

TANK NUMBER: NSCPH-A-H6-1

ACTIVITY: NSC - PEARL HARBOR

STATUS: ABANDONED

LOCATION: HOTEL PIER STRUCTURE 1308

BORING PROGRAM

One soil boring was drilled approximately 7 feet from the end and 2 feet from the outer edge of the tank. The boring was drilled to approximately 5 feet below ground surface. Ground water was found at a depth of about 5 feet.

SOIL SAMPLING PROGRAM

Soil samples were collected at 3 and 4.5 feet below ground surface.

SITE LITHOLOGY

The site is underlain by gravel and coral backfill to 5 feet below ground surface.

LABORATORY PROGRAM

Soil samples collected from depths of 3 and 4.5 feet were analyzed for total petroleum hydrocarbons (TPH) using a modified Environmental Protection Agency (EPA) Method 8015, volatile organic compounds using EPA Method 8240, and polychlorinated biphenyls (PCBs) and pesticides using EPA Method 8080.

CHEMICAL RESULTS

Soil samples collected from depths of 3 and 4.5 feet had TPH concentrations of 62.2 and 13,700 milligrams per kilogram (or parts per million), respectively. The soil sample collected at a depth 3 feet also had a toluene concentration of 680 micrograms per kilogram (or parts per billion). All other analyzed chemical parameters using EPA Methods 8015, 8240, and 8080 were below detection limits.

TANK NO.	NSCPH-A-M6-1
ACTIVITY	NSC - Pearl Harbor
STATUS	Abandoned
-----	-
NEAREST BLDG.	Structure 1308

TANK INFORMATION:

SITE INFORMATION:

Location	Hotel Pier Structure #1308
-----	--
Installation Date	1942
-----	--
Capacity, gal.	5,000
-----	--
Use/Process	Fueling Facility
-----	--
Contents - Amount/Type	Empty/JP-5
-----	--
Construction Materials	Carbon steel
-----	--
Depth To Invert	10'
-----	--
Diameter	6.17'
-----	--
Length	22'
-----	--
Spill/Overfill Containment	None
-----	--
Corrosion Protection	Impressed Current
-----	--
Leak Detection	Stock Inventory
-----	--
Internal Protection	None
-----	--
External Protection	Wrapped
-----	--
Tank Piping	Underground
-----	--
Type	Pressure
-----	--
Construction Material	Steel

Paving Material/Thickness	Gravel
-----	--
Appearance	Fair
-----	--
Surface Contamination	Staining on surface

TESTING PROGRAM: N/A

Date Tested	
-----	--
Leak Rate High	-
-----	--
Leak Rate Low	-
-----	--
Special Requirements	

BORING PROGRAM:

Date Drilled	11-15-89
-----	--
Number of Borings	1
-----	--
Sample Depth (s)	3, 4.5'
-----	--
Laboratory Analysis	TPH EPA METHOD 8015 VOC EPA METHOD 8240 PCB EPA METHOD 8080 PESTICIDES EPA METHOD 8080

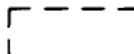


N/A - Not Applicable

(b) (3) (A)

0 10 FEET
SCALE



EXPLANATION:

-  TANK LOCATION
-  BORING LOCATION
-  GROUND-WATER MONITORING WELL



NSC
PEARL HARBOR

TANK NSCPH-A-H6-1
SITE MAP

DATE 05/04/90	PROJECT No. 6-90-4122	FIG #
SHEET No. 1 of 1	DWG No. 13800156	SIZE 8.5 X 11
DRAWN BY: P. LEETS	APPROVED BY:	REV

TANK NUMBER: NSCPH-A-H6-2

ACTIVITY: NSC - PEARL HARBOR

STATUS: ABANDONED

LOCATION: HOTEL PIER STRUCTURE 1308

BORING PROGRAM

One soil boring was drilled approximately 7 feet from the end and 2 feet from the outer edge of the tank. Ground water was found at about 7 feet below ground surface in the boring. The soil boring was advanced to 10 feet below the first occurrence of ground water (17 feet below ground surface) and a 2-inch-ID ground-water well was installed.

SOIL SAMPLING PROGRAM

Soil samples were collected at depths corresponding to the midpoint, 2 feet below the invert (bottom) of the tank (approximately 7 and 12 feet), and at a depth of 17 feet below ground surface.

SITE LITHOLOGY

The site is underlain to a depth of about 10 feet by fill material that appears to be coral. Beneath the fill material is coral with clay and gravel to a depth of about 15 feet. Slightly silty fine-grained sand with coral is present to a depth of 17 feet.

LABORATORY PROGRAM

One soil sample collected at a depth of 7 feet was analyzed for total petroleum hydrocarbons (TPH) using a modified Environmental Protection Agency (EPA) Method 8015, volatile organic compounds using EPA Method 8240, and polychlorinated biphenyls (PCBs) and pesticides using EPA Method 8080.

One Ground-water sample was analyzed for TPH, volatile organic compounds, and PCBs and pesticides using EPA Methods 8015, 624, and 8080, respectively.

CHEMICAL RESULTS

A soil sample collected at a depth of 7 feet had a TPH concentration of 49,000 milligrams per kilogram (or parts per million) and a total xylene concentration of 2,700 micrograms per kilogram (or parts per billion). All other analyzed chemical parameters using EPA Methods 8015, 8240, and 8080 were below detection limits.

The ground-water sample had a TPH concentration of 9.42 milligrams per liter (or parts per million). All other chemical parameters analyzed for in this ground-water sample using EPA Methods 8015, 624, and 8080 were below detection limits.

TANK NO.	NSCPH-A-M6-2
ACTIVITY	MSC - Pearl Harbor
STATUS	Abandoned
NEAREST BLDG.	Structure 1308

TANK INFORMATION:

SITE INFORMATION:

Location	Hotel Pier Structure #1308
Installation Date	1943
Capacity, gal.	5,000
Use/Process	Fueling Facility
Contents - Amount/Type	Empty/JP-5
Construction Materials	Carbon steel
Depth To Invert	10'
Diameter	6.17'
Length	22'
Spill/Overfill Containment	None
Corrosion Protection	Impressed Current
Leak Detection	Stock Inventory
Internal Protection	None
External Protection	Wrapped
Tank Piping	Underground
Type	Pressure
Construction Material	Steel

Paving Material/Thickness	Gravel
Appearance	Fair
Surface Contamination	Staining on surface

TESTING PROGRAM: N/A

Date Tested	
Leak Rate High	
Leak Rate Low	
Special Requirements	

BORING PROGRAM:

Date Drilled	11-27-89
Number of Borings	1
Sample Depth (s)	2, 7, 12'
Laboratory Analysis	TPH EPA METHOD 8015
	VOC EPA METHOD 8240
	PCB EPA METHOD 8080
	PESTICIDES EPA METHOD 8080




N/A - Not Applicable

(b) (3) (A)

0 10 FEET
SCALE



EXPLANATION:

-  TANK LOCATION
-  BORING LOCATION
-  GROUND-WATER MONITORING WELL



NSC
PEARL HARBOR

TANK NSCPH-A-H6-2
SITE MAP

DATE 05/04/90	PROJECT No. 6-90-4122	FIG #
SHEET No. 1 of 1	DWG No. 13800156	SIZE 8.5 X 11
DRAWN BY: P. LEETS	APPROVED BY:	REV

TANK NUMBER: NSCPH-A-MLR-1

ACTIVITY: NSC - PEARL HARBOR

STATUS: ABANDONED

LOCATION: HALAWA SERVICE STATION STRUCTURE S-921

BORING PROGRAM

Two soil borings were drilled adjacent to the east side of the tank. The borings were located approximately one-third of the distance in from each tank end and approximately 2 feet from the outer edge of the tank. Ground water was found at about 6 feet below ground surface in the borings. The borings were advanced to approximately 17 feet below ground surface and one 2-inch-ID ground-water monitoring well was installed in Boring B-2.

SOIL SAMPLING PROGRAM

Soil samples were collected at depths corresponding to the midpoint of the tank, 2 feet below the invert (bottom) of the tank (approximately 7 and 12 feet), and at 17 feet below ground surface.

SITE LITHOLOGY

The site is underlain by sand, silty sand, and silty clay to a depth of 17 feet.

LABORATORY PROGRAM

Soil samples collected from depths of 7 and 12 feet in each boring were analyzed for total petroleum hydrocarbons (TPH) using a modified Environmental Protection Agency (EPA) Method 8015, volatile organic compounds using EPA Method 8240, and polychlorinated biphenyls (PCBs) and pesticides using EPA Method 8080.

One ground-water sample was analyzed for TPH, volatile organic compounds, and PCBs and pesticides using EPA Methods 8015, 624, and 8080, respectively.

CHEMICAL RESULTS

Soil samples collected from Boring B-2 at depths of 7 and 12 feet had TPH concentrations of 153 and 67.9 milligrams per kilogram (or parts per million), respectively. Ethylbenzene concentrations of 650 and 1,300 micrograms per kilogram (ug/kg, or parts per billion) were detected in samples collected at depths of 7 and 12 feet, respectively, in Boring B-2. Boring B-2 also had a total xylenes concentration of 2,200 ug/kg in a soil sample collected at a depth of 12 feet. Soil samples collected from a depth of 12 feet in Boring B-1 had DDT, dieldrin, and endrin concentrations of 4.46, 2.17, and 2.81 ug/kg, respectively. All other analyzed chemical parameters using EPA Methods 8015, 8240, and 8080 were below detection limits.

The analyzed ground-water sample contained 730 micrograms per liter (or parts per billion) of methyl ethyl ketone. All other chemical parameters analyzed for in this ground-water sample using EPA Methods 8015, 624, and 8080 were below detection limits.