

90 OCT 10 AM 11:37

8 October 1990
Project 1382B

Mr. Andrew Getz
HFH Limited
1351 Ocean Avenue
Emeryville, California 94608

Subject: Groundwater Sampling and Analysis
Monitoring Well 1A
1351 Ocean Avenue
Emeryville, California

Dear Mr. Getz:

As outlined in our 18 October 1988 scope of services, Geomatrix Consultants, Inc. (Geomatrix) has resampled monitoring well 1A, located at the subject site. Geomatrix collected the shallow groundwater sample for analysis as part of the self-monitoring program designed to assess whether diesel is present above detection limits in the shallow groundwater at the site.

The monitoring well, located approximately 10 feet west of a former diesel tank location (Figure 1), was installed on 3 November 1988 at the request of Mr. Dennis Byrne of the Alameda County Department of Health, Division of Hazardous Materials. Analyses of soil samples collected during construction of the well and of groundwater samples collected on 11 December 1988, 5 April 1989, 17 July 1989, and 29 March 1990 indicated no total petroleum hydrocarbons as diesel were present above detection limits.

Geomatrix resampled well 1A on 11 September 1990 in accordance with the groundwater sampling protocol contained in our February 1989 Soil Sampling and Groundwater Monitoring Report for the subject site (Appendix B, Protocol No. 3). A groundwater sample and duplicate were collected and delivered to Anametrix, Inc., a laboratory in San Jose, California, for analysis of total petroleum hydrocarbons as diesel, using the California Department of Health Services test method.

As indicated in the attached laboratory report, no diesel was present above the detection limit of 50 micrograms per liter. In summary, the results of the resampling efforts substantiate our previous findings that the soil and shallow groundwater surrounding the former diesel tank location have not been significantly impacted.

Mr. Andrew Getz
HFH Limited
8 October 1990
Page 2

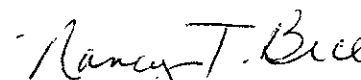
Because diesel fuel has not been detected in any of the five sampling analyses performed over the last two years, we recommend that the self-monitoring program for diesel be terminated. Accordingly, we will discontinue the sampling program at this well unless instructed by you to continue. Further, we recommend that monitoring well W-1 be abandoned in accordance with State and County guidelines, and we will prepare an abandonment proposal for your review before year end unless regulatory agency objections are received.

Please contact Elizabeth R. Jimison or the undersigned if you have any questions or require further information.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.



James H. Honniball
Staff Environmental Scientist



Nancy T. Bice, C.E.G.
Senior Hydrogeologist

JHH/NTB/evr

Enclosure

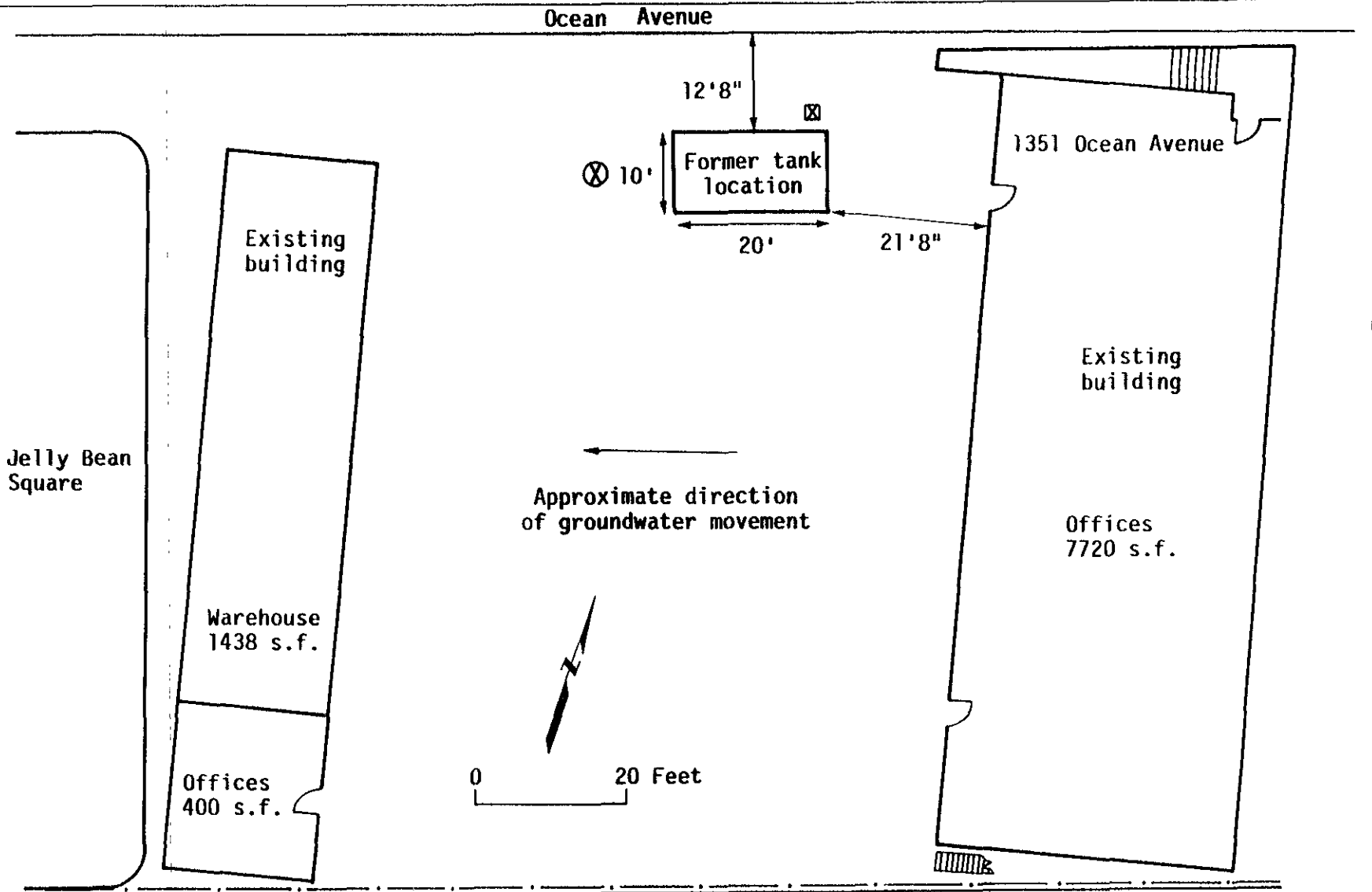
cc: Dennis Byrne, Alameda County Department of Environmental Health
Lisa McCann, California Regional Water Control Board,
San Francisco Bay Region



FORMER DIESEL TANK EXCAVATION AND MONITORING WELL
LOCATION MAP

1351 Ocean Avenue
Emeryville, California

Figure 1
Project No. 1382B



EXPLANATION

- ☒ Former diesel dispenser location
- ⊗ Approximate location of shallow groundwater monitoring well

ATTACHMENT

ANAMETRIX INC

SEP 27 1990

MS. BETH JIMISON
 GEOMATRIX CONSULTANTS - SAN FRANCISCO
 ONE MARKET PLAZA, SPEAR ST. TOWER STE 717
 SAN FRANCISCO, CA 94105

Workorder # : 9009109
 Date Received : 09/12/90
 Project ID : 1382B
 Purchase Order: N/A

The following samples were received at Anamatrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9009109- 1	MW-1

This report is paginated for your convenience and ease of review. It contains 4 pages excluding the cover letter. The report is organized into sections. Each section contains all analytical results and quality assurance data related to a specific group or section within Anamatrix. The Report Summary that precedes each section will help you determine which group at Anamatrix generated the data. The Report Summary will contain the signatures of the department supervisor and a chemist, both of whom reviewed the analytical data. Please refer all questions to the department supervisor that signed the form.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anamatrix.

Burt Sutherland

 Burt Sutherland
 Laboratory Director

09-21-90

 Date

RECEIVED
 SEP 27 1990
 Geomatrix Consultants, Inc

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. BETH JIMISON
GEOMATRIX CONSULTANTS - SAN FRANCISCO
ONE MARKET PLAZA, SPEAR ST. TOWER STE 717
SAN FRANCISCO, CA 94105

Workorder # : 9009109
Date Received : 09/12/90
Project ID : 1382B
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9009109- 1	MW-1	H2O	09/11/90	TPHd

RECEIVED

SEP 27 1990

Geomatrix Consultants, Inc.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MS. BETH JIMISON
GEOMATRIX CONSULTANTS - SAN FRANCISCO
ONE MARKET PLAZA, SPEAR ST. TOWER STE 717
SAN FRANCISCO, CA 94105

Workorder # : 9009109
Date Received : 09/12/90
Project ID : 1382B
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for workorder.

RECEIVED

SEP 27 1990

Geomatrix Consultants, Inc.

Cher K. Bolinger 9/21/90
Department Supervisor Date

Beth Jimison 9-21-90
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anamatrix W.O.: 9009109
Matrix : WATER
Date Sampled : 09/11/90
Date Extracted: 09/14/90

Project Number : 1382B
Date released : 09/21/90
Instrument I.D.: HP19

Anamatrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9009109-01	MW-1	09/19/90	50	ND
DWBL091490	METHOD BLANK	09/18/90	50	ND

ND - Not detected at or above the practical quantitation limit for the method.

TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Terri Jusica 9-21-90
Analyst Date

Cheryl Baiman 9/21/90
Supervisor Date

RECEIVED
SEP 27 1990
Geomatrix Consultants, Inc.

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT
 EPA METHOD 3510 WITH GC/FID
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : REAGENT WATER
 Matrix : WATER
 Date sampled : N/A
 Date extracted: 09/14/90
 Date analyzed : 09/19/90

Anamatrix I.D. : SPK091490
 Analyst : IY
 Supervisor : CB
 Date Released : 09/21/90

COMPOUND	SPIKE AMT. (UG/L)	MS (UG/L)	%REC MS	MSD (UG/L)	%REC MSD	RPD	%REC LIMITS
Diesel	500	500	100%	360	72%	33%	49-122

* Limits established by Anamatrix, Inc.

RECEIVED

SEP 27 1990

Geomatrix Consultants, Inc.

GEOMATRIX CONSULTANTS

ONE MARKET PLAZA
SPEAR STREET TOWER SUITE 717
SAN FRANCISCO, CALIFORNIA 94105
(415) 957-9557

Chain of Custody Record

DATE 9/22/10 PAGE 1 OF 1

PROJECT NO.
1382B

ANALYSES

SAMPLERS: (SIGNATURE)
[Signature]

GENERAL MINERAL	PRIORITY POLLUTANT METALS	EPA METHOD 624	EPA METHOD 625	EPA METHOD 601	EPA METHOD 602	EPA METHOD 608	PETROLEUM HYDROCARBONS	TPH-Disp	NUMBER OF CONTAINERS
								X	2

REMARKS
(SAMPLE PRESERVATION,
HANDLING PROCEDURES,
OBSERVATIONS, ETC.)

DATE TIME SAMPLE NUMBER

9/14/10 1005 MW-1

*ANALYTICAL
Normal Turnaround
Results to
Beth Jimison*

TOTAL NUMBER OF CONTAINERS 2

RELINQUISHED BY:	DATE	RECEIVED BY:
SIGNATURE		SIGNATURE
PRINTED NAME	TIME	PRINTED NAME
COMPANY		COMPANY

RELINQUISHED BY:	DATE	RECEIVED BY: (LAB)
SIGNATURE	<u>9/22/10</u>	SIGNATURE
PRINTED NAME	TIME	PRINTED NAME
COMPANY	<u>BYO</u>	LABORATORY

RELINQUISHED BY:	DATE	RECEIVED BY:
SIGNATURE		SIGNATURE
PRINTED NAME	TIME	PRINTED NAME
COMPANY		COMPANY

METHOD OF SHIPMENT: Hand Delivered
LABORATORY COMMENTS/OBSERVATIONS