

D & D Management Consultants, Inc.

P.O. Box 23040
San Jose, CA 95153
(408) 683-4254
FAX (408) 683-2359

May 22, 1991

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Attention: Mr. Scott Seery

Subject: Castro Valley Autohaus, 20697 Parkway, Castsro
Valley, CA


Dear Mr. Seery:

In accordance with our recent conversation the following represents a summary of the well installation at the subject property.

- * On February 13, 1991 one groundwater monitoring well was installed. See attached well log and soil sample results dated 3-7-91.
- * The groundwater monitoring well was developed by IT Corporation on May 17, 1991. Work contracted by Castro Valley Autohaus directly.
- * Water samples to be collected by IT Corporation. Work contracted by Castro Valley Autohaus directly.
- * Upon our receipt of technical information from Castro Valley Autohaus. A final report will be prepared and submitted to you. This should be completed within 10 days of our receipt of information.

If you need any additional information please call.

Very Truly Yours,

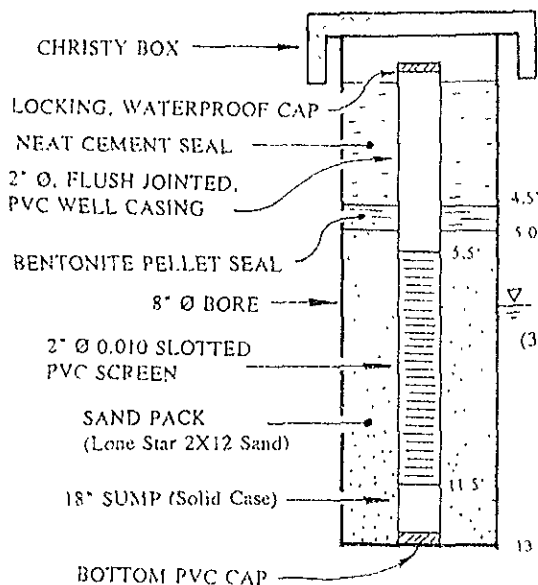

Paul T. Dzakowic
President

PTD:sed

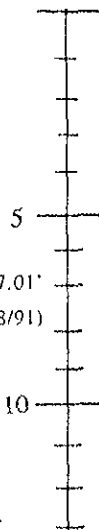
cc Castro Valley Autohaus
w/enclosure

91 MAY 24 AM 11:27

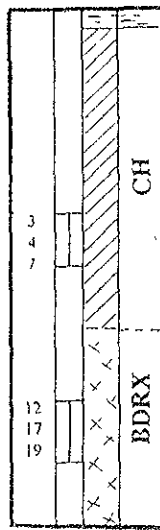
WELL CONSTRUCTION DETAILS



DEPTH (ft.)



BLOWS/ft.
SAMPLE LOG
SOIL TYPE



BORING LOG

DESCRIPTION

4" Asphalt and Base

SILTY CLAY: High Plasticity, brownish black, very moist.

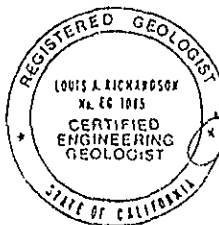
Gray brown at 5'

Drilling harder and drier at 8'

SHALE: Hard; dark gray with dark brown staining on fractures; dry with slight moisture on fractures at 10' depth

Slow drilling and dry cuttings to 13'

Boring Terminated at 13.0' in shale 2/13/91
Free groundwater not evident at time of drilling, but perched water measured at 7.01' on 3/8/91, after rains.



Louis A. Richardson



CASTRO VALLEY AUTOHAUS
Castro Valley, CA

LOUIS A. RICHARDSON
Consulting Engineering Geologist

BORING AND MONITORING WELL LOG

PROJECT NO	DATE	DRAWING NO.
463.45	March 1991	



CERTIFICATE OF ANALYSIS

Date: 03/07/91

D & D Management Consultants
6440 Hasket Court
San Jose, CA 95123
Paul Dzakowic

Work Order: T1-02-140

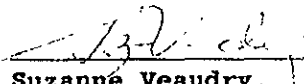
This is the Certificate of Analysis for the following samples:

Client Work ID: 20697 Parkway
Date Received: 02/14/91
Number of Samples: 2
Sample Type: solid

TABLE OF CONTENTS FOR ANALYTICAL RESULTS

<u>PAGES</u>	<u>LABORATORY #</u>	<u>SAMPLE IDENTIFICATION</u>
3	T1-02-140-01	Monitoring Well #1 @ 5'
5	T1-02-140-02	Monitoring Well #1 @ 10'
6	T1-02-140-03	Quality Control

Reviewed and Approved:


Suzanne Veaudry
Project Manager

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories
American Association for Laboratory Accreditation

Company: D & D Management Consultants

Date: 03/07/91

Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST NAME: Vol. Organics EPA 624/8240

SAMPLE ID: Monitoring Well #1 @ 5'

SAMPLE DATE: 02/13/91

LAB SAMPLE ID: T102140-01

SAMPLE MATRIX: solid

RECEIPT CONDITION: Cool

EXTRACTION DATE: N/A

ANALYSIS DATE: 02/20/91

RESULTS in Milligrams per Kilogram:

PARAMETER	DETECTION		PARAMETER	DETECTION	
	LIMIT	DETECTED		LIMIT	DETECTED
Chloromethane	0.012	None	cis-1,3-Dichloropropene	0.006	None
Bromomethane	0.012	None	Trichloroethene	0.006	None
Vinyl Chloride	0.012	None	Chlorodibromomethane	0.006	None
Chloroethane	0.012	None	1,1,2-Trichloroethane	0.006	None
Dichloromethane	0.006	None	Benzene	0.006	None
Acetone	0.012	0.033	trans-1,3-Dichloropropene	0.006	None
Carbon Disulfide	0.006	None	Bromoform	0.006	None
1,1-Dichloroethene	0.006	None	4-Methyl-2-Pentanone	0.012	None
1,1-Dichloroethane	0.006	None	2-Hexanone	0.012	None
1,2-Dichloroethene (total)	0.006	None	Tetrachloroethene	0.006	None
Chloroform	0.006	None	1,1,2,2-Tetrachloroethane	0.006	None
1,2-Dichloroethane	0.006	None	Toluene	0.006	None
2-Butanone	0.012	None	Chlorobenzene	0.006	None
1,1,1-Trichloroethane	0.006	None	Ethylbenzene	0.006	None
Carbon Tetrachloride	0.006	None	Styrene	0.006	None
Vinyl Acetate	0.012	None	Xylenes (total)	0.006	None
Bromodichloromethane	0.006	None	Acrolein	0.012	None
1,2-Dichloropropane	0.006	None	Acrylonitrile	0.012	None
SURROGATES	LIMITS	% REC			
1,2-Dichloroethane-d4	76-114	91.			
Toluene-d8	88-110	100.			
4-Bromofluorobenzene	86-115	93.			

Company: D & D Management Consultants
Date: 03/07/91
Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST NAME: Metals Analysis

SAMPLE ID: Monitoring Well #1 @ 5'
SAMPLE DATE: 02/13/91
LAB SAMPLE ID: T102140--01
SAMPLE MATRIX: WET
RECEIPT CONDITION: Cool

RESULTS in Milligrams per Liter

PARAMETER	METHOD	DETECTION LIMIT	DETECTED
Lead (W.E.T.)	6010	0.03	0.09

Company: D & D Management Consultants
Date: 03/07/91
Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST NAME: Vol. Organics EPA 624/8240

SAMPLE ID: Monitoring Well #1 @ 10'
SAMPLE DATE: 02/13/91
LAB SAMPLE ID: T102140-02
SAMPLE MATRIX: solid
RECEIPT CONDITION: Cool
EXTRACTION DATE: N/A
ANALYSIS DATE: 02/20/91

RESULTS in Milligrams per Kilogram:

PARAMETER	DETECTION		PARAMETER	DETECTION	
	LIMIT	DETECTED		LIMIT	DETECTED
Chloromethane	0.011	None	cis-1,3-Dichloropropene	0.005	None
Bromomethane	0.011	None	Trichloroethene	0.005	None
Vinyl Chloride	0.011	None	Chlorodibromomethane	0.005	None
Chloroethane	0.011	None	1,1,2-Trichloroethane	0.005	None
Dichloromethane	0.005	None	Benzene	0.005	None
Acetone	0.011	None	trans-1,3-Dichloropropene	0.005	None
Carbon Disulfide	0.005	None	Bromoform	0.005	None
1,1-Dichloroethene	0.005	None	4-Methyl-2-Pentanone	0.011	None
1,1-Dichloroethane	0.005	None	2-Hexanone	0.011	None
1,2-Dichloroethene (total)	0.005	None	Tetrachloroethene	0.005	None
Chloroform	0.005	None	1,1,2,2-Tetrachloroethane	0.005	None
1,2-Dichloroethane	0.005	None	Toluene	0.005	None
2-Butanone	0.011	None	Chlorobenzene	0.005	None
1,1,1-Trichloroethane	0.005	None	Ethylbenzene	0.005	None
Carbon Tetrachloride	0.005	None	Styrene	0.005	None
Vinyl Acetate	0.011	None	Xylenes (total)	0.005	None
Bromodichloromethane	0.005	None	Acrolein	0.011	None
1,2-Dichloropropane	0.005	None	Acrylonitrile	0.011	None

SURROGATES	LIMITS	% REC
1,2-Dichloroethane-d4	70-121	91.
Toluene-d8	81-117	103.
4-Bromofluorobenzene	74-121	91.

Company: D & D Management Consultants

Date: 03/07/91

Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST NAME: Metals Analysis

SAMPLE ID: Monitoring Well #1 @ 10'

SAMPLE DATE: 02/13/91

LAB SAMPLE ID: T102140-02

SAMPLE MATRIX: WET

RECEIPT CONDITION: Cool

RESULTS in Milligrams per Liter

PARAMETER	METHOD	DETECTION	
		LIMIT	DETECTED
Lead (W.E.T.)	6010	0.03	0.08

Company: D & D Management Consultants

Date: 03/07/91

Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST NAME: Spike and Spike Duplicates

SAMPLE ID: Quality Control

SAMPLE DATE: not spec

LAB SAMPLE ID: T102140-03A

EXTRACTION DATE:

ANALYSIS DATE: 02/20/91

ANALYSIS METHOD: 624

QUALITY CONTROL REPORT

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Analyses

RESULTS in Micrograms per Liter

PARAMETER	Sample Amt	Spike Amt	MS Result	MSD Result	MS %Rec	MSD %Rec	RPD
1,1-Dichloroethene	None	50.	31.5	33.9	63.	68.	8.
Trichloroethene	None	50.	71.5	64.8	143.	130.	10.
Benzene	None	50.	50.9	47.6	102.	95.	7.
Toluene	None	50.	52.4	50.8	105.	102.	3.
Chlorobenzene	None	50.	51.3	48.9	103.	98.	5.

SURROGATES	MS %Rec	MSD %Rec
1,2-Dichloroethane-d4	90.	95.
Toluene-d8	103.	106.
P-Bromofluorobenzene	89.	86.

Company: D & D Management Consultants

Date: 03/07/91

Client Work ID: 20697 Parkway

Work Order: T1-02-140

TEST CODE 624 TEST NAME Vol. Organics EPA 624/8240

The method of analysis for volatile organics is taken from EPA Methods 624 and 8240. Water samples and low-level soil samples are analyzed directly using the purge and trap technique. Medium-level soil samples are extracted with methanol and a portion of the extract is analyzed using the purge and trap technique. Final detection is by gas chromatography-mass spectrometry.

TEST CODE METALS TEST NAME Metals Analysis

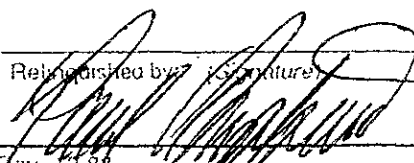
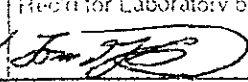

The methods of analysis for metals are taken from E.P.A. protocol, using methods from SW-846, 3rd Edition or Methods for Chemical Analysis of Water and Wastes, 600/4-79-020. The method used is listed adjacent to the parameter in the table.

TEST CODE WET_S TEST NAME W.E.T. - Soil

For the Waste Extraction Test the samples were prepared by extraction with 0.2M sodium citrate for 48 hours. The resulting values are the soluble threshold limit concentrations for the requested parameters.

T1-02-140
CHAIN OF CUSTODY RECORD

D & D Management Consultants, Inc.
 6440 Haskel Court
 San Jose, CA 95123

PROJECT NO.		SITE NAME & ADDRESS					ANALYSES REQUESTED							REMARKS
		20697 Parkway					TPH (Gasoline) & B, T, X, & E	TPH (Diesel) & B, T, X, & E	Total Oil & Grease	Halogenated HC's	B, T, X & E	Soluble Heavy Metals	VOLATILE ORGANICS	
WITNESSING AGENCY / INSPECTOR NAME / DATE														
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
	2/13/91	0930	X		Monitoring Well #1 @ 5'						X	X		
	2/13/91	0945	X		Monitoring Well #1 @ 10'						X	X		
Relinquished by: (Signature)			Date/Time		Received by: (Signature)		The following MUST BE completed by the laboratory accepting samples for analysis: 1. Have all samples received for analysis been stored in ice? <u>yes</u> 2. Will samples remain refrigerated until analyzed? <u>yes</u> 3. Did any samples received for analysis have head space? <u>N/A</u> 4. Were samples in appropriate containers and properly packaged? <u>yes</u>							
Relinquished by: (Signature)			Date/Time		Received by: (Signature)									
Relinquished by: (Signature)			Date/Time		Received by: (Signature)									
Relinquished by: (Signature)			Date/Time		Rec'd for Laboratory by: (Signature)									
			2/14/91 0934						Sample Custodian		2/14/91			
							Signature		Title		Date			

01A
02A