

U.S. Department
of Transportation

United States
Coast Guard



Commanding Officer
U. S. Coast Guard
Civil Engineering Unit Oakland

2000 Embarcadero
Suite 200
Oakland, CA 94606-5337
(510) 535-7200

16475
12 Dec 1994

Ms. Juliet Shin
Alameda County
Department of Environmental Health
UST Local Oversight Program
1131 Harbor Bay Pkwy
Alameda, CA 94502

Dear Ms. Shin:

The extended sampling and monitoring is being implemented as requested in your letter of 23 March, 1994. Enclosed is the first in a series of four 1994-1995 Quarterly Monitoring Reports and Analysis for the Swimming Pool and the Exchange Center locations at the U.S. Coast Guard Support Center Alameda, Coast Guard Island, Alameda, CA.

The point of contact for this matter is Mr. Louis Rivero at (510) 535-7275.

Sincerely,

A handwritten signature in cursive script that reads "Dave Stalters".

DAVE STALTERS
Chief Environmental Division
U.S. Coast Guard
By direction of the Commanding Officer

Encl: (1) Quarterly Monitoring Well Sampling and
Analysis.

Copy to: Support Center Alameda w/o enclosures
Attn: LCDR M. Brown, SPRTALA (ENG)

94 DEC 14 PM 1:31
H.A. STALTERS

**QUARTERLY MONITORING WELL
SAMPLING AND ANALYSIS
FOURTH QUARTER 1994**

U.S. Coast Guard Support Center
Exchange Center Location
Coast Guard Island
Alameda, California

PSI Project No. 582-34006

NOVEMBER 30, 1994



Professional Service Industries, Inc.

November 30, 1994

United States Coast Guard Support Center
Civil Engineering Unit
2000 Embarcadero, Suite 200
Oakland, CA 94606-5000

Attention: Mr. Louis Rivero

Subject: QUARTERLY MONITORING WELL SAMPLING & ANALYSIS
FOURTH QUARTER 1994

Project: Exchange Center Location
Coast Guard Island
Alameda, California 94606
Project # 582-34006

Dear Mr. Rivero:

Professional Service Industries, Inc. (PSI) is pleased to present the results of groundwater sampling for the fourth quarter of 1994. A description of the sampling and laboratory analysis for the six monitoring wells located at the Exchange Center Location (see Vicinity Map, Site Plan, and Monitoring Well Location Map) are contained herein.

This is the first of four quarterly sampling events, authorized by Ms. Evelyn E. Navarro, contracting officer with the U.S. Coast Guard, on August 31, 1994

Field activities were conducted on October 20, 1994. The purpose of this program is to monitor hydrocarbon concentrations in the groundwater below the Site.

SAMPLING METHOD

Prior to purging and sampling the six monitoring wells, the ground water in each well was measured, and elevation was then calculated. The monitoring wells were purged in order to establish a flow of groundwater into the wells and to remove any longstanding water. Well redevelopment was accomplished by means of a bailer. Approximately 5 to 7 gallons of water (2 to 3 casing volumes) were removed from each well prior to sampling. The purged groundwater from the wells was contained in six labeled 55-gallon drums and left on-site for future storage for additional sampling. After allowing the wells to recharge to a minimum of 80% of the original well volume, groundwater samples were collected.

Prior to sampling from the wells, the bailer was cleaned using trisodium phosphate solution and triple-rinsed with potable water. Water samples were drained from the bailer into certified clean, 40 ml vials, with care being taken to eliminate headspace. The vials were labeled and placed into cold storage until delivery to PSI's Lawrence, Kansas laboratory (California certified) for analysis. Proper chain-of-custody procedures were observed. Chain-of-custody is included with the attached analytical results.

OBSERVATION

The ground water in wells MW-2, MW-3, MW-5, and MW-6 appeared clear with no determinable odors. No odors were present in wells MW-1, and MW-4, however the water was murky. Note: see Appendix, Groundwater Elevation Data.

LABORATORY ANALYSES

The groundwater samples were submitted to PSI, Inc., of Lawrence, Kansas, and analyzed for Aromatic Volatile Organics by EPA method 8020 and Total Petroleum Hydrocarbons for Gasoline (TPHG), method 8015, using gas chromatography with photoionization detection. The analytical results are summarized below. The complete laboratory report, including analytical results, and chain-of-custody is attached.

SUMMARY OF ANALYTICAL RESULTS
FIRST QUARTER 1994 GROUNDWATER MONITORING

Well Number	Date of Sample	Benzene	Toluene	Ethylbenzene	Xylenes	Purgeable Hydrocarbons
MW-1	4/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-1	7/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-1	10/20/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-1	10/20/94	N.D.	N.D.	N.D.	N.D.	N.D.
MW-2	4/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-2	7/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-2	10/20/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-2	10/20/94	N.D.	N.D.	N.D.	N.D.	N.D.
MW-3	4/8/93	30	N.D.	N.D.	N.D.	6,000
MW-3	7/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-3	10/20/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-3	10/20/94	N.D.	N.D.	N.D.	N.D.	N.D.
MW-4	4/8/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-4	7/8/93	8.8	N.D.	N.D.	N.D.	N.D.
MW-4	10/20/93	N.D.	N.D.	N.D.	N.D.	2,700
MW-4	10/20/94	N.D.	N.D.	N.D.	N.D.	N.D.
MW-5	4/8/93	14.0	0.63	N.D.	1.5	170
MW-5	7/8/93	3.7	0.46	N.D.	170	4,300
MW-5	10/20/93	N.D.	N.D.	N.D.	N.D.	N.D.
MW-5	10/20/94	N.D.	N.D.	N.D.	N.D.	N.D.
MW-6	4/8/93	7.4	1.2	20	20	720
MW-6	7/8/93	N.A.	N.D.	N.D.	N.D.	610
MW-6	10/20/93	N.D.	N.D.	N.D.	N.D.	660
MW-6	10/20/94	N.D.	N.D.	N.D.	N.D.	200

Notes: All concentrations are in parts per billion (micrograms per liter, ug/l).
N.D. = Analytes reported as not detected above the analytical reporting limit.
The well referred to as MW-1 in the report dated December 16, 1993, is referred to as MW-6 in this report.

DISCUSSION OF RESULTS

Based on the analytical results for this sampling event, it appears that purgeable hydrocarbons in groundwater samples taken from MW-1, MW-2, MW-3, MW-4 and MW-5 are not above the analytical reporting limits. Hydrocarbon concentrations in MW-6 have diminished from 660 ppb to 200 ppb.

A decrease in benzene levels was detected in both MW-4 and MW-5 from July 8, 1993 readings. Benzene levels in MW-4 dropped from 8.8 ug/L to non-detectable and in MW-5 dropped from 3.7 ug/L to non-detectable.

Groundwater was determined to flow in a westerly direction. Due to its close proximity to the San Francisco Bay, groundwater may be influenced by tidal action.

The next quarterly groundwater sampling event for the site is scheduled for the month of January, 1995.

LIMITATIONS OF INVESTIGATION

Our investigation was performed using the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental consultants practicing at this or similar localities. The samples collected and used for testing and observations are believed representative of Site conditions. No other warranty, expressed or implied, is made to conclusions and professional advice included in this report.

This report is issued with the understanding that it is the responsibility of the owner, or of his representative, to ensure that the information and recommendations contained herein are brought to the attention of the proper authorities and/or regulating agencies.

The findings of this report reflect the conditions of the Site during the time of the Site visit. However, changes in the conditions of a property can occur with the passage of time, whether they be due to natural processes or the works of man on this or adjacent properties.

In addition, changes in applicable or appropriate standards may occur from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to review and should be updated as changes may occur.

The opportunity to be of service is appreciated. Should you have any questions regarding the content of this report, or we can be of further assistance, please do not hesitate to contact us.

Sincerely,

Professional Service Industries, Inc.

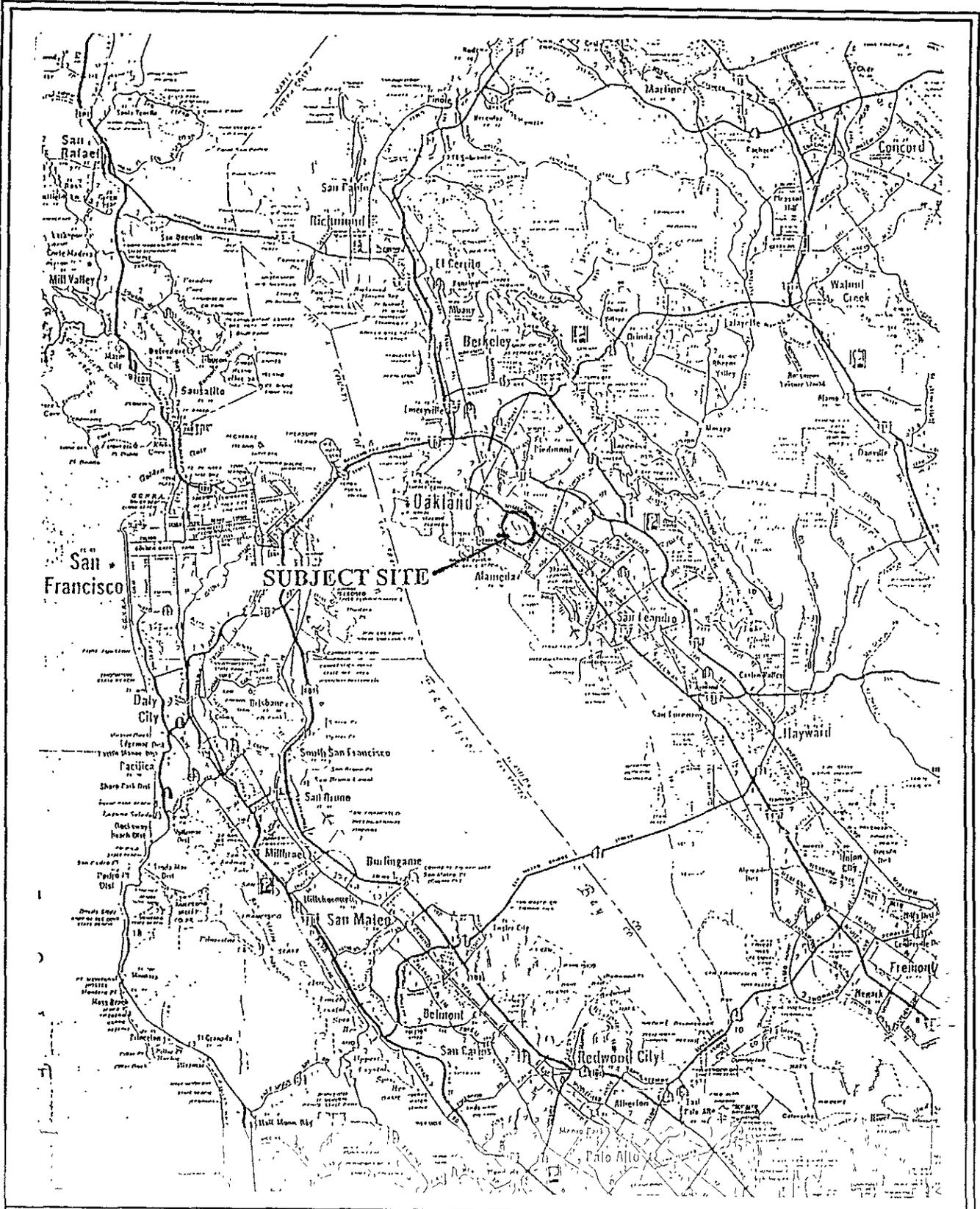
Beverly Jones
Beverly Jones
Environmental Specialist

Glenn G. Hilton
Geologist RG #5318

BJ/pj

APPENDICES

FIGURES

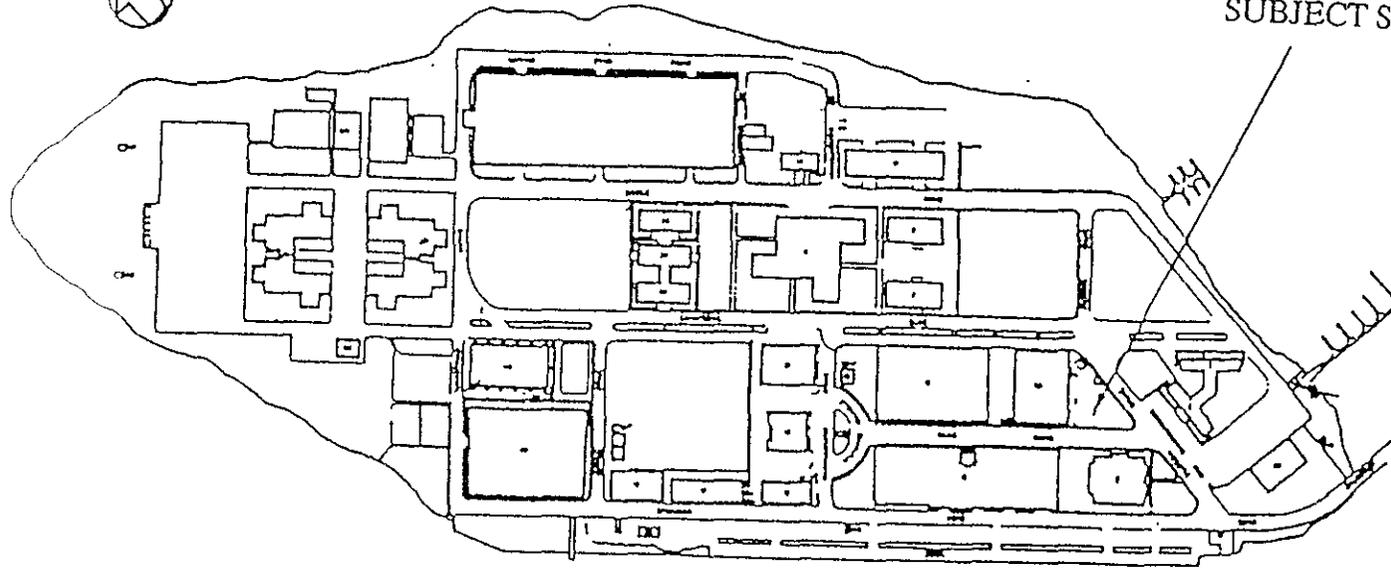


PROJECT NAME
 U.S. COAST GUARD
 ALAMEDA, CALIFORNIA

VICINITY MAP
 NOT TO SCALE

PROJECT NO.
 582-34006

TECHNICIAN
 BEVERLY JONES



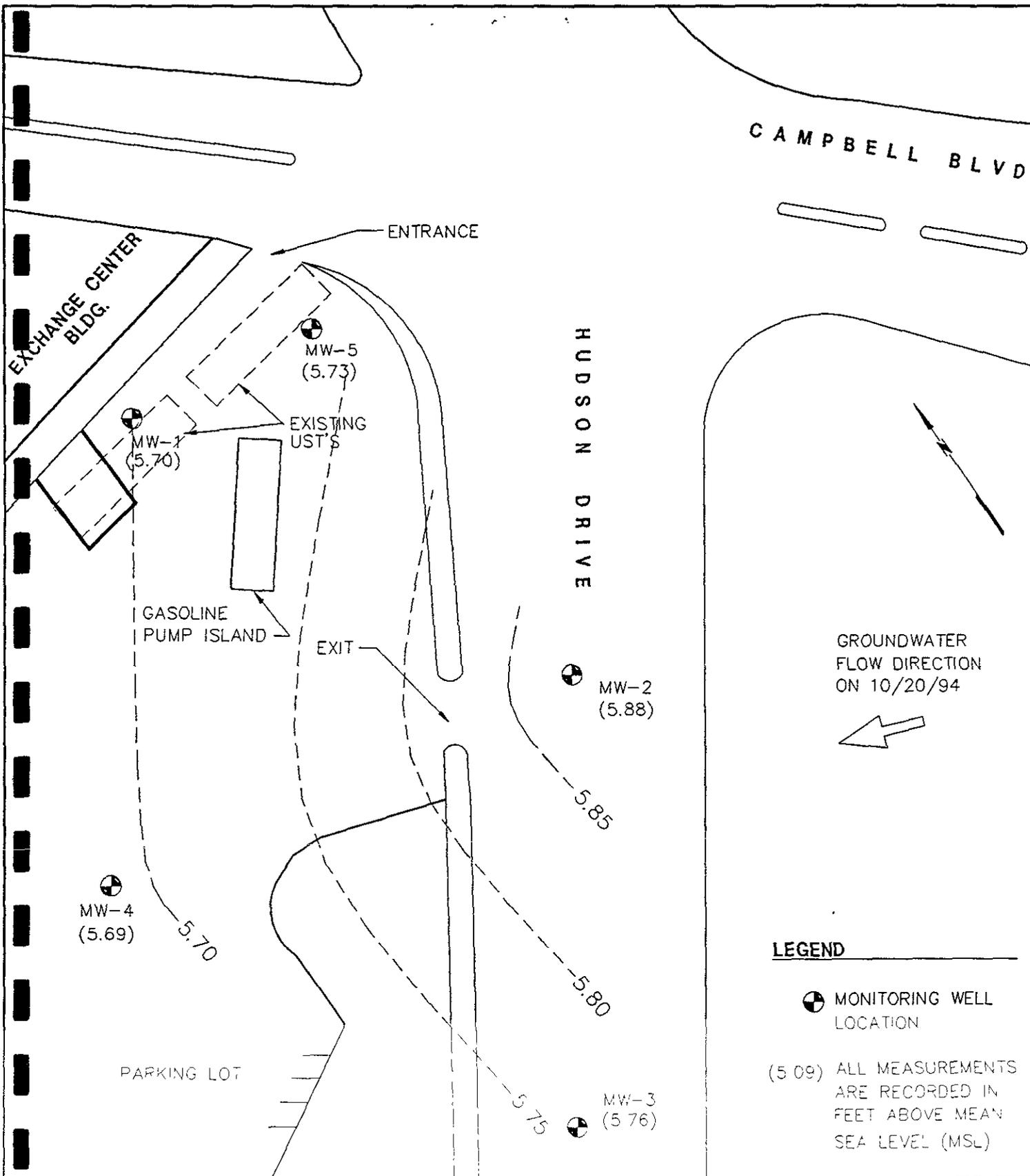
SUBJECT SITE

U.S. COAST GUARD

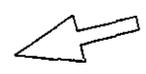
ALAMEDA, CALIFORNIA

SITE PLAN
NOT TO SCALE
PSI PROJECT NUMBER 582-34006

TECHNICIAN: BEVERLY JONES



GROUNDWATER FLOW DIRECTION ON 10/20/94



LEGEND

⊕ MONITORING WELL LOCATION

(5.09) ALL MEASUREMENTS ARE RECORDED IN FEET ABOVE MEAN SEA LEVEL (MSL)

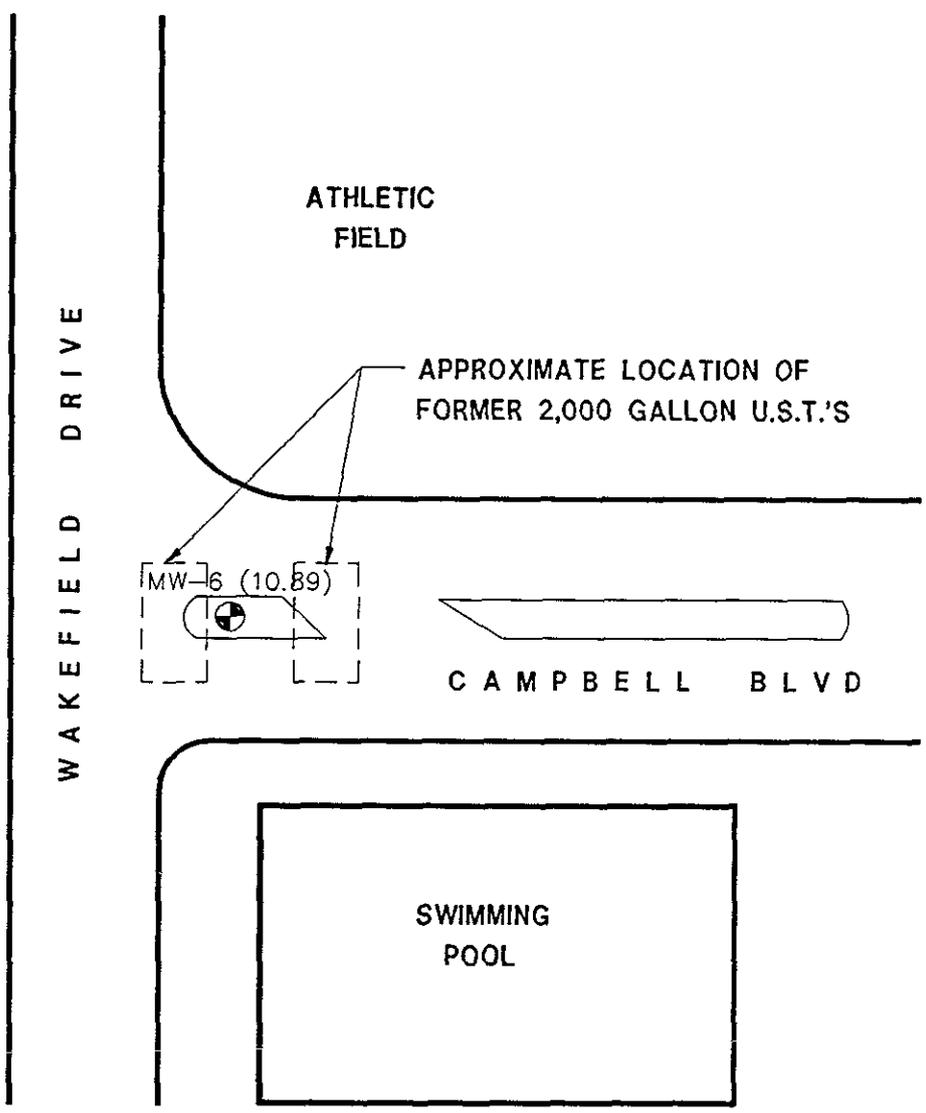


PROFESSIONAL SERVICE INDUSTRIES, INC.
 3730 MT DIABLO BLVD SUITE 345 LAFAYETTE, CA 94549
 (510) 284-3070

PROJECT NAME:
**U.S. COAST GUARD
 ALAMEDA, CA**

TITLE:
**GROUNDWATER
 CONTOUR MAP**

DATE	12/1/94
DWG NO.	34006-7
PROJ NO.:	582-34006
DRAWN BY:	NIMAN
APP'D BY:	B JONES
SCALE:	NOT TO SCALE



MW-6 (10.89)

APPROXIMATE LOCATION OF
FORMER 2,000 GALLON U.S.T.'S

CAMPBELL BLVD

SWIMMING
POOL

WAKEFIELD DRIVE

LEGEND



MONITORING WELL
LOCATION

(10 00) ALL MEASUREMENTS
ARE RECORDED IN
FEET ABOVE MEAN
SEA LEVEL (MSL)

C:\DWG\34006-3A



PROFESSIONAL SERVICE INDUSTRIES, INC.
3730 MT DIABLO BLVD, SUITE 345 LAFAYETTE CA 94549
(510) 284-3070

PROJECT NAME	U.S. COAST GUARD ALAMEDA, CA	DATE	12/1/94
DWG NO.:	34006-8	PROJ NO.:	582-34006
TITLE	GROUNDWATER ELEVATION MAP	DRAWN BY:	N TOOR
		APP'D BY:	B. JONES
		SCALE:	NOT TO SCALE

GROUNDWATER SAMPLING DATA

DAILY FIELD RECORD

DATE: 10/20/94

PAGE 1 of 2

Project No: 582-34006

Project Name: U.S. Coast Guard Alameda

Location: Alameda, CA

Time on Job: 10:00

 AM

AM

PM to: 5:30

 PM

Weather Conditions: Sunny

Activity: Quarterly Groundwater Sampling

PERSONNEL ON SITE

Name	Company	Time In	Time Out
Beverly Jones	PSI	10:30	5:30
Joe Derhake	PSI	11:30	2:30

VISITORS ON SITE

Name	Company/Agency	Time In	Time Out

PERSONAL SAFETY

<input checked="" type="checkbox"/>	Protective Gloves	<input checked="" type="checkbox"/>	Hard hat	<input type="checkbox"/>	Tyvek Coveralls (W/Y)
<input checked="" type="checkbox"/>	Protective Boots	<input checked="" type="checkbox"/>	Safety Goggles/Glasses	<input checked="" type="checkbox"/>	1/2 - Mask Respirator

Other Safety Equipment (describe):

Monitoring Equipment: Hy Pac combination pH/temperature/condition meter

Field Calibration: _____

WASTE STORAGE INVENTORY

Container Type	Container I.D.	Description of Contents and Quantity	Location
6-55 gal drums	purge	water MW-1, MW-2, MW-3, MW-4, MW-5, MW-6	
		10/20/94	on site

Signature of Field Representative _____

Date 10/20/94

Notes _____

PROFESSIONAL SERVICE INDUSTRIES, INC
 3730 MT DIABLO BLVD , SUITE 345
 LAFAYETTE, CA 94549
 (510) 284-3070

**LABORATORY RESULTS AND
CHAIN OF CUSTODY RECORD**

CHAIN OF CUSTODY RECORD



Professional Service Industries, Inc.

PROJECT NAME USCG Group	REPORT TO BEVERLY JONES	INVOICE TO	
PROJECT NUMBER 582-34006	PROJECT MANAGER BEVERLY JONES	ADDRESS	
P.O. NUMBER	ADDRESS 3730 Mt. Diablo Blvd #345	CITY / STATE / ZIP	Same
REQUIRED DUE DATE 7 days	CITY / STATE / ZIP 94549 Lafayette, Ca	ATTENTION	
SAMPLES TO LAB VIA	TELEPHONE	TELEPHONE	
	FAX 510-284-3154	510-284-3670	

LABORATORY SUBMITTED TO:

6913 Hwy. 225
Deer Park, TX 77536
(713) 479-8307

6056 Ulmerton Road
Clearwater, FL 34620
(813) 531-1446

4820 W. 15th Street
Lawrence, KS 66049
(800) 548-7901

850 Poplar Street
Pittsburgh, PA 15220
(412) 922-4000

NUMBER OF COOLERS	REPORT VIA U.S. MAIL OVERNIGHT	VERBAL FAX	
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LABORATORY USE ONLY	
ANALYTICAL DUE DATE	10-31-94
REPORT DUE DATE	11-1-94
INORGANIC Sect _____ Row 5	ORGANIC Sect _____ Row _____
PSI PROJECT NAME PSI-Delaware	
PSI PROJECT # 5940P582	
FBI BATCH # 37219	

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
		Christine 10/24/94 8:41	

LABORATORY USE ONLY	
FIELD SERVICES	Y/N \$
SHIPPING	Y/N \$

LABORATORY USE ONLY	
SAMPLE CUSTODIAN Chris Korb	DATE / TIME 10-24-94 8:41

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB NUMBER	NUMBER OF CONTAINERS	LAB USE ONLY	
						LAB USE ONLY	LAB USE ONLY
A10-1	10-21/94 10:30	B	W	848706	2	+	
A10-2	10-20/94 11:15	B	W	707	2	+	
A10-3	10-20/94	B	W	708	2	+	
A10-4	10-20/94	B	W	709	2	+	
A10-5	10-20/94	B	W	710	2	+	
A10-6	10/20/94	B	W	711	2	+	
Trip Blank			W	81270	2	X	and not set with me C.C.C. by client

LABORATORY USE ONLY		PARAMETER LIST									
FIELD SERVICES	SHIPPING										
		BIEX / TPN-6									

ADDITIONAL REMARKS _____ SAMPLER'S SIGNATURE _____

NOV 01 '94 04:12PM LAWRENCE CHEMISTRY P.9/10 517



Professional Service Industries, Inc.

ANALYTICAL REPORT

TESTED FOR: Professional Service Industries, Inc.
3730 Mt Diablo Blvd, Ste 345
Lafayette, CA 94549

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 1

ATTENTION: Beverly Jones

DATE: November 1, 1994

OUR REPORT NUMBER: 5940P582-37269

Attached, please find our analytical report for samples described on the Chain-of-Custody Record. Please reference our report number and direct any questions regarding this report to the individual designated below or to one of our Customer Service Representatives.

12/19/94
- Detection limit for
TPHg is a little
high at 100ppb
instead of 50ppb

Respectfully Submitted,
Professional Service Industries, Inc.

Lawrence Environmental
Chemistry Manager

11/1/94
Date

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 2

Batch #: 37269
Matrix: Water

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: A1Q-1 Our Sample #: 842706						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
Surrogate Recovery = 101%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 108%						
Client Sample #: A1Q-2 Our Sample #: 842707						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
Surrogate Recovery = 98%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 80%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 3

Batch #: 37269
Matrix: Water

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: A1Q-3 Our Sample #: 842708						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
Surrogate Recovery = 105%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 94%						
Client Sample #: A1Q-4 Our Sample #: 842709						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
Surrogate Recovery = 83%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 74%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006

PAGE: 4

Batch #: 37269
Matrix: Water

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
---------	---------	-------	--------	---------------	---------	-----

Client Sample #: A1Q-5
Our Sample #: 842710

TPH - PURGEABLE

Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
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Surrogate Recovery = 108%

BTEX

Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5

Surrogate Recovery = 87%

Client Sample #: A1Q-6
Our Sample #: 842711

TPH - PURGEABLE

Gasoline Range	0.2	mg/kg	5030/8015	10-31-94	MV	0.1
----------------	-----	-------	-----------	----------	----	-----

Surrogate Recovery = 76%

BTEX

Benzene	<2.5	ug/L	8020	10-31-94	MV	2.5
Toluene	<2.5	ug/L	8020	10-31-94	MV	2.5
Ethylbenzene	<2.5	ug/L	8020	10-31-94	MV	2.5
Xylenes	<2.5	ug/L	8020	10-31-94	MV	2.5

Surrogate Recovery = 80%

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 5

Batch #: 37269
Matrix: Water

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: Trip Blank Our Sample #: 842712						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-29-94	MV	0.1
Surrogate Recovery = 100%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 86%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 6

Batch #: 37269
Matrix: Water

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Method Blank						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-28-94	MV	0.1
Surrogate Recovery = 107%						
TPH - PURGEABLE						
Gasoline Range	<0.1	mg/kg	5030/8015	10-31-94	MV	0.1
Surrogate Recovery = 104%						
BTEX						
Benzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-28-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-28-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-28-94	MV	0.5
Surrogate Recovery = 100%						
BTEX						
Benzene	<0.5	ug/L	8020	10-31-94	MV	0.5
Toluene	<0.5	ug/L	8020	10-31-94	MV	0.5
Ethylbenzene	<0.5	ug/L	8020	10-31-94	MV	0.5
Xylenes	<0.5	ug/L	8020	10-31-94	MV	0.5
Surrogate Recovery = 91%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: USCG Group Alameda
PROJECT NUMBER: 582-34006
PAGE: 7

Batch #: 37269
Matrix: Water

CLIENT# (LAB#)	ANALYTE	PERCENT RECOVERY
Quality Control	TPH - PURGEABLE	
	Gasoline Range	104
	Surrogate Recovery = 108%	
	TPH - PURGEABLE	
	Gasoline Range	102
	Surrogate Recovery = 102%	
	Benzene	100
	Toluene	94
	Ethylbenzene	100
	Xylenes	100
	Total	99
	Surrogate Recovery = 98%	
	Benzene	99
	Toluene	96
	Ethylbenzene	101
Xylenes	100	
Total	99	
Surrogate Recovery = 92%		

GROUNDWATER ELEVATION DATA

GROUNDWATER ELEVATION DATA

<u>Well Number</u>	<u>Measuring Point Elevations</u>	<u>Date of Measurement</u>	<u>Depth to Water (feet)</u>	<u>Water Level Elevations</u>
MW-1	13.72	4/5/93	7.95	5.77
MW-1		7/8/93	8.20	5.52
MW-1		10/20/93	8.60	5.12
MW-1		10/20/94	8.02	5.70
MW-2	13.74	4/5/93	8.00	5.74
MW-2		7/8/93	8.20	5.54
MW-2		10/20/93	8.65	5.09
MW-2		10/20/94	7.86	5.88
MW-3	13.50	4/8/93	8.00	5.74
MW-3		7/8/93	8.10	5.40
MW-3		10/20/93	8.50	5.00
MW-3		10/20/94	7.74	5.76
MW-4	13.38	4/8/93	8.20	5.43
MW-4		7/8/93	8.00	5.38
MW-4		10/20/93	8.35	5.03
MW-4		10/20/94	7.69	5.69
MW-5	13.98	4/8/93	8.00	5.98
MW-5		7/8/93	8.55	5.43
MW-5		10/20/93	8.85	5.13
MW-5		10/20/94	8.25	5.73
MW-6	14.30	4/8/93	4.50	9.85
MW-6		7/8/93	4.90	9.40
MW-6		10/20/93	5.95	8.35
MW-6		10/20/94	3.41	10.89

1 Elevations in feet above Mean Sea Level.