

GROUNDWATER TECHNOLOGY, INC.

4080-D Pike Lane, Concord, CA 94520

(415) 671-2387

August 22, 1989

Job No. 203 799 8208.01

Ms. JoAnne Stewart
Good Chevrolet
1630 Park Street
Alameda, CA 94501

Re: Results of Groundwater Sampling, Good Chevrolet,
1630 Park Street, Alameda, California

Dear Ms. Stewart:

Enclosed is a copy of the letter/report prepared by Groundwater Technology, Inc. (GTI) which presents the results of the July 12, 1988, groundwater sampling at the Good Chevrolet site located at 1630 Park Street in Alameda, California. Included is a discussion of the sampling procedures and results of laboratory analyses.


As stated in the enclosed letter/report, subsurface contamination by various chemical constituents of gasoline was detected in each of the three monitoring wells on site. The areal extent of the subsurface contamination cannot be determined using the present data. Further investigation will be necessary to satisfy regulations set forth by the California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB-SBR), and the Alameda County Water District (ACWD). The depth and scope of further investigation is usually determined on a site-specific basis through interaction with the ACWD, and the CRWQCB-SBR.

Groundwater samples from all three of the monitoring wells at the site exhibited concentrations of benzene, and two of the wells exhibited concentrations of toluene higher than is accepted by the State of California Department of Health Services (DHS).

Ms. JoAnne Stewart
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After reviewing the enclosed report, please forward a copy to the ACWD and the CRWQCB-SBR. Groundwater Technology, Inc. is pleased to have been of service to Good Chevrolet. If we can provide further assistance in the form of a proposal outlining a scope of work for additional site assessment or options for site clean up, please contact our Concord office at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.



Craig Robertson
Geologist

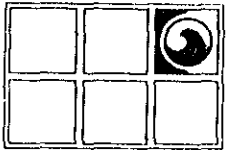


Lynn E. Pera
Registered Civil Engineer
No. 33431



Enclosures

CR:LEP:lf
L820801C



GROUNDWATER TECHNOLOGY, INC.

4080-D Pike Lane, Concord, CA 94520

(415) 671-2387

August 22, 1989
Job No. 203 799 8208.01

Ms. JoAnne Stewart
Good Chevrolet
1630 Park Street
Alameda, CA 94501

Re: Groundwater Analyses Results, Good Chevrolet,
1630 Park Street, Alameda, California

Dear Ms. Stewart:

Please find enclosed, a copy of the laboratory report for the analyses performed on groundwater samples collected by Groundwater Technology, Inc. (GTI) at the Good Chevrolet site located at 1630 Park Street in Alameda, California (Figure 1). Three wells, MW-1, MW-2 and MW-3, were monitored and sampled on July 12, 1989 (Figure 2). The analyses of the samples were performed by GTEL Environmental Laboratories, Inc. (GTEL), a state-certified laboratory in Concord, California. Also included is a potentiometric surface map indicating the groundwater-flow direction (Figure 3).

Prior to sampling, each monitoring well was purged of four- to ten-well volumes by hand bailing. After allowing each well to recover to at least 80 percent of the original static water level, groundwater samples were collected using a U.S. Environmental Protection Agency (EPA)-approved Teflon^R sampler. The samples were then transferred to 40-milliliter, septum-capped, glass vials in such a way that no headspace existed in the vials after sealing. The sample vials were immediately labeled with sample location, job number, date, and type of analyses to be performed. All vials were stored on ice for shipment to GTEL for analyses and were accompanied by a Chain-of-Custody Manifest.

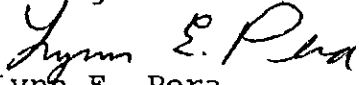
Ms. JoAnne Stewart
August 22, 1989
Page 2

The groundwater samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), miscellaneous hydrocarbons, and total petroleum hydrocarbons (TPH)-as-gasoline using modified EPA Methods 5030/8020/8015. Monitoring well MW-3, which is directly north of the tank pit, was found to have the highest concentrations for all analyzed constituents with the exception of miscellaneous hydrocarbons. Benzene and TPH-as-gasoline were detected at concentrations of 3,100 and 7,800 parts per billion (ppb) respectively, in this well. Toluene was detected at 900 parts per million (ppm). Monitoring well MW-2 exhibited concentrations of 2,700 and 7,600 ppb for benzene and TPH-as-gasoline, respectively. Monitoring well MW-1 was found to have the lowest detected concentrations for all analyzed constituents with benzene and TPH-as-gasoline levels at 470 and 1,200 ppb, respectively. Detected concentrations of all analyzed constituents for each well can be found on the attached laboratory analyses report.

Groundwater Technology, Inc. is pleased to have been of service to Good Chevrolet. If you require further information or have any questions, please contact our Concord office at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.


Craig Robertson
Geologist


Lynn E. Pera
Registered Civil Engineer
No. 33431

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CR:LEP:lf
L820801C



PARK AVENUE

CHEVROLET
DEALERSHIP BLDG.

TANK
PIT
AREA

3,100 ppb Benzene
7,800 ppb TPH
⊙ (95.52)
MW3

ESTIMATED
FLOW
DIRECTION
2,700 ppb Benzene
7,600 ppb TPH
⊙ (95.62)
MW2

⊕
SB4

FENCE

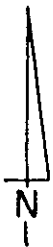
470 ppb Benzene
1,200 ppb TPH
⊙ (95.83)
MW1

⊕
SB5

LEGEND

- ⊙ MONITORING WELL
- ⊕ SOIL BORING
- () GROUNDWATER ELEVATION (FT.)
- - - POTENTIOMETRIC SURFACE CONTOUR (FT.)

Figure 3. Potentiometric Surface Map
(8/11/89)



NO SCALE

GOOD CHEVROLET
ALAMEDA, CALIFORNIA



GROUNDWATER
TECHNOLOGY

LGTEL

ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region
4080 Pike Lane
Concord CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423 7143 from outside California

07/19/89 MH

Page 1 of 1

WORK ORD#: C907208

CLIENT: CHIP PROKOP
GROUNDWATER TECHNOLOGY, INC.
4080-D PIKE LANE
CONCORD, CA 94520

PROJECT#: 203-799-8208.02-1

LOCATION: ALEMEDA, CA

SAMPLED: 07/12/89 BY: G. MASON

RECEIVED: 07/13/89

ANALYZED: 07/13/89 BY: R. CONDIT

MATRIX: Water

UNITS: ug/L (ppb)

PARAMETER	MDL	SAMPLE # I.D.	01 MW 2B	02 MW 2	03 MW 1	04 MW 3
Benzene	0.5		<0.5	2700	470	3100
Toluene	0.5		<0.5	540	49	900
Ethylbenzene	0.5		<0.5	250	45	300
Xylenes	0.5		<0.5	320	33	480
Total BTEX	0.5		<0.5	3800	600	4800
Misc. Hydrocarbons (C4-C12)	1		<1	3800	600	3000
Total Petroleum Hydrocarbons as Gasoline	1		<1	7600	1200	7800

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD: Modified EPA 5030/8020/8015

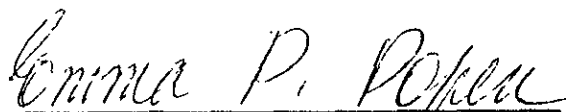

EMMA P. POPEK, Laboratory Director



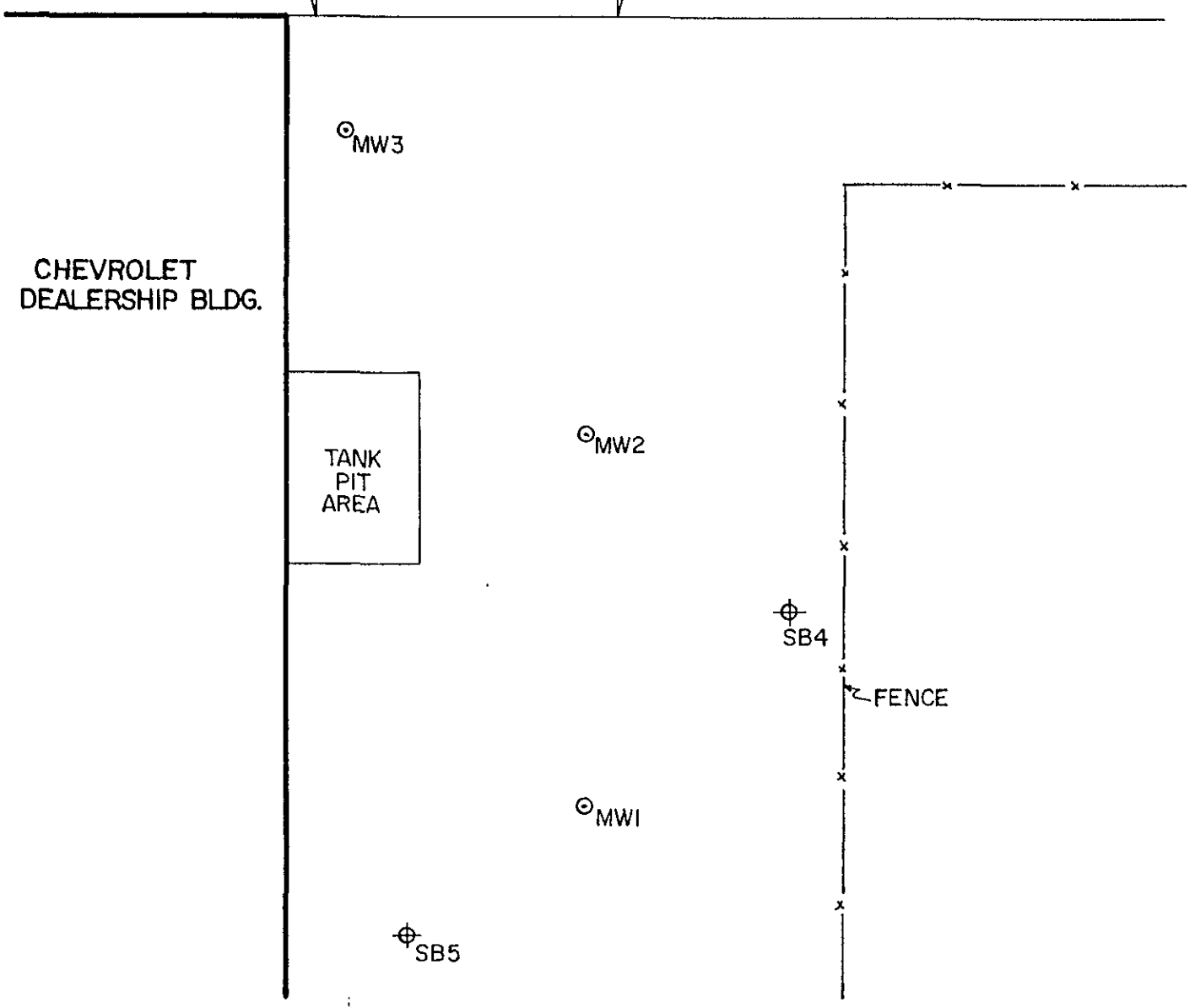
Figure 1. Site Location Map

GOOD CHEVROLET
ALAMEDA, CALIFORNIA



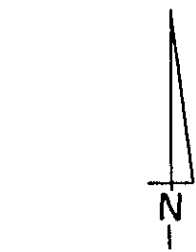
GROUNDWATER
TECHNOLOGY

PARK AVENUE



LEGEND
⊙ MONITORING WELL
⊕ SOIL BORING

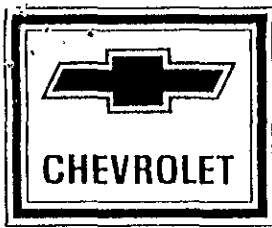
Figure 2. Site Plan



NO SCALE

GOOD CHEVROLET
ALAMEDA, CALIFORNIA





GOOD CHEVROLET

1630 Park Street • Phone 415/522-9221

ALAMEDA, CA 94501

April 11, 1989

Mr. Greg Zentner
Water Quality Control Board
Region 2
1111 Jackson Street
Room 6040
Oakland, CA 94607

Re: 1630 Park Street - Alameda, CA

Dear Mr. Zentner:

Enclosed is a copy of results of groundwater sampling at the above address, which we have been advised should be mailed to your attention.

Very truly yours,

JoAnn Stewart

JKS:js

Enclosure

