



# BLAINE TECH SERVICES INC.

1370 TULLY RD., SUITE 505  
SAN JOSE, CA 95122  
(408) 995-5535

November 21, 1986

SEP 29 '89 H.C.H.

Chevron USA, Inc.  
2 Annabel Lane, Suite 200  
San Ramon, CA 94583

Attention: Fara D. Vazinpour

Re: Field sampling at

Chevron Station  
West Grand & Telegraph  
Oakland, CA  
on  
October 24, 1986  
and  
October 27, 1986

SS# 9-3600  
FILE

Field sampling was undertaken in accordance with State and local enforcement agency standards and requirements for objective analytical information on the levels of residual contaminants found outside the primary containment structure. This project concerned the following:

Sampling of a re-excavated backfilled tank pit from which a tank had been previously removed in order to set a new tank in the same location.

Sampling was performed in accordance with approved methodology at the locations shown on the accompanying site diagram. Additional information is presented on the diagram including our field sampling designations and the lab identification numbers which reference the analytical results which will be found in the separate laboratory report. Sample material was collected in special containers appropriate to the type of analysis intended. Sample containers were sealed, chilled, and transported to the laboratory with standard chain of custody records maintained at each transmittal. This sampling report, the chain of custody, and the analytical report comprise the formal documentation of the sampling conducted during this phase of work at the site.

MAP REF: THOMAS BROS.  
ALAMEDA COUNTY  
P. 9 B-3

10-24-86 86297F1

#1 SUBSURFACE WATER SAMPLE  
ANALYSIS FOR TOTAL HYDRO-  
CARBONS (THC) AS GASOLINE,  
BENZENE, TOLUENE AND XYLENE

10-27-86 86300F1

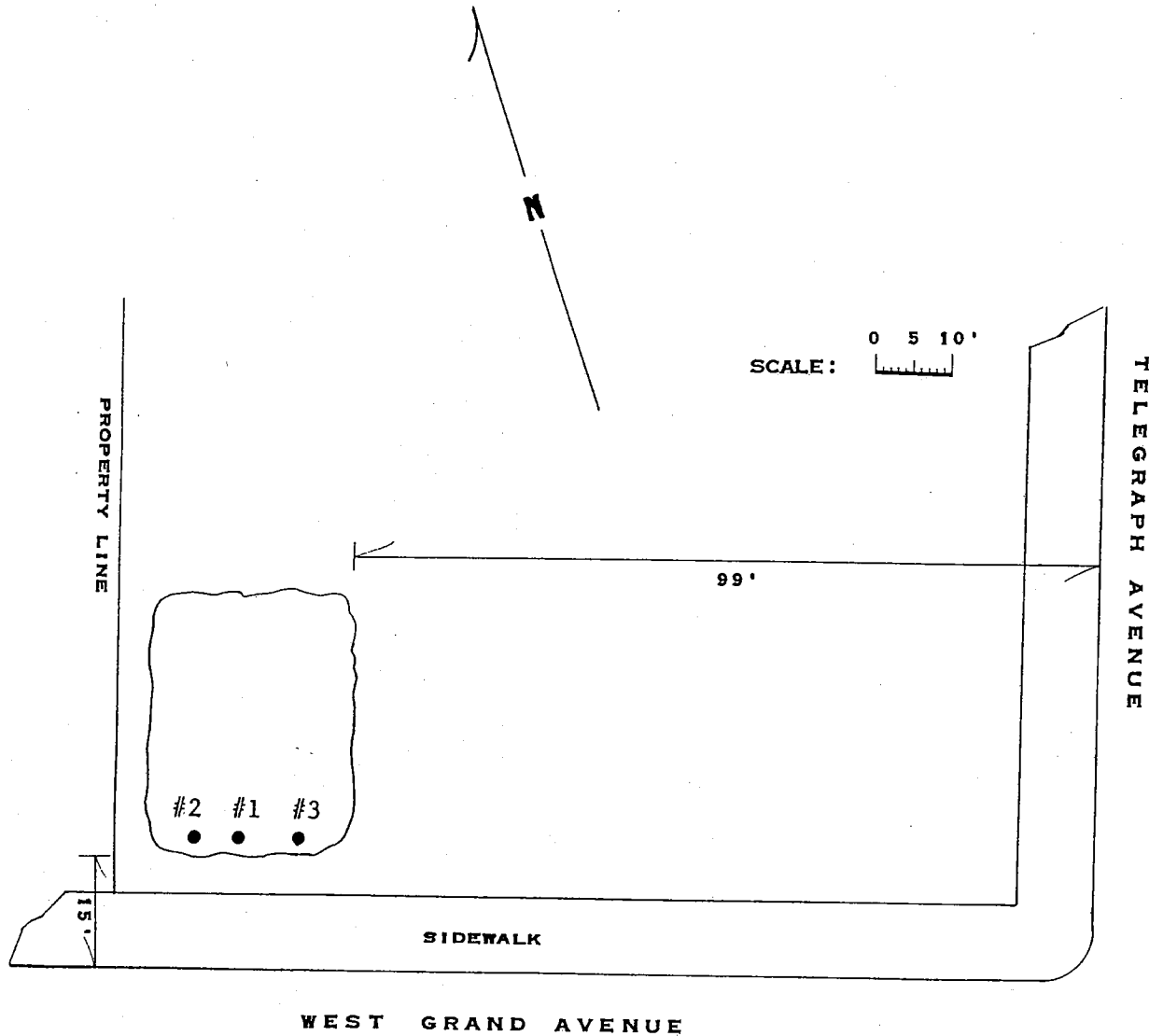
#2 SOIL FROM 13'  
ANALYSIS FOR THC AS GASOLINE

#3 SOIL FROM 13'  
ANALYSIS FOR THC AS GASOLINE

NOTE: ALL SAMPLES WERE TAKEN TO  
THERMO ANALYTICAL INC/ERG  
FOR ANALYSIS

SAMPLING PERFORMED BY  
FRANK A. CLINE

DIAGRAM PREPARED BY  
TAMMIE STALLINGS



Reportage

Submission to the Regional Water Quality Control Board and the local regulatory/enforcement agency should include copies of the sampling report, the chain of custody, and the laboratory report. The property owner should attach a cover letter and submit all documents together in a package.

The following addresses have been listed here for your convenience:

Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street  
Room 6040  
Oakland, CA 94607  
ATTN: Peter Johnson

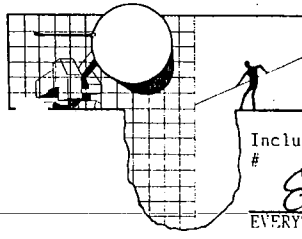
Alameda County Health  
Hazardous Materials Management  
420 27th Street  
Oakland, Ca 94612  
ATTN: Ted Jerow

If I can be of any further assistance, please call.

for Richard C. Blaine  
Richard C. Blaine

RCB/tls





# BLAINE TECH SERVICES

P.O. BOX 574:  
SAN JOSE, CA 9515:  
(408) 723-397.

Include ALL of the following designation in lab reports and invoices

# 86300 F1

*Chevron  
W Grand & Telegraph  
Oakland CA*

EVERYTHING written above this line is the project designation

Field sampling completed 10:00 hrs. 1027-86 performed by R. Allen

RELEASED BY \_\_\_\_\_ ACCEPTED BY \_\_\_\_\_

10:15 hrs. 1027-86 R. Allen 10:18 hrs. 10-27-86 Sue Dentz

\_\_\_\_\_: hrs. - -86 \_\_\_\_\_: hrs. - -86

\_\_\_\_\_: hrs. - -86 \_\_\_\_\_: hrs. - -86

\_\_\_\_\_: hrs. - -86 \_\_\_\_\_: hrs. - -86

I.D. TYPE ANALYSIS LAB # PRELIMS FINAL

#2 Soil THK (Gas) \_\_\_\_\_ (400) (4.5 ppm)

#3 Soil THK (Gas) \_\_\_\_\_ (NO)

TURN AROUND by 10/27/86 by APernan

REPORT TO: Chevron USA

BILLING INVOICE TO: \_\_\_\_\_

Attn Fara Vaccinour  
Phone (415) 838-9224

Attn \_\_\_\_\_  
Verbal/Ref PO From: \_\_\_\_\_

cc BLAINE TECH SERVICES (always)  
cc OTHER: \_\_\_\_\_

SPECIAL INSTRUCTIONS

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
( ) Phone results to BTS  
( ) Phone results to client direct



**Thermo Analytical Inc.**

TMA/ERG

1400 West 53rd Street

Suite 460

Emeryville, CA 94608-2946

(415) 652-2300

Chevron USA  
2 Annabel Lane, Suite #200  
San Ramon, CA 94583

October 27, 1986  
Report #9561  
Release #71

Attention: Fara Vazinpour

Site Location: Chevron Station #1853, West Grand and Telegraph,  
Oakland.

RE: One (1) water sample submitted on October 24, 1986 for rush-  
ASAP gasoline and BTX analyses.

Procedure: The sample is analyzed for gasoline by following the  
method described in Attachment 2, Analytical Procedures for Fuel  
Leak Investigations. The sample is concentrated on a Tekmar LSC-  
2 automatic sample concentrator prior to injection into a gas  
chromatograph fitted with a flame ionization detector.  
Quantitation is performed, as total hydrocarbon response, against  
solutions made from a known concentration of gasoline. The limit  
of detection for this method of analysis is one part per million  
(mg/L).

The aromatic levels are determined by following a modified EPA  
Method 602 procedure. The volatile components of the samples are  
concentrated with a Tekmar LSC-2 automatic sample concentrator  
prior to injection into a gas chromatograph fitted with a  
photoionization detector. Quantitation is performed against  
solutions made from known concentrations of aromatic compounds.  
The limit of detection is 0.5 parts per million (mg/L).

The results are shown below:

TMA/ERG #	CLIENT ID	Concentration (mg/L)			TOTAL
		BENZENE	TOLUENE	XYLENES	HYDROCARBON RESPONSE
9561-1	86297 F1 #1	10	ND(0.5)	ND(0.5)	480

ND = None detected. The limit of detection is in ( ).

Submitted by:

Robert B. Flay  
Manager, Organics Department

RBF: sml

cc: Rich Blaine  
Blaine Tech Services  
P. O. Box 5745