5	Near Bldg. 43	MCB Security	Used Oil AST	Yes	NFA
1014-Container	B059	7-6/7	Near Bldg. 1014	MCB Former PCB Storage Yard	Drum Storage	Yes	NFA
946-UST	B060	7-13	Near Bldg. S 946	MCB Recycling Center	Used Oil USTs	No	NFA
S947-Pile	B061	7-8/9	Near Bldg. S 947	MCB Recycling Center	Soil Pile	Yes	Housekeeping, IRP

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
S947-O/W	B062	7/10/11	Near Bldg. S 946	MCB Recycling Center	Oil/Water Separator and Wash Rack	Yes	Housekeeping, IRP
S946-AST	B063	7-12	Near Bldg. S 947	MCB Recycling Center	Used Oil ASTs	Yes	NFA
S947-Container	B064	7-14	Near Bldg. S 947	MCB Recycling Center	Roll Off Containers	Yes	Housekeeping
913-AST	B065	7-15	Near Bldg. 913	MCB Recycling Center	Used Oil AST	Yes	NFA
TP45-AST	B066	7-18	Near Bldg. TP 455	MCB Truck Driving School	Used Oil AST	Yes	NFA
TP45-Rack	B067	7-19	Near Bldg. STP 462	MCB Truck Driving School	Wash Rack	Yes	NFA
1916-O/W	B068	7-20	Near Bldg. 1916	MCB Golf Course	Oil/Water Separator, Grit Chamber, Wash Rack and Tile Field	Yes	NFA
600-UST	B069	None	Near Bldg. 600	MCB Golf Course	Used Oil UST	Yes	NFA
1775-HWA	B070	7-21	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	< 90-Day HW Accumulation Area	Yes	NFA
1775-O/W-UST	B071	7-22	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and UST	Yes	NFA
1775-UST	B072	7-23/24/25	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	Used Oil UST (3)	Yes	NFA
1445-O/W	B073	7-26	Near Bldg. 1445	Communication, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator, Grit Chamber and Wash Rack	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
1343-O/W	B074	7-27	Near Bldg. 1343	HQ Motor T, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and Wash Rack	Yes	NFA
1327/1343-HWA	B075	7-28	Near Bldg. 1343/1327	HQ Motor T, 10th Marine Regiment, 2nd Marine Division	90-Day HW Accumulation Point	Yes	NFA
1323-UST	B076	7-29	Near Bldg. 1323	HQ Battery-Motor T, 10th Marine Regiment, 2nd Marine Division	Used Oil UST	Yes	NFA
1106/1107-AST	B077	7-30	Near Bldg. 1106/1107	Motor T Auto Hobby	Used Oil AST	Yes	NFA
1106/1107-UST	B077	7-31	Near Bldg. 1106/1107	Motor T Auto Hobby	Used Oil UST	Yes	SV UST
1106/1107-O/W	B077	7-32	Near Bldg. 1106/1107	Motor T Auto Hobby	Oil/Water Separator and Wash Rack	Yes	SV (Visual stain)
1205/1206-O/W	B078	7-33	Near Bldg. 1205/1206	Motor T, H&S Company, 2nd Marine Expeditionary Forces	Oil/Water Separator, SDB, and Wash Rack	Yes	NFA
1301/1309-AST	B079	7-34	Near Bldg. 1301/1309	HQ & Service Company, 2nd SRIG	Used Oil AST	Yes	NFA
1301/1309-O/W	B079	7-34	Near Bldg. 1301/1309	HQ & Service Company, 2nd SRIG	Oil/Water Separator, SDB, and Wash Rack	Yes	NFA
1405/1406-O/W	B080	8-2	Near Bldg. 1405/1406	Unknown	Oil/Water Separator, SDB, and Grit Chamber	Yes	NFA
1612-AST	B081	None	Near Bldg. 1612	Motor T	Used Oil AST	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
1505/1506-O/W	B082	8-0	Near Bldg. 1505/1506	Motor T	Oil/Water Separator, Grit Chamber, SDB, and Wash Rack	Yes	NFA
1505/1506-AST	B082	8-0	Near Bldg. 1505/1506	Unknown	Used Oil AST	Yes	NFA
AS431-AST	B083	8-4	Near Bldg. AS 431	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST	Yes	NFA
AS431-HWA	B083	8-4	Near Bldg. AS 431	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS504-O/W	B084	8-5	Near Bldg. AS 504	HMT 204, MAG-26, 2nd Marine Aircraft Wing	Oil/Water Separator and Wash Rack	Yes	NFA
AS504-AST	B085	8-6	Near Bldg. AS 566	HMH 362, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST	Yes	SV (Visual stain)
AS515-AST-E	B086	8-7	Near Bldg. AS 515 east end	HMM 266/HMM 261, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST (2)	Yes	SV (Visual stain)
AS515-HWA-E	B086	8-7	Near Bldg. AS 515 east end	HMM 266/ HMM 261, MAG-26, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS574-HWA	B087	8-8	Near Bldg. AS 574	HMM 261, MAG-26, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS574-AST	B087	8-8	Near Bldg. AS 574	HMM 261, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST	Yes	NFA
AS525-AST	B088	8-9	Near Bldg AS 525	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST	No	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
AS525-HWA	B088	8-9	Near Bldg. AS 525	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS3905-HWA	B089	8-10	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS3905-AST	B089	8-11	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	Used Oil AST (3)	Yes	NFA
AS3905-O/W	B090	8-12	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	Oil/Water Separator and Wash Rack	Yes	NFA
AS4112-AST	B091	None	Near Bldg. AS 4100	HMM 365, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST	Yes	SV (Visual Stain)
AS4112-HWA	B091	8-13	Near Bldg. AS 4112	HMM 365, MAG-29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS4134-HWA	B092	8-14	Near Bldg. AS 4134	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS4114-AST	B093	8-15	Near Bldg. AS 4114	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST (2)	Yes	NFA
AS4114-HWA	B093	8-15	In Bldg. AS 4114	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	No	NFA
AS4108-AST	B094	8-16	Near Bldg. AS 4108	HMLA 269, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST	Yes	NFA
AS4115-AST	B095	8-17	Near Bldg. AS 4115	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing	Used Oil AST (2)	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
AS4115-HWA	B095	8-18	Near Bldg. AS 4115	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS4135-O/W	B096	10-10	Near Bldg. AS 4135	MALS 29 GSE, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA
AS4135-HWA	B096	10-9	Near Bldg. AS 4135	MALS 29 GSE, MAG-29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS4135-UST	B096	8-19	Near Bldg. AS 4135	MALS 29 GSE, MAG-29, 2nd. Marine Aircraft Wing	Used Oil UST	Yes	NFA
AS226-Still	B097	None	Near Bldg. AS 226	MCAS	Solvent Still	Yes	NFA
AS515-O/W	B098	8-20/21	Near Bldg. AS 515	HMH 362, MAG-26, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	Corrective Measures
AS576-O/W	B099	8-22	Near Bldg. AS 576	HMM 365, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA
AS576-AST	B099	8-22	Near Bldg. AS 576	HMM 365, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST	No	NFA
AS-Pit-UST	B100	8-23	MCAS Burn Pit	MCAS	Used Oil UST	Yes	NFA
AS-Pit-O/W	B100	None	MCAS	Oil/Water Separator	Yes	NFA	
AS592-O/W	B101	8-24	Near Bldg. AS 4108	MCAS Engine Test Cell, HMLA 269, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
AS499-O/W	B102	8-25 9-11	Near Bldg. AS 499	MCAS	Oil/Water Separator	Yes	NFA
AS4159-O/W	B103	8-26	Near Bldg. AS 4156	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA
AS4159-AST	B103	8-27	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Used Oil AST	Yes	NFA
AS4158-O/W	B104	8-28	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA
AS4158-HWA	B105	8-29	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA
AS143-O/W	B106	8-30	MCAS Fuel Division	MCAS Supply Dept.	Oil/Water Separator and Wash Rack	Yes	NFA
AS119-Rack	B107	8-31	Base Motor T	MCAS Base Motor T	Wash Rack	Yes	NFA
AS123-O/W	B108	None	Car Wash	Morale, Welfare, and Recreation	Oil/Water Separator	Yes	NFA
AS118-AST	B110	8-33	Near Bldg. AS 118	Motor T, MCB Logistic	Used Oil AST	Yes	SV (Visual Stain)
AS114-AST	B111	8-34/3 5	Near Bldg. AS 114/116	MCAS Auto Hobby Shop	Used Oil AST	Yes	SV (Visual Stain)
AS320-AST	B112	9-0	Near Bldg. AS 320	MCAS Flight Simulator	Used Oil AST	Yes	NFA
AS605-HWA	B113	9-1	In Bldg. AS 605	MCAS < 90-Day HW Accumulation Area	< 90-Day HW Accumulation Area	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
AS605-O/W	B113	9-1	Near Bldg. AS 605	MCAS < 90-Day HW Accumulation Area	Oil/Water Separator	No	NFA
AS605-UST	B113	9-1	Near Bldg. AS 605	MCAS < 90-Day HW Accumulation Area	Used Pesticide UST	Yes	NFA
CG1-O/W	B114	9-2	Near Bldg. CG1	MATCS-28, MACG-28, 2nd Marine Aircraft Wing	Oil/Water Separator	Yes	NFA
CG1-UST	B114	9-3	Near Bldg. CG1	MATCS-28, MACG-28, 2nd Marine Aircraft Wing	Used Oil UST	Yes	NFA
AS4158-AST	B115	9-4	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Used Oil AST	Yes	NFA
AS-Curtis-Ditch	B116	9-6	SAS Skimmer 5	MCAS Drainage Ditch Curtis Road	Oil Skimmer	Yes	NFA
AS-Longstaff-Ditch	B117	9-7	SAS Skimmer 1	MCAS Drainage Ditch longstaff Road	Oil Skimmer	Yes	NFA
AS3504-AST	B118	None	Near SAS 3504	MCAS AST	Used Oil AST	Yes	NFA
SAS3503-AST	B118	9-8	Near SAS 3503	MCAS AST	Used Oil AST	Yes	NFA
SAS3503-O/W	B118	9-8	SAS 3503	MCAS	Oil/Water Separator	Yes	NFA
AS3003-Ditch	B119	9-9	SAS Skimmer 2	MCAS Drainage Ditch	Oil Skimmer	Yes	NFA
AS-Primington-Ditch	B120	9-10	SAS Skimmer 3	MCAS Drainage Ditch Primington Road	Oil Skimmer	Yes	NFA
AS5020-Ditch	B122	9-12	SAS Skimmer 4	MCAS Drainage Ditch By Ordnance	Oil Skimmer	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
STC874-O/W	B123	9-13	Defense Reutilization and Marketing	MCAS DRMO	Oil/Water Separator and Wash Rack	Yes	NFA
STC868-Rack	B123	9-14	Defense Reutilization and Marketing	MCAS DRMO	Soil by Grease Rack	Yes	Housekeeping
STC872-Pile	B123	9-15	Defense Reutilization and Marketing	MCAS DRMO	Soil Pile	Yes	NFA
TC811-O/W	B124	9-16	Near Bldg. TC 811	MCB Security	Oil/Water Separator	Yes	NFA
SM264-Rack	B125	9-17	SM 264	Unknown	Wash Rack	No	NFA
M105-Rack	B126	9-18	M105	Unknown	Wash Rack	Yes	NFA
SA45-O/W	B127	9-22	Near Bldg. SA45	2nd Amphibious Assault Battalion	Oil/Water Separator	Yes	NFA
45-Pond	B128	9-19/20	Near Bldg. 45	MCB	Former Pond	No	IR site
45-AST-2	B129	9-21	Near Bldg. 45	MCB	Used Oil AST	Yes	NFA
BB161-UST	B130	9-23/24	Near Bldg. BB 161	MC Engineer. School	Used Oil UST	No	NFA
BB190-Backwash	B131	9-25	Near Bldg. BB 190	MCB	Backwash Basin	Yes	NFA

Table 5-2  
 Visual Site Inspection Unit List

Site Number	Page No.	Roll-Photo	Building Number	Unit Name	Unit Type	Active	Recommendations
BB177-AST	B131	9-26	Near Bldg. BB 177	Morale, Welfare and Recreation	Used Oil AST	Yes	NFA
AS141-O/W	B133	None	Near Bldg. AS 141	MCB	Oil/Water Separator	Yes	NFA
907-HWA	B134	10-3	Bldg. 907	Medlog, 2nd Supply Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
915-HWA	B135	10-5	Bldg. 915	2nd Supply Battalion, 2nd FSSG	< 90-Day HW Accumulation Area	Yes	NFA
SF97-HWA-AST	B136	10-6	Near Bldg. SFC 97	MSSG-22, 2nd FSSG	< 90-Day HW Accumulation Area and Used Oil AST	Yes	NFA
AS4117-HWA	B137	10-8	Bldg. AS 4117	HMM 162, MAG-29, 2nd Marine Aircraft Wing	< 90-Day HW Accumulation Area	Yes	NFA

## **6.0 CONCLUSIONS AND SUGGESTED ACTIONS**

This section provides corrective action recommendations for the units EnSafe reviewed as part of this contract. These recommendations are designed to provide MCB Camp Lejeune with a best management approach in handling those units requiring further investigation or immediate corrective action. Only sites recommended for further action are listed.

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>SFC282 &lt; 90-day Hazardous Waste Area</u>	Initiate removal of spot staining within far north bay of unit and outside unit at south side near empty drum storage rack. No sampling is warranted of either area.	Stains appeared to be from one incident and were of no threat to penetrate soil surface beneath concrete. Concrete surface was in good condition.	Not applicable (N/A)
<u>Unit FC285 (Near Building FC-285): Used Oil AST</u>	Remove petroleum product staining from concrete beneath unit. No sampling or corrective action beyond housekeeping is recommended.	No signs of expansion/contraction joints or cracks within the concrete pad beneath the unit were noticed allowing the petroleum product to infiltrate the soil below said concrete. Therefore, intrusive sampling is not required. If circumstances have changed or are contrary to what was discovered during the site investigation, soil sampling beneath the concrete would be recommended.	Soil sampling, if determined necessary, should be analyzed for oil and grease.
<u>Unit 1601 (Near Building 1601): &lt; 90-day Hazardous Waste Unit</u>	No further action. Area adjacent to unit appeared stained with petroleum-like material in two separate areas. General housekeeping should be initiated in the adjacent area. Sampling is not recommended.	No signs of past releases from the unit were identified. Housekeeping remedies are the only recommendations for the adjacent areas because they appear to be one-time incidences and do not pose a threat to environmental media within the area.	N/A
<u>Unit 902 (Between Building 902 and 910): &lt; 90-day Hazardous Waste Unit</u>	No further action other than general housekeeping.	Petroleum material appeared to have stained the unit's floor. The petroleum stains do not pose a threat to the environment or human health. General cleaning of the unit's floor would adequately remedy the situation. The petroleum stains appeared dry and were completely contained within the unit.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit 816 (Near Building 816): Oil/Water Separator</u>	Provide for engineering control berm around unit to prevent possible overflows of material to the environment.	There is no indication that the unit has overflowed and contaminated the environment, but the potential does exist. Providing a concrete berm/curb around the unit and respective grit chamber would decrease the likelihood of a release.	N/A
<u>Unit GP19 (Near Building GP-19): Oil/Water Separator</u>	Sample soil around the wash rack drain area and in low-lying area adjacent to the unit. Soil samples should be analyzed for oil and grease, BTEX and non-halogenated volatile organics (i.e., diesel).	Water was diverted around the wash rack drain and therefore did not travel through the oil/water separator. Water was allowed to pool in two locations adjacent to the separator. The pooled water's surface contained a petroleum product sheen.	If analytical results indicate a release above action levels has occurred, proper corrective action should follow.
<u>Unit FC200 (Near Building FC-200): Oil/Water Separator</u>	No further action.	No signs of past releases from the unit were identified.	A release adjacent to the unit was reported during the site investigation by people responsible for its operation. The release, they said, was caused during unit sludge and sediment removal operations when a vacuum hose connection failed, causing the material to be released to the nearby soil. According to personnel responsible for the unit's operation, the release was immediately contained and all visible contamination was removed and containerized. During the investigation of this unit, there was no visible contamination of the surrounding area.
<u>Unit FC120 (Near Building FC-120): &lt; 90-day Hazardous Waste Unit</u>	No Further Action	No signs of past releases from the unit were identified.	Although there was no indication of a release to the environment, one hazardous waste drum containing waste diesel fuel was badly damaged. It is recommended that this drum be overpacked and immediately removed for disposal or repackaging. It was also noted that this unit is adjacent to unit SFC145. MCB Camp Lejeune may want to recommend that all hazardous waste generated by this unit are accumulated within the latter unit as it affords more protection from releases.

**Table 6-1  
Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit SFC270 (Near Building FC-270): Release</u>	No further action/other than general housekeeping	No signs of past releases from the unit were identified.	A petroleum stain was discovered on the concrete near the front of said unit. This stain should be removed through general housekeeping. It appeared to have been caused by a one-time release of product and was contained on the concrete.
<u>Unit SM93 (near Building M-119): &lt; 90-day Hazardous Waste Unit</u>	No further action other than general housekeeping.	No signs of past releases from the unit were identified other than a one-time petroleum product release onto its concrete floor. The release does not appear to have escaped from the unit to the environment. No contraction/expansion joints or weather cracks in the concrete were noticed in the release's vicinity.	N/A
<u>Unit M144 (Near Building M-144): &lt; 90-day Hazardous Waste Unit and Used Oil AST</u>	No further action other than general housekeeping.	No signs of past releases from the unit were identified other than a one-time petroleum product release onto the concrete floor of the unit. The release does not appear to impose a threat to the environment as it is contained within said unit.	N/A
<u>Unit SM187 (Near Building M-90): Oil/Water Separator</u>	Soil around the unit and near the wash rack drain should be sampled and analyzed for oil and grease, non-halogenated volatile organics, and BTEX. Samples should also be taken and analyzed for the above constituents at equal intervals within the natural/man-made trench beginning at the wash rack drain and leading to the bay.	It was evident that vehicle and equipment wash water was allowed to bypass the oil/water separator system via the trench. It was also evident, by the depth of the trench, that operations had been repetitiously conducted in this manner.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit 1041 (Near Building 1041): &lt; 90-day Hazardous Waste Unit</u>	No further action.	No signs of past releases from the unit were identified.	This unit was not equipped with the engineering controls to prevent the release of hazardous waste into the environment, as is the case in the majority of such units. The hazardous waste were allowed to accumulate within drums that were placed directly onto soil.
<u>Unit S1735 (Near Building 1700): Oil/Water Separator</u>	Sample soil around external walls of unit where visible stains of heating oil No. 6 are present. Samples should be analyzed for non-halogenated volatile organics and oil and grease.	No. 6 fuel oil appears to have been poured into the unit on different occasions throughout its operation. Fuel oil poured into the unit has been released onto the adjacent soil.	N/A
<u>Unit 1700-1 (Near Building 1700): Oil/Water Separator</u>	No further action.	No signs of past releases from the unit were identified.	No. 6 fuel oil has been poured into the unit on separate occasions but does not appear to have been released into the environment.
<u>Unit 1700-2 (Near Building 1700): Oil/Water Separator</u>	No further action.	No signs of past releases from the unit were identified.	No. 6 fuel oil has been poured into the unit on separate occasions but does not appear to have been released into the environment.
<u>Unit 1203 (Between Buildings 1203 and 1204): Oil/Water Separator/Wash Rack</u>	Sample soil around wash rack drain area. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	Wash rack operations have been allowed to overflow the drain due to it being clogged with natural debris (i.e., leaves, sticks, sand, etc.). Since the drain does not function as designed, wash water is not allowed to drain through the oil/water separator.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

<b>Site Number</b>	<b>Suggested Further Action</b>	<b>Reason</b>	<b>Supplemental Information</b>
<u>Unit TC773 (Near Building TC-773): Oil/Water Separator/Wash Rack</u>	Sample soil directly under expansion/contraction joints between the joining of concrete and asphalt for oil and grease, non-halogenated volatile organics, and BTEX. Following sampling activities and the discovery (and removal) or non-discovery of contaminants, engineer wash rack and drain to adequately contain wash water prior to its discharge to the oil/water separator.	Wash water is believed, during heavy wash operations and when the drain is full of sediment, to bypass and overflow the wash rack drain. This bypass and overflow is evident from the pooling of sediment on the opposite side of the drain.	N/A
<u>Unit TC773 (Near Building TC-773): &lt; 90-day Hazardous Waste Unit</u>	No further action other than general housekeeping and cleaning activities.	Potential oil release was noted on the concrete flooring of said unit. The petroleum release appeared to a one-time event and did not pose a threat to contaminate soil below the unit or surface water due to the unit's engineering design and the lack of defects or construction joints in the concrete.	N/A
<u>Unit FC230-1 (Near Building FC-230): Oil/Water Separator</u>	Sample soil on outside of far wall of unit and near fence and analyze for oil and grease, non-halogenated volatile organics, and BTEX. Soil shall be removed above the action level and disposed of properly.	Wash water from the wash rack and water from the oil/water separator have had a history of releasing to the environment during vehicle and equipment-cleaning operations. During the site investigation, it was noted that soil adjacent to the unit and along the adjacent fence line appeared slightly discolored. A trench also was discovered in this area where the overflowing wash water discharged. It appeared that a damaged section of the unit was allowing water to be released. This section appeared repaired during the site investigation.	N/A

Table 6-1  
 Assessment of Suggested Further Actions and Reasons

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit S1619 (Between Buildings 1604 and 1605): Oil/Water Separator/Wash Rack</u>	Sample soil along diversion ditch circumventing the grit chamber to said unit and remove all soil above the action level. Sampling also may be needed within nearby drainage ditch in which diversion ditch discharges, depending on analytical results of soil within the latter. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX. Diversion ditch should be repaired prior to sampling activities to ensure wash water is not further diverted.	Wash water from wash rack has been allowed to bypass the grit chamber and the remainder of the oil/water separator unit via a diversion ditch that appears man-made.	N/A
<u>Unit 1771 (Near Building 1771): &lt; 90-day Hazardous Waste Unit/Used Oil AST</u>	No further action.	No signs of past releases from the unit were identified.	A one-time release of used oil from the AST occurred during the site investigation. This release was promptly remediated and did not pose a threat to environmental media.
<u>Unit SM269 (Near Building M-200): Oil/Water Separator/Spill Containment Basin</u>	No further action regarding said unit. MCB Camp Lejeune should remove petroleum stains from grassy area surrounding the unit. The stains appeared fresh and may have been caused while pouring fuel oil No. 6 into the unit, a common practice of those operating steam plants on base.	Stains appeared to a one-time occurrence and should not present a risk to soil or groundwater due to the small amount released. Although the amount of material is minute, removing all visible stains is recommended	N/A

**Table 6-1  
Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit S1829 (Near Building 1860): &lt; 90-day Hazardous Waste Unit</u>	No further action.	No signs of past releases from the unit were identified.	Generator outside unit appeared to be releasing petroleum product onto the asphalt drive. It is recommended, due to proximity of the generator to the hazardous waste unit, the released petroleum product be removed through general cleaning activities.
<u>Unit 1780-1 (Near Building 1780): Oil/Water Separator</u>	No further action.	No signs of past releases from the unit were identified.	Overflow from the spill containment basin is discharged to the woods behind the unit. During the site investigation there was no indication that contaminants were being released to the environment via this route.
<u>Unit 1780-2 (Near Building 1780): Oil/Water Separator</u>	Close and remove unit and redirect wash water from maintenance bay cleaning activities to the main oil/water separator. Subsequent to the removal of the unit, MCB Camp Lejeune should sample the sediment and surface water of the small creek adjacent to the unit. Sampling analyses should consist of oil and grease, non-halogenated volatile organics, and BTEX.	The oil/water separator was installed in 1970, according to facility blueprints, and is not currently operating according to specifications. The unit appeared to be badly rusted and was releasing water into a small creek. The water had an oily sheen on its surface.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit 1780-1</u> <u>(Adjacent to Unit</u> <u>1780-2): Used Oil</u> <u>UST</u>	Close and remove unit and redirect wash water from maintenance bay cleaning activities to the main oil/water separator. During removal of the unit, MCB Camp Lejeune should sample the soil beneath the unit and its respective fittings. Sampling analyses should consist of oil and grease, non-halogenated volatile organics, and BTEX.	The used oil UST was installed in 1970, according to facility blueprints, as an overflow containment system to the adjacent oil/water separator. The UST appears full and is not allowing any compensation for the wash water still being received by the oil/water separator.	N/A
<u>Unit 1780-3 (Near</u> <u>Building 1780):</u> <u>Oil/Water</u> <u>Separator</u>	No further action.	No signs of past releases from the unit were identified.	This unit was constructed similar to unit 1780-2 and, therefore should be inspected regarding its integrity and usefulness. Although no releases were noted from this unit, it cannot be completely disregarded as a potential source of future environmental media contamination.
<u>Unit 1780-2</u> <u>(Adjacent to Unit</u> <u>1780-3): Used Oil</u> <u>UST</u>	No further action.	No signs of past releases from the unit were identified.	This unit was constructed similar to unit 1780-A and, therefore, should be inspected regarding its integrity and usefulness. Although no releases were noted from this unit, it cannot be completely disregarded as a potential source of future environmental media contamination.
<u>Unit S1753 (Near</u> <u>Building 1709):</u> <u>Oil/Water</u> <u>Separator/Used</u> <u>Oil AST</u>	Sample soil around wash rack drain area where soil appears stained from overflowing wash rack water. Analyses should be in oil and grease, non-halogenated volatile organics, and BTEX. Areas above state action levels should be excavated immediately and disposed of properly.	Soil around wash rack drain area appeared wet and stained from vehicle and equipment-washing operations.	N/A

**Table 6-1  
Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit S1745 (Near Building 1710): Oil/Water Separator</u>	No further action.	No signs of past releases from the unit were identified.	It appeared that spray-paint operations had been conducted on the unit's grate in the past. MCB Camp Lejeune may want to prevent this activity from taking place to ensure that spray-paint material is not accidentally released to the environment.
<u>Unit 1601 (Near Building 1601): Used Oil AST</u>	Remove all visible oil product from the bermed concrete pad area on which the unit is placed and remove all visibly contaminated soil around and below the drainage pipe discharging through one side of the concrete diking. After removing the visibly stained soil, soil directly below the discharge pipe should be sampled to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST and the bermed area via the discharge piping. This is evident from the stained soil below the pipe and the concrete around it.	N/A
<u>Unit 1205 (Near Building 1205): Used Oil AST</u>	Remove all visible oil product from the asphalt area on which the unit is placed.	Petroleum product appears to have been routinely and systematically released from the used oil AST.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

<b>Site Number</b>	<b>Suggested Further Action</b>	<b>Reason</b>	<b>Supplemental Information</b>
<b><u>Unit 034 (Near Building 1450): Outfall</u></b>	Remove all visible oil product from ditch. After removal, collect soil samples and sediment samples for analyses. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from an oil/water separator and material storage areas.	N/A
<b><u>Unit BB224 (Near Building BB224): Soil Pile</u></b>	Remove all visible oil product from soil and remove soil pile with hydrocarbon smell. After removal, collect soil samples for analyses, including oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from a vehicle maintenance type of operation.	N/A
<b><u>Unit 2611 (Near Building 2611): Containers</u></b>	No further action other than general housekeeping and cleaning activities.	Potential release of tar to an asphaltic surface. The release appears to be a one-time event.	N/A
<b><u>Unit NH118 (Near Building NH 118): Underground Storage Tank</u></b>	Sample soil around the tank after the visibly stained soil is removed. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil UST.	N/A
<b><u>Unit 2615 (Near Building 2615): Oil/Water Separator</u></b>	No further action other than general housekeeping and cleaning activities.	Potential heavy oil release was noted on the walls of the unit. The petroleum release appeared to be a one-time occurrence.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit PT33 (Near Building PT33): Pond</u>	The unit should either cease operations or obtain a pretreatment permit. If operations are ceased, then the grease should be removed and properly disposed of. The unit should be dismantled and soil samples should be collected and analyzed for oil and grease, non-halogenated and halogenated semivolatile organics, and RCRA metals.	Kitchen grease is being treated in an open lagoon. A 5-gallon can was observed in the pond.	N/A
<u>Unit 1502-O/W-1 (Near Building 1502): Oil/Water Separator</u>	No further action other than general housekeeping and cleaning activities.	Potential heavy oil release was noted on the walls of the unit. The petroleum release appeared to be a one-time occurrence.	N/A
<u>Unit SA-22 (Near Building SA 22): Soil Pile</u>	No further action other than those to be conducted through the CERCLA program.	Monitoring wells are present.	N/A
<u>Unit TT2453 (Near Building TT2453): Release</u>	Sample soil around the back door of the service station after removing visibly stained soil. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from used oil collection and parts cleaning.	N/A
<u>Unit BA130 (Near Building BA 130): Oil/Water Separator</u>	Sample soil around the tile field. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	The oil/water separator appears to have been routinely and systematically receiving petroleum products.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

<b>Site Number</b>	<b>Suggested Further Action</b>	<b>Reason</b>	<b>Supplemental Information</b>
<u>Unit S946 (Near Building S 913): Soil Pile</u>	No further action other than those to be conducted through the CERCLA program.	Monitoring wells are present.	N/A
<u>Unit S947 (Near Building S 913): Oil/Water Separator</u>	No further action other than general housekeeping, cleaning activities, and monitoring through the CERCLA program.	Monitoring wells are present.	N/A
<u>Unit S947 (Near Building S 913): Containers</u>	No further action other than general housekeeping, cleaning activities, and monitoring through the CERCLA program.	There is a potential release of petroleum-contaminated soil and water to the surface soil. The release appears to be a one-time event. Monitoring wells are present.	N/A
<u>Unit 1106/1107 (Near Building 1106): Underground Storage Tank</u>	Sample soil around the tank after removing visibly stained soil. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil UST.	N/A
<u>Unit 1106/1107 (Near Building 1106): Oil/Water Separator</u>	Soil sampling around the oil/water separator should be conducted after visibly stained soil is removed. Samples should be analyzed for oil and grease, non-halogenated volatile organics, and BTEX.	The oil/water separator appears to have been routinely and systematically releasing petroleum products.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

<b>Site Number</b>	<b>Suggested Further Action</b>	<b>Reason</b>	<b>Supplemental Information</b>
<u>Unit AS504 (Near Building AS 504): Used Oil AST</u>	Remove all visible oil product from the bermed concrete pad area on which the unit is placed and remove all visibly contaminated soil around and below the drainage pipe discharging through one side of the concrete diking. After removing the visibly stained soil, sample it directly below the discharge pipe to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST and the bermed area via the discharge piping. This is evident from the stained soil below the pipe and the concrete around it.	N/A
<u>Unit AS515 (Near Building AS 515): Used Oil AST</u>	Remove all visible oil product from the bermed concrete pad area on which the unit is placed and remove all visibly contaminated soil around and below the drainage pipe discharging through one side of the concrete diking. After removing the visibly stained soil, sample it directly below the discharge pipe to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST and the bermed area via the discharge piping. This is evident from the stained soil below the pipe and the concrete around the pipe.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit AS4112</u> <u>(Near Building AS</u> <u>4100): Used Oil</u> <u>AST</u>	Remove all visible oil product from the bermed concrete pad area on which the unit is placed and remove all visibly contaminated soil around and below the drainage pipe discharging through one side of the concrete diking. After removing the visibly stained soil, sample it directly below the discharge pipe to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST and the bermed area via the discharge piping. This is evident from the stained soil below the pipe and the concrete around the pipe.	N/A
<u>Unit AS515 (Near</u> <u>Building AS 515):</u> <u>Oil/Water</u> <u>Separator</u>	Remove all visible oil product from the ditch and remove all visibly contaminated soil and sediment from the ditch. After removing the visibly stained soil and sediment, sample them in the ditch to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the oil/water separator. This is evident from floating product and the stained soil in the ditch.	N/A

**Table 6-1**  
**Assessment of Suggested Further Actions and Reasons**

Site Number	Suggested Further Action	Reason	Supplemental Information
<u>Unit AS118 (Near Building AS 118): Used Oil AST</u>	Remove all visible oil product and contaminated soil from around the tank. After removing the visibly stained soil, sample it to ensure that all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST. This is evident from the stained soil at the tank.	N/A
<u>Unit AS114 (Near Building AS 114): Used Oil AST</u>	Remove all visible oil product and contaminated soil around the tank. After the visibly stained soil has been removed, sample the soil directly below the tank to ensure all contamination has been removed. Sample analyses should include oil and grease, non-halogenated and halogenated volatile organics, and BTEX.	Petroleum product appears to have been routinely and systematically released from the used oil AST. This is evident from the stained soil at the tank.	N/A
<u>Unit STC868 (Near Building STC 872): Wash and Grease Rack</u>	No further action other than general housekeeping and cleaning activities.	Monitoring wells are present. Recent one-time release of hydraulic fluid requires removing.	N/A
<u>Unit 45 (Near Building 45): Pond</u>	No further action other than those to be conducted through the CERCLA program.	Monitoring wells are present.	N/A

## **7.0 SUGGESTED APPROACHES FOR SAMPLING AND ANALYSIS**

This section summarizes the suggested approaches for sampling at the sites where past or continuing releases to the environment are suspected. This summarized information is provided in Table 7-1. Implementing any suggested approaches should be coordinated with NCDEHNR Solid and Hazardous Waste Management Branch.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
SFC282 < 90-day Hazardous Waste Area	No sampling required.
FC285 (Near Building FC-285): Used Oil AST	No sampling required.
1601 (Near Building 1601): < 90-day Hazardous Waste Unit	No sampling required.
902 (Between Building 902 and 910): < 90-day Hazardous Waste Unit	No sampling required.
Unit 816 (Near Building 816): Oil/Water Separator	No sampling required.
Unit GP 19 (Near Building GP-19): Oil/Water Separator	Remove any, and all, visible surface contamination. Following removal of visibly stained soil, proceed with surface soil sampling around wash rack drain, along wash water flow line, and within water pooling areas. The number of soil samples should be representative of the area in which sampling is being conducted. One grab sample from each sampling location should be obtained at a depth of 0 to 6 inches.
Unit FC200 (Near Building FC-200): Oil/Water Separator	No sampling required.
Unit FC 120 (Near Building FC-120): < 90-day Hazardous Waste Unit	No sampling required.
Unit SFC279 (Near Building FC 270): < 90-day Hazardous Waste Unit	No sampling required.
Unit SM93 (Near Building M-119): < 90-day Hazardous Waste Unit	No sampling required.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit M144 (Near Building M-144): < 90-day Hazardous Waste Unit and Used Oil AST	No sampling required.
Unit SM 187 (Near Building M-90): Oil/Water Separator	Following the removal of all, if any, visibly contaminated soils, samples should be obtained from around the wash rack drain and along the man-made trench to verify the removal of all contamination. Sample locations along the man-made trench should be at intervals no greater than 10 feet. Sample locations around the wash rack drain should consist of two in number on the side of visible contamination. One grab sample from each sampling location should be obtained at a depth of 0 to 6 inches.
Unit 1041 (Near Building 1041): < 90-day Hazardous Waste Unit	No sampling required.
Unit S1735 (Near Building 1700): Oil/Water Separator	Soil samples should be obtained wherever visible No. 6 fuel oil stains are located. Samples should be obtained following the removal of visible contamination. One grab sample at each location of visible contamination should be obtained at a depth of 0 to 6.
Unit 1700-1 (Near Building 1700): Oil/Water Separator	No sampling required.
Unit 1700-2 (Near Building 1700): Oil/Water Separator	No sampling required.
Unit 1203 (Between Buildings 1203 and 1204): Oil/Water Separator/Wash Rack	Soil samples should be obtained at each corner of the wash rack drain. One grab sample from each sampling location should be obtained at a depth of 0 to 6 inches. Removing visibly contaminated soil prior to sampling is recommended.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit TC 773 (Near Building TC-773): Oil/Water Separator/Wash	Obtain samples directly below the expansion/contraction joints separating the concrete slab from the asphalt lot surrounding the wash rack drain. Before sampling the soil beneath the expansion joints, remove the upper 1 inch of soil to prevent the inadvertent sampling of asphalt. Soil samples should be obtained from three separate locations surrounding the wash rack drain nearest the oil/water separator unit. One grab sample at each location of visible contamination should be obtained at a depth of 0 to 6 inches.
Unit TC 773 (Near Building TC-773): < 90-day Hazardous Waste Unit	No sampling required.
Unit FC230-1 (Near Building FC-230): Oil/Water Separator	Following the removal of all, if any, visibly contaminated soil, samples should be obtained at the repaired section of the berm surrounding the oil/water separator and along the naturally made trench to verify no contamination exists. Sample locations along the naturally made trench should be at intervals no greater than 8 feet (approximately two samples). Sample locations at the repaired section of berm should consist of two in number. One grab sample from each sampling location should be obtained at a depth of 0 to 6 inches.
Unit S1619 (Between Buildings 1604 and 1605): Oil/Water Separator/Wash Rack	Obtain soil samples at intervals of 5 to 8 feet within the middle of the diversion ditch. Two samples at each location should be obtained at depths of 0 to 6 and 6 to 12 inches. Each sample should be analyzed for the analytes recommended within this text. One similar sample should be obtained at the point of discharge into the drainage ditch, depending on results of diversion ditch sampling.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit 1771 (Near Building 1771): < 90-day Hazardous Waste Unit/Used Oil AST	No sampling required.
Unit SM 269 (Near Building M-200): Oil/Water Separator/Spill Containment Basin	No sampling required.
Unit S1829 (Near Building 1860): < 90-day Hazardous Waste Unit	No sampling required.
Unit 1780-1 (Near Building 1780): Oil/Water Separator	No sampling required.
Unit 1780-2 (Near Building 1780): Oil/Water Separator	Surface water samples of nearby creek should be obtained. Sampling of the surface water should consist of two samples: one where the water enters the creek and one within the center of the creek. Sediment sampling should also be completed in similar locations within the creek at depths of 0 to 6 and 6 to 12 inches. Following removal of the unit, one soil sample beneath the unit should be obtained. This sample should be representative of the worst-case scenario and at a depth of 0 to 6 inches.
Unit 1780-A (Adjacent to Unit 1780-2): Used Oil UST	Following removal of this unit, one representative sample should be obtained from beneath the unit at a depth of 0 to 6 inches. It is also recommended that one soil sample be obtained from beneath the connecting piping between the adjacent oil/water separator and said unit at the same depth.
Unit 1780-3 (Near Building 1780): Oil/Water Separator	No sampling required.
Unit 1780-B (Adjacent to Unit 1780-3): Used Oil UST	No sampling required.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit S1753 (Near Building 1709): Oil/Water Separator/Used Oil AST	Soil samples should be obtained at each corner of the wash rack drain. One grab sample from each sampling location should be obtained at a depth of 0 to 6 inches. Removing visibly contaminated soil prior to sampling is recommended.
Unit S1745 (Near Building 1710): Oil/Water Separator	No sampling required.
Unit 1601 (Near Building 1601): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from directly beneath the drain piping extending from the concrete bermed area.
Unit 1205 (Near Building 1205): Used Oil AST	No sampling required.
Unit 034 (Near Building 1450): Outfall	Obtain soil/sediment samples at intervals of 20 to 30 feet within the middle of the ditch. Two samples at each location should be obtained at depths of 0 to 6 and 6 to 18 inches. Each sample should be analyzed for the analytes recommended within this text. One similar sample should be obtained at the point of discharge into the drainage ditch.
Unit BB224 (Near Building BB224): Soil Pile	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil adjacent the concrete area.
Unit 2611 (Near Building 2611): Containers	No sampling required.
Unit NH118 (Near Building NH 118): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil adjacent the tank.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit 2615 (Near Building 2615): Oil/Water Separator	No sampling required.
Unit PT33 (Near Building PT 33): Pond	Obtain soil samples at intervals of 10 to 15 feet within the middle and two long sides of the two ponds. Two samples at each location should be obtained at depths of 0 to 6 and 6 to 18 inches. Each sample should be analyzed for the analytes recommended within this text. One similar sample should be obtained at the point of discharge into the oil/water separator.
Unit 1502 (Near Building 1502): Oil/Water Separator	No sampling required.
Unit SA-22 (Near Building SA 22): Soil Pile	No sampling required.
Unit TT2453 (Near Building TT 2453): Release	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil adjacent the concrete pavement by the back door.
Unit BA130 (Near Building BA 130): Oil/Water Separator	Obtain soil samples at intervals of 10 to 15 feet within the middle and two long sides of the tile field. Two samples at each location should be obtained at depths of 18 to 24 and 24 to 36 inches. Each sample should be analyzed for the analytes recommended within this text. One similar sample should be obtained at the point of discharge into the nearby waterway.
Unit S946 (Near Building S 913): Soil Pile	No sampling required.
Unit S947 (Near Building S 913): Oil/Water Separator	No sampling required.
Unit S947 (Near Building S 913): Containers	No sampling required.

**Table 7-1**  
**Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit 1106/1107 (Near Building 1106): Used Oil UST	Obtain soil samples at intervals of 0 to 1, 1 to 3, and 10 to 12 feet at four locations around the tank. Each sample should be analyzed for the analytes recommended within this text.
Unit 1106/1107 (Near Building 1106): Oil/Water Separator	Obtain soil samples at several locations around the unit and obtain the sample at the following depths, 0 to 12 and 12 to 36 inches. Each sample should be analyzed for the analytes recommended within this text.
Unit AS504 (Near Building AS 504): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil beneath the berm's drainage pipe.
Unit AS515 (Near Building AS 515): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil beneath the berm's drainage pipe.
Unit AS4112 (Near Building AS 4112): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil beneath the berm's drainage pipe.
Unit AS515 (Near Building AS 515): Oil/Water Separator	Obtain soil/sediment samples at intervals of 10 to 15 feet within the middle of the ditch. Two samples at each location should be obtained at depths of 0 to 6 and 6 to 18 inches. Each sample should be analyzed for the analytes recommended within this text. One similar sample should be obtained at the point of discharge into the drainage ditch.
Unit AS118 (Near Building AS 118): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil adjacent the tank.

**Table 7-1  
Suggested Sampling Approaches**

<b>Site Number</b>	<b>Suggested Sampling Approach</b>
Unit AS114 (Near Building AS 114): Used Oil AST	One grab soil sample, following the removal of all visibly contaminated soil, should be obtained from the soil adjacent the tank.
Unit STC868 (Near Building STC 872): Wash and Grease Rack	No sampling required.
Unit 45 (Near Building 45): Pond	No sampling required.

## 8.0 REFERENCES

- Baker Environmental, Incorporated. (September 29, 1993). *Final Fiscal Year 1994 Site Management Plan for Marine Corps Base, Camp Lejeune, North Carolina*. Coraopolis, Pennsylvania.
- Environmental and Safety Designs, Incorporated (EnSafe). (November 1988). *Open Burning and Open Detonation Part B Permit Application*. Memphis, Tennessee.
- ESE. (September 1990). *Final Site Summary Report Marine Corps Base Camp Lejeune, North Carolina*. Plymouth Meeting, Pennsylvania.
- Geophex, Limited. (March 1993). *Hazardous Waste Minimization Program Assessment and Recommendations Marine Corps Base Camp Lejeune, North Carolina*. Raleigh, North Carolina.
- Geophex, Limited. (March 1991). *Wellhead Management Program Engineering Study 91-36 Officer in Charge of Construction Marine Corps Base Camp Lejeune, North Carolina*. Raleigh, North Carolina.
- Idaho National Engineering Laboratory. (April 1992). *Camp Lejeune Underground Storage Tank Survey Report Volume 1*. Idaho.
- MCB. (September 9, 1993). *Updated MCB-HMDO Listing*. Camp Lejeune, North Carolina.
- Rust Environmental & Infrastructure. (November, 1993). *Hazardous Waste Accumulation Point Study for Marine Corps Base, Camp Lejeune, North Carolina and Marine Corps Air Station, New River, North Carolina*. Cary, North Carolina.
- Sirrinc Environmental Consultants. (April 1993). *Storm Water Discharge Study Final Phase 2 Report Illicit Discharge Investigation, Marine Corps Base Camp Lejeune, North Carolina*. (Sirrinc Job No. R-3873.00). Cary, North Carolina.
- Sirrinc Environmental Consultants. (March 1993). *Storm Water Discharge Study Final Phase I Report Industrial Activity Inventory, Marine Corps Base Camp Lejeune, North Carolina, Volumes I and II*. (Sirrinc Job No. R-3873). Cary, North Carolina.
- Water and Air Research, Incorporated. (March 1983). *Initial Assessment Study of Marine Corps Base Camp Lejeune, North Carolina*. Gainesville, Florida.

**APPENDIX A**  
**INDIVIDUAL VISUAL SITE INSPECTION CHECK SHEETS**

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
A8-HWA	1	10-00	2nd Amphibious Assault Battalion, 2nd Marine Division
A47-HWA	2	1-2	2nd Amphibious Assault Battalion, 2nd Marine Division
SA42-O/W	2	1-3	2nd Amphibious Assault Battalion
A47-0/W-1	2	1-4	2nd Amphibious Assault Battalion, 2nd Marine Division
A47-O/W-2	2	1-5	2nd Amphibious Assault Battalion, 2nd Marine Division
SFC268-O/W	3	1-6	Supply Battalion, 2nd FSSG
SFC233-HWA	3	1-7	Supply Battalion, 2nd FSSG
SFC234-HWA	4	1-8	2nd Medical Battalion, 2nd FSSG
FC238-HWA	5	1-10	H&S Battalion, 2nd FSSG
FC255-O/W	5	1-11	H&S Battalion, 2nd FSSG
SFC283-HWA	6	1-13	Maintenance Battalion, 2nd FSSG
SFC282-HWA	6	1-14	Maintenance Battalion, 2nd FSSG
FC280-O/W	6	1-15	Maintenance Battalion, 2nd FSSG
FC281-O/W	7	1-16	Maintenance Battalion, 2nd FSSG
FC285-AST	8	1-17	Maintenance Battalion, 2nd FSSG
FC285-HWA	8	1-17	Maintenance Battalion, 2nd FSSG
SFC37-HWA	9	1-18	Motor Transport, 2nd FSSG
FC40-O/W	9	1-19	Motor Transport, 2nd FSSG
SFC46-HWA	10	1-20	Operation Readiness Float, 2nd FSSG
FC45-O/W	10	1-21	Operation Readiness Float, 2nd FSSG
FC51-HWA	11	1-22	Electronics Maintenance Company, 2nd FSSG
FC51-0/W	11	1-22	Electronics Maintenance Company, 2nd FSSG
1601-HWA	12	1-23	Motor Transport Maintenance, 2nd FSSG
902-HWA	13	1-24/ 25	Engineer Maintenance Company, 2nd FSSG
902-AST	13	1-24/ 25	8th Engineers, 2nd FSSG
816-O/W	14	1-26/ 27	8th Engineers, 2nd FSSG

**Table A-1**  
**Visual Site Inspection Unit List**

<b>Site Number</b>	<b>Page No.</b>	<b>Roll-Photo</b>	<b>Unit Name</b>
GP190-O/W	15	1-28/ 29	8th Engineers, 2nd FSSG
739-O/W	16	1-30	8th Engineers, 2nd FSSG
SFC221-HWA	17	1-31	8th Engineers, 2nd FSSG
FC200-O/W	18	1-32	8th Engineers, 2nd FSSG
FC120-HWA	19	1-33	Land Support Battalion, 2nd FSSG
FC120-O/W	19	1-34	Land Support Battalion, 2nd FSSG
SFC145-HWA	19	1-35	Land Support Battalion, 2nd FSSG
FC134-O/W	20	1-36	Land Support Battalion, 2nd FSSG
FC134-HWA	20	1-37	Land Support Battalion, 2nd FSSG
FC270-O/W	21	2-1	8th Motor Transport, 2nd FSSG
SFC279-HWA	22	2-2	8th Motor Transport, 2nd FSSG
Release (FC270)	22	None	8th Motor Transport, 2nd FSSG
M119-O/W	23	6-1	Marine Corps Support Services School Group
SM93-HWA	23	6-2	Marine Corps Support Services School Group
M144-HWA-AST	24	6-3	Marine Corps Support Services School Group
M90-HWA	25	6-4	Marine Corps Support Services School Group
SM187-O/W	26	6-5/6	Marine Corps Support Services School Group
1805-HWA	27	6-7	2nd Combat Engineer Battalion, 2nd Marine Division
1859-O/W	27	6-8/9	2nd Combat Engineer Battalion, 2nd Marine Division
1895-HWA-1	28	6-10	2nd Combat Engineer Battalion, 2nd Marine Division
1895-HWA-2	28	6-11	2nd Combat Engineer Battalion, 2nd Marine Division
1041-HWA	29	6-12	MCB Brig Company
1203-O/W	30	2-3	MCB Maintenance
1105-O/W	31	2-4	MCB Maintenance
1102/1131-HWA	32	2-5	MCB Maintenance
1700-O/W-1	33	2-6	MCB Maintenance

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
1700-O/W-2	33	2-7	MCB Maintenance
S1735-O/W	34	2-8/9	MCB Maintenance
738-O/W	35	2-10	MCB Maintenance
45-HWA	36	2-11	MCB Maintenance
SLCH785-Basin	36	2-12	MCB Maintenance
S792-O/W	36	2-13	MCB Maintenance
1403-HWA	37	2-15	Training and Support Division
S1762-HWA	38	2-16	Morale, Welfare, and Recreation
TC773-O/W	39	2-17	School of Infantry
TC773-HWA	39	2-18	School of Infantry
TC777-O/W	40	2-19	School of Infantry
G694-O/W-Rack	41	2-20/ 21/22	MCB Maintenance
SAS137-Basin	42	2-24	Marine Corps Air Station
M628-O/W	43	2-25	MCB Maintenance
RR62-HWA	44	2-26	Rifle Range
SRR80-O/W	45	2-27	Rifle Range
RR15-O/W-1	46	2-28	MCB Maintenance
RR15-O/W-2	46	2-29	MCB Maintenance
M178-HWA	47	2-30	Field Medical Services
FC230-O/W-1	48	10-0/1	8th Communication Battalion, 2nd SRIG
FC230-O/W-2	49	3-2	8th Communication Battalion, 2nd SRIG
SFC235-HWA	49	3-3	8th Communication Battalion, 2nd SRIG
1605-HWA-1	50	3-4	8th Communication Battalion (Alpha Co-Radio), 2nd SRIG
1605-HWA-2	50	3-5	8th Communication Battalion (MagTaf), 2nd SRIG
S1619-O/W	50	3-6	8th Communication Battalion, 2nd SRIG
1604-HWA	50	3-7	8th Communication Battalion, 2nd SRIG
1771-HWA-AST	51	3-8	Headquarters & Service Company, 2nd Marine Expeditionary Forces
SFC237-HWA	52	3-9	2nd Anglico, 2nd SRIG
FC251-O/W	52	3-10	2nd Anglico, 2nd SRIG

**Table A-1**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
1747-O/W-1	53	3-11	2nd Unmanned Aerial Vehicle, 2nd SRIG
1747-O/W-2	53	3-12	2nd Unmanned Aerial Vehicle, 2nd SRIG
FC365-HWA	54	3-13	2nd Radio Battalion, 2nd SRIG
SFC244-O/W	55	3-14	2nd Radio Battalion (Motor Transport), 2nd SRIG
SFC236-HWA	55	3-15	2nd Radio Battalion (Motor Transport), 2nd SRIG
FC241-AST	55	3-15	2nd Radio Battalion (Motor Transport), 2nd SRIG
S1746-HWA	53	3-16	2nd Unmanned Aerial Vehicle, 2nd SRIG
1827-HWA-1	56	3-17	Intelligence Company 2nd SRIG
1827-HWA-2	56	3-18	Intelligence Company, 2nd SRIG
SM632-O/W	57	3-19	Base Maintenance
M107-O/W-1	58	3-20	Motor Transport School Company.
M107-O/W-2	58	3-21	Motor Transport School Company.
SM269-Basin	59	3-22	Unknown
M200-AST	59	10-7	Unknown
1860-O/W	60	3-23	Communication Company, Headquarters Battalion, 2D Marine Division
S1892-HWA	60	3-24	Communication Company, Headquarters Battalion, 2D Marine Division
1780-HWA	61	3-25	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
1780-O/W-1	61	3-26	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
1780-O/W-2	61	3-27	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
1780-UST-1	61	3-26	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
1780-O/W-3	61	3-29	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
1780-UST-1	61	3-28	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
S1753-O/W-AST	62	10-2	Small Craft Company, Headquarters, 2D Marine Division
S1745-O/W	63	4-2	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division
728-AST	64	4-3	Marina Gottschalk
1601-AST	65	4-4	2nd FSSG
1601-O/W	66	4-5	Unknown
1700-Pond-A	67	4-6	MCB Maintenance
1700-Basin-B	67	4-7	Base Maintenance
FC19-Rack	68	4-8	Unknown
S1836-HWA	69	4-9	6th Marines Regiment, 2nd Marine Division
1829-O/W-1	69	4-10	6th Marines Regiment, 2nd Marine Division
1829-O/W-2	69	4-11	6th Marines Regiment, 2nd Marine Division
P804-O/W-1	70	4-12	Unknown
P804-O/W-2	70	4-13	Unknown
FC285-O/W	71	4-14	Unknown
SFC284-HWA	71	4-15	Unknown
AS415-Basin	72	2-23	MCB Maintenance
S1854-O/W-1	B001	5-2	2nd Tank Battalion, 2nd Marine Division
S1854-O/W-2	B001	5-3	2nd Tank Battalion, 2nd Marine Division
S1854-HWA	B002	5-1	2nd Tank Battalion, 2nd Marine Division
S1854-UST-2	B003	None	2nd Tank Battalion, 2nd Marine Division
S1854-UST-1	B003	None	2nd Tank Battalion, 2nd Marine Division
1205-AST	B004	5-4	H&S Company, 2nd Marine Expeditionary Forces
1205-HWA	B004	5-4	H&S Company, 2nd Marine Expeditionary Forces
H36-Rack	B005	None	Engineering Maintenance Section, 2nd Marine Expeditionary Forces
H36-HWA	B005	5-5	Engineering Maintenance Section, 2nd Marine Expeditionary Forces
H36-AST	B005	5-5	Engineering Maintenance Section, 2nd Marine Expeditionary Forces

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
BB51-O/W	B006	5-6	MC Engineering School
BB150-O/W	B007	5-7	MC Engineering School
BB51-HWA	B008	5-8	MC Engineering School
BB51-AST	B009	5-9	MC Engineering School
BB52-O/W-2	B010	5-10	MC Engineering School
SBB135-HWA	B011	5-11	MC Engineering School
SBB169-O/W	B012	5-12	MC Engineering School
SBB169-AST	B012	5-13	MC Engineering School
SBB241-O/W	B013	5-14	MC Engineering School
BB293-O/W	B014	5-15	MC Engineering School
HP100-O/W	B015	5-16	Motor T, 8th Marine Regiment, 2nd Marine Division
HP100-UST	B015	5-19	Motor T, 8th Marine Regiment, 2nd Marine Division
HP100-HWA	B016	5-17/ 18	8th Marine Regiment, 2nd Marine Division
HP104-HWA	B017	None	Communication Center, 8th Marine Regiment, 2nd Marine Division
1450-HWA	B018	5-21	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division
1450-O/W-1	B019	5-22	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division
1450-O/W-2	B020	5-23	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division
034 Ditch	B021	5-24	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division
BB224-Pile	B022	5-25	Unknown
BB9-O/W	B023	5-26	MCB Steam Plant
BB9-Basin	B023	5-27	MCB Steam Plant
2611-Container	B024	5-28	MCB Parking Lot
HP250-O/W	B025	5-29	2nd Marine Division
HP250-HWA	B026	5-30	2nd Marine Division
HP250-AST	B026	5-30	2nd Marine Division
HP250-O/W-2	B027	5-31	32nd Communication, 2nd Marine Division
H118-O/W	B028	5-32	Naval Hospital

**Table A-1**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
NH118-UST	B029	None	Naval Hospital
NH118-HWA	B029	5-33	Naval Hospital
2615-O/W	B030	5-34	MCB O' Club
PT33-Pond-O/W	B031	5-35	MCB
PT33-Pile	B031	5-36	MCB
908-HWA	B032	6-13	Logistic
961-O/W	B033	6-14	Logistic
1407/1408-O/W	B034	6-15	Logistic
1502-O/W-1	B035	6-16/ 17	Logistic
1502-HWA	B036	6-18	Logistic
1502-O/W-2	B036	6-35	Logistic
TC364-Basin	B037	6-19	Logistic
AS118-O/W	B038	6-20 8-32	Logistic
AS22-O/W	B039	6-21	2nd Amphibious Assault Battalion, 2nd Marine Division
AS22-Pile	B040	6-22	2nd Amphibious Assault Battalion, 2nd Marine Division
SA16-O/W	B041	6-23	2nd Amphibious Assault Battalion, 2nd Marine Division
SA36-O/W	B042	6-24	2nd Amphibious Assault Battalion, 2nd Marine Division
A1-HWA	B043	6-25	2nd Amphibious Assault Battalion, 2nd Marine Division
A1-Rack	B044	6-26	2nd Amphibious Assault Battalion, 2nd Marine Division
ST32-Pile	B045	6-28	MCB Maintenance
TT2453-Release	B046	6-29	MCB Auto Hobby Tarawa Terrace
TT2453-AST	B046	6-29	MCB Auto Hobby Tarawa Terrace
TT2453-HWA	B046	6-29	MCB Auto Hobby Tarawa Terrace
BA130-AST	B047	None	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division
BA130-O/W	B047	6-30	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division
BA130-HWA	B048	6-31	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division

**Table A-1**  
**Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
1053-O/W	B049	6-32	Morale, Welfare, and Recreation Car Wash
S1001-Basin	B050	6-33	MCB Rail Head
S1132-O/W	B051	6-34	Unknown
1610-O/W	B052	6-36/ 37	MCB Auto Shop
575-AST	B053	None	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division
575-O/W	B053	None	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division
575-HWA	B053	None	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division
575-UST	B053	None	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division
575-Rack	B054	None	Motor T, 2nd Light Armory Infantry Battalion, 2nd Marine Division
540-Backwash	B055	7-2	MCB Pool
236-Backwash	B056	7-3	MCB Pool
25-O/W	B057	7-4	MCB Dry Cleaners
43-AST	B058	7-5	MCB Security
1014-Container	B059	7-6/7	MCB Former PCB Storage Yard
946-UST	B060	7-13	MCB Recycling Center
S947-Pile	B061	7-8/9	MCB Recycling Center
S947-O/W	B062	7/10/ 11	MCB Recycling Center
S946-AST	B063	7-12	MCB Recycling Center
S947-Container	B064	7-14	MCB Recycling Center
913-AST	B065	7-15	MCB Recycling Center
TP45-AST	B066	7-18	MCB Truck Driving School
TP45-Rack	B067	7-19	MCB Truck Driving School
1916-O/W	B068	7-20	MCB Golf Course
600-UST	B069	None	MCB Golf Course
1775-HWA	B070	7-21	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division
1775-O/W-UST	B071	7-22	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
1775-UST	B072	7-23/ 24/25	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division
1445-O/W	B073	7-26	Communication, 10th Marine Regiment, 2nd Marine Division
1343-O/W	B074	7-27	HQ Motor T, 10th Marine Regiment, 2nd Marine Division
1327/1343-HWA	B075	7-28	HQ Motor T, 10th Marine Regiment, 2nd Marine Division
1323-UST	B076	7-29	HQ Battery-Motor T, 10th Marine Regiment, 2nd Marine Division
1106/1107-AST	B077	7-30	Motor T Auto Hobby
1106/1107-UST	B077	7-31	Motor T Auto Hobby
1106/1107-O/W	B077	7-32	Motor T Auto Hobby
1205/1206-O/W	B078	7-33	Motor T, H&S Company, 2nd Marine Expeditionary Forces
1301/1309-AST	B079	7-34	HQ & Service Company, 2nd SRIG
1301/1309-O/W	B079	7-34	HQ & Service Company, 2nd SRIG
1405/1406-O/W	B080	8-2	Unknown
1612-AST	B081	None	Motor T
1505/1506-O/W	B082	8-0	Motor T
1505/1506-AST	B082	8-0	Unknown
AS431-HWA	B083	8-4	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing
AS431-AST	B083	8-4	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing
AS504-O/W	B084	8-5	HMT 204, MAG-26, 2nd Marine Aircraft Wing
AS504-AST	B085	8-6	HMH 362, MAG-26, 2nd Marine Aircraft Wing
AS515-HWA-E	B086	8-7	HMM 266/ HMM 261, MAG-26, 2nd Marine Aircraft Wing
AS515-AST-E	B086	8-7	HMM 266/HMM 261, MAG-26, 2nd Marine Aircraft Wing
AS574-HWA	B087	8-8	HMM 261, MAG-26, 2nd Marine Aircraft Wing
AS574-AST	B087	8-8	HMM 261, MAG-26, 2nd Marine Aircraft Wing
AS525-AST	B088	8-9	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
AS525-HWA	B088	8-9	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing
AS3905-HWA	B089	8-10	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing
AS3905-AST	B089	8-11	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing
AS3905-O/W	B090	8-12	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing
AS4112-AST	B091	None	HMM 365, MAG-29, 2nd Marine Aircraft Wing
AS4112-HWA	B091	8-13	HMM 365, MAG-29, 2nd Marine Aircraft Wing
AS4134-HWA	B092	8-14	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing
AS4114-AST	B093	8-15	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing
AS4114-HWA	B093	8-15	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing
AS4108-AST	B094	8-16	HMLA 269, MAG-29, 2nd Marine Aircraft Wing
AS4115-AST	B095	8-17	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing
AS4115-HWA	B095	8-18	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing
AS4135-O/W	B096	10-10	MALS 29 GSE, MAG-29, 2nd Marine Aircraft Wing
AS4135-HWA	B096	10-9	MALS 29 GSE, MAG-29, 2nd Marine Aircraft Wing
AS4135-UST	B096	8-19	MALS 29 GSE, MAG-29, 2nd. Marine Aircraft Wing
AS226-Still	B097	None	MCAS
AS515-O/W	B098	8-20/ 21	HMH 362, MAG-26, 2nd Marine Aircraft Wing
AS576-O/W	B099	8-22	HMM 365, MAG-29, 2nd Marine Aircraft Wing
AS576-AST	B099	8-22	HMM 365, MAG-29, 2nd Marine Aircraft Wing
AS-Pit-UST	B100	8-23	MCAS
AS-Pit-O/W	B100	None	MCAS
AS592-O/W	B101	8-24	MCAS Engine Test Cell, HMLA 269, MAG-29, 2nd Marine Aircraft Wing

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
AS499-O/W	B102	8-25 9-11	MCAS
AS4159-O/W	B103	8-26	MWSS272, MWSG-27, 2nd Marine Aircraft Wing
AS4159-AST	B103	8-27	MWSS272, MWSG-27, 2nd Marine Aircraft Wing
AS4158-O/W	B104	8-28	MWSS272, MWSG-27, 2nd Marine Aircraft Wing
AS4158-HWA	B105	8-29	MWSS272, MWSG-27, 2nd Marine Aircraft Wing
AS143-O/W	B106	8-30	MCAS Supply Dept.
AS119-Rack	B107	8-31	MCAS Base Motor T
AS123-O/W	B108	None	Morale, Welfare, and Recreation
AS118-AST	B110	8-33	Motor T, MCB Logistic
AS114-AST	B111	8-34/ 35	MCAS Auto Hobby Shop
AS320-AST	B112	9-0	MCAS Flight Simulator
AS605-HWA	B113	9-1	MCAS < 90 Day H.W. Accumulation Area
AS605-O/W	B113	9-1	MCAS < 90 Day H.W. Accumulation Area
AS605-UST	B113	9-1	MCAS < 90 Day H.W. Accumulation Area
CG1-O/W	B114	9-2	MATCS-28, MACG-28, 2nd Marine Aircraft Wing
CG1-UST	B114	9-3	MATCS-28, MACG-28, 2nd Marine Aircraft Wing
AS4158-AST	B115	9-4	MWSS272, MWSG-27, 2nd Marine Aircraft Wing
AS-Curtis-Ditch	B116	9-6	MCAS Drainage Ditch Curtis Road
AS-Longstaff-Ditch	B117	9-7	MCAS Drainage Ditch longstaff Road
AS3504-AST	B118	None	MCAS AST
SAS3503-AST	B118	9-8	MCAS AST
SAS3503-O/W	B118	9-8	MCAS
AS3003-Ditch	B119	9-9	MCAS Drainage Ditch
AS-Primington-Ditch	B120	9-10	MCAS Drainage Ditch Primington Road

**Table A-1  
Visual Site Inspection Unit List**

Site Number	Page No.	Roll-Photo	Unit Name
AS5020-Ditch	B122	9-12	MCAS Drainage Ditch By Ordnance
STC874-O/W	B123	9-13	MCAS DRMO
STC868-Rack	B123	9-14	MCAS DRMO
STC872-Pile	B123	9-15	MCAS DRMO
TC811-O/W	B124	9-16	MCB Security
SM264-Rack	B125	9-17	Unknown
M105-Rack	B126	9-18	Unknown
SA45-O/W	B127	9-22	2nd. Amphibious Assault Battalion
45-Pond	B128	9-19/ 20	MCB
45-AST-2	B129	9-21	MCB
BB161-UST	B130	9-23/ 24	MC Engineer. School
BB190-Backwash	B131	9-25	MCB
BB177-AST	B131	9-26	Morale Welfare and Recreation
AS141-O/W	B133	None	MCB
907-HWA	B134	10-3	Medlog, 2nd Supply Battalion, 2nd FSSG
915-HWA	B135	10-5	2nd Supply Battalion, 2nd FSSG
SF97-HWA-AST	B136	10-6	MSSG-22, 2nd FSSG
AS4117-HWA	B137	10-8	HMM 162, MAG-29, 2nd Marine Aircraft Wing



UNIT NUMBER: 8-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Charcoal filters, M-256 Kits

SOURCE OF WASTE: M-256 kits, training

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS:

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAIL OF PAST RELEASES: No release history

**UNIT NUMBER:** A47-HWA

**Roll 1 - Photo 2**

**UNIT NAME:** 2nd Amphibious Assault Battalion

**REFERENCE:** WO. D.J. Mazzone/VSI - page A-2

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** May 1993 to present

**DIMENSIONS/VOLUME:** 25 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Wood roofing and framing. No side walls.

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:** X  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** < 90-day storage of hazardous waste (vehicle maintenance)

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: A47-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Electrolyte, Li batteries, paint, Pb filters (oil filters)

SOURCE OF WASTE: Vehicle painting, cracked batteries, vehicle oil filters

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X		LEAK DETECTION:
	(Only for precipitation runoff)		

DETAILS:

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: SA42-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Oil/water Separator**

**SOURCE OF WASTE:**

**DISPOSITION OF WASTE: Sanitary sewer (outfall)**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: None**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history, but possible**



UNIT NUMBER: A47-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil/water, grease and Debris

**SOURCE OF WASTE:** High-pressure wash of vehicles

**DISPOSITION OF WASTE:** Sanitary sewer or outfall into bay

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but suspected



UNIT NUMBER: A47-O/W-2

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Water, oil, grease and debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer or outfall into bay

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS: X</b>	<b>(to jetty)</b>	<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but suspected

**UNIT NUMBER: SFC268-O/W**

**Roll 1 - Photo 6**

**UNIT NAME: 2nd FSSG Supply Battalion**

**REFERENCE: Lt. Carrol and MSgt. Toles/VSI - page A-3**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: 1987 to present**

**DIMENSIONS/VOLUME: 3 feet by 10 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Separate oil and grease from vehicle wash water**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SFC268-O/W

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil and debris from vehicles

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: EMD storage tanks/recycling center

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



UNIT NUMBER: SFC233-HWA

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE: X</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS: X</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Lead acid batteries and electrolyte

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Floor drains in each of these stalls appeared open. Appear to flow/drain +  
oil/water separator SFC268

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history

**UNIT NUMBER: SFC234-HWA**

**Roll 1 - Photo 8**

**UNIT NAME: 2nd Medical Battalion - 2nd FSSG**

**REFERENCE: Lt. Carrol and MSgt. Toles/VSI - page A-4**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1991 to present**

**DIMENSIONS/VOLUME: 15 feet by 40 feet**

**MATERIAL OF CONSTRUCTION: Masonry brick walls and sloped metal roof**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:**  
**GRASS:                            SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                    CLOSE TO SURFACE WATER:            IN-GROUND:**  
**OUTDOORS: X            CLOSE TO DRINKING WATER:            ABOVE-GROUND: X**  
**COVERED:                    RESIDENCES:                            BELOW-GROUND:**

**PURPOSE OF UNIT: Accumulation of hazardous waste prior to shipment to storage facility**

**B. CLOSURE INFORMATION**

**ACTIVE: X    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: SFC234-HWA

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE: X</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Acid batteries, electrolyte, diethylene Triamine (NBC)**

**SOURCE OF WASTE: Vehicle maintenance and training**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: Floor drains in each of these stalls appeared open. Appear to flow/drain to oil/water separator SFC268**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**

**UNIT NUMBER:** FC238-HWA

**Roll 1 - Photo 10**

**UNIT NAME:** H&S Battalion - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-5

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation unit

**PERIOD OF OPERATIONS:** 1991 to present

**DIMENSIONS/VOLUME:** 10 feet by 40 feet

**MATERIAL OF CONSTRUCTION:** Masonry brick walls with sloped metal roof

**UNDERLAIN BY:**                      **CONCRETE: X**                      **ASPHALT:**                      **GRAVEL:**  
**GRASS:**                                      **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                      **CLOSE TO SURFACE WATER:**                      **IN-GROUND:**  
**OUTDOORS: X**                                      **CLOSE TO DRINKING WATER:**                      **ABOVE-GROUND: X**  
**COVERED: X**                                      **RESIDENCES:**                                      **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste prior to shipment to DRMO facility

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                      **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                      **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC238-HWA

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

**PARTICULARS:** Charcoal filters, oil filters, Li and Mg batteries, electrolyte

**SOURCE OF WASTE:** Training vehicle maintenance and communication devices

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER: DIKING: X SUMPS: X IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

**DETAILS:** Sumps directed to oil/water separator. Control by shut-off valve

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: FC255-O/W

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: X LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



UNIT NUMBER: SF283-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE: X</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Waste paint**

**SOURCE OF WASTE: Vehicle component painting**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS: Each bay drains to sump and oil/water separator**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**



UNIT NUMBER: SFC282-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Oil, oil-soaked soil, oil-soaked absorbents, oil filters

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

**DETAILS:** Drains within each bay directed towards sump and oil/water separator

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAIL OF PAST RELEASES:** Release history suspected. Oil stain outside storage area on south side and within far north bay

**UNIT NUMBER:** FC280-O/W

Roll 1 - Photo 15

**UNIT NAME:** Maintenance Battalion - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-6

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 15 feet by 30 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Concrete

**UNDERLAIN BY:**           **CONCRETE: X**                   **ASPHALT:**                   **GRAVEL:**  
                                  **GRASS:**                               **SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**                   **CLOSE TO SURFACE WATER:**                   **IN-GROUND: X**  
**OUTDOORS: X**               **CLOSE TO DRINKING WATER:**               **ABOVE-GROUND:**  
**COVERED:**                 **RESIDENCES:**                               **BELOW-GROUND:**

**PURPOSE OF UNIT:** Oil/water separation from rebuilding engines and transmissions rebuilds and maintenance

**B. CLOSURE INFORMATION**

**ACTIVE: X**   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**   **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC280-O/W

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, transmission fluid, diesel

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Does not drain to holding tank but believed to go to sanitary sewer system and to base water treatment works.

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible

**UNIT NUMBER:** FC281-O/W

**Roll 1 - Photo 16**

**UNIT NAME:** Maintenance Battalion - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-7

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 5 feet by 20 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Concrete

**UNDERLAIN BY:**            **CONCRETE: X**            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**            **IN-GROUND: X**  
**OUTDOORS: X**                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:**  
**COVERED:**                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Separating oil from water generated during vehicle washing

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC281-O/W

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil/water and debris from washing tanks and other vehicles

SOURCE OF WASTE: See above

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible

**UNIT NUMBER:** FC285-AST

**Roll 1 - Photo 17**

**UNIT NAME:** Maintenance Battalion 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-8

**A. DESCRIPTION**

**UNIT TYPE:** Used oil AST

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 550 gallons

**MATERIAL OF CONSTRUCTION:** Steel

**UNDERLAIN BY:**            **CONCRETE:**                    **ASPHALT: X**            **GRAVEL:**  
   **GRASS:**                                    **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                    **IN-GROUND:**  
**OUTDOORS: X**                                    **CLOSE TO DRINKING WATER:**                    **ABOVE-GROUND: X**  
**COVERED: X**                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulate used oil generated during vehicle and equipment maintenance activities.

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC285-AST

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>	
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>	
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>	<b>SLUDGES: E</b>
<b>TOXIC:</b>			

**PARTICULARS:** Used oil

**SOURCE OF WASTE:** Vehicle and equipment maintenance

**DISPOSITION OF WASTE:** Recycling Center

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** 2-foot sandbag diking

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** Potential, soil stain beneath tank

**UNIT NUMBER:** FC285-HWA

**Roll 1 - Photo 17**

**UNIT NAME:** Maintenance Battalion 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-8

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 60 feet by 20 feet

**MATERIAL OF CONSTRUCTION:** Open with 2-foot sandbag berm with sloped roof.

**UNDERLAIN BY:**

**CONCRETE:**  
**GRASS:**

**ASPHALT:**  
**SOIL:**

**GRAVEL:**

**ENVIRONMENTAL:**

**INDOORS:**

**OUTDOORS: X**  
**COVERED: X**

**CLOSE TO SURFACE WATER:**

**CLOSE TO DRINKING WATER:**  
**RESIDENCES:**

**IN-GROUND:**

**ABOVE-GROUND: X**  
**BELOW-GROUND:**

**PURPOSE OF UNIT:** Hazardous and solid waste accumulation

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/REMOVED OR DISMANTLED:**  
**REGULATORY STATUS:**

**INACTIVE/PHYSICALLY PRESENT:**

**CLOSED UNDER STATE OR EPA:**

**OTHER:**

UNIT NUMBER: FC285-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Contaminated diesel fuel, NiCd batteries

SOURCE OF WASTE: NiCd-powered optical guiding system in Tow II missile

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Sandbag diking

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release

DETAILS OF PAST RELEASES: No release history. Note: Adjacent used oil area appeared stained.



UNIT NUMBER: SFC37-HWA

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE: X</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS: X</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Used antifreeze, used oil filters, oil-contaminated soil, acid batteries

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Drains in each bay to oil/water separator, pitched, lean-to roof

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



**UNIT NUMBER: FC40-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil, water, and debris**

**SOURCE OF WASTE: Vehicle maintenance and washing**

**DISPOSITION OF WASTE: Sanitary sewer**

**D. RELEASE CONTROLS**

**LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history, but possible**

**UNIT NUMBER:** SFC46-HWA

Roll 1 - Photo 20

**UNIT NAME:** Operation Readiness Float - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-10

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 10 feet by 40 feet

**MATERIAL OF CONSTRUCTION:** Masonry bricks with sloped metal roof

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:** X  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Hazardous and solid waste accumulation

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: SFC46-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Electrolyte, acid batteries, diesel fuel (used)

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

DETAILS: Drains within each bay leading to sump and oil/water separator

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: FC45-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, and debris

**SOURCE OF WASTE:** Vehicle maintenance and washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: FC51-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: NiCd, Li, and Hg batteries, Freon, beryllium (conductor)

SOURCE OF WASTE: Electronics maintenance

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Totally enclosed

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



**UNIT NUMBER: FC51-O/W**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS:**

**SOURCE OF WASTE:**

**DISPOSITION OF WASTE:**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS:**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**



UNIT NUMBER: 1601-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Paint, used oil filters, used antifreeze, waste diesel

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

**DETAILS:** Sandbag diking

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: 902-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Used oil filters, waste antifreeze, paint, acid batteries, used oil

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

**DETAILS:** Diking provided by 6-inch to 1-foot sandbag berm surrounding unit

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release. Possible oil stains on soil noted

**DETAIL OF PAST RELEASES:** No release history, but suspected

**UNIT NUMBER: 902-AST**

**Roll 1 - Photo 24 and 25**

**UNIT NAME: Engineer Maintenance Co. 2nd FSSG**

**REFERENCE: Lt Carrol and MSgt. Toles/VSI - page A-13**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Accumulate used oil from vehicle and equipment maintenance**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 902-AST

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Used oil

SOURCE OF WASTE: Vehicle and equipment maintenance

DISPOSITION OF WASTE: Recycling center

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Sandbag diking

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release. Potential soil stain beneath tank

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: 816-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Oil**

**SOURCE OF WASTE: Vehicle washing and maintenance**

**DISPOSITION OF WASTE: Sanitary Sewer**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: Run-on Controls**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history but suspected**



UNIT NUMBER: GP190-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water

**SOURCE OF WASTE:** Vehicle cleaning and maintenance

**DISPOSITION OF WASTE:** Base water treatment work

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** 4 (Visual release condition noted) Currently overflowing, therefore, not utilized. Noted oily sheen on water, water flowing from wash rack onto ground through, what appeared to be a man-made trench. Oily water pooling on ground in two areas.

**DETAILS OF PAST RELEASES:** Release history unknown



UNIT NUMBER: 739-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle washing and maintenance

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

**DETAILS:** Run-on controls

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No release history, but suspected

**DETAILS OF PAST RELEASES:** Suspected visual evidence of a release



UNIT NUMBER: SFC221-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC:	

PARTICULARS: NiCd, Hg, Li, and Mg batteries, citric acid, soda ash, waste paint, paint thinner, electrolyte, used oil filters, decontamination solution 2

SOURCE OF WASTE: Common batteries, vehicle maintenance, batteries

DISPOSITION OF WASTE: EMD to DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: No controls

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: FC200-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, diesel

**SOURCE OF WASTE:** Vehicle cleaning and maintenance

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Known release history. Recently had a release caused by the pump truck while removing sludge and debris from unit.

**DETAILS OF PAST RELEASES:** Visual environmental media or permanent structure staining

**UNIT NUMBER:** FC120-HWA

**Roll 1 - Photo 33**

**UNIT NAME:** Land Support Battalion - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-19

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1985 to present

**DIMENSIONS/VOLUME:** 6 feet by 20 feet

**MATERIAL OF CONSTRUCTION:** None

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:** X

**ENVIRONMENTAL:**

**INDOORS:**                            **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:** X                        **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:**X  
**COVERED:**                            **RESIDENCES:**                            **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

**ACTIVE:** X    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC120-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE: X</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Waste diesel fuel, waste unleaded gasoline, waste cleaning solvent

**SOURCE OF WASTE:** Generators, equipment cleaning

**DISPOSITION OF WASTE:** DRMO Recycling Center

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** 1- to 2-foot sandbag berm

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: FC120-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water, debris

SOURCE OF WASTE: Vehicle wash racks

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



**UNIT NUMBER: SFC145-HWA**

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b>
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Oil filters, acid batteries**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**



**UNIT NUMBER: FC134-O/W**

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Oil, water, grease, debris**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: Sanitary sewer**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: Run-on control**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAIL OF PAST RELEASES: No release history**

**UNIT NUMBER:** FC134-HWA

**Roll 1 - Photo 37**

**UNIT NAME:** LSB - 2nd FSSG

**REFERENCE:** Lt. Carrol and MSgt. Toles/VSI - page A-20

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** May 1993 to present

**DIMENSIONS/VOLUME:** 10 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Clay brick walls and tarred roof

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:** X

**ENVIRONMENTAL:**

**INDOORS:**                            **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:** X                        **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:**X  
**COVERED:** X                            **RESIDENCES:**                            **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulate generated Mg and Li batteries.

**B. CLOSURE INFORMATION**

**ACTIVE:** X    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: FC134-HWA

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b>
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS: X</b>
<b>GASES:</b>	<b>REACTIVE: X</b>	<b>METALS: X</b>
<b>SLUDGES:</b>	<b>EP TOXIC: X</b>	

**PARTICULARS: Mg and Li batteries**

**SOURCE OF WASTE: Communication devices**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: Totally enclosed building**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**



UNIT NUMBER: FC270-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, grease, debris

SOURCE OF WASTE: Vehicle maintenance and cleaning

DISPOSITION OF WASTE: Sanitary sewer sludge debris to recycling center

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X		LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible

**UNIT NUMBER: SFC279-HWA**

**Roll 2 - Photo 2**

**UNIT NAME: 8th Motor Transport - 2nd FSSG**

**REFERENCE: Lt. Carrol and MSgt. Toles/VSI - page A-22**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1987 to present**

**DIMENSIONS/VOLUME: 10 feet by 40 feet**

**MATERIAL OF CONSTRUCTION: Masonry brick walls with metal sloping roof**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:  
                                 GRASS:                                   SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND:  
OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND: X  
COVERED: X                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: Hazardous waste accumulation**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: SFC279-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC: X	

**PARTICULARS:** Lead acid batteries, Decon Solution 2, oil filters, ammonia gel, electrolyte, Oil-contaminated dry sweep

**SOURCE OF WASTE:** Decontamination, vehicle maintenance, stripper

**DISPOSITION OF WASTE:** EMD/DRMO and recycling center (batteries)

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



**UNIT NUMBER: Release (FC270)**

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>	
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>	
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>	<b>SLUDGES: E</b>
<b>TOXIC:</b>			

**PARTICULARS: Potential oil stain/spill**

**SOURCE OF WASTE: Unknown**

**DISPOSITION OF WASTE: None**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: None**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: Noted a potential oil stain in front of unit SFC279**

**DETAILS OF PAST RELEASES: No release history**

UNIT NUMBER M119-O/W

Roll 6 - Photo 1

UNIT NAME: Marine Corps Support Services School Group

REFERENCE: MSgt. Smith/VSI - page A-23

**A. DESCRIPTION**

UNIT TYPE: Oil/water separator

PERIOD OF OPERATIONS: 1989 to present

DIMENSIONS/VOLUME: 5 feet by 5 feet by 4 feet

MATERIAL OF CONSTRUCTION: Concrete

UNDERLAIN BY:	CONCRETE: X	ASPHALT:	GRAVEL:
	GRASS:	SOIL: X	

**ENVIRONMENTAL:**

INDOORS:	CLOSE TO SURFACE WATER:	IN-GROUND: X
OUTDOORS: X	CLOSE TO DRINKING WATER:	ABOVE-GROUND:
COVERED: X (grate)	RESIDENCES:	BELOW-GROUND:

PURPOSE OF UNIT: Separate oil and water generated during vehicle washing

**B. CLOSURE INFORMATION**

ACTIVE: X	INACTIVE/PHYSICALLY PRESENT:
INACTIVE/REMOVED OR DISMANTLED:	CLOSED UNDER STATE OR EPA:
REGULATORY STATUS:	

OTHER: The initial oil/water separator overflows into another separator (the main one). Another oil separator is adjacent to and directed to the main unit. This latter separator is responsible for a POL area and any spills or releases that may occur from that area.

UNIT NUMBER: M119-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil/water and debris

**SOURCE OF WASTE:** Vehicle wash rack

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS: X</b>	<b>LEAK DETECTION:</b>	

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: SM93-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Waste paint, used oil filters

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X		LEAK DETECTION:

DETAILS:

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW: X
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Potential oil, petroleum product stain noted immediately outside the southeast corner of said unit

DETAILS OF PAST RELEASES: No release history



**UNIT NUMBER: M144-HWA-AST**

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE: X</b>	<b>ORGANICS:</b>
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS: X</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Acid batteries**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS: Drainage's direction from unit was unknown**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: Visual environmental media structure staining**

**DETAILS OF PAST RELEASES: Known release history**

**UNIT NUMBER: M90-HWA**

**Roll 6 - Photo 4**

**UNIT NAME: Marine Corps Support Services School Group**

**REFERENCE: VSI - page A-25**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1988 to present**

**DIMENSIONS/VOLUME: 20 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete walls and flooring**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:**  
**GRASS:                            SOIL: X**

**ENVIRONMENTAL:**

**INDOORS: X                    CLOSE TO SURFACE WATER:            IN-GROUND:**  
**OUTDOORS:                    CLOSE TO DRINKING WATER:            ABOVE-GROUND: X**  
**COVERED: X                    RESIDENCES:                            BELOW-GROUND:**

**PURPOSE OF UNIT: Hazardous waste accumulation**

**B. CLOSURE INFORMATION**

**ACTIVE: X    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: M90-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS: X</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Electrolyte

**SOURCE OF WASTE:** Vehicle batteries

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** None. Floor did appear coated.

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: SM187-O/W

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, and debris

**SOURCE OF WASTE:** Vehicle wash rack

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW: X</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual release condition noted

**DETAILS OF PAST RELEASES:** Release noted. Appears to have overflowed in past because there are definite trenches that lead toward river. Heavy rainfall also has caused overflow according to Camp Johnson personnel.

**UNIT NUMBER: 1805-HWA**

**Roll 6 - Photo 7**

**UNIT NAME: Combat Engineer Battalion**

**REFERENCE: VSI - page A-27**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1988 to present**

**DIMENSIONS/VOLUME: 10 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Wood beams and roof — open sides**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:**  
**GRASS:                            SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                    CLOSE TO SURFACE WATER:            IN-GROUND:**  
**OUTDOORS: X            CLOSE TO DRINKING WATER:            ABOVE-GROUND: X**  
**COVERED: X            RESIDENCES:                            BELOW-GROUND:**

**PURPOSE OF UNIT: Hazardous waste accumulation**

**B. CLOSURE INFORMATION**

**ACTIVE: X    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1805-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Oil filters, charcoal filters, soda ash, ethanol, CARC paint, decon solution 2, aluminum sulfate, M-256, M-258 kits, chlorine, electrolyte

**SOURCE OF WASTE:** Training, expired shelf life, vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

**DETAILS:** Tied into oil/water separator

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: 1859-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, grease, and debris

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



**UNIT NUMBER: 1895-HWA-1**

**C. WASTE MANAGED**

**SOLIDS: X**  
**LIQUIDS:**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE: X**  
**EP TOXIC: X**

**ORGANICS:**  
**INORGANICS: X**  
**METALS: X**

**PARTICULARS: Mg batteries**

**SOURCE OF WASTE: Communication devices**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

**LINER: DIKING: SUMPS: IND. SEWER:**  
**LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:**

**DETAILS:**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:**  
**PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**

UNIT NUMBER: 1895-HWA-2

Roll 6 - Photo 11

UNIT NAME: 2nd Combat Engineer Battalion

REFERENCE: VSI - page A-28

**A. DESCRIPTION**

UNIT TYPE: < 90-day HW accumulation area

PERIOD OF OPERATIONS: 1993 to present (6 months)

DIMENSIONS/VOLUME: 2 feet by 5 feet

MATERIAL OF CONSTRUCTION: Mason brick walls

UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:  
                                 GRASS:                            SOIL: X

**ENVIRONMENTAL:**

INDOORS: X                    CLOSE TO SURFACE WATER:            IN-GROUND:  
OUTDOORS:                    CLOSE TO DRINKING WATER:            ABOVE-GROUND: X  
COVERED: X                    RESIDENCES:                            BELOW-GROUND:

PURPOSE OF UNIT: Hazardous waste accumulation

**B. CLOSURE INFORMATION**

ACTIVE: X    INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:            CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:

OTHER:

**UNIT NUMBER: 1895-HWA-2**

**C. WASTE MANAGED**

<b>SOLIDS: X</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b>
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS: x</b>
<b>GASES:</b>	<b>REACTIVE: X</b>	<b>METALS: x</b>
<b>SLUDGES:</b>	<b>EP TOXIC: X</b>	

**PARTICULARS: Lithium batteries**

**SOURCE OF WASTE: Communication devices**

**DISPOSITION OF WASTE: EMD/DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history**

**UNIT NUMBER: 1041-HWA**

**Roll 6 - Photo 12**

**UNIT NAME: Brig Company**

**REFERENCE: Sgt. Reed/VSI - page A-29**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1990 to present**

**DIMENSIONS/VOLUME: 2 - 7 feet by 15 feet**

**MATERIAL OF CONSTRUCTION: None**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS: X</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Accumulation of hazardous waste**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1041-HWA

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Waste paint and thinner

SOURCE OF WASTE: Maintenance and construction

DISPOSITION OF WASTE: EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X (wood)	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Wood 4- by 4-inch berm around area. Area on bare ground

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR: X
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release. Paint cans are allowed to air dry open. May also be allowed to collect precipitation while open.

DETAIL OF PAST RELEASES: No release history, but possible

**UNIT NUMBER: 1203-O/W**

**Roll 2 - Photo 3**

**UNIT NAME: Base Maintenance**

**REFERENCE: Jim Waldrop/VSI - page A-30**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: ≤ 1985 to present**

**DIMENSIONS/VOLUME: 5 feet by 5 feet by 3 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X (grate)</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Separate oil from water following vehicle washing**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1203-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** EMD

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: 1105-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS: X</b>	<b>LEAK DETECTION:</b>	

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: 1102/1131-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Waste paint, waste Freon, waste kerosene

**SOURCE OF WASTE:** Construction, spray-paint booth, spray-gun cleaning, air compressors

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

**DETAILS:** Concrete diking

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history

**UNIT NUMBER: 1700-O/W-1**

**Roll 2 - Photo 6**

**UNIT NAME: Base Maintenance**

**REFERENCE: Jim Waldrop/VSI - page A-33**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: 1984 to present**

**DIMENSIONS/VOLUME: 15 feet by 25 feet by 12 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:  
                                 GRASS:                                   SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND: X  
OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND:  
COVERED:                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: Separate and collect oil from water generated during operations at the main steam building.**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:                                    CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1700-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil/water

**SOURCE OF WASTE:** Oil spills within main steam building

**DISPOSITION OF WASTE:** EMD, sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual environmental media or permanent structure staining. Tarry material appears to have been poured into unit on one or more occasions.

**DETAILS OF PAST RELEASES:** Known release history



UNIT NUMBER: 1700-O/W-2

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water

**SOURCE OF WASTE:** Steam

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW: X</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual release conditions noted

**DETAILS OF PAST RELEASES:** Twice known to have overflowed, according to J. Waldrop.



UNIT NUMBER: S1735-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water

**SOURCE OF WASTE:** Oil/steam tunnel

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW: X</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual release condition noted. Leaks from oil piping and overflowing of oil/water separator

**DETAILS OF PAST RELEASES:** Release noted. Twice it is known to have overflowed. Had on occasion poured tar into unit.



UNIT NUMBER: 738-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil

SOURCE OF WASTE: Vehicle oil leaks

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X	LEAK DETECTION:	

DETAILS: Run-on controls

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



UNIT NUMBER: 45-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE:	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Oil filters

SOURCE OF WASTE: Vehicles

DISPOSITION OF WASTE: EMD

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: SLCH785-BASIN

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b>	
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>	
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>	<b>SLUDGES:</b>
<b>TOXIC:</b>			<b>E</b>

**PARTICULARS: Unknown**

**SOURCE OF WASTE: Spill material**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: None**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: None noted, but possible**

**DETAILS OF PAST RELEASES: None**



UNIT NUMBER: S792-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS: Oil**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD and sanitary sewer**

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS: Run-on controls**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release**

**DETAILS OF PAST RELEASES: No release history, but possible**

**UNIT NUMBER:** 1403-HWA

**Roll 2 - Photo 15**

**UNIT NAME:** Training and Support Division

**REFERENCE:** Sgt. Wood/VSI - page A-37

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1992 to present

**DIMENSIONS/VOLUME:** 10 feet by 20 feet

**MATERIAL OF CONSTRUCTION:** None

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b> X	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b> X	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b> X
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b> X	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1403-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b> X
<b>LIQUIDS:</b> X	<b>FLAMMABLE:</b> X	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Waste paint, waste fuel, waste oil

**SOURCE OF WASTE:** Spray-paint operations

**DISPOSITION OF WASTE:** EMD DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b> X	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Diking is composed of sandbags

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: S1762-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

**PARTICULARS:** Waste paint, waste gasoline, lead-acid batteries, adhesives, oil filters

**SOURCE OF WASTE:** Vehicle maintenance, facility maintenance

**DISPOSITION OF WASTE:** EMD, DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

**DETAILS:**

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: TC773-O/W

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, debris

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on control

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: None noted

DETAILS OF PAST RELEASES: No release history, but possible

**UNIT NUMBER:** TC773-HWA

**Roll 2 - Photo 18**

**UNIT NAME:** School of Infantry

**REFERENCE:** MSgt. St. Hillaire/VSI - page A-39

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** > 1985 to present

**DIMENSIONS/VOLUME:** 10 feet by 25 feet

**MATERIAL OF CONSTRUCTION:** Internal masonry brick wall, no outside walls, wood frame and roof

**UNDERLAIN BY:**            **CONCRETE:** X                    **ASPHALT:** X                    **GRAVEL:**  
                                 **GRASS:**                                    **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                    **IN-GROUND:**  
**OUTDOORS:** X                                    **CLOSE TO DRINKING WATER:**                    **ABOVE-GROUND:** X  
**COVERED:** X                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** < 90-day hazardous waste accumulation

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: TC773-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>X</b>	<b>CORROSIVE:</b>		<b>ORGANICS:</b>	
<b>LIQUIDS:</b>		<b>FLAMMABLE:</b>		<b>INORGANICS:</b>	<b>X</b>
<b>GASES:</b>		<b>REACTIVE:</b>	<b>X</b>	<b>METALS:</b>	<b>X</b>
<b>SLUDGES:</b>		<b>EP TOXIC:</b>	<b>X</b>		

**PARTICULARS:** Mg batteries

**SOURCE OF WASTE:** Communication devices

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>		<b>DIKING:</b>	<b>X</b>	<b>SUMPS:</b>	<b>X</b>	<b>IND. SEWER:</b>	
<b>LEVEL CONTROLS:</b>		<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>			

**DETAILS:** Believe sump is discharged to oil/water separator

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>		<b>VSI NOTED RELEASE TO AIR:</b>	
<b>PAST RELEASE TO SOIL/GW:</b>		<b>VSI NOTED RELEASE TO SOIL/GW:</b>	
<b>PAST RELEASE TO SW:</b>		<b>VSI NOTED RELEASE TO SW:</b>	
<b>PAST RELEASE TO SSG:</b>		<b>VSI NOTED RELEASE TO SSG:</b>	

<b>VSI NOTED RELEASE CONDITIONS:</b>	<b>Visual environmental media or permanent structure staining, possibly oil</b>
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**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: TC777-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, and debris

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual environmental media or permanent structure staining

**DETAILS OF PAST RELEASES:** Known release history



UNIT NUMBER: G649-O/W

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, grease, debris

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on control

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual environmental media or permanent structure staining around wash rack area

DETAILS OF PAST RELEASES: Known release history

**UNIT NUMBER: G649-RACK**

**Roll 2 - Photos 22**

**UNIT NAME: Base Maintenance**

**REFERENCE: Jim Waldrop/VSI - page A-41**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 10 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Vehicle washing**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: G649-RACK

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, water, grease, debris

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: Ditch

D. RELEASE CONTROLS

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual environmental media or permanent structure staining around wash rack area

DETAILS OF PAST RELEASES: Known release history



UNIT NUMBER: AS137-BASIN

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, gasoline, fuel

**SOURCE OF WASTE:** Fueling station

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>X</b>	<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** None noted



UNIT NUMBER: M628-O/W

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: No. fuel oil

SOURCE OF WASTE: Steam plant

DISPOSITION OF WASTE: Unknown (Sanitary sewer)

D. RELEASE CONTROLS

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: None release history, but possible



UNIT NUMBER: RR62-HWA

C. WASTE MANAGED

SOLIDS:	X	CORROSIVE:		ORGANICS:	X
LIQUIDS:	X	FLAMMABLE:	X	INORGANICS:	X
GASES:		REACTIVE:	X	METALS:	X
SLUDGES:		EP TOXIC:	X		

PARTICULARS: Waste paint, communication batteries (NiCd, Li, Mg), lead

SOURCE OF WASTE: Facility maintenance, communication devices, bullets

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history

**UNIT NUMBER:** SRR80-O/W

**Roll 2 - Photo 27**

**UNIT NAME:** Rifle Range

**REFERENCE:** MSgt. Harmon/VSI - page A-45

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1986 to present

**DIMENSIONS/VOLUME:** 5 feet by 5 feet by 6 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X (grate)</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Separate oil and water generated from washing and maintaining lawn mowing and other vehicles and equipment.

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SRR80-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, debris

SOURCE OF WASTE: Vehicle washing and maintenance

DISPOSITION OF WASTE: Appears to discharge to drainage ditch

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: No controls

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Discharge point was not verified providing reason for review of unit and possible release to environmental media.

DETAILS OF PAST RELEASES: No release history.



UNIT NUMBER: RR15-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b> X
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, water, debris

**SOURCE OF WASTE:** Steam plant

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: RR15-O/W-2

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, water, debris

SOURCE OF WASTE: Steam plant

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X	LEAK DETECTION:	

DETAILS:

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but possible



UNIT NUMBER: M178-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Insecticide

**SOURCE OF WASTE:** Fabric treatment

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but possible



UNIT NUMBER: FC230-O/W-1

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water, debris

SOURCE OF WASTE: Vehicle and equipment washing

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Did appear to have overflow from initial grit chamber. Visual environmental media or permanent structure staining.

DETAILS OF PAST RELEASES: Possible release history



UNIT NUMBER: FC230-O/W-2

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water, debris

SOURCE OF WASTE: Vehicle and equipment washing

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Suspected visual evidence of a release

DETAILS OF PAST RELEASES: No release history, but suspected



UNIT NUMBER: SFC235-HWA

**C. WASTE MANAGED**

SOLIDS:		CORROSIVE:	X	ORGANICS:	X
LIQUIDS:	X	FLAMMABLE:	X	INORGANICS:	
GASES:		REACTIVE:		METALS:	
SLUDGES:		EP TOXIC:			

**PARTICULARS:** Waste diesel, electrolyte solution, waste fuel

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:		DIKING:	X	SUMPS:	X	IND. SEWER:	
LEVEL CONTROLS:		OVERFLOW CONTROLS:	X	LEAK DETECTION:			

**DETAILS:** Drains flow to sump connected to oil/water separator

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:		VSI NOTED RELEASE TO AIR:	
PAST RELEASE TO SOIL/GW:		VSI NOTED RELEASE TO SOIL/GW:	
PAST RELEASE TO SW:		VSI NOTED RELEASE TO SW:	
PAST RELEASE TO SSG:		VSI NOTED RELEASE TO SSG:	

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAIL OF PAST RELEASES:** No release history

**UNIT NUMBER: 1605-HWA-1**

**Roll 3 - Photo 4**

**UNIT NAME: 8th Communications Battalion (Alpha Co-Radio) - 2nd SRIG**

**REFERENCE: Sgt. Babb/VSI - page A-50**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1989 to present**

**DIMENSIONS/VOLUME: 10 feet by 20 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Steel walls, roof, and floor**

**UNDERLAIN BY:            CONCRETE:                    ASPHALT: X            GRAVEL:**  
**GRASS:    SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                    CLOSE TO SURFACE WATER:                    IN-GROUND:**  
**OUTDOORS: X                    CLOSE TO DRINKING WATER:                    ABOVE-GROUND: X**  
**COVERED: X                    RESIDENCES:    BELOW-GROUND:**

**PURPOSE OF UNIT: Accumulation of hazardous waste (Li, Hg, and Mg batteries)**

**B. CLOSURE INFORMATION**

**ACTIVE: X    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:                    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1605-HWA-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>X</b>	<b>CORROSIVE:</b>		<b>ORGANICS:</b>	
<b>LIQUIDS:</b>		<b>FLAMMABLE:</b>		<b>INORGANICS:</b>	<b>X</b>
<b>GASES:</b>		<b>REACTIVE:</b>	<b>X</b>	<b>METALS:</b>	<b>X</b>
<b>SLUDGES:</b>		<b>EP TOXIC:</b>	<b>X</b>		

**PARTICULARS:** Hg, Li, and Mg batteries

**SOURCE OF WASTE:** Communication devices

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Hg and Mg batteries kept on pallets outside building with tarp over them. Li batteries kept in building

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history

**UNIT NUMBER:** 1605-HWA-2

**Roll 3 - Photo 5**

**UNIT NAME:** 8th Communication Battalion (Mag Taf) - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-50

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 10 feet by 15 feet by 8 feet

**MATERIAL OF CONSTRUCTION:** Sloped wood roof, wood walls, material placed on pallets

**UNDERLAIN BY:**            **CONCRETE:**                            **ASPHALT:** X            **GRAVEL:**  
   **GRASS:**    **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**    **CLOSE TO SURFACE WATER:**    **IN-GROUND:**  
**OUTDOORS:** X    **CLOSE TO DRINKING WATER:**    **ABOVE-GROUND:** X  
**COVERED:** X    **RESIDENCES:**    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Waste Li battery storage

**B. CLOSURE INFORMATION**

**ACTIVE:** X    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1605-HWA-2

C. WASTE MANAGED

SOLIDS: X	CORROSIVE:	ORGANICS:
LIQUIDS:	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Li batteries

SOURCE OF WASTE: Communication devices

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Totally enclosed steel cube

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: S1619-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle washing and maintenance

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW: X</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual environmental media or permanent structure staining

**DETAIL OF PAST RELEASES:** Known release history. Water currently diverted into drainage ditch by man-made drainage.

**UNIT NUMBER:** 1604-HWA

**Roll 3 - Photo 7**

**UNIT NAME:** 8th Communications Battalion - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-50

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day accumulation area

**PERIOD OF OPERATIONS:** ≥ 1989 to present

**DIMENSIONS/VOLUME:** 4 feet by 8 feet

**MATERIAL OF CONSTRUCTION:** None (use wood pallets for flooring)

**UNDERLAIN BY:**            **CONCRETE:**                    **ASPHALT: X**            **GRAVEL:**  
   **GRASS:**                                    **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                    **IN-GROUND:**  
**OUTDOORS: X**                                    **CLOSE TO DRINKING WATER:**                    **ABOVE-GROUND:**  
**COVERED:**                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste (Li and Mg batteries)

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1604-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE:	ORGANICS:
LIQUIDS:	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Li and Mg batteries

SOURCE OF WASTE: Communication devices

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release history, but suspected

**UNIT NUMBER:** 1771-HWA

**Roll 3 - Photo 8**

**UNIT NAME:** Headquarter and Service Co. (II MEF) - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-51

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 2 months

**DIMENSIONS/VOLUME:** 25 feet by 50 feet

**MATERIAL OF CONSTRUCTION:** None

**UNDERLAIN BY:**            **CONCRETE:**                    **ASPHALT: X**            **GRAVEL:**  
   **GRASS:**                                    **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                    **IN-GROUND:**  
**OUTDOORS: X**                                    **CLOSE TO DRINKING WATER:**                    **ABOVE-GROUND: X**  
**COVERED:**                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1771-HWA

C. WASTE MANAGED

SOLIDS:	X	CORROSIVE:	X	ORGANICS:	X
LIQUIDS:	X	FLAMMABLE:	X	INORGANICS:	X
GASES:		REACTIVE:		METALS:	X
SLUDGES:		EP TOXIC:			

PARTICULARS: Waste diesel, oil filters, waste antifreeze, electrolyte, waste oil, waste paint

SOURCE OF WASTE: Vehicle and equipment maintenance

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:			LEAK DETECTION:

DETAILS: 2- to 3-foot sandbag berm surrounds unit

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Waste oil spill noted under waste oil AST. Visual environmental media or permanent structure staining

DETAILS OF PAST RELEASES: Known release history

**UNIT NUMBER:** SFC237-HWA

**Roll 3 - Photo 9**

**UNIT NAME:** 2nd Anglico - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-52

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1992 to present

**DIMENSIONS/VOLUME:** 10 feet by 40 feet

**MATERIAL OF CONSTRUCTION:** Masonry brick walls and metal sloped roof

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**                                   **IN-GROUND:**  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**                                   **ABOVE-GROUND:** X  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                                   **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: SFC237-HWA

**C. WASTE MANAGED**

SOLIDS:	X	CORROSIVE:	X	ORGANICS:	X
LIQUIDS:	X	FLAMMABLE:	X	INORGANICS:	X
GASES:		REACTIVE:	X	METALS:	X
SLUDGES:		EP TOXIC:	X		

**PARTICULARS:** Electrolyte, Li, NiCd, and Hg batteries, waste oil, waste diesel, lead acid batteries

**SOURCE OF WASTE:** Communication devices, vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING:	X	SUMPS:	X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	X	LEAK DETECTION:		

**DETAILS:** Drains in each bay to sump

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: FC251-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water

**SOURCE OF WASTE:** Vehicle wash rack and maintenance bays

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** None noted



UNIT NUMBER: 1747-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Gate valves, run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Suspected visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history, but suspected

**UNIT NUMBER:** 1747-O/W-2

**Roll 3 - Photo 12**

**UNIT NAME:** 2nd Unmanned Aerial Vehicle - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-53

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1991 to present

**DIMENSIONS/VOLUME:** 8 feet by 16 feet by 8 feet

**MATERIAL OF CONSTRUCTION:** concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X (grate)</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Separate oil, grease, and water produced during vehicle cleaning

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1747-O/W-2

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oils, grease, water

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAIL OF PAST RELEASES:** None noted



UNIT NUMBER: FC365-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>X</b>	<b>CORROSIVE:</b>		<b>ORGANICS:</b>	
<b>LIQUIDS:</b>		<b>FLAMMABLE:</b>		<b>INORGANICS:</b>	<b>X</b>
<b>GASES:</b>		<b>REACTIVE:</b>	<b>X</b>	<b>METALS:</b>	<b>X</b>
<b>SLUDGES:</b>		<b>EP TOXIC:</b>	<b>X</b>		

**PARTICULARS:** Li, Mg, Hg, NiCd batteries

**SOURCE OF WASTE:** Communication devices

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Totally enclosed

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No visual evidence of a release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: SFC244-O/W

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: None noted



UNIT NUMBER: SFC236-HWA

**C. WASTE MANAGED**

<b>SOLIDS:</b>		<b>CORROSIVE:</b>		<b>ORGANICS:</b>	<b>X</b>
<b>LIQUIDS:</b>	<b>X</b>	<b>FLAMMABLE:</b>	<b>X</b>	<b>INORGANICS:</b>	
<b>GASES:</b>		<b>REACTIVE:</b>		<b>METALS:</b>	
<b>SLUDGES:</b>		<b>EP TOXIC:</b>			

**PARTICULARS:** Waste fuels (diesel), waste oils, waste antifreeze

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>		<b>DIKING:</b>	<b>X</b>	<b>SUMPS:</b>	<b>X</b>	<b>IND. SEWER:</b>	
<b>LEVEL CONTROLS:</b>		<b>OVERFLOW CONTROLS:</b>	<b>X</b>	<b>LEAK DETECTION:</b>			

**DETAILS:** Sump is combined with SFC 235 hazardous waste unit

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>		<b>VSI NOTED RELEASE TO AIR:</b>	
<b>PAST RELEASE TO SOIL/GW:</b>		<b>VSI NOTED RELEASE TO SOIL/GW:</b>	
<b>PAST RELEASE TO SW:</b>		<b>VSI NOTED RELEASE TO SW:</b>	
<b>PAST RELEASE TO SSG:</b>		<b>VSI NOTED RELEASE TO SSG:</b>	

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: FC241-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used oil

SOURCE OF WASTE: Vehicle and equipment maintenance

DISPOSITION OF WASTE: Recycling center

D. RELEASE CONTROLS

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: None noted

DETAILS OF PAST RELEASES: None



UNIT NUMBER 1746-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Li, Hg batteries, waste diesel

SOURCE OF WASTE: Communication devices, generators

DISPOSITION OF WASTE: EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

DETAILS: Releases and or spills discharge to drains and sump. Sump is controlled by gate valve that opens sump contacts to O/W separator.

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No



UNIT NUMBER: 1827-HWA-1

**C. WASTE MANAGED**

SOLIDS: X

LIQUIDS:

GASES:

SLUDGES:

CORROSIVE:

FLAMMABLE:

REACTIVE: X

EP TOXIC: X

ORGANICS:

INORGANICS: X

METALS: X

PARTICULARS: NiCd, Hg, Li, and Mg batteries

SOURCE OF WASTE: Communication devices

DISPOSITION OF WASTE: EMD/DRMO

**D. RELEASE CONTROLS**

LINER:

LEVEL CONTROLS:

DIKING:

OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:

LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:

PAST RELEASE TO SOIL/GW:

PAST RELEASE TO SW:

PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:

VSI NOTED RELEASE TO SOIL/GW:

VSI NOTED RELEASE TO SW:

VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release

**UNIT NUMBER:** 1827-HWA-2

**Roll 3 - Photo 18**

**UNIT NAME:** Intel Company - 2nd SRIG

**REFERENCE:** Sgt. Babb/VSI - page A-56

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 4 feet by 4 feet

**MATERIAL OF CONSTRUCTION:** Metal roof and walls (located inside bay No. 5 of 1827)

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:** X                    **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:**                    **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:** X  
**COVERED:** X                    **RESIDENCES:**                            **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1827-HWA-2

**C. WASTE MANAGED**

<b>SOLIDS:</b> X	<b>CORROSIVE:</b>	<b>ORGANICS:</b> X
<b>LIQUIDS:</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Charcoal Filters (NBC)

**SOURCE OF WASTE:** Training exercises

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** No release

**UNIT NUMBER: SM632-O/W**

**Roll 3 - Photo 19**

**UNIT NAME: Base Maintenance**

**REFERENCE: Jim Waldrop/VSI - page A-57**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 5 feet by 12 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X (grate)</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Separate oil and water from steam generating**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SM632-O/W

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, water, grease, and debris

SOURCE OF WASTE: Steam plant

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: None noted

**UNIT NUMBER:** M107-O/W-1

**Roll 3 - Photo 20**

**UNIT NAME:** Motor Transport School Company

**REFERENCE:** Unknown/VSI - page A-58

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 3 feet by 5 feet by 6 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Separate oil and water from equipment maintenance

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: M107-O/W-1

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

AN  
PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Equipment maintenance

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release

**UNIT NUMBER:** M107-O/W-2

**Roll 3 - Photo 21**

**UNIT NAME:** Motor Transport School Company

**REFERENCE:** Unknown/VSI - page A-58

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 4 feet by 8 feet by ? feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel cover over top

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**            **IN-GROUND:** X  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:**  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Separate oil and water for equipment maintenance

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: M107-O/W-2

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Equipment maintenance operations

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release



UNIT NUMBER: SM269-BASIN

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: Drainage ditch

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on control and gate valve

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual release conditions noted, stain on grass around unit. Also, unit's interior walls are petroleum stained

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: M200-AST

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used Oil

SOURCE OF WASTE: Vehicle and equipment maintenance

DISPOSITION OF WASTE: Recycling center

**D. RELEASE CONTROLS**

LINER: DIKING: X SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Concrete bermed area surrounding tank

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: None noted

DETAILS OF PAST RELEASES: None



UNIT NUMBER: 1860-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle-washing operations

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release conditions

**DETAILS OF PAST RELEASES:** No release



UNIT NUMBER: S1892-HWA

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS: X
GASES:	REACTIVE: X	METALS: X
SLUDGES:	EP TOXIC: X	

PARTICULARS: Li and Mg batteries, electrolyte (acid batteries), oil filters

SOURCE OF WASTE: Communication devices, vehicle maintenance

DISPOSITION OF WASTE: EMD/DRMO

**D. RELEASE CONTROLS**

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

DETAILS: Drains within each bay of unit directed to sump

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release. Appeared to be oil/petroleum spill at one time in front of unit. Also, generator had been leaking at one time based on an area of dried oil 4 feet in diameter.

**UNIT NUMBER:** 1780-HWA

**Roll 3 - Phone 25**

**UNIT NAME:** Truck Company Maintenance, Headquarters Battalion - 2nd Marine Div.

**REFERENCE:** Lt. Chiapello/VSI - page A-61

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1989 to present

**DIMENSIONS/VOLUME:** 10 feet by 20 feet

**MATERIAL OF CONSTRUCTION:** Masonry brick walls with wood sloping roof

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**            **IN-GROUND:**  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:** X  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Accumulation of hazardous waste

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1780-HWA

C. WASTE MANAGED

SOLIDS: X	CORROSIVE: X	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X	INORGANICS: X
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Electrolyte, waste paint, oil filters, waste diesel

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS: X	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:	

DETAILS: Small corner sump is closed during normal operation. If opened, drainage flows through a 25-foot pipe to a drainage ditch

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release, but suspected

DETAILS OF PAST RELEASES: No release noted, but area may require further investigation



UNIT NUMBER: 1780-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oils, grease, water, and debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual environmental media or permanent structure staining around wash area.

**DETAILS OF PAST RELEASES:** Known release history



UNIT NUMBER: 1780-O/W-2

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water, debris

SOURCE OF WASTE: Unknown

DISPOSITION OF WASTE: Unknown

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual release conditions noted. The equipment separates oil from water, directing the oil to a 550-gallon UST. The O/W separator appeared full, possibly because the UST was full.

DETAILS OF PAST RELEASES: Release history noted.

**UNIT NUMBER:** 1780-UST-1

**Roll 3 - Photo 27**

**UNIT NAME:** Truck Company, Maintenance, HQ Battalion - 2nd Marine Div.

**REFERENCE:** Lt. Chiapello/VSI - page A-61

**A. DESCRIPTION**

**UNIT TYPE:** Used oil UST

**PERIOD OF OPERATIONS:** 1970 to present

**DIMENSIONS/VOLUME:** 550 gallons

**MATERIAL OF CONSTRUCTION:** Steel

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT:** Contain oil and grease from vehicle maintenance activities separated in adjacent O/W separator

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1780-UST-1

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X	
LIQUIDS: X	FLAMMABLE:	INORGANICS:	
GASES:	REACTIVE:	METALS:	SLUDGES: E
TOXIC:			

PARTICULARS: Oil, grease, water

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:	DIKING:	SUMPS:	IND. SEWER:	L E V E L
CONTROLS:	OVERFLOW CONTROLS:	LEAK DETECTION:		

DETAILS: Connected oil/water separator. Used to hold oil separated in O/W separator until removal by DRMO

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Noted no release from tank

DETAILS OF PAST RELEASES: None noted, but requires further investigation and testing



UNIT NUMBER: 1780-AST

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, water

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: DRMO

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Connected oil/water separator. Used to hold oil separated in O/W separator until removal by DRMO

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Noted no release from tank

DETAILS OF PAST RELEASES: None noted, but requires further investigation and testing



UNIT NUMBER: 1780-O/W-3

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water

**SOURCE OF WASTE:** Maintenance bays

**DISPOSITION OF WASTE:** Unknown

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Run-on

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW: X</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Visual release condition noted

<b>DETAILS OF PAST RELEASES:</b>	<b>Release noted. Unit is releasing to surface water in nearby creek. Petroleum sheen noted on surface water.</b>
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**UNIT NUMBER:** 1780-UST

**Roll 3 - Photo 28**

**UNIT NAME:** Truck Company, Maintenance, HQ Battalion - 2nd Marine Division

**REFERENCE:** Lt. Chiapello/VSI - page A-61

**A. DESCRIPTION**

**UNIT TYPE:** Used oil UST

**PERIOD OF OPERATIONS:** 1970 to present

**DIMENSIONS/VOLUME:** 550 gallons

**MATERIAL OF CONSTRUCTION:** Steel

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:** X            **IN-GROUND:** X  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**            **ABOVE-GROUND:**  
**COVERED:** X                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:**

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1780-UST

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water

**SOURCE OF WASTE:** Vehicle maintenance

**DISPOSITION OF WASTE:** DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Connected to oil/water separator. Used to hold oil separated in O/W separator until removal by DRMO.

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No evidence that UST is leaking

**DETAILS OF PAST RELEASES:** None noted or verified. This unit should be tested to determine its current condition



UNIT NUMBER: S1753-O/W-AST

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water

SOURCE OF WASTE: Vehicle and equipment wash rack

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release history

DETAILS OF PAST RELEASES: None noted

**UNIT NUMBER:** S1745-O/W

**Roll 4 - Photo 2**

**UNIT NAME:** Truck Company Operations, HQ Battalion - 2nd Marine Division

**REFERENCE:** Lt. Chiapello/VSI - page A-63

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 5 feet by 10 feet by 8 feet

**MATERIAL OF CONSTRUCTION:** Concrete

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                                   **SOIL:** X

**ENVIRONMENTAL:**

**INDOORS:**                                   **CLOSE TO SURFACE WATER:**                                   **IN-GROUND:** X  
**OUTDOORS:** X                                   **CLOSE TO DRINKING WATER:**                                   **ABOVE-GROUND:**  
**COVERED:** X (grate)                                   **RESIDENCES:**                                   **BELOW-GROUND:**

**PURPOSE OF UNIT:** Separate oil, grease, and water from vehicle and equipment cleaning

**B. CLOSURE INFORMATION**

**ACTIVE:** X                                   **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                                   **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: S1745-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** Noted spot paint on grate of oil/water separator.  
Could not determine if paint was poured into unit or if painting was done on grate.

**DETAILS OF PAST RELEASES:** Visual environmental media or permanent structure staining



UNIT NUMBER: 728-AST

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used oil

SOURCE OF WASTE: Boat motors

DISPOSITION OF WASTE: DRMO

**D. RELEASE CONTROLS**

LINER: DIKING: X SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Secondary containment

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release



UNIT NUMBER: 1601-AST

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Used motor oil

**SOURCE OF WASTE:** Military vehicles

**DISPOSITION OF WASTE:** DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Concrete diking

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** None noted, but suspected



UNIT NUMBER: 1601-O/W

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle wash/maintenance rack

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAIL OF PAST RELEASES:** None noted, but possible

**UNIT NUMBER:** 1700-A Pond

**Roll 4 - Photo 6**

**UNIT NAME:** Base Maintenance

**REFERENCE:** Jim Waldrop/VSI - page A-67

**A. DESCRIPTION**

**UNIT TYPE:** Coal Water Settling Pond

**PERIOD OF OPERATIONS:** 1985 to present

**DIMENSIONS/VOLUME:** 80 feet by 40 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Collect coal water run-off from main coal pile

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1700-POND-A

**C. WASTE MANAGED**

SOLIDS: X	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Coal, water

SOURCE OF WASTE: Steam plant

DISPOSITION OF WASTE: EMD, sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS: X		LEAK DETECTION:

DETAILS:

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release history

**UNIT NUMBER: 1700-B**

**Roll 4 - Photo 7**

**UNIT NAME: Base Maintenance**

**REFERENCE: Jim Waldrop/VSI - page A-67**

**A. DESCRIPTION**

**UNIT TYPE: Spill containment basin**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 300 feet by 300 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

**UNDERLAIN BY:                      CONCRETE: X                      ASPHALT:                      GRAVEL:  
   GRASS:    SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:                                      CLOSE TO SURFACE WATER:                                      IN-GROUND: X  
OUTDOORS: X                                      CLOSE TO DRINKING WATER:                                      ABOVE-GROUND:  
COVERED:                                      RESIDENCES:                                      BELOW-GROUND:**

**PURPOSE OF UNIT: Contain coal spill run-off from coal pile**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                      INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:                                      CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: 1700-BASIN-B

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b> X
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Coal dust

**SOURCE OF WASTE:** Coal pile

**DISPOSITION OF WASTE:** Unknown

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Unknown — spill material is discharged to containment pond

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** None noted, but suspected

**UNIT NUMBER: FC19-RACK**

**Roll 4 - Photo 8**

**UNIT NAME: H&S Battalion - 2nd FSSG**

**REFERENCE: Lt. Carrol and MSgt. Toles/VSI - page A-68**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 30 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

**UNDERLAIN BY:**

**CONCRETE:  
GRASS:**

**ASPHALT:  
SOIL: X**

**GRAVEL:**

**ENVIRONMENTAL:**

**INDOORS:**

**OUTDOORS: X**

**COVERED:**

**CLOSE TO SURFACE WATER:**

**CLOSE TO DRINKING WATER:**

**RESIDENCES:**

**IN-GROUND:**

**ABOVE-GROUND: X**

**BELOW-GROUND:**

**PURPOSE OF UNIT: Vehicle and equipment washing**

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/REMOVED OR DISMANTLED:  
REGULATORY STATUS:**

**INACTIVE/PHYSICALLY PRESENT:**

**CLOSED UNDER STATE OR EPA:**

**OTHER:**

UNIT NUMBER: FC19-RACK

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water, debris

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on/off ccontrol

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: None noted, but possible

**UNIT NUMBER: S1836-HWA**

**Roll 4 - Photo 9**

**UNIT NAME: 6th Marines Reg., Motor Transport - 2d Marine Division**

**REFERENCE: VSI - page A-69**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 10 feet by 40 feet**

**MATERIAL OF CONSTRUCTION: Masonry brick walls and metal sloping roof**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Accumulation of hazardous waste**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: S1836-HWA

**C. WASTE MANAGED**

SOLIDS:	X	CORROSIVE:	X	ORGANICS:	X
LIQUIDS:	X	FLAMMABLE:	X	INORGANICS:	X
GASES:		REACTIVE:	X	METALS:	X
SLUDGES:		EP TOXIC:	X		

**PARTICULARS:** Electrolytes, waste paints, used oil filters, Li batteries, waste oils

**SOURCE OF WASTE:** Vehicle and equipment maintenance

**DISPOSITION OF WASTE:** EMD/DRMO

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING: X</b>	<b>SUMPS: X</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>		<b>LEAK DETECTION:</b>

**DETAILS:**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** No release history



UNIT NUMBER: 1829-O/W-1

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS:</b> X
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Vehicle washing

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** None

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAILS OF PAST RELEASES:** None noted, but suspected



UNIT NUMBER: 1829-O/W-2

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: None

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: None noted, but suspected

**UNIT NUMBER:** P804-O/W-1

**Roll 4 - Photo 12**

**UNIT NAME:** Unknown

**REFERENCE:** Unknown/VSI - page A-70

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** New (never used)

**DIMENSIONS/VOLUME:** 6 feet by 12 feet by 18 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Unknown

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:** New

UNIT NUMBER: P804-O/W-1

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease

SOURCE OF WASTE: Unknown

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: P804-O/W-2

**C. WASTE MANAGED**

<b>SOLIDS:</b>	<b>CORROSIVE:</b>	<b>ORGANICS: X</b>
<b>LIQUIDS: X</b>	<b>FLAMMABLE:</b>	<b>INORGANICS:</b>
<b>GASES:</b>	<b>REACTIVE:</b>	<b>METALS:</b>
<b>SLUDGES:</b>	<b>EP TOXIC:</b>	

**PARTICULARS:** Oil, grease, water, and debris

**SOURCE OF WASTE:** Unknown

**DISPOSITION OF WASTE:** Sanitary sewer

**D. RELEASE CONTROLS**

<b>LINER:</b>	<b>DIKING:</b>	<b>SUMPS:</b>	<b>IND. SEWER:</b>
<b>LEVEL CONTROLS:</b>	<b>OVERFLOW CONTROLS:</b>	<b>LEAK DETECTION:</b>	

**DETAILS:** Run-on control

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW:</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS:** No release

**DETAIL OF PAST RELEASES:** No release history

**UNIT NUMBER:** FC285-O/W

**Roll 4 - Photo 14**

**UNIT NAME:** Unknown

**REFERENCE:** Unknown/VSI - page A-71

**A. DESCRIPTION**

**UNIT TYPE:** Oil/Water Separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 3 feet by 4 feet by 10 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Unknown

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: FC285-O/W

**C. WASTE MANAGED**

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE:	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Oil, grease, water, and debris

SOURCE OF WASTE: Unknown (vehicle maintenance and cleaning may be potential source)

DISPOSITION OF WASTE: Sanitary sewer

**D. RELEASE CONTROLS**

LINER:	DIKING:	SUMPS:	IND. SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Run-on control

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: None noted



UNIT NUMBER: SFC284-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Unknown

SOURCE OF WASTE: Unknown

DISPOSITION OF WASTE: EMD/DRMO

D. RELEASE CONTROLS

LINER: DIKING: X SUMPS: X IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS:

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No release

DETAILS OF PAST RELEASES: No release history



UNIT NUMBER: AS4151-BASIN

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil (No. 6 fuel oil)

SOURCE OF WASTE: Steam plant

DISPOSITION OF WASTE: Sanitary sewer

D. RELEASE CONTROLS

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual environmental media or permanent structure staining

DETAIL OF PAST RELEASES: No release history

**UNIT NUMBER: S1854-O/W-1**

**Roll 5 - Photo 2**

**UNIT NAME: Maintenance, 2nd Tank BN, 2nd Marine Division**

**REFERENCE: SSgt. Ford-Asst. HMDO, Building 1854/VSI - page B-1**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator and wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 20 feet by 12 feet by unknown depth**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Separates oil and water**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: S1854-O/W-1**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Tank wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, some release of POL from adjacent POL storage**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** S1854-O/W-2

**Roll 5 - Photo 3**

**UNIT NAME:** Maintenance, 2nd Tank BN, 2nd Marine Division

**REFERENCE:** Ssgt. Ford-Asst. HMDO, Building 1854/VSI page B-1

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator and wash rack

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 20 feet by 6 feet by unknown depth

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Separates oil and water

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: S1854-O/W-2

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Tank wash rack

DISPOSITION OF WASTE: EMD recycling center

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release, some POL release from adjacent storage

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: 1854-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Sodium silicate solution, grease, and diesel. Lead-acid batteries and antifreeze are stored next to this area.**

**SOURCE OF WASTE: Tank maintenance and hazardous material spills**

**DISPOSITION OF WASTE: EMD HW center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Central sump collects spills or leaks**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: S1854-UST-2**

**No Photo**

**UNIT NAME: Maintenance, 2nd Tank BN, 2nd Marines Division**

**REFERENCE: SSgt. Ford-Asst. HMDO/VSI - page B-3**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 2,000 gallons**

**MATERIAL OF CONSTRUCTION: Assumed steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

UNIT NUMBER: S1854-UST-2

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil

SOURCE OF WASTE: Tank maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS: X

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Bubbler

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No known history of a release

**UNIT NUMBER: S1854-UST-1**

**No Photo**

**UNIT NAME: Maintenance, 2nd Tank BN, 2nd Marines Division**

**REFERENCE: Ssgt. Ford-Asst. HMDO/VSI - page B-3**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 1,000 gallons**

**MATERIAL OF CONSTRUCTION: Assumed steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

UNIT NUMBER: S1854-UST-1

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil

SOURCE OF WASTE: Tank maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS: X

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Bubbler

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No known history of a release



UNIT NUMBER: 1205-AST

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: x**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X sandbags**  
**OVERFLOW CONTROLS:**

**SUMPS: IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Sandbags**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW: X**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release, oil on asphalt beneath the tank**

**DETAILS OF PAST RELEASES:**

**At Buildings 1205 and 1206, 55 gallons of 30-weight motor oil was released and cleaned up using absorbent**



UNIT NUMBER: 1205-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS: X

PARTICULARS: Lead-acid batteries, waste fuel, absorbent, grease, scrap metal, paint, and antifreeze

SOURCE OF WASTE: Maintenance

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER: DIKING: X SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: Sandbags

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release of HW

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: H36-Rack**

**No Photo**

**UNIT NAME: Maintenance, HQSV CO. Engr., 2nd MEF**

**REFERENCE: SSgt. Eden/VSI - page B-5**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Since June 1993**

**DIMENSIONS/VOLUME: 10 feet by 20 feet**

**MATERIAL OF CONSTRUCTION: Asphalt**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (250 yds)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Washing military vehicles and decontamination units**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: H36-Rack

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Decontamination equipment maintenance

DISPOSITION OF WASTE: To receiving ditch

D. RELEASE CONTROLS

LINER: DIKING: SUMPS: IND. SEWER:  
LEVEL CONTROLS: OVERFLOW CONTROLS: LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR: VSI NOTED RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW: VSI NOTED RELEASE TO SOIL/GW:  
PAST RELEASE TO SW: VSI NOTED RELEASE TO SW:  
PAST RELEASE TO SSG: VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: H36-HWA**

**Roll 5 - Photo 5**

**UNIT NAME: Maintenance, HQSV CO. Engr., 2nd MEF**

**REFERENCE: SSGT. Eden/VSI - page B-5**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day hazardous waste accumulation area**

**PERIOD OF OPERATIONS: Unknown, but was bermed in June 1993**

**DIMENSIONS/VOLUME: 5 feet by 12 feet**

**MATERIAL OF CONSTRUCTION: Sandbags and fuel pods as containment.**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT: X</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (250 yds)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: H36-HWA

C. WASTE MANAGED

SOLIDS:	CORROSIVE:	ORGANICS: X
LIQUIDS: X	FLAMMABLE: X (diesel)	INORGANICS:
GASES:	REACTIVE:	METALS:
SLUDGES:	EP TOXIC:	

PARTICULARS: Diesel, waste oil, and oil filters

SOURCE OF WASTE: Decontamination equipment maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:	DIKING: X	SUMPS:	IND.SEWER:
LEVEL CONTROLS:	OVERFLOW CONTROLS:		LEAK DETECTION:

DETAILS: Sandbags

E. RELEASE HISTORY

PAST RELEASE TO AIR:	VSI NOTED RELEASE TO AIR:
PAST RELEASE TO SOIL/GW:	VSI NOTED RELEASE TO SOIL/GW:
PAST RELEASE TO SW:	VSI NOTED RELEASE TO SW:
PAST RELEASE TO SSG:	VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: H36-AST

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE: X (diesel)**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Diesel and waste oil**

**SOURCE OF WASTE: Decontamination equipment maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X Sand bags**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Sandbags**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: BB51-O/W**

**Roll 5 - Photo 6**

**UNIT NAME: Maintenance Plant, MC Engineers School, MCB**

**REFERENCE: GSgt. Snow/VSI - page B-6**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: June 1992**

**DIMENSIONS/VOLUME: 20 feet by 8 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: BB51-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, laundry soap, grit, and water

SOURCE OF WASTE: Heavy-equipment maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release, oil in second chamber and it has emulsion scum, first sump is filled with sand and has a dead animal

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: BB150-O/W**

**Roll 5 - Photo 7**

**UNIT NAME: Maintenance Plant, MC Engineers School, MCB**

**REFERENCE: GSgt. Snow/VSI - page B-7**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator and grit chamber**

**PERIOD OF OPERATIONS: June 1993**

**DIMENSIONS/VOLUME: About 6 feet by 3 feet by 3 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Separates oil and water, collects grit**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: BB150-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Heavy equipment maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: BB51-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Used lead acid

SOURCE OF WASTE: Lead-acid batteries

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Visual inspection

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No know history of release



UNIT NUMBER: BB51-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil, fuel, and antifreeze

SOURCE OF WASTE: Heavy-equipment maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: 1-inch valve drains to surface soil

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: Unknown, UST has been removed



UNIT NUMBER: BB52-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil and water

SOURCE OF WASTE: Outboard motor repair

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: SBB135-HWA**

**Roll 5 - Photo 11**

**UNIT NAME: MC Engineers School, MCB**

**REFERENCE: GSgt. Snow/VSI - page B-11**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day hazardous waste accumulation area**

**PERIOD OF OPERATIONS: Built in April or May 1993 (operational for 2 months)**

**DIMENSIONS/VOLUME: 40 feet by 15 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete, concrete block walls, and tin roof**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SBB135-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC: X

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Soil, absorbent, used oil filters, sodium phosphate, and lead acid

SOURCE OF WASTE: Heavy-equipment maintenance

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS: X  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Connects to sump

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: SBB169-O/W**

**Roll 5 - Photo 12**

**UNIT NAME: MC Engineers School, MCB**

**REFERENCE: GSgt. Snow/VSI - page B-12**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator and wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Grit chamber 6 feet by 6 feet by 4 feet, oil/water separator 12 feet by 6 feet by 8 to 10 feet**

**MATERIAL OF CONSTRUCTION: Concrete with concrete top and manhole**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SBB169-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** SBB169-AST

**Roll 5 - Photo 13**

**UNIT NAME:** MC Engineers School, MCB

**REFERENCE:** GSgt. Snow/VSI - page B-12

**A. DESCRIPTION**

**UNIT TYPE:** Used oil AST

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 1,000 gallons

**MATERIAL OF CONSTRUCTION:** Steel tank in concrete berm

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                            **CLOSE TO SURFACE WATER:**                            **IN-GROUND:**  
**OUTDOORS:** X                            **CLOSE TO DRINKING WATER:**                            **ABOVE-GROUND:** X  
**COVERED:**                            **RESIDENCES:**                            **BELOW-GROUND:** X

**PURPOSE OF UNIT:** Used oil collection

**B. CLOSURE INFORMATION**

**ACTIVE:** X                            **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: SBB169-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil and grease**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Visual**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: SBB241-O/W**

**Roll 5 - Photo 14**

**UNIT NAME: MC Engineers School, MCB**

**REFERENCE: SSgt. Kluge and GSgt. Snow/VSI - page B-13**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Built in April or May 1993**

**DIMENSIONS/VOLUME: 15 feet by 6 feet by unknown depth**

**MATERIAL OF CONSTRUCTION: Concrete with steel safety rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (1,500')</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SBB241-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, fuel, grease, grit, and water

SOURCE OF WASTE: Generator maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to ditch

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No evidence of release, but separator was full of paint.

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: BB293-O/W**

**Roll 5 - Photo 15**

**UNIT NAME: MC Engineers School, MCB**

**REFERENCE: Ind. WW plans/GSgt. Snow/VSI - page B-14**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, very old**

**DIMENSIONS/VOLUME: About 10 feet by 4 feet**

**MATERIAL OF CONSTRUCTION: Concrete and concrete cover**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: BB293-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Fuel and water

SOURCE OF WASTE: Generator maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharge unknown

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** HP100-O/W

**Roll 5 - Photo 16**

**UNIT NAME:** Motor T, 8th Marine Regiment, 2nd Marine Division

**REFERENCE:** SSgt. Jones/VSI - page B-15

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1986, wash rack built a year later

**DIMENSIONS/VOLUME:** About 18 feet by 10 feet by unknown depth

**MATERIAL OF CONSTRUCTION:** Concrete with concrete baffle

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: HP100-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharge to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: HP100-UST**

**Roll 5 - Photo 19**

**UNIT NAME: Motor T, 8th Marine Regiment, 2nd Marine Division**

**REFERENCE: SSgt. Jones/VSI - page B-15**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: 1986**

**DIMENSIONS/VOLUME: Assumed 550 gallons**

**MATERIAL OF CONSTRUCTION: Assume steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Used motor oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

**UNIT NUMBER: HP100-UST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil and fuel**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS: X**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Bubbler**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: HP100-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE: X (diesel)  
REACTIVE: X  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Acid, lead-acid, STB, oil filters, aerosol cans, and diesel**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD HW center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sump**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, drummed contaminated soil and lead-acid batteries are kept outside of HWA**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER HP104-HWA

C. WASTE MANAGED

SOLIDS: x  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Magnesium, chromium, lithium, and cadmium batteries

SOURCE OF WASTE: Communications equipment maintenance

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Inside building

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** 1450-HWA

**Roll 5 - Photo 21**

**UNIT NAME:** 5th B, 10th Marine Regiment, 2nd Marine Division

**REFERENCE:** Lt. Malone/VSI - page B-18

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day hazardous waste accumulation area

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** About 24 feet by 12 feet

**MATERIAL OF CONSTRUCTION:** Concrete floor, concrete block wall, wood post, and wood roof

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (1,500)'</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Hazardous waste storage

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1450-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Waste fuel, oil, antifreeze, grease, absorbent, DS2, and waste paint**

**SOURCE OF WASTE: Artillery maintenance**

**DISPOSITION OF WASTE: EMD HW center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Drains to sump**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR: Yes  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual release of oil in berm of HWA**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** 1450-O/W-1

**Roll 5 - Photo 22**

**UNIT NAME:** 5th BN, 10th Marine Regiment, 2nd Marine Division

**REFERENCE:** Ind. WW plans/Lt. Malone/VSI - page B-19

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Unknown

**MATERIAL OF CONSTRUCTION:** Unknown

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT:** Oil and water separator

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:** A concrete grease rack covers the site. Unit's existence unknown.

UNIT NUMBER: 1450-O/W-1

C. WASTE MANAGED

SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Unknown

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: Unknown

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Unknown

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Unknown

DETAILS OF PAST RELEASES: No known release history



**UNIT NUMBER: 1450-O/W-2**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to ditch, outfall 034**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release at oil/water separator; outfall 034 is visually stained**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: 034-Ditch**

**Roll 5 - Photo 24**

**UNIT NAME: 5th BN, 10th Marine Regiment, 2nd Marine Division**

**REFERENCE: Stormwater discharge study/VSI - page B-21**

**A. DESCRIPTION**

**UNIT TYPE: Outfall to ditch**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Ditch and scour hole**

**MATERIAL OF CONSTRUCTION: Earth**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Stormwater**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 034-Ditch**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES: X**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Parking lot run-off and effluent from an oil/water separator**

**DISPOSITION OF WASTE: To surrounding soil**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**                      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Oil absorbent boom**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW: X**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Soil is visibly oily**

**DETAILS OF PAST RELEASES: Release's history unknown; it is evident that oil boom is used**



**UNIT NUMBER: BB224-Pile**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Grease and contaminated soil**

**SOURCE OF WASTE: Unknown**

**DISPOSITION OF WASTE: On ground and concrete pad**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Sandbags**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of grease on the ground and fuel-soaked soil**

**DETAILS OF PAST RELEASES: Unknown release history**

**UNIT NUMBER: BB9-O/W**

**Roll 5 Photo 26**

**UNIT NAME: MCB**

**REFERENCE: Stormwater discharge study/VSI - page B-23**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 8 feet by 5 feet by 5 feet deep**

**MATERIAL OF CONSTRUCTION: Concrete, steel grate top**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: x</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: BB9-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Fuel oil and water separator**

**SOURCE OF WASTE: Boiler house fuel area and boiler blow off**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: BB9-Basin**

**Roll 5 - Photo 27**

**UNIT NAME: MCB**

**REFERENCE: Stormwater discharge study/VSI - page B-23**

**A. DESCRIPTION**

**UNIT TYPE: Spill containment basin**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 15 feet by 10 feet by 5 to 8 feet deep**

**MATERIAL OF CONSTRUCTION: Concrete with steel rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: BB9-Basin**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Fuel oil and water separator**

**SOURCE OF WASTE: Boiler house fuel area and boiler blow-off**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release; groundwater monitoring wells are nearby**

**UNIT NUMBER: 2611-Container**

**Roll 5 - Photo 28**

**UNIT NAME: Gun Club**

**REFERENCE: VSI - page B-24**

**A. DESCRIPTION**

**UNIT TYPE: Drum storage**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 8 pallets**

**MATERIAL OF CONSTRUCTION: Steel drums**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT: X</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (500')</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Abandoned material**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 2611-Container**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Tar material**

**SOURCE OF WASTE: Contractor's abandoned materials**

**DISPOSITION OF WASTE: None**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: Yes  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release to soil near pavement and to asphalt pavement**

**DETAILS OF PAST RELEASES: Unknown release history**



UNIT NUMBER: HP250-O/W-1

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, detergent, grit, and water

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharge to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: HP250-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES: X

CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC: X

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Diesel, oil filters, absorbent, magnesium, lithium, wet cell batteries, DS2, STB, and other NBC items

SOURCE OF WASTE: Motor maintenance

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS: X  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharge to sump with PIV

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: HP250-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Motor maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS: X**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharge to sump with PIV**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: HP250-O/W-2**

**Roll 5 - Photo 31**

**UNIT NAME: Communication Co., 2nd Marine Regiment, 2nd Marine Division**

**REFERENCE: Cwo. Bean/VSI - page B-27**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: About 1989 or 1990**

**DIMENSIONS/VOLUME: 12 feet by 8 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (200)'</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: HP250-O/W-2**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Wash rack and receives run-off from the HWA and AST**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, oil was present in separator**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** NH118-O/W

**Roll 5 - Photo 32**

**UNIT NAME:** Naval Hospital Public Works

**REFERENCE:** Senior Chief Campbell/VSI - page B-28

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** About 1980 or 1981

**DIMENSIONS/VOLUME:** About 9 feet by 15 feet and 12 feet by 6 feet and 6 to 8 feet deep

**MATERIAL OF CONSTRUCTION:** Concrete with metal rail and baffles

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X 2,000'</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: NH118-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Vehicle maintenance (hospital)**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: NH118-HWA**

**Roll 5 - Photo 33**

**UNIT NAME: Naval Hospital Public Works**

**REFERENCE: Senior Chief Campbell/ VSI - page B-29**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day hazardous waste accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 18 feet by 6 feet floor area**

**MATERIAL OF CONSTRUCTION: Concrete floor**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: NH118-HWA**

**C. WASTE MANAGED**

**SOLIDS: X**  
**LIQUIDS: x**  
**GASES:**  
**SLUDGES:**

**CORROSIVE: X**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC: X**

**ORGANICS: X**  
**INORGANICS: X**  
**METALS:**

**PARTICULARS: Alcohol, mercury, formaldehyde, ethylene oxide, ni-cad batteries**

**SOURCE OF WASTE: Medical expired shelf-life and vehicle maintenance**

**DISPOSITION OF WASTE: EMD HW center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Waste in containers inside building**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** NH118-UST

None

**UNIT NAME:** Naval Hospital Public Works

**REFERENCE:** Senior Chief Campbell/ VSI

**A. DESCRIPTION**

**UNIT TYPE:** Used oil UST

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 500 gallons

**MATERIAL OF CONSTRUCTION:** Steel

**UNDERLAIN BY:**

**CONCRETE:**  
**GRASS:**

**ASPHALT:**  
**SOIL: X**

**GRAVEL:**

**ENVIRONMENTAL:**

**INDOORS:**

**OUTDOORS: X**

**COVERED:**

**CLOSE TO SURFACE WATER:**

**CLOSE TO DRINKING WATER:**

**RESIDENCES:**

**IN-GROUND: X**

**ABOVE-GROUND:**

**BELOW-GROUND:**

**PURPOSE OF UNIT:** Used oil storage

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/REMOVED OR DISMANTLED:  
REGULATORY STATUS:**

**INACTIVE/PHYSICALLY PRESENT:**

**CLOSED UNDER STATE OR EPA:**

**OTHER:**

UNIT NUMBER: NH118-UST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: x  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil

SOURCE OF WASTE: Medical vehicle maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: No controls, the tank is buried about one-third of its depth in the ground

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual evidence of a release, appears to be routine when filling

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: 2615-O/W**

**Roll 5 - Photo 34**

**UNIT NAME: Officer's Club**

**REFERENCE: VSI - page B-30**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 24 feet by 15 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 2615-O/W**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Heavy No. 6 fuel oil**

**SOURCE OF WASTE: No. 6 fuel oil line**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual release to surrounding soil**

**DETAILS OF PAST RELEASES: Unknown, but possible based on new soil's presence**

**UNIT NUMBER:** PT33-Pond-O/W

**Roll 5 - Photos 35 and 36**

**UNIT NAME:** MCB Kitchen Grease Contractor

**REFERENCE:** VSI - page B-31

**A. DESCRIPTION**

**UNIT TYPE:** Pond and oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Two ponds about 1 acre each and two oil/water separators

**MATERIAL OF CONSTRUCTION:** Earthen ponds, concrete oil/water separators with grate

**UNDERLAIN BY:**                      **CONCRETE:**                      **ASPHALT:**                      **GRAVEL:**  
**GRASS:**                                      **SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**                                      **CLOSE TO SURFACE WATER:**                                      **IN-GROUND: X**  
**OUTDOORS: X**                                      **CLOSE TO DRINKING WATER:**                                      **ABOVE-GROUND:**  
**COVERED: Uncovered**                                      **RESIDENCES:**                                      **BELOW-GROUND:**

**PURPOSE OF UNIT:** Grease disposal

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                      **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                                      **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS: Unknown**

**OTHER:**

**UNIT NUMBER: PT33-Pond-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES: X**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Kitchen grease**

**SOURCE OF WASTE: Kitchen grease traps**

**DISPOSITION OF WASTE: Unknown**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Ponds have none and the oil/water separators discharge to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW: X**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: A release to ground is visually evident**

**DETAILS OF PAST RELEASES: Unknown release history**



**UNIT NUMBER: PT33-Pile**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Unknown, soil may be contaminated with POL**

**SOURCE OF WASTE: Unknown**

**DISPOSITION OF WASTE: Unknown**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: No run-off controls**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 908-HWA**

**Roll 6 - Photo 13**

**UNIT NAME: MCB Logistic**

**REFERENCE: Arlene Watters, Tommy Turpin/VSI - page B-32**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day hazardous waste accumulation area**

**PERIOD OF OPERATIONS: 1984**

**DIMENSIONS/VOLUME: Building about 10 feet by 6 feet by 7 feet**

**MATERIAL OF CONSTRUCTION: Metal shed**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 908-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: No wastes are being stored**

**SOURCE OF WASTE: Painting operations**

**DISPOSITION OF WASTE: No wastes are stored, but would use EMD HW center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: No secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 961-O/W**

**Roll 6 - Photo 14**

**UNIT NAME: MCB Logistic Fuel Farm**

**REFERENCE: Harold Taylor, Arlene Watters/VSI - page B-33**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Constructed March 1991**

**DIMENSIONS/VOLUME: About 18 feet by 12 feet by unknown depth**

**MATERIAL OF CONSTRUCTION: Concrete with steel grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Fuel and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

Unit NUMBER: 961-O/W

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Fuel, grit, and water

SOURCE OF WASTE: POL (diesel and unleaded)

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release, oil is in separator

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: 1407/1408-O/W**

**Roll 6 - Photo 15**

**UNIT NAME: MCB Logistic Bus Maintenance**

**REFERENCE: Arlene Watters/VSI - page B-34**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator, SDB, and grit chamber**

**PERIOD OF OPERATIONS: 1984**

**DIMENSIONS/VOLUME: Grit chamber 12 feet by 12 feet by 4 feet, oil/water separator 15 feet by 10 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel grate top**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Grit and oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1407/1408-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Bus maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Oil/water separator discharges to sewer, SDB discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** 1502-O/W-1

**Roll 6 - Photos 16 and 17**

**UNIT NAME:** MCB Logistic Vehicle Maintenance

**REFERENCE:** Arlene Watters/VSI - page B-35

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Grit chamber 7 feet by 7 feet by 2 feet, oil/water separator 15 feet by 10 feet by 4 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel grate

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1502-O/W-1**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Vehicles**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, but a strong petroleum smell of from grit chamber because it was full of oil**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: 1502-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC: X

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Oil filters

SOURCE OF WASTE: Vehicles

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None, waste stored in 55-gallon drums

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** 1502-O/W-2

**Roll 6 - Photo 35**

**UNIT NAME:** MCB Logistic Vehicle Maintenance

**REFERENCE:** Ind. WW plan/VSI - page B-35

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separators (3)

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** About 3 feet by 6 feet and unknown depth with wood weir

**MATERIAL OF CONSTRUCTION:** Concrete with concrete top

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1502-O/W-2**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicles**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharge to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, oil in units**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** TC364-Basin

**Roll 6 Photo 19**

**UNIT NAME:** MCB Logistic Geiger Fuel

**REFERENCE:** James Bell, Arlene Watters/ VSI - page B-37

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** About 1980

**DIMENSIONS/VOLUME:** About 15 feet by 24 feet by 6 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel rail

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: TC364-Basin**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Fuel and water**

**SOURCE OF WASTE: Fuel spills**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, fuel in separator**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS118-O/W  
**UNIT NAME:** Air Station - Logistic  
**REFERENCE:** Arlene Watters/VSI - page B-38

**Roll 6 - Photo 20**  
**Roll 8 - Photo 32**

**A. DESCRIPTION**

**UNIT TYPE:** O/W Separator, Grit Chamber

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Oil/water separator 9 feet by 5 feet and grit chamber 10 feet by 10 feet by 2 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel grate

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS118-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, fuel, grit, and water

SOURCE OF WASTE: Fuel truck maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharge to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: SA22-O/W**

**Roll 6 - Photo 21**

**UNIT NAME: MCB Amphibious Assault Area**

**REFERENCE: VSI - page B-39**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, assumed 1980**

**DIMENSIONS/VOLUME: 10 feet by 20 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation from wash rack**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SA22-O/W

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES: X**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and water**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: SA22-Pile

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Fuel

SOURCE OF WASTE: Underground tank excavation

DISPOSITION OF WASTE: None

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Stormwater run-off to ditch

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR: X  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release, very strong hydrocarbon smell, groundwater monitoring wells are in the area

DETAILS OF PAST RELEASES: A release has occurred from tanks that were in the area

**UNIT NUMBER: SA16-O/W**

**Roll 6 - Photo 23**

**UNIT NAME: 2nd Assault Amphibious BN, 2nd Marine Division**

**REFERENCE: Ind. WW plan/VSI - page B-41**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: About 1980 until 1993**

**DIMENSIONS/VOLUME: About 5 feet by 10 feet by 5 feet**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SA16-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, soap, grit, and water

SOURCE OF WASTE: Vehicle maintenance and washing

DISPOSITION OF WASTE: Unknown, assumed EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES:

No known history of release, a used oil UST was removed from the area

**UNIT NUMBER: SA36-O/W**

**Roll 6 - Photo 24**

**UNIT NAME: 2nd Assault Amphibious BN, 2nd Marine Division**

**REFERENCE: Ind. WW plan/VSI - page B-42**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, assumed 1980**

**DIMENSIONS/VOLUME: 5'x10'x5'**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Separates oil and water**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SA36-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, fuel, soap, grit, and water

SOURCE OF WASTE: Generator equipment and vehicle washing

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** A1-HWA

**Roll 6 - Photo 25**

**UNIT NAME:** 2nd Assault Amphibious BN, 2nd Marine Division

**REFERENCE:** HW Study/VSI - page B-43

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** About 30 feet by 15 feet

**MATERIAL OF CONSTRUCTION:** Concrete floor, concrete block wall, wood roof, and chain-link fence

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** HW accumulation, not currently used

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: A1-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: No waste accumulated**

**SOURCE OF WASTE: No waste accumulated**

**DISPOSITION OF WASTE: No waste accumulated**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer through PIV**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known evidence of release**

**UNIT NUMBER: A1-Rack**

**Roll 6 - Photo 26**

**UNIT NAME: 2nd Assault Amphibious BN, 2nd Marine Division**

**REFERENCE: VSI - page B-44**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 50 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Vehicle washing**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: A1-Rack**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Not in use**

**SOURCE OF WASTE: Not in use**

**DISPOSITION OF WASTE: Not in use**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to ditch through PIV**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known evidence of release**

**UNIT NUMBER: ST32-Pile**

**Roll 6 - Photo 28**

**UNIT NAME: Construction debris soil pile - Tarawa Terrace**

**REFERENCE: VSI - page B-45**

**A. DESCRIPTION**

**UNIT TYPE: Solid waste (construction) and soils, dirt pile for occupant yard repair**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 200 feet by 50 feet by 4 feet**

**MATERIAL OF CONSTRUCTION: Soil pile**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Soil stockpile for housing**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: ST32-Pile**

**C. WASTE MANAGED**

**SOLIDS: X**  
**LIQUIDS:**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS:**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Soil**

**SOURCE OF WASTE: Construction**

**DISPOSITION OF WASTE: None**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** TT2453-Release

**Roll 6 - Photo 29**

**UNIT NAME:** Auto Hobby Shop - Tarawa Terrace

**REFERENCE:** VSI - page B-46

**A. DESCRIPTION**

**UNIT TYPE:** Used oil release

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 10 foot by 10 feet

**MATERIAL OF CONSTRUCTION:** Soil

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** None

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: TT2453-Release

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil

SOURCE OF WASTE: Auto crankcases

DISPOSITION OF WASTE: Release

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Release

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Some stain by door where a number of drums are located, release to pavement also noted

DETAILS OF PAST RELEASES: No known release history



**UNIT NUMBER: TT2453-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Auto crankcases**

**DISPOSITION OF WASTE: Unknown**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Some stain by door where a number of drums are located,  
release to pavement also noted**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: TT2453-HWA**

**Roll 6 - Photo 29**

**UNIT NAME: Auto Hobby Shop - Tarawa Terrace**

**REFERENCE: VSI - page B-46**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 55 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT: X</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Used oil filters**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: Possible</b>	

**OTHER:**

UNIT NUMBER: TT2453-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Used oil filters with benzene, cadmium, and lead

SOURCE OF WASTE: Auto crankcases

DISPOSITION OF WASTE: Unknown

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: Unknown release history

**UNIT NUMBER: BA130-AST**

**No Photo**

**UNIT NAME: Motor T - 2nd Reconnaissance BN - 2nd Marine Division**

**REFERENCE: Capt. Belson, Lt. Mitchell/VSI - page B-47**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Unknown, assumed since 1980**

**DIMENSIONS/VOLUME: 500 gallons**

**MATERIAL OF CONSTRUCTION: Steel tank**

**UNDERLAIN BY: CONCRETE: X ASPHALT: GRAVEL:  
GRASS: SOIL:**

**ENVIRONMENTAL:**

**INDOORS: CLOSE TO SURFACE WATER: X IN-GROUND:  
OUTDOORS: X CLOSE TO DRINKING WATER: ABOVE-GROUND: X  
COVERED: RESIDENCES: BELOW-GROUND:**

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

**ACTIVE: X INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED: CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: BA130-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil and fuel**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: AST is located in the wash rack that drains to the oil/water separator**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**

**UNIT NUMBER: BA130-O/W**

**Roll 6 - Photo 30**

**UNIT NAME: Motor T - 2nd Reconnaissance BN - 2nd Marine Division**

**REFERENCE: Capt. Belson, Lt. Mitchell/VSI - page B-47**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, assumed since 1980**

**DIMENSIONS/VOLUME: O/W separator is about 15 feet by 6 feet by 4 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: BA130-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to drain field (tile field)**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**

**UNIT NUMBER: BA130-HWA**

**Roll 6 - Photo 31**

**UNIT NAME: Motor T - 2nd Reconnaissance BN - 2nd Marine Division**

**REFERENCE: Capt. Belson and Lt. Mitchell/VSI - page B-48**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 24 feet by 12 feet**

**MATERIAL OF CONSTRUCTION: Concrete floor, block wall, and wood roof**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: HW storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: BA130-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS: X  
METALS:**

**PARTICULARS: Batteries, oil filters, mercury, magnesium, lithium, electrolyte, DS2, and absorbent**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD HW center**

**D. RELEASE CONTROLS**

**LINER: X  
LEVEL CONTROLS:**

**DIKING: X (4")  
OVERFLOW CONTROLS:**

**SUMPS: IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Unit has a sump**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: 1053-O/W**

**Roll 6 - Photo 32**

**UNIT NAME: Morale, Welfare, and Recreation**

**REFERENCE: VSI - page B-49**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, constructed after 1980**

**DIMENSIONS/VOLUME: 18 feet by 9 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1053-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, wax, grit, and water**

**SOURCE OF WASTE: Car wash for Marine vehicles**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: S1001-Basin**

**Roll 6 - Photo 33**

**UNIT NAME: Marine Corps Base**

**REFERENCE: Ind. WW Plans/VSI - page B-50**

**A. DESCRIPTION**

**UNIT TYPE: Spill Containment Basin**

**PERIOD OF OPERATIONS: Unknown, about 1980**

**DIMENSIONS/VOLUME: 30 feet by 15 feet**

**MATERIAL OF CONSTRUCTION: Concrete, open top**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Collects spilled fuel**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: S1001-Basin**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Fuels and water**

**SOURCE OF WASTE: Spill containment from rail deadhead - old fuel depot**

**DISPOSITION OF WASTE: No longer used**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to ditch through a post-indicatory valve**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: A pump and treatment system is operating next to the basin**

**UNIT NUMBER:** S1132-O/W

**Roll 6 - Photo 34**

**UNIT NAME:** Base Maintenance

**REFERENCE:** Ind. WW plans/VSI - page B-51

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown, about 1980

**DIMENSIONS/VOLUME:** 15 feet by 8 feet by 4 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel grate

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: S1132-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Base maintenance truck-washing facility**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer, stormwater diversion basin discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: 1610-O/W**

**Roll 6 - Photos 36 and 37**

**UNIT NAME: Base Auto Shop**

**REFERENCE: VSI - page B-52**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Unknown**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1610-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Base maintenance (auto)

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: 575-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil, grease, and fuel**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Visual inspection**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 575-O/W**

**Roll 7 - No Photos**

**UNIT NAME: 2nd Light Armored Infantry BN, 2nd Marine Division**

**REFERENCE: VSI - page B-53**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Unknown**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (100')</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 575-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: 575-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, fuel, absorbent, batteries (lead acid), used electrolyte

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD HW center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: 575-UST**

**Roll 7 - No Photos**

**UNIT NAME: 2nd Light Armored Infantry BN, 2nd Marine Division**

**REFERENCE: VSI - page B-53**

**A. DESCRIPTION**

**UNIT TYPE: Used oil USTs (2)**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

**UNDERLAIN BY:**

**CONCRETE:**

**ASPHALT:**

**GRAVEL:**

**GRASS:**

**SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**

**CLOSE TO SURFACE WATER:**

**IN-GROUND:**

**OUTDOORS: X**

**CLOSE TO DRINKING WATER:**

**ABOVE-GROUND:**

**COVERED:**

**RESIDENCES:**

**BELOW-GROUND: X**

**PURPOSE OF UNIT: Used oil storage**

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/PHYSICALLY PRESENT:**

**INACTIVE/REMOVED OR DISMANTLED:**

**CLOSED UNDER STATE OR EPA:**

**REGULATORY STATUS: UST**

**OTHER:**

UNIT NUMBER: 575-UST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, and fuel

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS: X

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS:

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: 575-Rack**

**Roll 7 - No Photos**

**UNIT NAME: 2nd Light Armored Infantry BN, 2nd Marine Division**

**REFERENCE: VSI - page B-54**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 50 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (100')</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Military vehicle washing**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 575-Rack**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, and fuel**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer with overflow to wetlands**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: Known history of release, large scour hole, water quality sampling has been performed, scrap metal bends are adjacent to discharge**



**UNIT NUMBER: 540-Backwash**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Water**

**SOURCE OF WASTE: Swimming pool filter**

**DISPOSITION OF WASTE: Discharges to sewer**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:  
USE TO DISCHARGE TO WETLANDS**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release, overflow discharges to adjacent wetlands**

**DETAILS OF PAST RELEASES: Basin discharges to ditch**

**UNIT NUMBER: 236-Backwash**

**Roll 7 - Photo 3**

**UNIT NAME: Marine Corps Base Swimming Pool**

**REFERENCE: Ind. WW Plans/VSI - page B-56**

**A. DESCRIPTION**

**UNIT TYPE: Swimming pool backwash basin**

**PERIOD OF OPERATIONS: Constructed about 1980**

**DIMENSIONS/VOLUME: Basin is about 50 feet by 24 feet by 12 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Backwash for pool filter**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER: Should be covered under general permit**

UNIT NUMBER: 236-backwash

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Water

SOURCE OF WASTE: Pool filter

DISPOSITION OF WASTE: Discharges to sewer

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: Basin discharges to ditch

**UNIT NUMBER: 25-O/W**

**Roll 7 - Photo 4**

**UNIT NAME: MWR - Cleaners**

**REFERENCE: VSI - page B-57**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack, grit chamber, and oil/water separator**

**PERIOD OF OPERATIONS: Constructed about 1980**

**DIMENSIONS/VOLUME: Grit chamber is about 6 feet by 6 feet by 2 feet and the oil/water separator is about 15 feet by 6 feet by 4 feet**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate cover**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil/water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 25-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: MCB vehicles

DISPOSITION OF WASTE: Separator discharges to sewer

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: Unknown history of release



UNIT NUMBER: 43-AST

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used motor oil and greases

SOURCE OF WASTE: Police vehicles

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: Unknown release history



**UNIT NUMBER: 1014-Container**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Solid waste and soil**

**SOURCE OF WASTE: Drilling and monitoring well installation**

**DISPOSITION OF WASTE: Unknown**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Open lot**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: Unknown release history**

**UNIT NUMBER: S946-UST**

**Roll 7 - Photo 13**

**UNIT NAME: Environmental Management Department**

**REFERENCE: Ind. WW Improvements/VSI - page B-60**

**A. DESCRIPTION**

**UNIT TYPE: Used oil USTs (2 tanks) and grease rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 4 grease racks, tank sizes unknown but assumed 550 gallons**

**MATERIAL OF CONSTRUCTION: Concrete racks, tank material is unknown but is assumed steel**

**UNDERLAIN BY:**

**CONCRETE:  
GRASS:**

**ASPHALT:  
SOIL: X**

**GRAVEL:**

**ENVIRONMENTAL:**

**INDOORS:**

**OUTDOORS: X**

**COVERED:**

**CLOSE TO SURFACE WATER:**

**CLOSE TO DRINKING WATER:**

**RESIDENCES:**

**IN-GROUND:**

**ABOVE-GROUND:**

**BELOW-GROUND: X**

**PURPOSE OF UNIT: Used oil storage**

**B. CLOSURE INFORMATION**

**ACTIVE:**

**INACTIVE/REMOVED OR DISMANTLED:**

**REGULATORY STATUS: UST**

**INACTIVE/PHYSICALLY PRESENT: X**

**CLOSED UNDER STATE OR EPA:**

**OTHER: Unknown, assumed inactive**

UNIT NUMBER: S946-UST

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used oils and greases

SOURCE OF WASTE: Vehicles' used motor oil

DISPOSITION OF WASTE: Assumed EMD recycling center

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None, appears level controls were once used

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: Unknown history of release

**UNIT NUMBER:** S947-pile

**Roll 7 - Photos 8 & 9**

**UNIT NAME:** Environmental Management Department

**REFERENCE:** VSI - page B-61

**A. DESCRIPTION**

**UNIT TYPE:** Petroleum-contaminated soil staging area

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Concrete pad approximately 100' x 40' with discharge to separator

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Staging POL-contaminated soil

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: None</b>	

**OTHER:**

**UNIT NUMBER: S947-Pile**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Spilled petroleum and soil**

**SOURCE OF WASTE: MCB - industrial activities**

**DISPOSITION OF WASTE: EMD hazardous waste center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Water flows to grit chamber, then to oil/water separator, and discharges into sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR: X  
VSI NOTED RELEASE TO SOIL/GW: SOIL  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of soil and absorbent releases**

**DETAILS OF PAST RELEASES: Unknown past release has occurred**

**UNIT NUMBER: S947-O/W**

**Roll 7 - Photos 10 & 11**

**UNIT NAME: Environmental Management Department**

**REFERENCE: VSI - pages B-61 and 62**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator and wash rack**

**PERIOD OF OPERATIONS: Approximately 1980**

**DIMENSIONS/VOLUME: See Ind. WW plans**

**MATERIAL OF CONSTRUCTION: Concrete**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:**  
**GRASS:                                   SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND: X**  
**OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND:**  
**COVERED: Uncovered                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:                                    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS: None**

**OTHER:**

UNIT NUMBER: S947-O/W

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, greases, photo fixer, grit, and water

SOURCE OF WASTE: MCB, industrial activities

DISPOSITION OF WASTE: Water is discharged to sewer, EMD hazardous waste center disposes of oil, and grit

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Water flows to grit chamber, then to oil/water separator, and discharges into sewer

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR: X  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual evidence of releases at O/W discharge

DETAILS OF PAST RELEASES: Unknown past release has occurred



**UNIT NUMBER: S946-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil and grease**

**SOURCE OF WASTE: Vehicles' used motor oil**

**DISPOSITION OF WASTE: Assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None, appears that level controls are visual**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: Unknown history of release**

**UNIT NUMBER:** S947-Container

**Roll 7 - Photos 14**

**UNIT NAME:** Environmental Management Department

**REFERENCE:** VSI - page B-64

**A. DESCRIPTION**

**UNIT TYPE:** Petroleum-contaminated soil staging area

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 30 cubic yard roll-offs and an area about 200 feet by 300 feet

**MATERIAL OF CONSTRUCTION:** Steel roll-off and soil

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Staging POL-contaminated soil

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: None</b>	

**OTHER:**

**UNIT NUMBER: S947-Container**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Spilled petroleum and soil**

**SOURCE OF WASTE: MCB industrial activities**

**DISPOSITION OF WASTE: EMD hazardous waste center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR: X  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of liquid, soil, and absorbent releases**

**DETAILS OF PAST RELEASES: Unknown past release has occurred**

**UNIT NUMBER: 913-AST**

**Roll 7 - Photo 15**

**UNIT NAME: EMD recycling center**

**REFERENCE: VSI - page B-65**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 500 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

**UNDERLAIN BY:            CONCRETE:                    ASPHALT: X                    GRAVEL:**  
**GRASS:                                    SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND:**  
**OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND: X**  
**COVERED:                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:                                    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: 913-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil from MCB industrial operations**

**SOURCE OF WASTE: MCB**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Sandbags are used as secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of releases**

**UNIT NUMBER:** TP45-AST

**Roll 7 - Photo 18**

**UNIT NAME:** Traffic Driving School

**REFERENCE:** VSI - page B-66

**A. DESCRIPTION**

**UNIT TYPE:** Used oil AST

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** 15 feet by 40 foot by 4 inches containment, 55-gallon drum

**MATERIAL OF CONSTRUCTION:** Concrete, concrete block, and steel drum

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:**                            **CLOSE TO SURFACE WATER:**                            **IN-GROUND:**  
**OUTDOORS:** X                            **CLOSE TO DRINKING WATER:**                            **ABOVE-GROUND:** X  
**COVERED:** Uncovered            **RESIDENCES:**                            **BELOW-GROUND:**

**PURPOSE OF UNIT:** Used oil collection

**B. CLOSURE INFORMATION**

**ACTIVE:** X                            **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: TP45-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used oil and fuel**

**SOURCE OF WASTE: Unknown - waste oil**

**DISPOSITION OF WASTE: Unknown, assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Concrete containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence**

**DETAILS OF PAST RELEASES: Unknown release history**

**UNIT NUMBER: TP45-Rack**

**Roll 7 - Photo 19**

**UNIT NAME: Truck-Driving School**

**REFERENCE: VSI - page B-67**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 60 feet by 20 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (50)'</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Wash trucks**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: TP45-Wash**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: To surrounding surface drainage**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence**

**DETAILS OF PAST RELEASES: No known release history**

**UNIT NUMBER: 1916-O/W**

**Roll 7 - Photo 20**

**UNIT NAME: Golf Maintenance**

**REFERENCE: Ind. WW Plan/Grant Back and Appleton/VSI - page B-68**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator, wash rack, grit chamber, and tile field**

**PERIOD OF OPERATIONS: About 1980**

**DIMENSIONS/VOLUME: See plans of Ind. WW.**

**MATERIAL OF CONSTRUCTION: Concrete with steel grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1916-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Receives mostly grass and grit from mowing equipment and some oil, grease, and water**

**SOURCE OF WASTE: Golf course maintenance equipment**

**DISPOSITION OF WASTE: Public works**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: The oil/water separator discharges to a tile field. Stormwater overflow discharges to the ditch.**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Wash rack was backed up**

**DETAILS OF PAST RELEASES: Operator indicated the wash rack always backed up.**

**UNIT NUMBER: 600-UST**

**No Photo**

**UNIT NAME: MCB Golf Course**

**REFERENCE: Ind. WW plans, Grant Beck and Appleton/VSI - page B-69**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: About 1980**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

**UNIT NUMBER: 600-UST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Maintenance vehicles**

**DISPOSITION OF WASTE: EMD recycling**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS: X**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Pull gauge**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 1775-HWA**

**Roll 7 - Photo 21**

**UNIT NAME: Motor Transportation - 10th Marines - 2nd Marine Division**

**REFERENCE: Capt. Akins/VSI - page B-70**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: < 90-day area is about 24 feet by 12 feet**

**MATERIAL OF CONSTRUCTION: Concrete floor, wood post, and wood roof**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT: X            GRAVEL:**  
**GRASS:                                   SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND:**  
**OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND: X**  
**COVERED: X                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: Hazardous waste storage**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: 1775-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Diesel, kerosene, antifreeze, batteries, DS2, and rags**

**SOURCE OF WASTE: Motor transportation**

**DISPOSITION OF WASTE: EMD hazardous waste center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: The unit has secondary containment and sump with a PIV draining to the storm sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**



**UNIT NUMBER: 1775-O/W-UST**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil and grease**

**SOURCE OF WASTE: Vehicle grease and wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS: X**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Oil/water separator discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 1775-UST**

**Roll 7 - Photos 23, 24, 25**

**UNIT NAME: Motor Transportation - 10th Marine - 2nd Marine Division**

**REFERENCE: Capt. Akins/VSI - page B-72**

**A. DESCRIPTION**

**UNIT TYPE: Used oil USTs**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 550 gallons each (3)**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Used oil storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

**UNIT NUMBER: 1775-UST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil and grease**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS: X**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS:**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release; tanks have passed an integrity test**

**UNIT NUMBER: 1445-O/W**

**Roll 7 - Photo 26**

**UNIT NAME: Communications - 10th Marines - 2nd Marine Division**

**REFERENCE: Capt. Akins/VSI - page B-73**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator and wash rack**

**PERIOD OF OPERATIONS: Constructed in November 1993**

**DIMENSIONS/VOLUME: Separator is 12 feet by 10 feet by 4 feet, grit chamber is 20 feet by 36 feet by 3 feet, and wash rack is 45 feet by 36 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil/water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1445-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grit, and water

SOURCE OF WASTE: Oil/water separator

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS: X  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Separator discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of a release

DETAILS OF PAST RELEASES: No known history of a release

**UNIT NUMBER: 1343-O/W**

**Roll 7 - Photo 27**

**UNIT NAME: Motor Transportation - HQBN - 10th Marines - 2nd Marine Division**

**REFERENCE: Capt. Akins/VSI - page B-74**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Constructed August 1990**

**DIMENSIONS/VOLUME: 12 feet by 18 feet by 6 feet deep**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil/water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1343-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Temporary paint, oil, grit, and water

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: EMD

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS: X  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Separator discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of a release

**UNIT NUMBER:** 1327/1343-HWA

**Roll 7 - Photo 28**

**UNIT NAME:** Motor Transport - HQBN - 10th Marines - 2nd Marine Division

**REFERENCE:** Capt. Akins/VSI - page B-75

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** Constructed about 1990

**DIMENSIONS/VOLUME:** 50 feet by 15 feet, 3 bays

**MATERIAL OF CONSTRUCTION:** Concrete with block wall, metal post, and metal roof

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Stores hazardous waste from vehicle maintenance

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1327/1343-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Waste oil, absorbent, diesel, lead-acid batteries, and antifreeze in AST**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD hazardous waste or recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Sump with post indicator valve (PIV) collects spills**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**

**UNIT NUMBER:** 1323-UST

**Roll 7 - Photo 29**

**UNIT NAME:** HQBN 10th Marines - 2nd Marine Division

**REFERENCE:** Capt. Akins/VSI - page B-76

**A. DESCRIPTION**

**UNIT TYPE:** Used oil UST

**PERIOD OF OPERATIONS:** Constructed about 1990

**DIMENSIONS/VOLUME:** 550 gallons

**MATERIAL OF CONSTRUCTION:** Steel

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT:** Used oil storage

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

**UNIT NUMBER: 1323-UST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Used motor oil from vehicles**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                   SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION: X**

**DETAILS:**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**



**UNIT NUMBER: 1106/1107-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Waste oil and antifreeze**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: Assumed EMD hazardous waste and recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Visual level**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release**

**DETAILS OF PAST RELEASES: EMD has reported some problems**



UNIT NUMBER: 1106/1107-UST

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Waste oil

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: Assumed EMD hazardous waste and recycling center

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Visual level

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual evidence of release

DETAILS OF PAST RELEASES: EMD has reported some problems



**UNIT NUMBER: 1106/1107-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil filters, waste oil, and antifreeze**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: Assumed EMD hazardous waste and recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Stormwater overflow may discharge to ditch, separator discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release**

**DETAILS OF PAST RELEASES: EMD has reported some overflow problems**

**UNIT NUMBER:** 1205/1206-O/W

**Roll 7 - Photo 33**

**UNIT NAME:** Motor T - Headquarters and Service Company - 2nd MEF

**REFERENCE:** Cpl. Emery/VSI - 78

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator and wash rack

**PERIOD OF OPERATIONS:** Constructed about 1980

**DIMENSIONS/VOLUME:** See Ind. WW improvement plans

**MATERIAL OF CONSTRUCTION:** Concrete

**UNDERLAIN BY:**            **CONCRETE:**                    **ASPHALT:**                    **GRAVEL:**  
   **GRASS:**                                    **SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                                    **IN-GROUND: X**  
**OUTDOORS: X**                                    **CLOSE TO DRINKING WATER:**                                    **ABOVE-GROUND:**  
**COVERED: Uncovered**                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Oil/water separation

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                                    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: 1205/1206-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: Vehicle washing**

**DISPOSITION OF WASTE: Assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Stormwater overflow discharges to ditch and the separator discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**



UNIT NUMBER: 1301/1309-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil (used oil AST)

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: Assumed EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Visual level

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: There are two monitoring wells by Building 1301's north corner

DETAILS OF PAST RELEASES: No known history of a release

**UNIT NUMBER:** 1301/1309-O/W

**Roll 7 - Photo 34**

**UNIT NAME:** Motor T - Headquarters and Service Company - 2nd SRIG

**REFERENCE:** Ind. WW Plans/VSI - page B-79

**A. DESCRIPTION**

**UNIT TYPE:** Wash rack and oil/water separator

**PERIOD OF OPERATIONS:** Constructed about 1980

**DIMENSIONS/VOLUME:** See Ind. WW Improvement Plans

**MATERIAL OF CONSTRUCTION:** Concrete oil/water separator

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil/water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 1301/1309-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grit, and water (oil/water separator)**

**SOURCE OF WASTE: Vehicle washing and vehicle maintenance**

**DISPOSITION OF WASTE: Assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Stormwater overflow discharges to ditch and the separator discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: There are two monitoring wells by Building 1301's north corner**

**DETAILS OF PAST RELEASES: No known history of a release**

**UNIT NUMBER: 1405/1406-O/W**

**Roll 8 - Photo 2**

**UNIT NAME: Unknown**

**REFERENCE: Ind. WW plans/VSI - page B-80**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Constructed approximately 1980**

**DIMENSIONS/VOLUME: See Ind. WW plans**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 1405/1406-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, grit, and water

SOURCE OF WASTE: Vehicle wash rack

DISPOSITION OF WASTE: EMD recycling and HW centers

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Oil and water separator discharges to the sewer, SDB discharges to ditch

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence

DETAILS OF PAST RELEASES: Waste oil from grease rack piped to GC of oil/water separator



**UNIT NUMBER: 1612-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil and grease**

**SOURCE OF WASTE: Auto waste oil**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None on AST**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known release history**



**UNIT NUMBER: 1505/1506-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, grit, water**

**SOURCE OF WASTE: Vehicle washing**

**DISPOSITION OF WASTE: Assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS: X  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Stormwater overflow discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**



UNIT NUMBER: 1505/1506-AST

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and grease**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: Assumed EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**                      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Visual level**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of a release**

**DETAILS OF PAST RELEASES: No known history of a release**

**UNIT NUMBER:** AS431-HWA

**Roll 8 - Photo 4**

**UNIT NAME:** HMT 204, HMH 362

**REFERENCE:** Don Patton/VSI - page B-83

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1983 to current

**DIMENSIONS/VOLUME:** About 18 feet by 30 feet

**MATERIAL OF CONSTRUCTION:** Concrete floor, block outside walls, and roof

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** HM/HW storage

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: A5431-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS: X

PARTICULARS: Paint, paint thinners, waste paint, batteries

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER: X  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS: No

IND. SEWER:  
LEAK DETECTION:

DETAILS: Inside building, waste stored in containers

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: A5431-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil, hydraulic fluid, and fuel**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X      SUMPS:  
OVERFLOW CONTROLS: X**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Concrete dike, visual level**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS504-O/W**

**Roll 8 - Photo 5**

**UNIT NAME: HMT 204**

**REFERENCE: Don Patton/VSI - page B-84**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack and oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Wash rack 6 feet by 6 feet, oil/water separator 14 feet by 14 feet by 7 feet deep**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS504-O/W

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

**PARTICULARS:** Oil, fuel, aircraft cleaner, grit, and water

**SOURCE OF WASTE:** Wash rack

**DISPOSITION OF WASTE:** EMD recycling center

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

**DETAILS:** Discharges to sewer, overflows to ditch during heavy rain

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** Visual evidence of release to soil by wash rack

**DETAILS OF PAST RELEASES:** Overflow to ditch during heavy rainfall



UNIT NUMBER: AS504-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Engine oil, hydraulic fluid, and transmission oil

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Tank has secondary containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual evidence of release, 1 gallon or less

DETAILS OF PAST RELEASES: No known history of releases

**UNIT NUMBER: AS515-HWA-E**

**Roll 8 - Photo 7**

**UNIT NAME: HMM 266 HMM 261**

**REFERENCE: Don Patton/VSI - page B-86**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1983**

**DIMENSIONS/VOLUME: About 18 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete floor, block walls, and roof**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: HW accumulation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS515-HWA-E

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS:  
INORGANICS:  
METALS:

PARTICULARS: Paint waste

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Self-contained storage facility

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: Visual evidence of release, stain on the concrete in front of HWA

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** AS515-AST-E  
**UNIT NAME:** HMM 266 HMM 261  
**REFERENCE:** Don Patton/VSI - page B-86

**Roll 8 - Photo 7**

**A. DESCRIPTION**

**UNIT TYPE:** Used oil ASTs (2)

**PERIOD OF OPERATIONS:** 1983

**DIMENSIONS/VOLUME:** 500 gallons each

**MATERIAL OF CONSTRUCTION:** Concrete containment, steel tanks

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Used oil collection

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS515-AST-E

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS:**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Engine oil, hydraulic oil, and fuel**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Secondary containment provided**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: AS574-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Paint wastes**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Self-contained unit, wastes stored in containers**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: AS574-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, hydraulic fluid, and fuel**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW: X**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: Known history of one-time release**



UNIT NUMBER: AS525-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, hydraulic fluid, and fuel

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Concrete secondary containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: AS525-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Acid and waste paint

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Waste stored in containers inside

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** AS3905-HWA

**Roll 8 - Photo 10**

**UNIT NAME:** HMH 461/464, MAG 26, 2nd MAW

**REFERENCE:** Don Patton/VSI - page B-89

**A. DESCRIPTION**

**UNIT TYPE:** < 90-day HW accumulation area

**PERIOD OF OPERATIONS:** 1993

**DIMENSIONS/VOLUME:** 30 feet by 40 feet

**MATERIAL OF CONSTRUCTION:** Concrete floor, concrete walls, and roof

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
                                 **GRASS:**                            **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:** X                    **CLOSE TO SURFACE WATER:**                    **IN-GROUND:**  
**OUTDOORS:**                    **CLOSE TO DRINKING WATER:**                    **ABOVE-GROUND:**  
**COVERED:**                    **RESIDENCES:**                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** HW accumulation

**B. CLOSURE INFORMATION**

**ACTIVE:** X    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: AS3905-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Waste paint**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Waste stored in containers inside**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: AS3905-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, hydraulic fluid, and fuel

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Provided with secondary containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: AS3905-O/W**

**Roll 8 - Photo 12**

**UNIT NAME: HMH 461/464, MAG 26, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-90**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: 1993**

**DIMENSIONS/VOLUME: About 6 feet by 6 feet by 6 feet deep**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS3905-O/W

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, grease, fuel, aircraft surface cleaner, grit, and water

SOURCE OF WASTE: Aircraft washing

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS: X

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharges to sewer

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: AS4112-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS: X**

**PARTICULARS: Oil, hydraulic fluid, and fuel**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Concrete secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW: X**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: Known history of release, spill was cleaned up**

**UNIT NUMBER: AS4112-HWA**

**Roll 8 - Photo 13**

**UNIT NAME: HMM 365, MAG 29, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-91**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day HW accumulation area**

**PERIOD OF OPERATIONS: 1983**

**DIMENSIONS/VOLUME: About 18 feet by 30 feet**

**MATERIAL OF CONSTRUCTION: Concrete floor, walls, and roof**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: HW accumulation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS4112-HWA

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS: X

PARTICULARS: Paint waste and oil

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Waste is stored in containers inside

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: AS4134-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS: X

PARTICULARS: Paint wastes

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: No floor drain, self-contained building, wastes are stored in containers

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: AS4114-AST**

**Roll 8 - Photo 15**

**UNIT NAME: MALS 29, MAG 29, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-93**

**A. DESCRIPTION**

**UNIT TYPE: Used oil ASTs (2)**

**PERIOD OF OPERATIONS: 1983**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Concrete containment and steel tanks**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS4114-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, hydraulic fluid, and fuel

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Concrete secondary containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: Known history of release, spill cleaned up



UNIT NUMBER: AS4114-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS: X

PARTICULARS: Paint wastes

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: No floor drain, self-contained building, wastes are stored in containers

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



UNIT NUMBER: AS4108-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, hydraulic fluid, and fuel

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Concrete secondary containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: Known history of release, spill cleaned up

**UNIT NUMBER: AS4115-AST**

**Roll 8 - Photo 17**

**UNIT NAME: HMLA 167, MAG 26, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-95**

**A. DESCRIPTION**

**UNIT TYPE: Used oil ASTs (2)**

**PERIOD OF OPERATIONS: 1983**

**DIMENSIONS/VOLUME: 500 gallons each**

**MATERIAL OF CONSTRUCTION: Concrete containment and steel tanks**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS4115-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, hydraulic fluid, and fuel**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Concrete secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW: X**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of a release in the secondary containment**

**DETAILS OF PAST RELEASES: Known history of release, spill cleaned up**



**UNIT NUMBER: AS4115-HWA**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Paint waste**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Waste stored in containers inside**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: AS4135-O/W

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, hydraulic fluid, grit, and water**

**SOURCE OF WASTE: Ground support equipment maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



UNIT NUMBER: AS4135-HWA

C. WASTE MANAGED

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE: X  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Paint wastes, lead-acid batteries, and other wastes

SOURCE OF WASTE: Ground support equipment maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: X      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: In shed with containment

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: AS4135-UST**

**Roll 8 - Photo 19**

**UNIT NAME: MALS 29 (GSE), MAG 29, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-96**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: 1988**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

**UNDERLAIN BY:            CONCRETE:                    ASPHALT:                    GRAVEL: X**  
**GRASS:    SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:                                    CLOSE TO SURFACE WATER:                                    IN-GROUND:**  
**OUTDOORS: X                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND:**  
**COVERED:                                    RESIDENCES:                                    BELOW-GROUND: X**

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:    CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: AS4135-UST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil and hydraulic fluid

SOURCE OF WASTE: Ground support equipment maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Unknown

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** AS226-Still  
**UNIT NAME:** Solvent reclamation still  
**REFERENCE:** Don Patton/VSI - page B-97

**No Photo**

**A. DESCRIPTION**

**UNIT TYPE:** Recycling still

**PERIOD OF OPERATIONS:** 2.5 years

**DIMENSIONS/VOLUME:** Unknown

**MATERIAL OF CONSTRUCTION:** Steel

**UNDERLAIN BY:**            **CONCRETE:** X            **ASPHALT:**            **GRAVEL:**  
   **GRASS:**                            **SOIL:**

**ENVIRONMENTAL:**

**INDOORS:** X                            **CLOSE TO SURFACE WATER:**                            **IN-GROUND:**  
**OUTDOORS:**                            **CLOSE TO DRINKING WATER:**                            **ABOVE-GROUND:**  
**COVERED:**                            **RESIDENCES:**                            **BELOW-GROUND:**

**PURPOSE OF UNIT:** Recycling solvents

**B. CLOSURE INFORMATION**

**ACTIVE:** X                            **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                            **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

UNIT NUMBER: AS226-Still

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Solvents

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Inside building

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER:** AS515-O/W

**Roll 8 - Photos 20 and 21**

**UNIT NAME:**

**REFERENCE:** Don Patton/VSI - page B-98

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** 1975

**DIMENSIONS/VOLUME:** About 6 feet by 6 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel grate

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS515-O/W

**C. WASTE MANAGED**

SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

**PARTICULARS:** Oil, grease, fuel, cleaning compound, grit, and water

**SOURCE OF WASTE:** Aircraft maintenance

**DISPOSITION OF WASTE:** EMD recycling center

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

**DETAILS:** Discharges to ditch

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW: X  
VSI NOTED RELEASE TO SSG:

**VSI NOTED RELEASE CONDITIONS:** Visual evidence of release, oil appears to be floating in ditch

**DETAILS OF PAST RELEASES:** Known history of release to ditch



**UNIT NUMBER: AS576-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, fuel, soap, grit, and water**

**SOURCE OF WASTE: Aircraft maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer with stormwater overflow to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS576-AST**

**Roll 8 - Photo 22**

**UNIT NAME:**

**REFERENCE: Don Patton/VSI - page B-99**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: 1975**

**DIMENSIONS/VOLUME: 250 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Used oil storage**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS576-AST

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil, grease, and fuel

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

**UNIT NUMBER: AS-PIT**

**Roll 8 - Photo 23**

**UNIT NAME: Burn Pit**

**REFERENCE: Don Patton/VSI - page B-100**

**A. DESCRIPTION**

**UNIT TYPE: Used fuel UST**

**PERIOD OF OPERATIONS: 3 years**

**DIMENSIONS/VOLUME: 8,000 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

**UNDERLAIN BY:**

**CONCRETE:**

**ASPHALT:**

**GRAVEL:**

**GRASS:**

**SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**

**CLOSE TO SURFACE WATER:**

**IN-GROUND:**

**OUTDOORS: X**

**CLOSE TO DRINKING WATER:**

**ABOVE-GROUND:**

**COVERED:**

**RESIDENCES:**

**BELOW-GROUND: X**

**PURPOSE OF UNIT: Used fuel storage**

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/PHYSICALLY PRESENT:**

**INACTIVE/REMOVED OR DISMANTLED:**

**CLOSED UNDER STATE OR EPA:**

**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: AS-Pit**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE: X  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used jet petroleum No. 5**

**SOURCE OF WASTE: Aircraft defueling**

**DISPOSITION OF WASTE: Burned in fire fighting training pit**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No history of release**



**UNIT NUMBER: AS-Pit-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE: X**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used jet petroleum No. 5, AFFF, and water**

**SOURCE OF WASTE: Fire fighting training exercise**

**DISPOSITION OF WASTE: Burned in fire fighting training pit**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No history of release**

**UNIT NUMBER: AS592-O/W**

**Roll 8 - Photo 24**

**UNIT NAME: Jet Engine Testing**

**REFERENCE: Don Patton/VSI - page B-101**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separation**

**PERIOD OF OPERATIONS: 1993**

**DIMENSIONS/VOLUME: About 10 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS592-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Fuel, oil, and water**

**SOURCE OF WASTE: Jet engine testing**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**                      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to ditch**

**E. RELEASE HISTORY**

<b>PAST RELEASE TO AIR:</b>	<b>VSI NOTED RELEASE TO AIR:</b>
<b>PAST RELEASE TO SOIL/GW: Soil</b>	<b>VSI NOTED RELEASE TO SOIL/GW:</b>
<b>PAST RELEASE TO SW:</b>	<b>VSI NOTED RELEASE TO SW:</b>
<b>PAST RELEASE TO SSG:</b>	<b>VSI NOTED RELEASE TO SSG:</b>

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release, visual signs of dumping oil in unit**

**UNIT NUMBER: AS499-O/W**

**Roll 8 - Photo 25 and Roll 9 - Photo 11**

**UNIT NAME: AS-499**

**REFERENCE: Don Patton/VSI - page B-102 and B-135**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Constructed in 1993**

**DIMENSIONS/VOLUME: About 14 feet by 14 feet**

**MATERIAL OF CONSTRUCTION: Concrete with steel rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Fuel and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS499-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, fuel, and water**

**SOURCE OF WASTE: Jet engine testing**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**                    **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No history of release**

**UNIT NUMBER: AS4159-O/W**

**Roll 8 - Photo 26**

**UNIT NAME: MWSS-272, Marine Aircraft Wing Group 27, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-103**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Since 1975**

**DIMENSIONS/VOLUME: About 2 feet by 2 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS4159-O/W**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil, grease, soap, and water**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS4159-AST**

**Roll 8 - Photo 27**

**UNIT NAME: MWSS-272, Marine Aircraft Wing Group 27, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-103**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Since 1975**

**DIMENSIONS/VOLUME: 55 gallons**

**MATERIAL OF CONSTRUCTION: Sandbags, canvas, and steel container**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS4159-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil and grease**

**SOURCE OF WASTE: Vehicle wash rack**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER: X  
LEVEL CONTROLS:**

**DIKING: X      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Sandbags**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS4158-O/W**

**Roll 8 - Photo 28**

**UNIT NAME: MWSS 272, Marine Aircraft Wing Group 27, 2nd MAW**

**REFERENCE: Don Patton/VSI - page B-104**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Since 1975**

**DIMENSIONS/VOLUME: About 2 feet by 2 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS4158-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES: X**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, fuel, grit, and water**

**SOURCE OF WASTE: Vehicle maintenance from Building AS4158**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**                    **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of releases**



**UNIT NUMBER: AS4158-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Unit is under construction, will store paint waste and battery acid**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: No drains**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No evidence of a release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS143-O/W

**Roll 8 - Photo 30**

**UNIT NAME:** MCAS Fuel Division Supply Department

**REFERENCE:** Don Patton/VSI - page B-106

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator and wash rack

**PERIOD OF OPERATIONS:** Since 1975

**DIMENSIONS/VOLUME:** About 10 feet by 14 feet

**MATERIAL OF CONSTRUCTION:** Concrete with steel rail

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS143-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES: X**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS: X**  
**METALS:**

**PARTICULARS: Oil, fuel, grit, and water**

**SOURCE OF WASTE: Fueling operations and truck parking**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to sewer with stormwater diverted to ditch through PIV**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, used very little**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS119-Rack**

**Roll 8 - Photo 31**

**UNIT NAME: MCAS Base Motor Transportation**

**REFERENCE: Don Patton/VSI - page B-107**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack and grit chamber**

**PERIOD OF OPERATIONS: Since 1975**

**DIMENSIONS/VOLUME: Grit chamber about 6 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Vehicle wash rack**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X (very little use)</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS119-Rack**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: DRMO**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges directly to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS123-O/W

**No Photo**

**UNIT NAME:** MCAS Car Wash

**REFERENCE:** Don Patton/VSI - page B-108

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Since about 1965

**DIMENSIONS/VOLUME:** About 10 feet by 6 feet by 7 feet deep

**MATERIAL OF CONSTRUCTION:** Concrete with steel rail

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS123-O/W

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES: X

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS: X  
METALS:

PARTICULARS: Oil, fuel, grease, soap, grit, and water

SOURCE OF WASTE: Car wash

DISPOSITION OF WASTE: DRMO

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Discharge to sewer with stormwater diverted to ditch

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: AS118-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Unit is self-contained**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release, spillage on asphalt**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS114-AST**

**Roll 8 - Photos 34 and 35**

**UNIT NAME: MCAS Auto Hobby Shop**

**REFERENCE: Don Patton/VSI - page B-111**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Since 1992**

**DIMENSIONS/VOLUME: 550 gallons**

**MATERIAL OF CONSTRUCTION: Steel, self-contained unit with steps**

**UNDERLAIN BY:            CONCRETE:                      ASPHALT: X            GRAVEL:  
   GRASS:                                      SOIL:**

**ENVIRONMENTAL:**

**INDOORS:                      CLOSE TO SURFACE WATER:                      IN-GROUND:  
OUTDOORS: X                      CLOSE TO DRINKING WATER:                      ABOVE-GROUND: X  
COVERED:                      RESIDENCES:                      BELOW-GROUND:**

**PURPOSE OF UNIT: Used oil collection**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                      INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:                      CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: AS114-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used motor oil**

**SOURCE OF WASTE: Private vehicles**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Self-contained unit**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release to asphalt**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: AS320-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Hydraulic oil**

**SOURCE OF WASTE: Flight simulators**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Concrete secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS605-HWA**

**Roll 9 - Photo 1**

**UNIT NAME: MCAS**

**REFERENCE: Don Patton/VSI - page B-113**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day hazardous waste accumulation area**

**PERIOD OF OPERATIONS: Since 1992**

**DIMENSIONS/VOLUME: About 30 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete floor, brick walls, and wood and shingle roof**

**UNDERLAIN BY:            CONCRETE: X            ASPHALT:            GRAVEL:  
                                 GRASS:                                   SOIL:**

**ENVIRONMENTAL:**

**INDOORS: X                                    CLOSE TO SURFACE WATER:                                    IN-GROUND:  
OUTDOORS:                                    CLOSE TO DRINKING WATER:                                    ABOVE-GROUND:  
COVERED:                                    RESIDENCES:                                    BELOW-GROUND:**

**PURPOSE OF UNIT: HW accumulation**

**B. CLOSURE INFORMATION**

**ACTIVE: X                                    INACTIVE/PHYSICALLY PRESENT:  
INACTIVE/REMOVED OR DISMANTLED:                                    CLOSED UNDER STATE OR EPA:  
REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: AS605-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Solvents, antifreeze, and other hazardous waste**

**SOURCE OF WASTE: MCAS generating units**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Self-contained building, a former pesticide building**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release                      To sanitary sewer**

**UNIT NUMBER:** AS605-O/W

**Roll 9 - Photo 1**

**UNIT NAME:** MCAS

**REFERENCE:** Don Patton/VSI - page B-113

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Since 1992

**DIMENSIONS/VOLUME:** About 2 feet by 2 feet

**MATERIAL OF CONSTRUCTION:** Concrete

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT:** Pesticide formulation residue collection

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED: X*</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

\* Oil/Water Separator not being used because drain plugged

**OTHER:**

**UNIT NUMBER: AS605-O/W**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: No wastes are being managed**

**SOURCE OF WASTE: Formerly the pesticide shop**

**DISPOSITION OF WASTE: No wastes are being managed**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Used to discharge to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS605-UST**

**Roll 9 - Photo 1**

**UNIT NAME: MCAS**

**REFERENCE: Don Patton/VSI - page B-113**

**A. DESCRIPTION**

**UNIT TYPE: Used pesticide UST**

**PERIOD OF OPERATIONS: Since 1992**

**DIMENSIONS/VOLUME: 250 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Pesticide formulation residue collection**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS605-UST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Drain plugged in Building 605**

**DISPOSITION OF WASTE: No waste generation or disposal**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: No waste being stored**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: CG1-O/W**

**Roll 9 - Photo 2**

**UNIT NAME: MATCS-28 - Air Traffic Control Squadron**

**REFERENCE: Don Patton/VSI - page B-114**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Since 1987**

**DIMENSIONS/VOLUME: About 9 feet by 6 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: CG1-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil, grease, grit, and water**

**SOURCE OF WASTE: From wash bay by Building CG1**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** CG1-UST

**Roll 9 - Photo 3**

**UNIT NAME:** MATCS-28 - Air Traffic Control Squadron

**REFERENCE:** Don Patton/VSI - page B-114

**A. DESCRIPTION**

**UNIT TYPE:** Used oil UST

**PERIOD OF OPERATIONS:** About 25 years

**DIMENSIONS/VOLUME:** 550 gallons

**MATERIAL OF CONSTRUCTION:** Steel

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT:** Used oil collection

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS: UST</b>	

**OTHER:**

**UNIT NUMBER: CG1-UST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Building CG1**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: AS4158-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Waste oil from AS-4158**

**DISPOSITION OF WASTE: DRMO**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Self-contained unit**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of release, spilled oil on asphalt**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS-Curtis-Ditch

**Roll 9 - Photo 6**

**UNIT NAME:** MCAS

**REFERENCE:** Ind. WW plan/VSI - page B-116

**A. DESCRIPTION**

**UNIT TYPE:** Oil spill containment, skimmer No. 5

**PERIOD OF OPERATIONS:** Since 1980

**DIMENSIONS/VOLUME:** About 15 feet long

**MATERIAL OF CONSTRUCTION:** Plastic

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (in)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Spill containment

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS-Curtis-Ditch**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil spill**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: If spill occurs, it is contained to prevent the spreading**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS: X**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Containment boom floats**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS-Longstaff-Ditch

**Roll 9 - Photo 7**

**UNIT NAME:** MCAS

**REFERENCE:** Ind. WW plan/VSI - page B-117

**A. DESCRIPTION**

**UNIT TYPE:** Oil spill containment, skimmer No. 1

**PERIOD OF OPERATIONS:** Since 1980

**DIMENSIONS/VOLUME:** About 15 feet long

**MATERIAL OF CONSTRUCTION:** Plastic

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (in)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Spill containment

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS-Longstaff-Ditch

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil spill

SOURCE OF WASTE: Air operations

DISPOSITION OF WASTE: If spill occurs, containment is to prevent the release from spreading

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS: X

DIKING:  
OVERFLOW CONTROLS:

SUMPS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Containment boom floats

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release



**UNIT NUMBER: AS3504-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: No longer used**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: No longer used**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: SAS3503-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and fuel**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS: X**

**DIKING: X**      **SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Has float switch to signal high level, tanks have secondary containment**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: SAS3503-O/W**

**Roll 9 - Photo 8**

**UNIT NAME: MCAS**

**REFERENCE: VSI - page B-118**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown, maybe 1980**

**DIMENSIONS/VOLUME: About 20 feet in diameter**

**MATERIAL OF CONSTRUCTION: Concrete with steel rail**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (50 ft)</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: SAS3503-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and water**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS: X**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Has float switch to signal a pump to remove oil**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS3003-Ditch

**Roll 9 - Photo 9**

**UNIT NAME:** MCAS

**REFERENCE:** Ind. WW plan/VSI - page B-119

**A. DESCRIPTION**

**UNIT TYPE:** Oil spill containment, skimmer No. 2

**PERIOD OF OPERATIONS:** Since 1980

**DIMENSIONS/VOLUME:** About 25 feet long

**MATERIAL OF CONSTRUCTION:** Plastic

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (in)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT:** Spill containment

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: AS3003-Ditch**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Oil spill**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: If spill occurs, it is contained to prevent spreading**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS: X**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Containment boom floats**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER:** AS-Primington-Ditch

**Roll 9 - Photo 10**

**UNIT NAME:** MCAS

**REFERENCE:** Ind. WW plan/VSI - page B-120

**A. DESCRIPTION**

**UNIT TYPE:** Oil spill containment, skimmer No. 3

**PERIOD OF OPERATIONS:** Since 1980

**DIMENSIONS/VOLUME:** About 25 feet long

**MATERIAL OF CONSTRUCTION:** Plastic

**UNDERLAIN BY:**

**CONCRETE:**  
**GRASS:**

**ASPHALT:**  
**SOIL: X**

**GRAVEL:**

**ENVIRONMENTAL:**

**INDOORS:**

**OUTDOORS: X**

**COVERED:**

**CLOSE TO SURFACE WATER: X (in)**

**CLOSE TO DRINKING WATER:**

**RESIDENCES:**

**IN-GROUND:**

**ABOVE-GROUND:**

**BELOW-GROUND:**

**PURPOSE OF UNIT:** Spill containment

**B. CLOSURE INFORMATION**

**ACTIVE: X**

**INACTIVE/REMOVED OR DISMANTLED:**

**REGULATORY STATUS:**

**INACTIVE/PHYSICALLY PRESENT:**

**CLOSED UNDER STATE OR EPA:**

**OTHER:**

**UNIT NUMBER: AS-Primington-Ditch**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil spill**

**SOURCE OF WASTE: Air operations**

**DISPOSITION OF WASTE: If spill occurs, it is contained to prevent spreading**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS: X**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Containment boom floats**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: AS5020-Ditch**

**Roll 9 - Photo 12**

**UNIT NAME: MCAS**

**REFERENCE: Ind. WW plan/VSI - page B-122**

**A. DESCRIPTION**

**UNIT TYPE: Oil spill containment, skimmer No. 4**

**PERIOD OF OPERATIONS: Since 1980**

**DIMENSIONS/VOLUME: About 15 feet long**

**MATERIAL OF CONSTRUCTION: Plastic**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER: X (in)</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Spill containment**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: AS5020-Ditch

**C. WASTE MANAGED**

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil spill

SOURCE OF WASTE: Air operations

DISPOSITION OF WASTE: If spill occurs, it is contained prevent spreading

**D. RELEASE CONTROLS**

LINER:  
LEVEL CONTROLS: X

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Containment boom floats

**E. RELEASE HISTORY**

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: STC874-O/W**

**Roll 9 - Photo 13**

**UNIT NAME: DRMO**

**REFERENCE: VSI - page B-123**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator, grit chamber, and stormwater bypass chamber**

**PERIOD OF OPERATIONS: Since 1980**

**DIMENSIONS/VOLUME: Oil/water separator is about 14 feet by 9 feet by 8 feet**

**MATERIAL OF CONSTRUCTION: Concrete with metal grate**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND: X</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: STC874-O/W**

**C. WASTE MANAGED**

**SOLIDS: X  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS: X  
METALS:**

**PARTICULARS: Oil, grease, soap, grit, and water**

**SOURCE OF WASTE: Heavy-equipment maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:  
OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer with stormwater bypassing to ditch**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: STC868-Rack**

**Roll 9 - Photo 14**

**UNIT NAME: DRMO**

**REFERENCE: VSI - page B-123**

**A. DESCRIPTION**

**UNIT TYPE: Grease rack with POL release beside it**

**PERIOD OF OPERATIONS: Rack since 1980, release - less than a day**

**DIMENSIONS/VOLUME: One- to five-gallon release**

**MATERIAL OF CONSTRUCTION: None**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Vehicle maintenance**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: STC868-Rack**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Hydraulic fluid**

**SOURCE OF WASTE: Heavy-equipment maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW: X  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: Visual evidence of hydraulic oil release**

**DETAILS OF PAST RELEASES: No known history of release**



**UNIT NUMBER: STC872-Pile**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: POL-contaminated soil**

**SOURCE OF WASTE: Spills at MCAS**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: X          SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Area is diked to prevent stormwater run-on or run-off**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release, strong POL smell**

**DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells were formerly used at grease rack**



**UNIT NUMBER: TC811-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and water**

**SOURCE OF WASTE: Gun cleaning**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: SM264-Rack**

**Roll 9 - Photo 17**

**UNIT NAME: Unknown**

**REFERENCE: VSI - page B-125**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 50 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Wash rack**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: SM264

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil and water

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Ditch

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: M105-Rack**

**Roll 9 - Photo 18**

**UNIT NAME: Unknown**

**REFERENCE: VSI - page B-126**

**A. DESCRIPTION**

**UNIT TYPE: Wash rack**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About 25 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Wash rack**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: M105-Rack

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Oil and water

SOURCE OF WASTE: Vehicle washing

DISPOSITION OF WASTE: Ditch

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: None

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: SA45-O/W**

**Roll 9 - Photo 22**

**UNIT NAME: 2nd Assault Amphibious Bn, 2nd Marine Division**

**REFERENCE: Ind. WW plan/VSI - page B-127**

**A. DESCRIPTION**

**UNIT TYPE: Oil/water separator**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: Unknown**

**MATERIAL OF CONSTRUCTION: Concrete with concrete cover and manholes**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Oil and water separation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: SA45-O/W**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Oil and water**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 45-Pond**

**Roll 9 - Photos 19 and 20**

**UNIT NAME: MCB**

**REFERENCE: Ind. WW plan/VSI - page B-128**

**A. DESCRIPTION**

**UNIT TYPE: Spill containment pond**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: About an acre**

**MATERIAL OF CONSTRUCTION: Earth**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: Uncovered</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Collected oil and water**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 45-Pond**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS:  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: No longer used**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: No longer used**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: No longer used**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells are in the area**

**UNIT NUMBER: 45-AST-2**

**Roll 9 - Photo 21**

**UNIT NAME: MCB**

**REFERENCE: Ind. WW plan/VSI - page B-129**

**A. DESCRIPTION**

**UNIT TYPE: Used oil AST**

**PERIOD OF OPERATIONS: Since 1980**

**DIMENSIONS/VOLUME: 500 gallons**

**MATERIAL OF CONSTRUCTION: Steel in concrete vault beneath grease rack**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND: X</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Collects oil**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 45-AST-2

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Used oil

SOURCE OF WASTE: Vehicle maintenance

DISPOSITION OF WASTE: EMD recycling center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING: SUMPS: X  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Tank is vaulted

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells are in the area

**UNIT NUMBER: BB161-UST**

**Roll 9 - Photos 23 and 24**

**UNIT NAME: MCB**

**REFERENCE: Ind. WW plan/VSI - page B-130**

**A. DESCRIPTION**

**UNIT TYPE: Used oil UST**

**PERIOD OF OPERATIONS: Since 1980**

**DIMENSIONS/VOLUME: 500 gallons**

**MATERIAL OF CONSTRUCTION: Steel**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND: X</b>

**PURPOSE OF UNIT: Collects oil**

**B. CLOSURE INFORMATION**

<b>ACTIVE:</b>	<b>INACTIVE/PHYSICALLY PRESENT: X</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: BB161-UST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING:**  
**OVERFLOW CONTROLS:**

**SUMPS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: None**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells are in the area**



**UNIT NUMBER: BB190-Backwash**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES: X**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS:  
INORGANICS:  
METALS:**

**PARTICULARS: Grit and water**

**SOURCE OF WASTE: Water treatment**

**DISPOSITION OF WASTE: MCB**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells are in the area**



**UNIT NUMBER: BB177-AST**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Used oil**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Tank is self-contained**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release, groundwater monitoring wells are in the area**

**UNIT NUMBER:** AS141-O/W  
**UNIT NAME:** MCAS Fuel Farm  
**REFERENCE:** VSI - page B-133

**No Photo**

**A. DESCRIPTION**

**UNIT TYPE:** Oil/water separator

**PERIOD OF OPERATIONS:** Unknown

**DIMENSIONS/VOLUME:** Unspecified

**MATERIAL OF CONSTRUCTION:** Concrete

**UNDERLAIN BY:**            **CONCRETE:**                    **ASPHALT:**                    **GRAVEL:**  
   **GRASS:**                                    **SOIL: X**

**ENVIRONMENTAL:**

**INDOORS:**                                    **CLOSE TO SURFACE WATER:**                                    **IN-GROUND: X**  
**OUTDOORS: X**                                    **CLOSE TO DRINKING WATER:**                                    **ABOVE-GROUND:**  
**COVERED:**                                    **RESIDENCES:**                                    **BELOW-GROUND:**

**PURPOSE OF UNIT:** Oil and water separation

**B. CLOSURE INFORMATION**

**ACTIVE: X**                                    **INACTIVE/PHYSICALLY PRESENT:**  
**INACTIVE/REMOVED OR DISMANTLED:**                                    **CLOSED UNDER STATE OR EPA:**  
**REGULATORY STATUS:**

**OTHER:**

**UNIT NUMBER: AS141-O/W**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Fuel and water**

**SOURCE OF WASTE: Fuel farm**

**DISPOSITION OF WASTE: EMD recycling center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING:                      SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Discharges to sewer**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: 907-HWA**

**Roll 10 - Photo 3**

**UNIT NAME: Medlog, 2nd Supply Battalion, 2nd FSSG**

**REFERENCE: VSI - page B-134**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day H.W. accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 10 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste accumulation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

UNIT NUMBER: 907-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Acids, flammables, DS2, etc.

SOURCE OF WASTE: Supply

DISPOSITION OF WASTE: EMD H.W. center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING:                      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Inside building

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**UNIT NUMBER: 915-HWA**

**Roll 10 - Photo 5**

**UNIT NAME: H&S Company, PP&P, 2nd Supply Battalion, 2nd FSSG**

**REFERENCE: VSI - page B-135**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day H.W. accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 10 feet by 25 feet**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE: X</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL:</b>	

**ENVIRONMENTAL:**

<b>INDOORS: X</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS:</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED:</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste accumulation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: 915-HWA**

**C. WASTE MANAGED**

**SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:**

**CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:**

**ORGANICS: X  
INORGANICS:  
METALS:**

**PARTICULARS: Expired materials**

**SOURCE OF WASTE: Supply**

**DISPOSITION OF WASTE: EMD H.W. center**

**D. RELEASE CONTROLS**

**LINER:  
LEVEL CONTROLS:**

**DIKING: SUMPS:  
OVERFLOW CONTROLS:**

**IND. SEWER:  
LEAK DETECTION:**

**DETAILS: Inside building**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

**UNIT NUMBER: SF97-HWA-AST**

**Roll 10 - Photo 6**

**UNIT NAME: MSSG-22, 2nd FSSG**

**REFERENCE: VSI - page B-136**

**A. DESCRIPTION**

**UNIT TYPE: < 90-day H.W. accumulation area**

**PERIOD OF OPERATIONS: Unknown**

**DIMENSIONS/VOLUME: 15 feet by 45 feet and 500 gallons**

**MATERIAL OF CONSTRUCTION: Concrete**

<b>UNDERLAIN BY:</b>	<b>CONCRETE:</b>	<b>ASPHALT:</b>	<b>GRAVEL:</b>
	<b>GRASS:</b>	<b>SOIL: X</b>	

**ENVIRONMENTAL:**

<b>INDOORS:</b>	<b>CLOSE TO SURFACE WATER:</b>	<b>IN-GROUND:</b>
<b>OUTDOORS: X</b>	<b>CLOSE TO DRINKING WATER:</b>	<b>ABOVE-GROUND:</b>
<b>COVERED: X</b>	<b>RESIDENCES:</b>	<b>BELOW-GROUND:</b>

**PURPOSE OF UNIT: Hazardous waste and use oil accumulation**

**B. CLOSURE INFORMATION**

<b>ACTIVE: X</b>	<b>INACTIVE/PHYSICALLY PRESENT:</b>
<b>INACTIVE/REMOVED OR DISMANTLED:</b>	<b>CLOSED UNDER STATE OR EPA:</b>
<b>REGULATORY STATUS:</b>	

**OTHER:**

**UNIT NUMBER: SF97-HWA-AST**

**C. WASTE MANAGED**

**SOLIDS:**  
**LIQUIDS: X**  
**GASES:**  
**SLUDGES:**

**CORROSIVE:**  
**FLAMMABLE:**  
**REACTIVE:**  
**EP TOXIC:**

**ORGANICS: X**  
**INORGANICS:**  
**METALS:**

**PARTICULARS: Fuel and water**

**SOURCE OF WASTE: Vehicle maintenance**

**DISPOSITION OF WASTE: EMD H.W. center**

**D. RELEASE CONTROLS**

**LINER:**  
**LEVEL CONTROLS:**

**DIKING: SUMPS:**  
**OVERFLOW CONTROLS:**

**IND. SEWER:**  
**LEAK DETECTION:**

**DETAILS: Self-contained**

**E. RELEASE HISTORY**

**PAST RELEASE TO AIR:**  
**PAST RELEASE TO SOIL/GW:**  
**PAST RELEASE TO SW:**  
**PAST RELEASE TO SSG:**

**VSI NOTED RELEASE TO AIR:**  
**VSI NOTED RELEASE TO SOIL/GW:**  
**VSI NOTED RELEASE TO SW:**  
**VSI NOTED RELEASE TO SSG:**

**VSI NOTED RELEASE CONDITIONS: No visual evidence of release**

**DETAILS OF PAST RELEASES: No known history of release**

UNIT NUMBER: AS4117-HWA

Roll 10 - Photo 8

UNIT NAME: HMM 162, MAG-29, 2nd Marine Aircraft Wing

REFERENCE: VSI - page B-137

**A. DESCRIPTION**

UNIT TYPE: < 90-day H.W. accumulation area

PERIOD OF OPERATIONS: Unknown

DIMENSIONS/VOLUME: 15 feet by 25 feet

MATERIAL OF CONSTRUCTION: Concrete

UNDERLAIN BY:	CONCRETE: X	ASPHALT:	GRAVEL:
	GRASS:	SOIL:	

**ENVIRONMENTAL:**

INDOORS: X	CLOSE TO SURFACE WATER:	IN-GROUND:
OUTDOORS:	CLOSE TO DRINKING WATER:	ABOVE-GROUND:
COVERED:	RESIDENCES:	BELOW-GROUND:

PURPOSE OF UNIT: Hazardous waste accumulation

**B. CLOSURE INFORMATION**

ACTIVE: X	INACTIVE/PHYSICALLY PRESENT:
INACTIVE/REMOVED OR DISMANTLED:	CLOSED UNDER STATE OR EPA:
REGULATORY STATUS:	

OTHER:

UNIT NUMBER: AS4117-HWA

C. WASTE MANAGED

SOLIDS:  
LIQUIDS: X  
GASES:  
SLUDGES:

CORROSIVE:  
FLAMMABLE:  
REACTIVE:  
EP TOXIC:

ORGANICS: X  
INORGANICS:  
METALS:

PARTICULARS: Solvent, oil and grease

SOURCE OF WASTE: Aircraft maintenance

DISPOSITION OF WASTE: EMD H.W. center

D. RELEASE CONTROLS

LINER:  
LEVEL CONTROLS:

DIKING:                      SUMPS:  
OVERFLOW CONTROLS:

IND. SEWER:  
LEAK DETECTION:

DETAILS: Inside building

E. RELEASE HISTORY

PAST RELEASE TO AIR:  
PAST RELEASE TO SOIL/GW:  
PAST RELEASE TO SW:  
PAST RELEASE TO SSG:

VSI NOTED RELEASE TO AIR:  
VSI NOTED RELEASE TO SOIL/GW:  
VSI NOTED RELEASE TO SW:  
VSI NOTED RELEASE TO SSG:

VSI NOTED RELEASE CONDITIONS: No visual evidence of release

DETAILS OF PAST RELEASES: No known history of release

**APPENDIX B**  
**PHOTOGRAPHS**

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
Blank	1-1			
A47-HWA	1-2	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area
SA42-O/W	1-3	Near Bldg. A-47	2nd Amphibious Assault Battalion	Oil/Water Separator
A47-O/W-1	1-4	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator
A47-O/W-2	1-5	Near Bldg. A-47	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator
SFC268-O/W	1-6	Near Bldg. FC 263	Supply Battalion, 2nd FSSG	Oil/Water Separator
SFC233-HWA	1-7	Near Bldg. FC 263	Supply Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
SFC234-HWA	1-8	Near Bldg. FC 263	2nd Medical Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
Blank	1-9			
FC238-HWA	1-10	Near Bldg. FC 255	H&S Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC255-O/W	1-11	Near Bldg. FC 255	H&S Battalion, 2nd FSSG	Oil/Water Separator
Blank	1-12			
SFC283-HWA	1-13	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
SFC282-HWA	1-14	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC280-O/W	1-15	Near Bldg. FC 280	Maintenance Battalion, 2nd FSSG	Oil/Water Separator
FC281-O/W	1-16	Near Bldg. FC 281	Maintenance Battalion, 2nd FSSG	Oil/Water Separator
FC285-AST	1-17	Near Bldg. FC 285	Maintenance Battalion, 2nd FSSG	Used Oil AST
FC285-HWA	1-17	Near Bldg. FC 285	Maintenance Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
SFC37-HWA	1-18	Near Bldg. FC 40	Motor Transport, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC40-O/W	1-19	Near Bldg. FC 40	Motor Transport, 2nd FSSG	Oil/Water Separator
SFC46-HWA	1-20	Near Bldg. FC 45	Operation Readiness Float, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC45-O/W	1-21	Near Bldg. FC 45	Operation Readiness Float, 2nd FSSG	Oil/Water Separator
FC51-HWA	1-22	Near Bldg. FC 51	Electronics Maintenance Company, 2nd FSSG	< 90 Day H.W. Accumulation Area

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
FC51-O/W	1-22	Near Bldg. FC 51	Electronics Maintenance Company, 2nd FSSG	Oil/Water Separator
1601-HWA	1-23	Near Bldg. 1601	Motor Transport Maintenance, 2nd FSSG	< 90 Day H.W. Accumulation Area
902-HWA	1-24/ 25	Btwn. Bldg. 902/910	Engineer Maintenance Company, 2nd FSSG	< 90 Day H.W. Accumulation Area
902-AST	1-24/ 25	Near Bldg. 902	8th Engineers, 2nd FSSG	Used Oil AST
816-O/W	1-26/ 27	Near Bldg. 816	8th Engineers, 2nd FSSG	Oil/Water Separator
GP190-O/W	1-28/ 29	Near Bldg. GP 19	8th Engineers, 2nd FSSG	Oil/Water Separator
739-O/W	1-30	Near Bldg. 739	8th Engineers, 2nd FSSG	Oil/Water Separator
SFC221-HWA	1-31	Btwn. Bldg. GP 20/FC 200	8th Engineers, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC200-O/W	1-32	Near Bldg. FC 200	8th Engineers, 2nd FSSG	Oil/Water Separator
FC120-HWA	1-33	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC120-O/W	1-34	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	Oil/Water Separator
SFC145-HWA	1-35	Near Bldg. FC 120	Land Support Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC134-O/W	1-36	Near Bldg. FC 134	Land Support Battalion, 2nd FSSG	Oil/Water Separator
FC134-HWA	1-37	Near Bldg. FC 134	Land Support Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
FC270-O/W	2-1	Near Bldg. FC 270	8th Motor Transport, 2nd FSSG	Oil/Water Separator
SFC279-HWA	2-2	Near Bldg. FC 270	8th Motor Transport, 2nd FSSG	< 90 Day H.W. Accumulation Area
1203-O/W	2-3	Btwn. Bldg. 1203/1204	MCB Maintenance	Oil/Water Separator
1105-O/W	2-4	Btwn. Bldg. 1104/1105	MCB Maintenance	Oil/Water Separator
1102/1131-HWA	2-5	Near Bldg. 1102	MCB Maintenance	< 90 Day H.W. Accumulation Area
1700-O/W-1	2-6	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator
1700-O/W-2	2-7	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator
S1735-O/W	2-8/9	Near Bldg. 1700	MCB Maintenance	Oil/Water Separator
738-O/W	2-10	Near Bldg. 738	MCB Maintenance	Oil/Water Separator

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
45-HWA	2-11	Near Bldg. 45	MCB Maintenance	< 90 Day H.W. Accumulation Area
SLCH785-Basin	2-12	Bldg. SLCH785	MCB Maintenance	Spill containment Basin
S792-O/W	2-13	Near Bldg. 45	MCB Maintenance	Oil/Water Separator
Blank	2-14			
1403-HWA	2-15	Near Bldg. 1410	Training and Support Division	< 90 Day H.W. Accumulation Area
S1762-HWA	2-16	Near Bldg. 1765	Morale, Welfare, and Recreation	< 90 Day H.W. Accumulation Area
TC773-O/W	2-17	Near Bldg. TC 773	School of Infantry	Oil/Water Separator
TC773-HWA	2-18	Near Bldg. TC 773	School of Infantry	< 90 Day H.W. Accumulation Area
TC777-O/W	2-19	Near Bldg. TC 774	School of Infantry	Oil/Water Separator
G694-O/W-Rack	2-20/ 21/22	Near Bldg. G 650	MCB Maintenance	Oil/Water Separator
AS415-Basin	2-23	AS4151	MCB Maintenance	Spill Containment Basin
137-Basin	2-24	Bldg. SAS137	Marine Corps Air Station	Spill Containment Basin
M628-O/W	2-25	Near Bldg. M 625	MCB Maintenance	Oil/Water Separator
RR62-HWA	2-26	Near Bldg. RR 62	Rifle Range	< 90 Day H.W. Accumulation Area
SRR80-O/W	2-27	Near Bldg. RR 62	Rifle Range	Oil/Water Separator
RR15-O/W-1	2-28	Near Bldg. RR 15	MCB Maintenance	Oil/Water Separator
RR15-O/W-2	2-29	Near Bldg. RR 15	MCB Maintenance	Oil/Water Separator
M178-HWA	2-30	Near Bldg. M 178	Field Medical Services	< 90 Day H.W. Accumulation Area
Blank	2-31 to 36			
Blank	3-1			
FC230-O/W-2	3-2	Near Bldg. FC 230	8th Communication Battalion, 2nd SRIG	Oil/Water Separator
SFC235-HWA	3-3	Near Bldg. FC 230	8th Communication Battalion, 2nd SRIG	< 90 Day H.W. Accumulation Area
1605-HWA-1	3-4	Near Bldg. 1605	8th Communication Battalion (Alpha Co-Radio), 2nd SRIG	< 90 Day H.W. Accumulation Area

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
1605-HWA-2	3-5	Near Bldg. 1605	8th Communication Battalion (MagTaf), 2nd SRIG	< 90 Day H.W. Accumulation Area
S1619-O/W	3-6	Btwn. Bldg. 1604/1605	8th Communication Battalion, 2nd SRIG	Oil/Water Separator
1604-HWA	3-7	Near Bldg. 1604	8th Communication Battalion, 2nd SRIG	< 90 Day H.W. Accumulation Area
1771-HWA-AST	3-8	Near Bldg. 1771	Headquarters & Service Company, 2nd Marine Expeditionary Forces	< 90 Day H.W. Accumulation Area
SFC237-HWA	3-9	Near Bldg. FC 251	2nd Anglico, 2nd SRIG	< 90 Day H.W. Accumulation Area
FC251-O/W	3-10	Near Bldg. FC 251	2nd Anglico, 2nd SRIG	Oil/Water Separator
1747-O/W-1	3-11	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	Oil/Water Separator
1747-O/W-2	3-12	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	Oil/Water Separator
FC365-HWA	3-13	Near Bldg. FC 365	2nd Radio Battalion, 2nd SRIG	< 90 Day H.W. Accumulation Area
SFC244-O/W	3-14	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	Oil/Water Separator
SFC236-HWA	3-15	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	< 90 Day H.W. Accumulation Area
FC241-AST	3-15	Near Bldg. FC 241	2nd Radio Battalion (Motor Transport), 2nd SRIG	Used Oil AST
S1746-HWA	3-16	Near Bldg. 1747	2nd Unmanned Aerial Vehicle, 2nd SRIG	< 90 Day H.W. Accumulation Area
1827-HWA-1	3-17	Bldg. 1827 (Bay #1)	Intelligence Company, 2nd SRIG	< 90 Day H.W. Accumulation Area
1827-HWA-2	3-18	Bldg. 1827 (In Bay #5)	Intelligence Company, 2nd SRIG	< 90 Day H.W. Accumulation Area
SM632-O/W	3-19	Near Bldg. M 625	Base Maintenance	Oil/Water Separator
M107-O/W-1	3-20	Near Bldg. M 107	Motor Transport School Company.	Oil/Water Separator
M107-O/W-2	3-21	Near Bldg. M 107	Motor Transport School Company.	Oil/Water Separator
SM269-Basin	3-22	Near Bldg. M 200	Unknown	Spill Containment Basin
1860-O/W	3-23	Near Bldg. 1860	Communication Company, Headquarters Battalion, 2D Marine Division	Oil/Water Separator
S1892-HWA	3-24	Bldg. S1892	Communication Company, Headquarters Battalion, 2D Marine Division	< 90 Day H.W. Accumulation Area
1780-HWA	3-25	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	< 90 Day H.W. Accumulation Area

Table B-1 Photo Log				
Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
1780-O/W-1	3-26	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator
1780-UST-1	3-26	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Used Oil AST
1780-O/W-2	3-27	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator
1780-UST-2	3-28	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Used Oil UST
1780-O/W-3	3-29	Near Bldg. 1780	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator
Blank	3-30 to 36			
Blank	4-1			
S1745-O/W	4-2	Near Bldg. 1710	Truck Company Maintenance, Headquarters Battalion, 2D Marine Division	Oil/Water Separator
728-AST	4-3	Near Bldg. 728	Marina Gottschalk	Used Oil AST
1601-AST	4-4	Near Bldg. 1601	2nd FSSG	Used Oil AST
1601-O/W	4-5	Near Bldg. 1607	Unknown	Oil/Water Separator
1700-Pond-A	4-6	Near Bldg. 1700	MCB Maintenance	Coal Water Settling Pond
1700-Basin-B	4-7	Near Bldg. 1700	Base Maintenance	Spill containment basin
FC19-Rack	4-8	Bldg. FC19	Unknown	Wash Rack
S1836-HWA	4-9	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	< 90 Day H.W. Accumulation Area
1829-O/W-1	4-10	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	Oil/Water Separator
1829-O/W-2	4-11	Near Bldg. 1829	6th Marines Regiment, 2nd Marine Division	Oil/Water Separator
P804-O/W-1	4-12	Near Bldg. 804	Unknown	Oil/Water Separator
P804-O/W-2	4-13	Near Bldg. 804	Unknown	Oil/Water Separator
FC285-O/W	4-14	Near Bldg. 285	Unknown	Oil/Water Separator
SFC284-HWA	4-15	Near Bldg. 285	Unknown	< 90 Day H.W. Accumulation Area
Blank	4-16 to 36			
S1854-HWA	5-1	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
S1854-O/W-1	5-2	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Oil/Water Separator and Wash Rack
S1854-O/W-2	5-3	Near Bldg. 1854	2nd Tank Battalion, 2nd Marine Division	Oil/Water Separator
1205-AST	5-4	Near Bldg. 1205	H&S Company, 2nd Marine Expeditionary Forces	Used oil AST
1205-HWA	5-4	Near Bldg. 1205	H&S Company, 2nd Marine Expeditionary Forces	< 90 Day H.W. Accumulation Area
H36-HWA	5-5	Near Bldg. H36	Engineering Maintenance Section, 2nd Marine Expeditionary Forces	< 90 Day H.W. Accumulation Area
H36-AST	5-5	Near Bldg. H36	Engineering Maintenance Section, 2nd Marine Expeditionary Forces	Used Oil AST
BB51-O/W	5-6	Near Bldg. BB 51	MC Engineering School	Oil/Water Separator
BB150-O/W	5-7	Near Bldg. BB 150	MC Engineering School	Oil/Water Separator
BB51-HWA	5-8	Near Bldg. BB 51	MC Engineering School	< 90 Day H.W. Accumulation Area
BB51-AST	5-9	Near Bldg. BB 51	MC Engineering School	Used Oil AST
BB52-O/W-2	5-10	Near Bldg. BB 52	MC Engineering School	Oil/Water Separator
SBB135-HWA	5-11	Near Bldg. BB 52	MC Engineering School	< 90 Day H.W. Accumulation Area
SBB169-O/W	5-12	Near Bldg. BB 52	MC Engineering School	Oil/Water Separator and Wash Rack
SBB169-AST	5-13	Near Bldg. BB 52	MC Engineering School	Used Oil AST
SBB241-O/W	5-14	Near Bldg. BB 241	MC Engineering School	Oil/Water Separator
BB293-O/W	5-15	Near Bldg. BB 293	MC Engineering School	Oil/Water Separator
HP100-O/W	5-16	Near Bldg. HP 100	Motor T, 8th Marine Regiment, 2nd Marine Division	Oil/Water Separator
HP100-HWA	5-17/ 18	Near Bldg. HP 100	8th Marine Regiment, 2nd Marine Division	< 90 Day H.W. Accumulation Area
HP100-UST	5-19	Near Bldg. HP 100	Motor T, 8th Marine Regiment, 2nd Marine Division	Used Oil UST
Blank	5-20			
1450-HWA	5-21	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	< 90 Day H.W. Accumulation Area
1450-O/W-1	5-22	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator
1450-O/W-2	5-23	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and Wash Rack

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
034 Ditch	5-24	Near Bldg. 1450	5/10th Artillery Battalion, 10th Marine Regiment, 2nd Marine Division	Outfall Ditch #034
BB224-Pile	5-25	Near Bldg. BB 224	Unknown	Soil Pile
BB9-O/W	5-26	Near Bldg. BB 9	MCB Steam Plant	Oil/Water Separator
BB9-Basin	5-27	Near Bldg. BB 9	MCB Steam Plant	Spill Containment Basin
2611-Container	5-28	Near Bldg. 2611	MCB Parking Lot	Drums
HP250-O/W	5-29	Near Bldg. HP 250	2nd Marine Division	Oil/Water Separator
HP250-HWA	5-30	Near Bldg. HP 250	2nd Marine Division	< 90 Day H.W. Accumulation Area
HP250-AST	5-30	Near Bldg. HP 250	2nd Marine Division	Used Oil AST
HP250-O/W-2	5-31	Near Bldg. HP 250	32nd Communication, 2nd Marine Division	Oil/Water Separator
H118-O/W	5-32	Near Bldg. NH 118	Naval Hospital	Oil/Water Separator
NH118-HWA	5-33	In Bldg. NH 118	Naval Hospital	< 90 Day H.W. Accumulation Area
2615-O/W	5-34	Near Bldg. 2615	MCB O' Club	Oil/Water Separator
PT33-Pond-O/W	5-35	Grease Pit	MCB	Grease Pit and Oil/Water Separator
PT33-Pile	5-36	Near Grease Pit	MCB	Soil Pile
M119-O/W	6-1	Near Bldg. M 119	Marine Corps Support Services School Group	Oil/Water Separator
SM93-HWA	6-2	Near Bldg. M 119	Marine Corps Support Services School Group	< 90 Day H.W. Accumulation Area
M144-HWA-AST	6-3	Near Bldg. M 144	Marine Corps Support Services School Group	< 90 Day H.W. Accumulation Area /Used Oil AST
M90-HWA	6-4	Near Bldg. M 90	Marine Corps Support Services School Group	< 90 Day H.W. Accumulation Area
SM187-O/W	6-5/6	Near Bldg. M 90	Marine Corps Support Services School Group	Oil/Water Separator
1805-HWA	6-7	Near Bldg. 1808	2nd Combat Engineer Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area
1859-O/W	6-8/9	Near Bldg. 1808	2nd Combat Engineer Battalion, 2nd Marine Division	Oil/Water Separator
1895-HWA-1	6-10	In Bldg. 1895	2nd Combat Engineer Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area
1895-HWA-2	6-11	In Bldg. 1895	2nd Combat Engineer Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
1041-HWA	6-12	Near Bldg. 1041	MCB Brig Company	< 90 Day H.W. Accumulation Area
908-HWA	6-13	Near Bldg. 908	Logistic	< 90 Day H.W. Accumulation Area
961-O/W	6-14	MCB Fuel Farm Near Bldg. 924	Logistic	Oil/Water Separator
1407/1408-O/W	6-15	Near Bldg. 1408	Logistic	Oil/Water Separator, Grit Chamber and Wash Rack
1502-O/W-1	6-16/ 17	Near Bldg. 1502	Logistic	Oil/Water Separator and Grit Chamber
1502-HWA	6-18	In Bldg. 1502	Logistic	< 90 Day H.W. Accumulation Area
TC364-Basin	6-19	Near Bldg. TC 364	Logistic	Spill Containment Basin
AS118-O/W	6-20	Near Bldg. AS 118	Logistic	Oil/Water Separator, SDB, and Grit Chamber
AS22-O/W	6-21	Near Bldg. SA 22	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator
AS22-Pile	6-22	Near Bldg. SA 22	2nd Amphibious Assault Battalion, 2nd Marine Division	Soil Pile
SA16-O/W	6-23	Near Bldg. A 8	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator and Wash Rack
SA36-O/W	6-24	Near Bldg. A 8	2nd Amphibious Assault Battalion, 2nd Marine Division	Oil/Water Separator, Grit Chamber and Wash Rack
A1-HWA	6-25	Near Bldg. A 1	2nd Amphibious Assault Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area
A1-Rack	6-26	Near Bldg. A 1	2nd Amphibious Assault Battalion, 2nd Marine Division	Wash Rack
Blank	6-27			
ST32-Pile	6-28	Near Bldg. ST 32	MCB Maintenance	Soil Pile
TT2453-Release	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarawa Terrace	Land Unit
TT2453-AST	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarawa Terrace	Used Oil AST
TT2453-HWA	6-29	Near Bldg. TT 2453	MCB Auto Hobby Tarawa Terrace	< 90 Day H.W. Accumulation Area
BA130-O/W	6-30	Near Bldg. BA 130	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division	Oil/Water Separator, Grit Chamber, Wash Rack & Tile Field
BA130-HWA	6-31	Near Bldg. BA 130	Motor T - 2nd Reconnaissance Battalion, 2nd Marine Division	< 90 Day H.W. Accumulation Area

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
1053-O/W	6-32	Near Bldg. 1053	Morale, Welfare, and Recreation Car Wash	Oil/Water Separator
S1001-Basin	6-33	Near Bldg. S 1001	MCB Rail Head	Spill Containment Basin
S1132-O/W	6-34	Near Bldg. S 1132	Unknown	Oil/Water Separator and SDB
1502-O/W-2	6-35	Near Bldg. 1502	Logistic	Oil/Water Separators (4)
1610-O/W	6-36/ 37	Near Bldg. 1610	MCB Auto Shop	Oil/Water Separator
Blank	7-1			
540-Backwash	7-2	Near Bldg. 540	MCB Pool	Backwash Basin
236-Backwash	7-3	Near Bldg. 236	MCB Pool	Backwash Basin
25-O/W	7-4	Near Bldg. 25	MCB Dry Cleaners	Oil/Water Separator, SDB, and Grit Chamber
43-AST	7-5	Near Bldg. 43	MCB Security	Used Oil AST
1014-Container	7-6/7	Near Bldg. 1014	MCB Former PCB Storage Yard	Drum Storage
S947-Pile	7-8/9	Near Bldg. S 947	MCB Recycling Center	Soil Pile
S947-O/W	7-10/ 11	Near Bldg. S 946	MCB Recycling Center	Oil/Water Separator and Wash Rack
S946-AST	7-12	Near Bldg. S 947	MCB Recycling Center	Used Oil ASTs
946-UST	7-13	Near Bldg. S 946	MCB Recycling Center	Used Oil USTs
S947-Container	7-14	Near Bldg. S 947	MCB Recycling Center	Roll Off Containers
913-AST	7-15	Near Bldg. 913	MCB Recycling Center	Used Oil AST
HWSF	7-16	Bldg. TP 451	MCB Hazardous Waste Storage Facility	Long-term Hazardous Waste Storage
HWSF	7-17	Bldg. TP 463	MCB Hazardous Waste Storage Facility	Long-term Hazardous Waste Storage
TP45-AST	7-18	Near Bldg. TP 455	MCB Truck Driving School	Used Oil AST
TP45-Rack	7-19	Near Bldg. STP 462	MCB Truck Driving School	Wash Rack
1916-O/W	7-20	Near Bldg. 1916	MCB Golf Course	Oil/Water Separator, Grit Chamber, Wash Rack and Tile Field
1775-HWA	7-21	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	< 90 Day H.W. Accumulation Area
1775-O/W-UST	7-22	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and UST

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
1775-UST	7-23/ 24/25	Near Bldg. 1775	1st/2nd/3rd BN-Maintenance, 10th Marine Regiment, 2nd Marine Division	Used Oil UST (3)
1445-O/W	7-26	Near Bldg. 1445	Communication, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator, Grit Chamber and Wash Rack
1343-O/W	7-27	Near Bldg. 1343	HQ Motor T, 10th Marine Regiment, 2nd Marine Division	Oil/Water Separator and Wash Rack
1327/1343-HWA	7-28	Near Bldg. 1343/1327	HQ Motor T, 10th Marine Regiment, 2nd Marine Division	90 Day H.W. Accumulation Point
1323-UST	7-29	Near Bldg. 1323	HQ Battery-Motor T, 10th Marine Regiment, 2nd Marine Division	Used Oil UST
1106/1107-AST	7-30	Near Bldg. 1106/1107	Motor T Auto Hobby	Used Oil AST
1106/1107-UST	7-31	Near Bldg. 1106/1107	Motor T Auto Hobby	Used Oil UST
1106/1107-O/W	7-32	Near Bldg. 1106/1107	Motor T Auto Hobby	Oil/Water Separator and Wash Rack
1205/1206-O/W	7-33	Near Bldg. 1205/1206	Motor T, H&S Company, 2nd Marine Expeditionary Forces	Oil/Water Separator, SDB, and Wash Rack
1301/1309-AST	7-34	Near Bldg. 1301/1309	HQ & Service Company, 2nd SRIG	Used Oil AST
1301/1309-O/W	7-34	Near Bldg. 1301/1309	HQ & Service Company, 2nd SRIG	Oil/Water Separator, SDB, and Wash Rack
1505/1506-O/W	8-0	Near Bldg. 1505/1506	Motor T	Oil/Water Separator, Grit Chamber, SDB, and Wash Rack
1505/1506-AST	8-0	Near Bldg. 1505/1506	Unknown	Used Oil AST
1612-AST	8-1	Near Bldg. 1612	Motor T	Used Oil AST
1405/1406-O/W	8-2	Near Bldg. 1405/1406	Unknown	Oil/Water Separator, SDB, and Grit Chamber
Blank	8-3			
AS431-AST	8-4	Near Bldg. AS 431	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST
AS431-HWA	8-4	Near Bldg. AS 431	HMT 204/HMH 362, MAG-26, 2nd Marine Aircraft Wing	< 90 Day H.W Accumulation Area
AS504-O/W	8-5	Near Bldg. AS 504	HMT 204, MAG-26, 2nd Marine Aircraft Wing	Oil/Water Separator and Wash Rack
AS504-AST	8-6	Near Bldg. AS 566	HMH 362, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST
AS515-AST-E	8-7	Near Bldg. AS 515 east end	HMM 266/HMM 261, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST (2)

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
AS515-HWA-E	8-7	Near Bldg. AS 515 east end	HMM 266/ HMM 261, MAG-26, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS574-HWA	8-8	Near Bldg. AS 574	HMM 261, MAG-26, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS574-AST	8-8	Near Bldg. AS 574	HMM 261, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST
AS525-AST	8-9	Near Bldg AS 525	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing	Used Oil AST
AS525-HWA	8-9	Near Bldg. AS 525	MALS 26 Maintenance, MAG-26, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS3905-HWA	8-10	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS3905-AST	8-11	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	Used Oil AST (3)
AS3905-O/W	8-12	Near Bldg. AS 3905	HMH 461/HMH 464, MAG-26/29, 2nd Marine Aircraft Wing	Oil/Water Separator and Wash Rack
AS4112-HWA	8-13	Near Bldg. AS 4112	HMM 365, MAG-29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4134-HWA	8-14	Near Bldg. AS 4134	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4114-AST	8-15	Near Bldg. AS 4114	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST (2)
AS4114-HWA	8-15	In Bldg. AS 4114	MALS 29 Maintenance, MAG-29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4108-AST	8-16	Near Bldg. AS 4108	HMLA 269, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST
AS4115-AST	8-17	Near Bldg. AS 4115	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing	Used Oil AST (2)
AS4115-HWA	8-18	Near Bldg. AS 4115	HMLA 167/HMM 263, MAG-26/29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4135-UST	8-19	Near Bldg. AS 4135	MALS 29 GSE, MAG-29, 2nd. Marine Aircraft Wing	Used Oil UST
AS515-O/W	8-20/ 21	Near Bldg. AS 515	HMH 362, MAG-26, 2nd Marine Aircraft Wing	Oil/Water Separator
AS576-O/W	8-22	Near Bldg. AS 576	HMM 365, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator
AS576-AST	8-22	Near Bldg. AS 576	HMM 365, MAG-29, 2nd Marine Aircraft Wing	Used Oil AST

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
AS-Pit-UST	8-23	MCAS Burn Pit	MCAS	Used Oil UST
AS592-O/W	8-24	Near Bldg. AS 4108	MCAS Engine Test Cell, HMLA 269, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator
AS499-O/W	8-25	Near Bldg. AS 499	MCAS	Oil/Water Separator
AS4159-O/W	8-26	Near Bldg. AS 4156	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Oil/Water Separator
AS4159-AST	8-27	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Used Oil AST
AS4158-O/W	8-28	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Oil/Water Separator
AS4158-HWA	8-29	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS143-O/W	8-30	MCAS Fuel Division	MCAS Supply Dept.	Oil/Water Separator and Wash Rack
AS119-Rack	8-31	Base Motor T	MCAS Base Motor T	Wash Rack
AS118-O/W	8-32	Near Bldg. AS 118	Logistic	Oil/Water Separator, SDB, and Grit Chamber
AS118-AST	8-33	Near Bldg. AS 118	Motor T, MCB Logistic	Used Oil AST
AS114-AST	8-34/ 35	Near Bldg. AS 114/116	MCAS Auto Hobby Shop	Used Oil AST
AS320-AST	9-0	Near Bldg. AS 320	MCAS Flight Simulator	Used Oil AST
AS605-HWA	9-1	In Bldg. AS 605	MCAS < 90 Day H.W. Accumulation Area	< 90 Day H.W. Accumulation Area
AS605-O/W	9-1	Near Bldg. AS 605	MCAS < 90 Day H.W. Accumulation Area	Oil/Water Separator
AS605-UST	9-1	Near Bldg. AS 605	MCAS < 90 Day H.W. Accumulation Area	Used Pesticide UST
CG1-O/W	9-2	Near Bldg. CG1	MATCS-28, MACG-28, 2nd Marine Aircraft Wing	Oil/Water Separator
CG1-UST	9-3	Near Bldg. CG1	MATCS-28, MACG-28, 2nd Marine Aircraft Wing	Used Oil UST
AS4158-AST	9-4	Near Bldg. AS 4158	MWSS272, MWSG-27, 2nd Marine Aircraft Wing	Used Oil AST
Wendy's	9-5			
AS-Curtis-Ditch	9-6	SAS Skimmer 5	MCAS Drainage Ditch Curtis Road	Oil Skimmer
AS-Longstaff-Ditch	9-7	SAS Skimmer 1	MCAS Drainage Ditch longstaff Road	Oil Skimmer
SAS3503-AST	9-8	Near SAS 3503	MCAS AST	Used Oil AST

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
SAS3503-O/W	9-8	SAS 3503	MCAS	Oil/Water Separator
AS3003-Ditch	9-9	SAS Skimmer 2	MCAS Drainage Ditch	Oil Skimmer
AS-Primington-Ditch	9-10	SAS Skimmer 3	MCAS Drainage Ditch Primington Road	Oil Skimmer
AS499-O/W	9-11	Near Bldg. AS 499	MCAS	Oil/Water Separator
AS5020-Ditch	9-12	SAS Skimmer 4	MCAS Drainage Ditch By Ordnance	Oil Skimmer
STC874-O/W	9-13	Defense Reutilization and Marketing	MCAS DRMO	Oil/Water Separator and Wash Rack
STC868-Rack	9-14	Defense Reutilization and Marketing	MCAS DRMO	Soil by Grease Rack
STC872-Pile	9-15	Defense Reutilization and Marketing	MCAS DRMO	Soil Pile
TC811-O/W	9-16	Near Bldg. TC 811	MCB Security	Oil/Water Separator
SM264-Rack	9-17	SM 264	Unknown	Wash Rack
M105-Rack	9-18	M105	Unknown	Wash Rack
45-Pond	9-19/ 20	Near Bldg. 45	MCB	Former Pond
45-AST-2	9-21	Near Bldg. 45	MCB	Used Oil AST
SA45-O/W	9-22	Near Bldg. SA45	2nd. Amphibious Assault Battalion	Oil/Water Separator
BB161-UST	9-23/ 24	Near Bldg. BB 161	MC Engr. School	Used Oil UST
BB190-Backwash	9-25	Near Bldg. BB 190	MCB	Backwash Basin
BB177-AST	9-26	Near Bldg. BB 177	Morale, Welfare, and Recreation	Used Oil AST
Blank	9-27 to 36			
A8-HWA	10-00	In Bldg. A8	2nd. Amphibious Assault Battalion	< 90 Day H.W. Accumulation Area
FC230-O/W-1	10-0/1	Near Bldg. FC230	8th Communication Battalion, 2nd Marine Division	Oil/Water Separator
S1753-O/W-AST	10-2	Near Bldg. S1753	Headquarters Battalion, 2nd Marine Division	Oil/Water Separator and Used Oil AST
907-HWA	10-3	In Bldg. 907	Medlog, 2nd Supply Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
Blank	10-4			

**Table B-1  
Photo Log**

Site Number	Roll-Photo	Building Number	Unit Name	Unit Type
915-HWA	10-5	In Bldg. 915	2nd Supply Battalion, 2nd FSSG	< 90 Day H.W. Accumulation Area
SF97-HWA-AST	10-6	Near Bldg. SF97	MSSG-22, 2nd FSSG	< 90 Day H.W. Accumulation Area and Used Oil AST
M200-AST	10-7	Near Bldg. M200	Unknown	Used Oil AST
AS4117-HWA	10-8	Bldg. AS4117	HMM 162, MAG-29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4235-HWA	10-9	Near Bldg. AS4135	MALS 29, GSE, MAG-29, 2nd Marine Aircraft Wing	< 90 Day H.W. Accumulation Area
AS4135-O/W	10-10	Near Bldg. AS4135	MALS 29, GSE, MAG-29, 2nd Marine Aircraft Wing	Oil/Water Separator



Roll 1, Photo 2



Roll 1, Photo 3



Roll 1, Photo 4



Roll 1, Photo 5



Roll 1, Photo 6



Roll 1, Photo 7



**Roll 1, Photo 8**

**Roll 1, Photo 9 - No Photo**



Roll 1, Photo 10



Roll 1, Photo 11

Roll 1, Photo 12 - No Photo



Roll 1, Photo 13



Roll 1, Photo 14



Roll 1, Photo 15



Roll 1, Photo 16



Roll 1, Photo 17



Roll 1, Photo 18



Roll 1, Photo 19



Roll 1, Photo 20



Roll 1, Photo 21



Roll 1, Photo 22



Roll 1, Photo 23



Roll 1, Photo 24



Roll 1, Photo 25



Roll 1, Photo 26



Roll 1, Photo 27



Roll 1, Photo 28



Roll 1, Photo 29



Roll 1, Photo 30



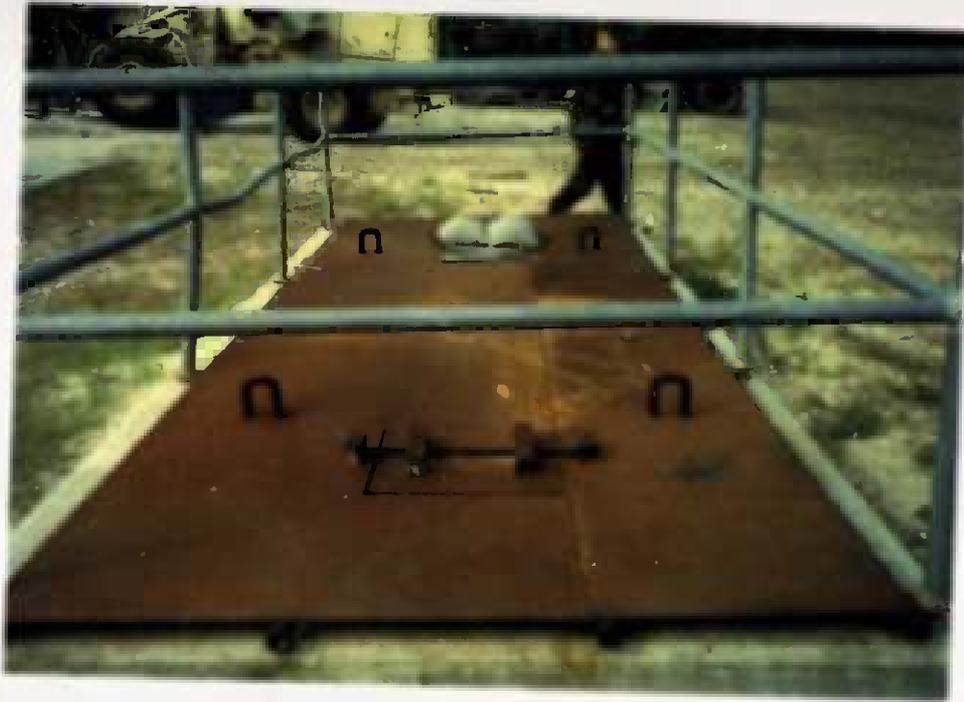
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Roll 1, Photo 32



Roll 1, Photo 33



Roll 1, Photo 34



Roll 1, Photo 35



Roll 1, Photo 36



Roll 1, Photo 37



Roll 2, Photo 1



Roll 2, Photo 2



Roll 2, Photo 3



Roll 2, Photo 4



Roll 2, Photo 5



Roll 2, Photo 6



Roll 2, Photo 7



Roll 2, Photo 8



Roll 2, Photo 9



Roll 2, Photo 10



Roll 2, Photo 11



Roll 2, Photo 12



Roll 2, Photo 13

Roll 2, Photo 14 - No Photo



Roll 2, Photo 15



Roll 2, Photo 16



Roll 2, Photo 17



Roll 2, Photo 18



Roll 2, Photo 19



Roll 2, Photo 20



Roll 2, Photo 21



Roll 2, Photo 22



Roll 2, Photo 23



Roll 2, Photo 24



Roll 2, Photo 25



Roll 2, Photo 26



Roll 2, Photo 27



Roll 2, Photo 28



Roll 2, Photo 29



Roll 2, Photo 30

Roll 3, Photo 1 - No Photo



Roll 3, Photo 2



Roll 3, Photo 3



Roll 3, Photo 4



Roll 3, Photo 5



Roll 3, Photo 6



Roll 3, Photo 7



Roll 3, Photo 8



Roll 3, Photo 9



Roll 3, Photo 10



Roll 3, Photo 11



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Roll 3, Photo 14



Roll 3, Photo 15



Roll 3, Photo 16



Roll 3, Photo 17



Roll 3, Photo 18



Roll 3, Photo 19



Roll 3, Photo 20



Roll 3, Photo 21



Roll 3, Photo 22



Roll 3, Photo 23



Roll 3, Photo 24



Roll 3, Photo 25



Roll 3, Photo 26



Roll 3, Photo 27



Roll 3, Photo 28



**Roll 3, Photo 29**

**Roll 4, Photo 1 - No Photo**



Roll 4, Photo 2



Roll 4, Photo 3



Roll 4, Photo 4



Roll 4, Photo 5



Roll 4, Photo 6



Roll 4, Photo 7



Roll 4, Photo 8



Roll 4, Photo 9



Roll 4, Photo 10



Roll 4, Photo 11



Roll 4, Photo 12



Roll 4, Photo 13



Roll 4, Photo 14



Roll 4, Photo 15



Roll 5, Photo 1



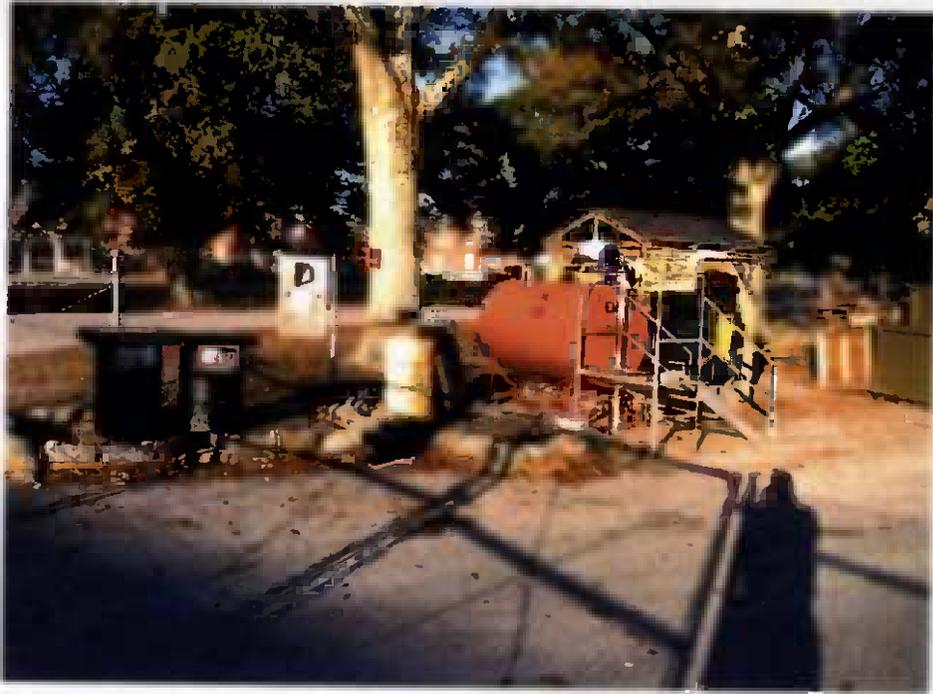
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Roll 5, Photo 4



Roll 5, Photo 5



Roll 5, Photo 6



Roll 5, Photo 7



Roll 5, Photo 8



Roll 5, Photo 9



Roll 5, Photo 10



Roll 5, Photo 11



Roll 5, Photo 12



Roll 5, Photo 13



Roll 5, Photo 14



Roll 5, Photo 15



Roll 5, Photo 16



Roll 6, Photo 17



Roll 5, Photo 18

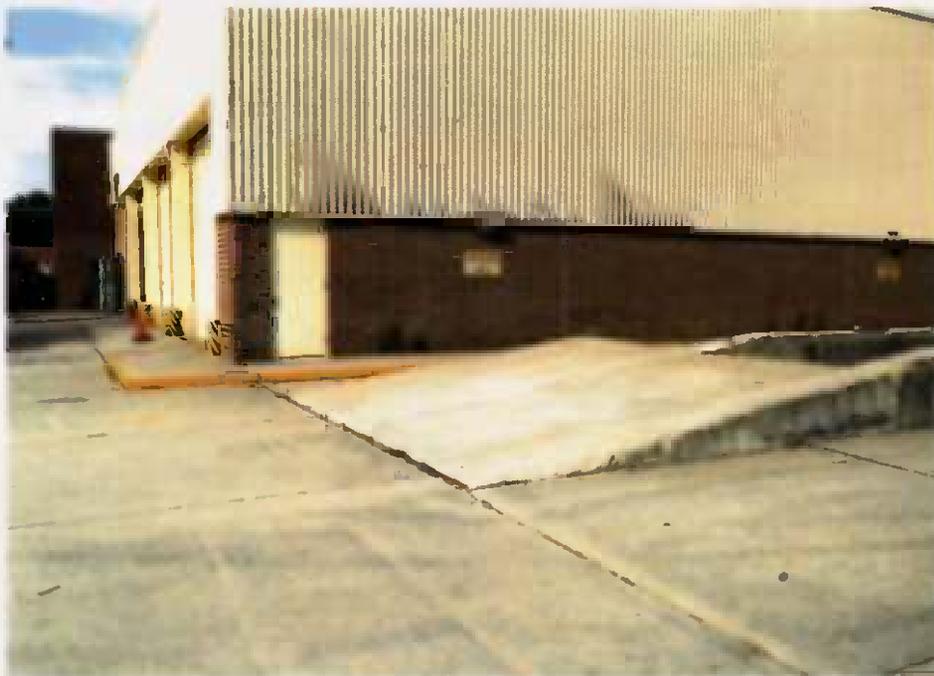


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Roll 5, Photo 20 - No Photo



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Roll 5, Photo 22



Roll 5, Photo 23



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Roll 5, Photo 25



Roll 5, Photo 26



Roll 5, Photo 27



Roll 5, Photo 28



Roll 5, Photo 29



Roll 5, Photo 30



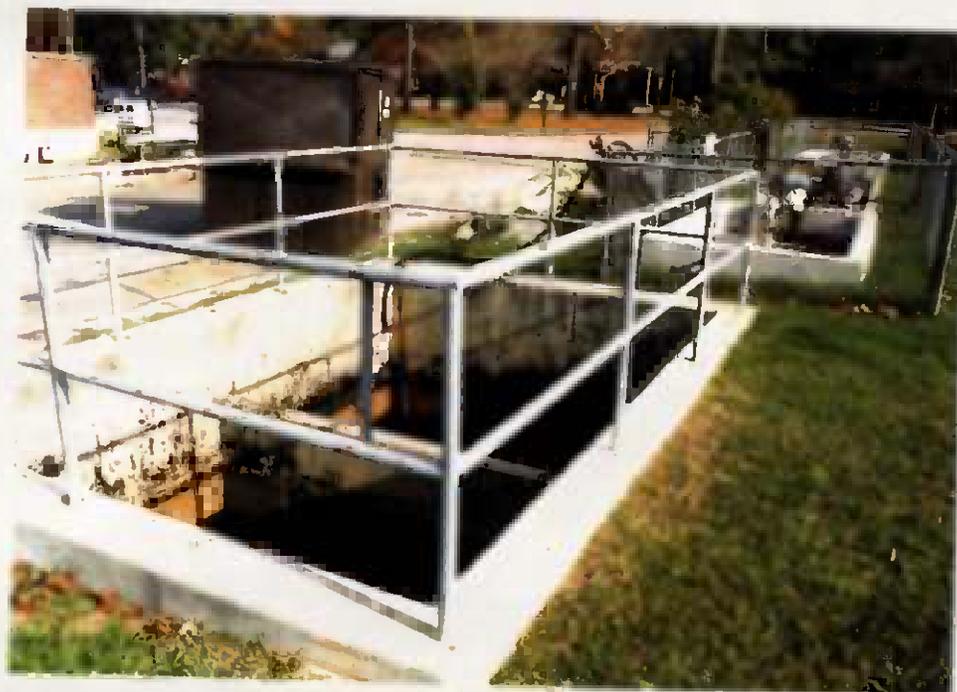
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Roll 5, Photo 36



Roll 6, Photo 1



Roll 6, Photo 2



Roll 6, Photo 3



Roll 6, Photo 4



Roll 6, Photo 5



Roll 6, Photo 6



Roll 6, Photo 7



Roll 6, Photo 8



Roll 6, Photo 9



Roll 6, Photo 10



Roll 2, Photo 11



Roll 6, Photo 12



Roll 6, Photo 13



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Roll 6, Photo 16



Roll 6, Photo 17



Roll 6, Photo 18



Roll 6, Photo 19



Roll 6, Photo 20



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Roll 6, Photo 22



Roll 6, Photo 23



Roll 6, Photo 24



Roll 6, Photo 25



Roll 6, Photo 26

Roll 6, Photo 27 - No Photo



Roll 6, Photo 28



Roll 6, Photo 29



Roll 6, Photo 30



Roll 6, Photo 31



Roll 6, Photo 32



Roll 6, Photo 33



Roll 6, Photo 34



Roll 6, Photo 35



Roll 6, Photo 36



Roll 6, Photo 37



Roll 7, Photo 2



Roll 7, Photo 3



Roll 7, Photo 4



Roll 7, Photo 5



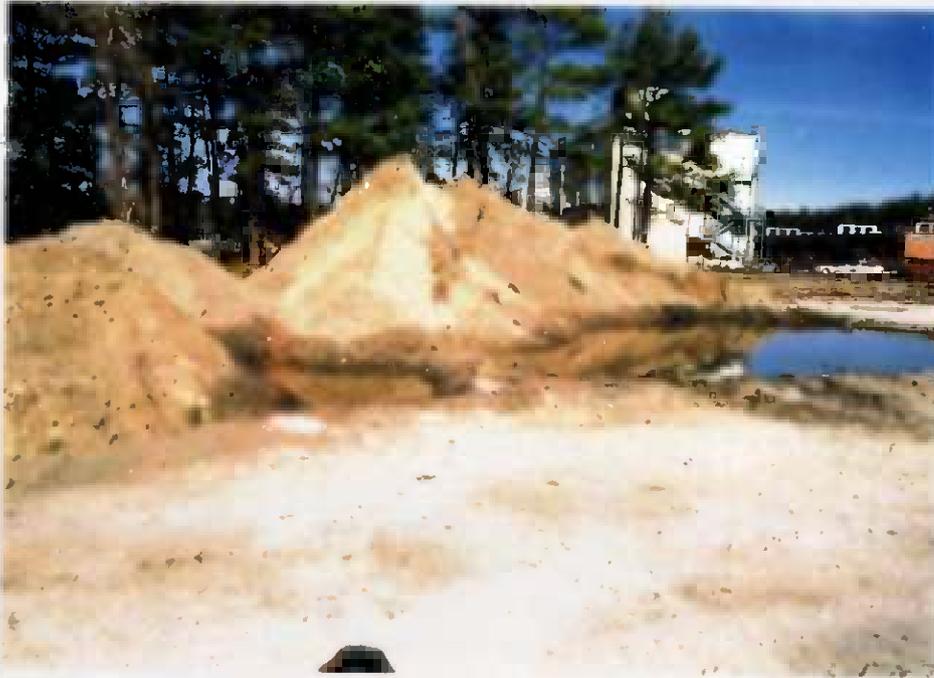
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Roll 7, Photo 7



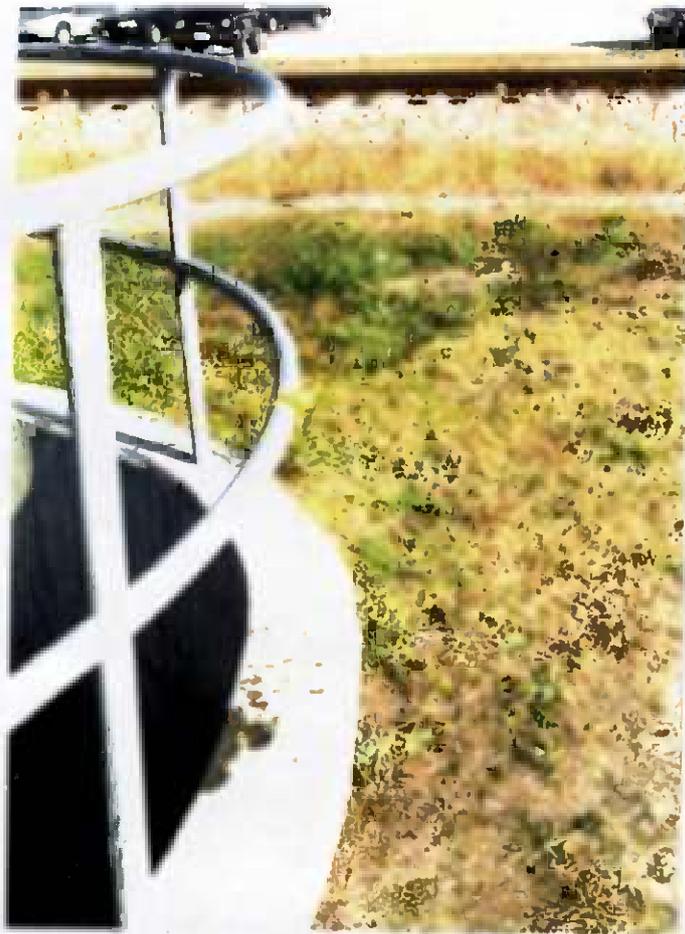
Roll 7, Photo 8



Roll 7, Photo 9



Roll 7, Photo 10



Roll 7, Photo 11



Roll 7, Photo 12



Roll 7, Photo 13



Roll 7, Photo 14



Roll 7, Photo 15



Roll 7, Photo 16



Roll 7, Photo 17



Roll 7, Photo 18



Roll 7, Photo 19



Roll 7, Photo 20



Roll 7, Photo 21



Roll 7, Photo 22



Roll 7, Photo 23



Roll 7, Photo 24



Roll 7, Photo 25



Roll 7, Photo 26



Roll 7, Photo 27



Roll 7, Photo 28



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Roll 7, Photo 31



Roll 7, Photo 32



Roll 7, Photo 33



Roll 7, Photo 34



Roll 8, Photo 0



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Roll 8, Photo 6



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Roll 8, Photo 8



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Roll 8, Photo 31



Roll 8, Photo 32



Roll 8, Photo 33



Roll 8, Photo 34



Roll 8, Photo 35



Roll 9, Photo 0



Roll 9, Photo 1



Roll 9, Photo 2



Roll 9, Photo 3



Roll 9, Photo 4



Roll 9, Photo 5



Roll 9, Photo 6



Roll 9, Photo 7



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