

The logo for Aqua Terra Technologies (ATT) consists of the letters 'ATT' in a bold, serif font, with a stippled or textured background behind the letters.

3/15/89

ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS

March 8, 1989

Mr. Rafat A. Shahid
Alameda County Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94521

Subject: Results of First Quarter Sampling
4250 Horton Street
Emeryville, CA

Dear Mr. Shahid:

Aqua Terra Technologies
Consulting Engineers
& Scientists

2950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596
415 934-4884

Please find enclosed the analytical results from the first quarterly sampling event at 4250 Horton Street, Emeryville, CA. In accordance with the quarterly monitoring schedule proposed by Aqua Terra Technologies, Inc. (ATT), in the report to your office dated January 12, 1989, sampling of the monitoring well at the subject property was performed on February 1, 1989. ATT will conduct three additional samplings throughout 1989. Following each sampling, a brief letter report will be provided to your office.

Analysis of the February 1, 1989 groundwater sample revealed that petroleum hydrocarbons as total oil and grease were present at a detectable concentration. This result is not consistent with December 12, 1988 sample. To date, detectable levels of oil and grease have been observed in the groundwater at the 4250 Horton Street site in only one of the sampling events. The analytical result of the most recent sample was 88 mg/L. Further sampling, as provided for in ATT's January 12, 1989 report, will confirm or refute the February data. The next sampling event is scheduled for April 1989.

In addition to the analytical results, a copy of the chain of custody form and the sample collection record are provided herein.

ATT

Mr. Rafat A. Shahid
Alameda County Department of Environmental Health
March 8, 1989
Page 2

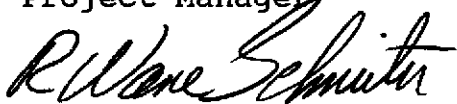
Please feel free to contact us if you have any questions
regarding this matter.

Sincerely,

Aqua Terra Technologies, Inc.



Bradley J. Bennett
Project Manager



R. Wane Schreiter, Ph.D.
Vice President

BJB/RWS:vj
Attachments

cc: A. Robin Orden, 45th Street Artist Cooperative

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

3440 Vincent Road Pleasant Hill, CA 94523 • (415) 930-9090 • FAX# (415) 930-0256

LABORATORY ANALYSIS REPORT

AQUA TERRA TECHNOLOGIES
2950 BUSKIRK AVENUE
SUITE 120
WALNUT CREEK, CA 94596

ATTN: BRAD BENNETT

CLIENT PROJECT NO: 883

REPORT DATE: 02/13/89

DATE SAMPLED: 02/01/89

DATE RECEIVED: 02/02/89

DATE EXTRACTED: 02/07/89

DATE ANALYZED: 02/07/89


MED-TOX JOB NO: 8902010

ANALYSIS OF: ONE WATER SAMPLE FOR TOTAL OIL & GREASE

METHOD: EPA 9070

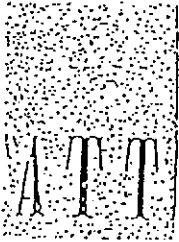
Sample Identification		Oil & Grease (mg/L)
Client Id.	Lab No.	
MWI	01A	88
CB	03A	ND
Detection Limit		1

ND = Not detected at or above indicated
method detection limit


Michael Lynch, Manager
Organic Laboratory

Results FAXed to Brad Bennett 02/08/89

934-4887



CHAIN OF SAMPLE CUSTODY RECORD

8902010

Collector: AQUA TERRA TECH Date Sampled: 2/1/89 Time: 0800
Location of Sampling: EMERYVILLE ARTIST-CO-OP

Project Number: 883 Survey Number:
Sample Type: GROUNDWATER
Container Type and Condition: 1 AMBER / COLD
Contract Laboratory Record/Name: MED TOX

Sample ID	Field Information
MW1	2-11 AMBERS 1A, B
TB	1-1 AMBER 2A 2
CB	1-1 AMBER 2A 3

Analysis Requested: TOG

Results Needed By: TWO WEEK TURNAROUND

Contact and results to be sent to: BRAD BENNETT

Travel Blank: Yes No Travel Blank to be Analyzed Separately: Yes No

Duplicate Samples: Yes No Duplicates to be Analyzed Separately: Yes No

Cleaning Blank: Yes No Cleaning Blank to be Analyzed Separately: Yes No

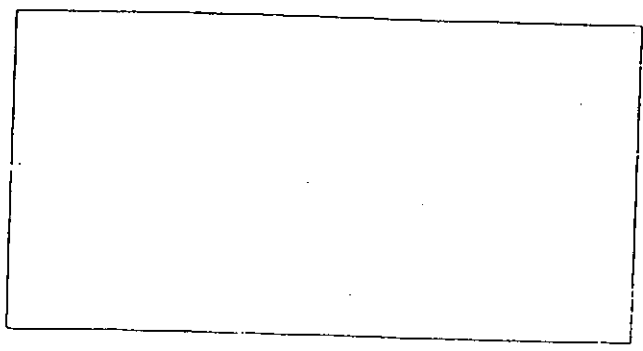
Background Soil Sample: Yes No Background Soil Sample to be Analyzed Separately: Yes No

Chain of Custody:

1. <u>[Signature]</u>	2/2/89
Field Personnel	Date
2. <u>[Signature]</u>	2/2/89
Courier	Date
3. <u>[Signature]</u>	2-2-89 1430
Lab	Date

ATT

ENVIRONMENTAL SAMPLE COLLECTION RECORD



Site Plan:

Date: 2/1/89 Time: 0800 Job No: 883

Sample ID: MW1 Location: ARTIST CO-OP

Sampling Procedure: 3 TIMES STANDING VOLUME WAS PURGED FROM WELL USING A TEFLON BAILER AND NYLON ROPE. A SAMPLE WAS THEN COLLECTED USING THE SAME EQUIPMENT.

Water Level: 8.05 pH: 7.18

Depth to bottom of well: 24.35 Salinity: € 719

Well Purge Volume: 10 GAL Turbidity: TC 17

Purge Water Fate: GROUND Organic Vapor: _____

Sampling Equipment: TEFLON BAILER, TEFLON AND STAINLESS STEEL B.F.D., NYLON ROPE

Equipment Cleaning Procedures: EQUIPMENT WAS WASHED IN A TSP SOLN THEN RINSED TWICE IN DISTILLED WATER

Sampling Handling/Storage: SAMPLES KEPT COLD UNTIL REACHING LAB

Sample Collected By: TODD MILLER

Signature: Todd Miller Title: STAFF ENGINEER