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COVER PAGE

DATE: 2/25/93 TIME: 11:00 AM PM

TOTAL NUMBER OF PAGES 4 INCLUDING COVER PAGE. PLEASE DELIVER AS SOON AS POSSIBLE.

TO:

NAME: MS. JULIET SHIN

FIRM: DEPT. OF ENVIRONMENTAL HEALTH

CITY: OAKLAND

FAX NO.: (510) 569-4757

FROM

Mark Casterson

NAME: _____

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL ASAP.

OPERATOR: _____

NOTES: _____

JULIET:

PLEASE GIVE ME A CALL SHOULD

YOU HAVE ANY FURTHER QUESTIONS

MARK

#412 P24

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FEB-25-'93 THU 10:51 ID:HK SF 510-284-3154

GREGG

GREGG & ASSOCIATES, INC.
 A Hunter Company
 597 Center Avenue, Suite 350, Martinez, CA 94553 / (415) 372-3637

50534

CHAIN OF CUSTODY RECORD

DATE 1/4/89

PAGE 1 OF 1

NAME Hunter/Gregg Inc.
 ADDRESS 597 Center Ave Suite 350
Martinez, CA 94553

PROJECT Alameda - Coast Guard

SAMPLER'S NAME (print) Nora Wilson
 (signature) Nora Wilson

sample #	date	time	location
N-Sidewalk	12/30/88	12:00	Alameda Coast Guard
S-Sidewalk			
E-Sidewalk			
W-Sidewalk			
Large Pile			
Small Pile			
#7			

PARAMETERS										OTHER					
1	2	3	4	5	6	7	8	9	10	0	0	0	0	0	0
EPA 8015	EPA 8020														
X	X														
X	X														
X	X														
X	X														
X	X														
X	X														
X	X														
X	X														
X	X														

PARAMETER KEY: 10-ELC
 T 1-CAM METALS (18) 0-
 Q 2-PR. POLLUTANT METALS (13) 0-
 T 3-GENERAL MINERALS 0-
 A 4-OIL & GREASE 0-
 L 5-PETROLEUM HYDROCARBONS 0-
 S 6-BASE/NEU/ACIDS (ORGANICS) 0-
 7-PESTICIDES
 8-VOLATILE ORGANICS (301/602)
 9-VOLATILE ORGANICS (224)

OBSERVATION/COMMENTS

SOIL

WATER

RELINQUISHED BY: (signature) Nora Wilson
 RECEIVED BY: (signature) Samuel Turner date time 1/4/89 12:25
Samuel Turner John Parting 1/4/89 12:25
 DISPATCHED BY: (signature) _____ date time _____ RECEIVED FOR LAB BY: (sig) _____ date time _____

TOTAL NUMBER OF CONTAINERS THIS SHEET: _____
 METHOD OF SHIPMENT: _____
 SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS: _____

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Northern California Office
Gregg & Associates, Inc.
597 Center Avenue, Suite 350
Martinez, California 94553
415-372-3637 • 800-321-3637

January 24, 1989

Project No. 02-258-002

Commander John Sprouse
U.S. Coast Guard
Facilities Design and Construction Center
915 Second Avenue, Room 2664
Seattle, WA 98174-1011

SUBJECT: Underground Fuel Storage Tank Removal and Closure Documentation for U.S. Coast Guard Island Support Center in Alameda, California

Dear Commander Sprouse:

On December 29 and 30, 1988, three underground fuel storage tanks were closed at the U.S. Coast Guard Alameda Island Support Center. There were two 2,000 gallon steel gasoline tanks and one 2,000 gallon fiberglass diesel tank. During removal, the 2,000 gallon fiberglass diesel tank was found to be a Corning "bubble" tank. The tank was in pea-gravel backfill and surrounded by bay mud, and appeared to be in good condition. There was no apparent diesel oil in the soils sampled or observed surrounding the 2,000 gallon glass diesel tank. To confirm this a soil sample was collected under each end of the tank.

On December 30, 1988, the two 2,000 gallon steel gasoline tanks were removed. The tanks appeared to be old and showed some corrosion, but no holes were detected. The tanks were surrounded with sand and native material of bay mud. There was a petroleum hydrocarbon odor detected in soils surrounding the fuel tanks and therefore, approximately 30 yards of soils were removed from the tank excavation, placed on plastic, and covered. Soil samples were collected from each end of each tank and surrounding side walls to define vertical and lateral extent of hydrocarbons. Two separate stock piles were made, one large pile being below tank grade (Sample 4), and the other small pile above grade (Sample 5). Both soil stock piles emitted hydrocarbon odors and composite soil samples were collected from each soil stock pile as indicated in the previous sentence.

Commander John Sprouse
Page 2
January 24, 1989

Soil samples were analyzed by Superior Analytical Laboratories, a state certified testing laboratory. All soil samples collected were analyzed for Total Petroleum Hydrocarbons (TPH) and Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) using Environmental Protection Agency Methods 8015 and 8020, respectively.

Semco used pea-gravel to backfill and compact the excavations to grade. A concrete and asphalt finish was applied to the surface of the 2,000 gallon fiberglass tank excavation. The surface of the (two) 2,000 gallon steel tanks was not returned to final contour, awaiting results of laboratory analysis. For safety purposes the excavation was barricaded with a chain link fence.

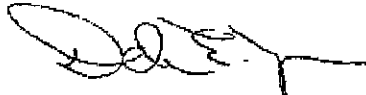
A composite rinsate water sample was collected from all three tanks final cleaning and will be analyzed for TPH.

All hazardous waste manifests, chain-of-custody and sample location maps are included in this report to show and verify sample locations. A short summary explaining the analytical findings is attached following the summary tab. If there are any questions regarding this report, please call Norm Nelson at (415) 372-3637.

Sincerely,



Norm N. Nelson
Project Manager



Dale E. Egner, RG 3457
General Manager

NNN:gm

cc: Terry Hamilton, Semco
Thomas F. Peacock, Alameda County