

Groth Bros.

CHEVROLET / OLDSMOBILE / GEO

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85 JAN 17 PM 2:33

January 15, 1995

Ms. Eva Chu
Alameda County Health
Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, #250
Alameda, Ca 94502

Compare TCE detected w/ MCLs
and PPEs

Dear Ms. Chu,

Please find our Forth Quarter Report conducted by Tank Protect Engineering. As of this last and final report all tanks are clear, with no contamination found.

We have fulfilled our obligations that were made at the meeting with your office and the B.P. Service Station to conduct testing on our property. As I stated before, no contamination was found we are closing up our site. We have paid thousands of dollars in fees to have this testing done, and we are considering this case closed as far as Groth Bros. involvement goes.

If you have any questions concerning this matter, please feel free to contact me at (510)447-3190.

Thank you,



Robin Groth-Hill
Controller/Corporate Secretary
Groth Bros. Oldsmobile



59 SOUTH L STREET • P.O. BOX 232 • LIVERMORE, CALIFORNIA 94550
SALES & BODY SHOP (510) 447-3190
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EMVING
JAN 17 1995

January 9, 1995⁶

Mr. Richard Groth
59 South L Street
Livermore, CA 94550

Re: Fourth Quarter Report, 1995, Groth Bros. Olds, Inc., 59 South L Street,
Livermore, CA 94550

Dear Mr. Groth:

Tank Protect Engineering of Northern California, Inc. (TPE) is pleased to submit this quarterly letter report of environmental services conducted at the subject site. Previous work conducted at the site is summarized and work conducted during the subject quarter is presented in detail.

Work performed by TPE during second quarter, 1995:

- May 1, 1995 - Measured depth-to-groundwater in groundwater monitoring well MW-1 and collected a groundwater sample from the well for analysis for total petroleum hydrocarbons as diesel and gasoline (TPHD and TPHG, respectively); for benzene, toluene, ethylbenzene and xylenes (BTEX); for oil and grease (O&G); for volatile organic compounds (VOC's) and for Ni, Pb, Zn, CD and Cr (METALS). Also, analyzed a trip blank sample (MW-2) for TPHG and BTEX.
- May 31, 1995 - Submitted to the client a Second Quarter Report, 1995, Groth Bros. Olds, Inc., 59 South L street, Livermore, CA 94550.

Work performed by TPE during third quarter, 1995:

- August 2, 1995 - Measured depth-to-groundwater in groundwater monitoring well MW-1 and collected a groundwater sample from the well

for analysis for TPHD, TPHG, BTEX, MTBE, O&G, VOC's and METALS. Also, analyzed a trip blank sample (MW-2) for TPHG, BTEX, and MTBE.

- . September 6, 1995 - Submitted to the client a Third Quarter Report, 1995, Groth Bros. Olds, Inc., 59 South L street, Livermore, CA 94550.
- . September 22, 1995 - In a letter to the client the Alameda County Health Care Services Agency allowed for the discontinuation of analysis for METALS during future sampling events (see attached letter).

WORK PERFORMED BY TPE DURING FOURTH QUARTER, 1995:

- . November 1, 1995 - Measured depth-to-groundwater in groundwater monitoring well MW-1 and collected a groundwater sample from the well for analysis for TPHD, TPHG, BTEX, MTBE, O&G, and VOC's. Also, analyzed a trip blank sample (MW-2) for TPHG, BTEX, and MTBE.

Details of the above work are presented below.

Depth-To-Groundwater Measurement

On November 1, 1995 depth-to-groundwater was measured from top-of-casing (TOC) in well MW-1 to the nearest 0.01 foot using an electronic Solinst water level meter. A minimum of 3 repetitive measurements were made for each level determination to ensure accuracy.

Depth-to-groundwater was 30.24 feet.

Groundwater Sampling and Analytical Results

On November 1, 1995, a groundwater sample was collected from groundwater monitoring well MW-1. Before sampling, well MW-1 was purged of about 24 liters of groundwater with a dedicated polyethylene bailer and until the temperature, conductivity and pH of the water in the well had stabilized (see attached Record of Water Sampling). Water samples were collected in laboratory provided, sterilized, 1-

liter glass bottles and 40-milliliter glass vials having Teflon-lined screw caps, and a 300-milliliter polyethylene bottle; measured for turbidity and labeled with project name, date and time collected, sample number and sampler name. The samples were immediately stored in an iced-cooler for transport to California State Department of Health Services (DHS) certified Trace Analysis Laboratory, Inc. located in Hayward, California accompanied by chain-of-custody documentation.

The groundwater sample was analyzed for TPHD and TPHG by the DHS Method; for BTEX and MTBE by the Modified United States Environmental Protection Agency (EPA) Method 8020; for O&G by (EPA) Method 5520BF and for VOC's by EPA Method 8240. Trip blank sample, MW-2, was analyzed for TPHG, BTEX and MTBE.

The well was checked for floating product using a dedicated, disposable polyethylene bailer. No odor, sheen, or floating product was detected in the well.

Purge water is stored on site in 55-gallon drums labeled to show material stored, known or suspected chemical contaminant, date filled, expected removal date, company name, contact person and telephone number.

See attached protocols for TPE's sample handling, groundwater monitoring well sampling and quality assurance and quality control procedures.

Analytical results detected concentrations of 110 parts per billion (ppb) of TPHG and 300 ppb of tetrachloroethane in well MW-1. All other analytical results were nondetectable.

TPHG, BTEX and MTBE chemicals were nondetectable in trip blank sample, MW-2.

Analytical results are summarized in attached Table 1 and documented in the attached certified analytical reports and a chain-of-custody.

DISCUSSION AND RECOMMENDATIONS

TPHG and tetrachloroethane were detected in well MW-1 at concentrations of 110 ppb and 300 ppb, respectively. TPE recommends continued quarterly groundwater sampling to monitor the trends of contaminate concentrations at the subject site.

TABLE 1
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHD	TPHG	Methyl t-Butyl Ether	Benzene	Toluene	Ethyl-benzene	Xylenes	Oil & Grease
MW-1	05/01/95 ²	<50	160	NA	<0.50	<0.50	<0.50	<1.5	<5,000
	08/02/95 ³	110	160	<5.0	<0.50	<0.50	<0.50	<1.5	<5,000
	11/01/95 ⁴	<50	110	<5.0	<0.50	<0.50	<0.50	<1.5	<5,000
MW-2 ⁵	05/01/95	NA ⁶	<50	NA	<0.50	<0.50	<0.50	<1.5	NA
	08/02/95	NA	<50	<5.0	<0.50	<0.50	<0.50	<1.5	NA
	11/01/95	NA	<50	<5.0	<0.50	<0.50	<0.50	<1.5	NA

¹ PARTS PER BILLION

² ALSO ANALYZED BY EPA METHOD 8240. TRICHLOROETHENE AND TETRACHLOROETHENE WERE DETECTED AT CONCENTRATIONS OF 5.4 ppb AND 210 ppb, RESPECTIVELY.

³ EPA METHOD 8240 DETECTED TETRACHLOROETHENE AT CONCENTRATIONS OF 150 ppb.

⁴ EPA METHOD 8240 DETECTED TETRACHLOROETHENE AT CONCENTRATIONS OF 300 ppb.

⁵ TRIP BLANK

⁶ NOT ANALYZED