

G.W.
HAGEMAN-SCHANK, INC.

2723 Crow Canyon Rd., Suite 210
San Ramon, CA 94583
(415) 837-2926

89 NOV 31 AM 10: 57

November 27, 1989
Ref:DFD-1

Alameda County Health Care Services
Department of Environmental Health
Hazardous Materials Program
80 Swan Way
Oakland, CA 94621

Attention Mr. Gil Wistar, Hazardous Materials Specialist

Subject: Dougherty Fire Authority - Tank Removal
Dougherty Fire Station #1
7494 Donohue Drive, Dublin, CA

Dear Mr. Wistar;

As regards our telephone conversation earlier to-day, I enclosed a second set samples reports and a original set of the Unauthorized Release (leak) Contamination Site Report. I can't understand why you did not receive the first set.

What you have is the laboratory Analysis Report for the original set of soil samples taken in your presence on 11/2/89, the day the tanks were removed from the subject site. Also included is a second Laboratory Analysis Report on samples taken on 11/7/87 after additional soil was removed in an effort to dig out of the contamination in the excavation. As you can see we got to a depth of approximately 13'6" and encountered the saturated zone and did not remove any additional soil.

The soil that has been removed from the excavation has been spread and has been aerating for several weeks and has been turned over several times. I took 10 soil samples from the spoils pile and made two composite samples, they are presently at the laboratory for analysis at the present time. The report on that analysis is due Firday, December 1, 19889. Based on our conversation yesterday, if we can demonstrate the spoils pile is near non-decteded levels it will be okay to return that soil to the excavation as backfill? As we also discussed we will prepare a work plan for your approval to determine if groundwater has been impacted by installing three groundwater monitoring wells. We will develop the water gradient and better determine the extent of contamination.

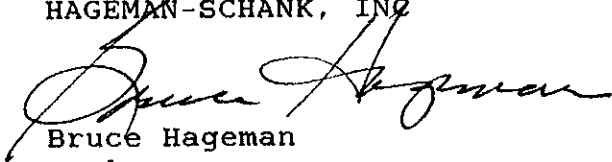
We would hope with your approval and the soil samples at the appropriate levels to be able backfill the excavation starting the Week of December 4th thru the 8th. We will be in touch with you for approval prior to starting.

November 27, 1989
Ref: Dougherty Fire Authority
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If you have questions concerning the enclosed material please do not hesitate to call me at the office.

Thanks for all your help and cooperation.

Sincerely,
HAGEMAN-SCHANK, INC

A handwritten signature in cursive script, appearing to read "Bruce Hageman".

Bruce Hageman

encls.

cc: Fire Marshal Tom Hathcox
Minter & Fahy Construction Co.

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste
- Drinking Water
- Waste Water
- Research and Method Development
- Consultation

November 3, 1989

ChromaLab File # 1189009

Hageman-Schank, Inc.

Attn: Bruce Hageman

Re: Four RUSH soil samples for Gasoline/BTEX and Diesel

Project Name: N/A


Duration of Analysis: Nov. 2-3, 1989


Results:

Sample No.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)
DFD SS#1	980	2400	540	2500	2760
DFD SS#2	810	1100	290	4400	4500
DFD SS#3	130	N.D.	170	180	51
DFD SS#4	1500	2500	2800	10000	20000
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	95.9%	86.6%	87.9%	100.6%	95.1%
DETECTION LIMIT	2.5	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	MOD.8015	8020	8020	8020	8020

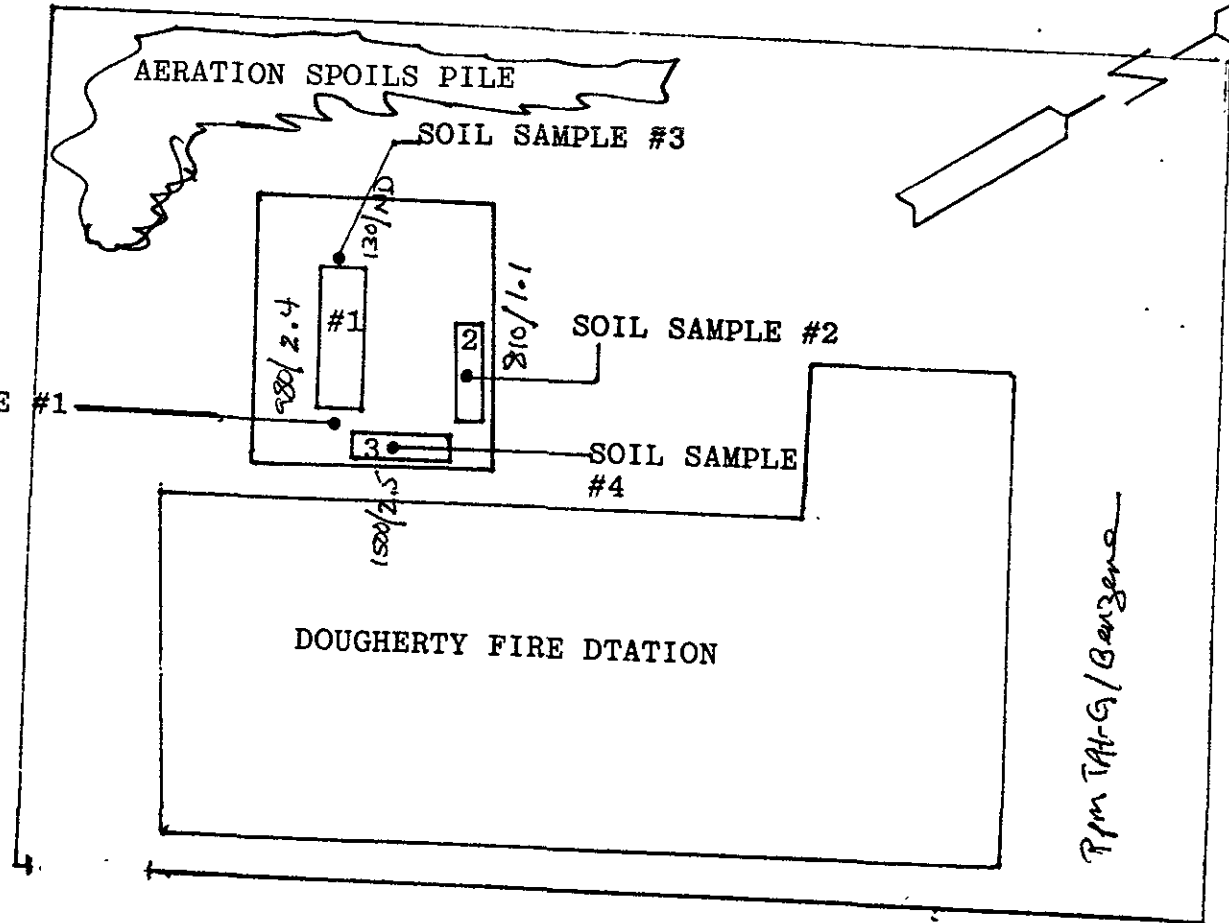
Sample No.	Diesel (mg/Kg)
DFD SS#2	N.D.
BLANK	N.D.
SPIKE RECOVERY	99.1%
DETECTION LIMIT	5.0
METHOD OF ANALYSIS	MOD.8015

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Laboratory Director

AMADOR VALLEY BLVD



SOIL SAMPLE #1

AERATION SPOILS PILE

SOIL SAMPLE #3

SOIL SAMPLE #2

SOIL SAMPLE #4

DOUGHERTY FIRE DTATION

Pm TAG/Benzene

DONOHUE DRIVE

SAMPLE DEPTH	LEGEND	TANK REMOVAL - DOUGHERTY FIRE STATION #		
SAMPLE # 1 at 11' SAMPLE # 2 " 11' SAMPLE # 3 " 11' SAMPLE # 4 " 9'	• - SAMPLE LOCATIONS <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 30px; height: 15px; margin-right: 5px; display: flex; align-items: center; justify-content: center;">#1</div> 4000 GASOLINE </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 30px; height: 15px; margin-right: 5px; display: flex; align-items: center; justify-content: center;">#2</div> 550 DIESEL </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 15px; margin-right: 5px; display: flex; align-items: center; justify-content: center;">#3</div> 550 GASOLINE </div>	SCALE: N/A	APPROVED BY:	
		DATE: 11-2-89	DRAWN BY:	
		PLAN VIEW		
		HAGEMAN-SCHANK, INC		DRAWING NUMBER

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#238)
- Drinking Water (#955)
- Waste Water
- Consultation

November 15, 1989

ChromaLab File # 1189037

Hageman-Schank, Inc.

Attn: Bruce Hageman


RE: Three soil samples for BTEX and Gasoline analysis


Project Name: DOUGHAERTY FIRE DEPARTMENT
Duration of Analysis: November 10-14, 1989

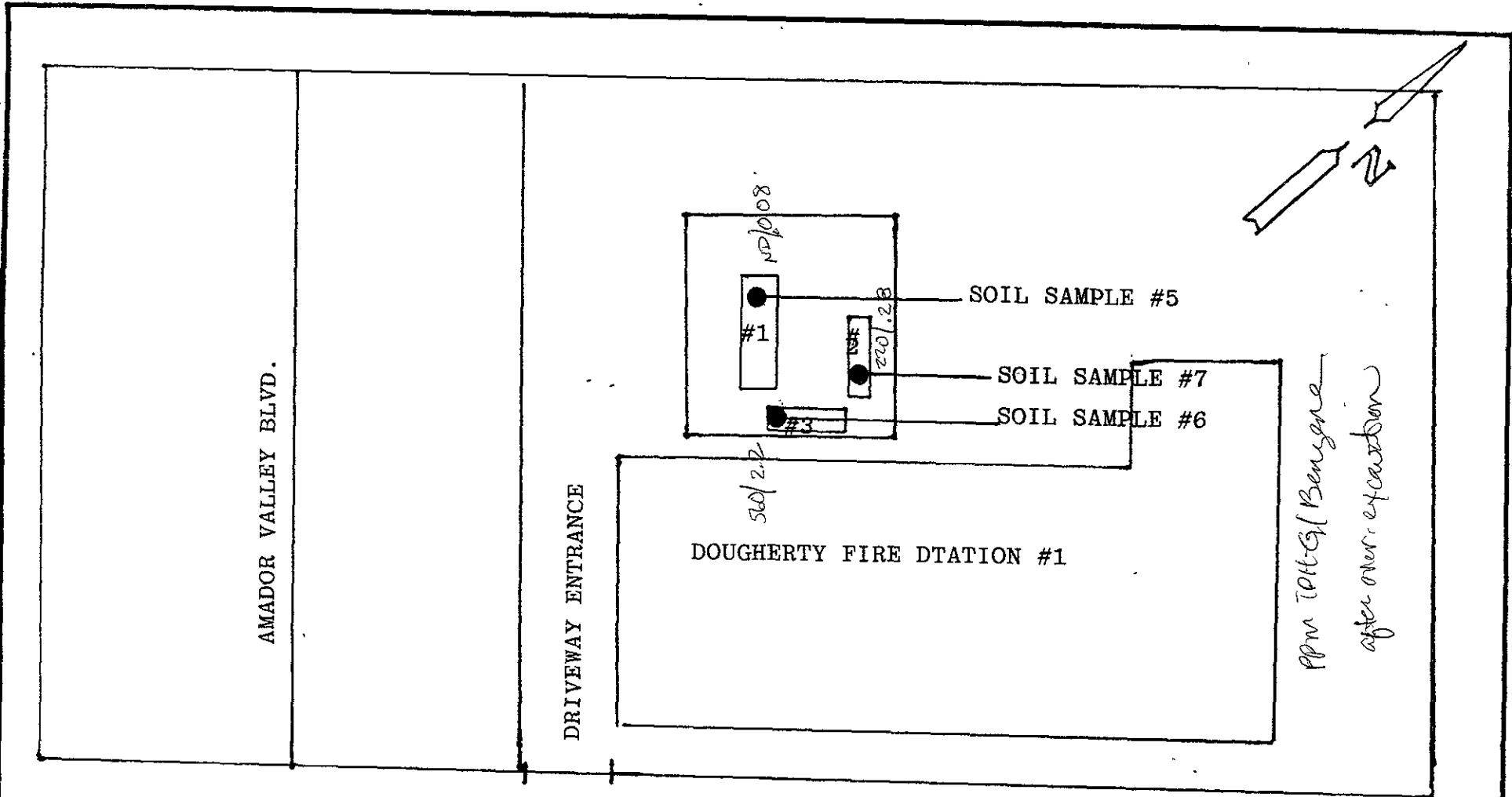
RESULTS:

Sample No.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)
DFD #5	N.D.	8.1	N.D.	N.D.	N.D.
DFD #6	560	2200	1700	3300	6500
DFD #7	220	280	930	1200	230
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	94.9%	82.8%	85.7%	96.3%	104.8%
DETECTION LIMIT	2.5	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	MOD.8015	8020	8020	8020	8020

ChromaLab, Inc.


David Duong
Senior Chemist


Eric Tam
Laboratory Director



SAMPLE DEPTH	LEGEND		
SAMPLE # 5 at 13' SAMPLE # 7 at 12.5' SAMPLE # 6 at 13'	● SAMPLE LOCATIONS #1 4000gal GASOLINE #2 550 GAL DIESEL #3 550 GAL GASOLINE	SCALE: <i>NA</i> DATE: <i>11-7-89</i>	APPROVED BY: DRAWN BY: <i>Brt</i> PLAN VIEW
		TANK REMOVAL -DOUGHTERY FIRE STATION # 1	
		HAGEMAN-SCHANK, INC	DRAWING NUMBER



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

239 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
415-771-8000

REGULATION 8, RULE 40
Aeration of Contaminated Soil and
Removal of Underground Storage Tanks

NOTIFICATION FORM

- Removal or Replacement of Tanks
- Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 7494 DONOHUE DRIVE

CITY, STATE, ZIP DUBLIN, CA 94568

OWNER NAME DOUGHERTY REGIONAL FIRE AUTHORITY

SPECIFIC LOCATION OF PROJECT DIRECTLY BEHIND MAIN FIRE STATION BUILDING

<p><u>TANK REMOVAL</u></p> <p>SCHEDULED STARTUP DATE _____</p> <p>VAPORS REMOVED BY:</p> <p>[] WATER WASH</p> <p>[] VAPOR FREEING (CO²)</p> <p>[] VENTILATION</p>	<p><u>CONTAMINATED SOIL EXCAVATION</u></p> <p>SCHEDULED STARTUP DATE <u>11/8/89</u></p> <p>STOCKPILES WILL BE COVERED? YES <u>X</u> NO _____</p> <p>ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW): <u>AERATION OF APPROX 40 CUBIC YARDS OF</u> <u>SOIL FROM GASOLINE TANK EXCAVATION, AVG.</u> <u>(MAY REQUIRE PERMIT)</u> <u>CONTAMINATION LEVEL LESS THAN 1000 ppm</u></p>
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CONTRACTOR INFORMATION

NAME MINTER & FAHY CONST. CO CONTACT JOHN FAHY

ADDRESS 411 N. BUCHANAN CIRCLE PHONE (415) 674-8800

CITY, STATE, ZIP PACHECO, CA 94553

CONSULTANT INFORMATION

(IF APPLICABLE)

NAME HAGEMAN-SCHANK, INC. CONTACT BRUCE HAGEMAN - GARY AGUIAR

ADDRESS 2321 CROW CANYON ROAD PHONE (415) 837-2926

CITY, STATE, ZIP SAN RAMON, CA 94583

FOR OFFICE USE ONLY

DATE RECEIVED _____ BY _____ (INIT.) _____

CC: INSPECTOR NO. _____ DATE _____ BY _____ (INIT.) _____

TELEPHONE UPDATE: CALLER _____ CHANGE MADE _____

BAAQMD N # _____