

# Castro valley autohaus

20697 Park Way  
Castro Valley, California 94546  
415/581-4525

91 JUL -3 AM 11:19

July 1, 1991

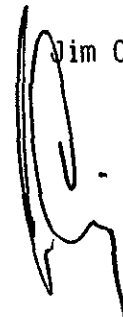
Scott Seery  
Alameda Co. Health Agency  
Division of Hazardous Materials  
Dept. of Environmental Health  
80 Swan Way  
Oakland, Ca. 94621

Dear Scott;

Enclosed please find copies of the lab results from initial well samplings. As you will see, the only detections are 1.3 ppb which is way below DHS recommended action levels for drinking water(5 ppb). Everything else is virtually clean. We are interested in closing this matter as soon as possible. Please respond to us as soon as you can. Thank you for your time.

Sincerely

Jim Craig





June 20, 1991

Mr. Jim Craig  
Castro Valley Autohaus  
20697 Park Way  
Castro Valley, CA 94546

Dear Jim Craig:

On Thursday May 23, IT Corporation (IT) performed monitoring well sampling for Castro Valley Autohaus located at 20697 Parkway, Castro Valley, CA. Monitoring well MW-1 was initially developed by IT on May 17 using hand pump and bailer techniques. The groundwater samples from MW-1 (Z-1018, Z-1019, Z-1020, Z-1021) were collected under Chain of Custody controls and submitted to IT Corporations San Jose laboratory for analysis. Sample Z-1018 and Z-1020 were obtained from the top six inches (6") and bottom six inches (6") of the water column respectively. Duplicate samples Z-1019 and Z-1021 were submitted to the laboratory and subsequently discarded due to lack of importance. The results of the laboratory analyses along with completed Chain of Custody and Request for Analyses are attached for your review.

If you have any questions concerning the analytical results or any aspect of the job, please do not hesitate to contact me at (415) 372-9100 extension 3305.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J. Brin Owen III'.

J. Brin Owen III  
Analytical Project Manager

JBO:gal

attachments

FAS:1113.BO

Regional Office

4585 Pacheco Boulevard • Martinez, California 94553 • 415-372-9100

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**CERTIFICATE OF ANALYSIS**

Date: 06/11/91

IT Corporation, Martinez  
4585 Pacheco Blvd.  
Martinez, CA 94553  
Jim Reid

Work Order: T1-05-249

P.O. Number: 161067

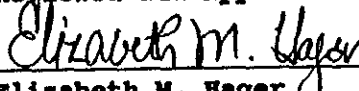
This is the Certificate of Analysis for the following samples:

Client Work ID: 161067 Castro Valley Autohs  
Date Received: 05/23/91  
Number of Samples: 4  
Sample Type: aqueous

**TABLE OF CONTENTS FOR ANALYTICAL RESULTS**

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HOLD	T1-05-249-04	Z1021
7	T1-05-249-05	Quality Control
8	T1-05-249-05	Quality Control - MB

Reviewed and Approved:

  
Elizabeth M. Hager  
Project Manager

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

Company: IT Corporation, Martinez  
 Date: 06/11/91  
 Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: X1018  
 SAMPLE DATE: 05/23/91  
 LAB SAMPLE ID: T105249-01  
 SAMPLE MATRIX: aqueous  
 RECEIPT CONDITION: Cool  
 EXTRACTION DATE: N/A  
 ANALYSIS DATE: 05/30/91

RESULTS in Micrograms per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Chloromethane	0.5	None
Bromomethane	0.5	None
Vinyl chloride	0.5	None
Chloroethane	0.5	None
Methylene Chloride	0.5	None
1,1-Dichloroethene	0.5	None
1,1-Dichloroethane	0.5	1.3
Chloroform	0.5	None
1,2-Dichloroethane	0.5	None
1,1,1-Trichloroethane	0.5	None
Carbon tetrachloride	0.5	None
Bromodichloromethane	0.5	None
1,1,2,2-Tetrachloroethane	0.5	None
1,2-Dichloropropane	0.5	None
trans-1,3-dichloropropene	0.5	None
Trichloroethene	0.5	None
Dibromochloromethane	0.5	None
1,1,2-Trichloroethane	0.5	None
cis-1,3-Dichloropropene	0.5	None
Bromoform	0.5	None
Tetrachloroethene	0.5	None
Dichlorodifluoromethane	0.5	None
Trichlorofluoromethane	0.5	None
cis-1,2-Dichloroethene	0.5	None
trans-1,2-Dichloroethene	0.5	None
Chlorobenzene	0.5	None
1,2-Dichlorobenzene	0.5	None
1,3-Dichlorobenzene	0.5	None
1,4-Dichlorobenzene	0.5	None
1,1,2-Trichlorotrifluoroethane	0.5	None
1-Chloro-2-fluorobenzene (Surr)	70-120%	106.3

Company: IT Corporation, Martinez  
Date: 06/11/91  
Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

## TEST NAME: Metals Analysis

SAMPLE ID: E1018  
SAMPLE DATE: 05/23/91  
LAB SAMPLE ID: T105249-01  
SAMPLE MATRIX: aqueous  
RECEIPT CONDITION: Cool

## RESULTS in Milligrams per Liter

PARAMETER	METHOD	DETECTION LIMIT	DETECTED
Lead (org.)	DHS	0.01	None

Company: IT Corporation, Martinez  
 Date: 06/11/91  
 Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: X1020  
 SAMPLE DATE: 05/23/91  
 LAB SAMPLE ID: T105249-03  
 SAMPLE MATRIX: aqueous  
 RECEIPT CONDITION: Cool  
 EXTRACTION DATE: N/A  
 ANALYSIS DATE: 05/30/91

RESULTS in Micrograms per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Chloromethane	0.5	None
Bromomethane	0.5	None
Vinyl chloride	0.5	None
Chloroethane	0.5	None
Methylene Chloride	0.5	None
1,1-Dichloroethene	0.5	None
1,1-Dichloroethane	0.5	1.2
Chloroform	0.5	None
1,2-Dichloroethane	0.5	None
1,1,1-Trichloroethane	0.5	None
Carbon tetrachloride	0.5	None
Bromodichloromethane	0.5	None
1,1,2,2-Tetrachloroethane	0.5	None
1,2-Dichloropropane	0.5	None
trans-1,3-dichloropropene	0.5	None
Trichloroethene	0.5	None
Dibromochloromethane	0.5	None
1,1,2-Trichloroethane	0.5	None
cis-1,3-Dichloropropene	0.5	None
Bromoform	0.5	None
Tetrachloroethene	0.5	None
Dichlorodifluoromethane	0.5	None
Trichlorofluoromethane	0.5	None
cis-1,2-Dichloroethene	0.5	None
trans-1,2-Dichloroethene	0.5	None
Chlorobenzene	0.5	None
1,2-Dichlorobenzene	0.5	None
1,3-Dichlorobenzene	0.5	None
1,4-Dichlorobenzene	0.5	None
1,1,2-Trichlorotrifluoroethane	0.5	None
1-Chloro-2-fluorobenzene (Surr)	70-120%	111.%

Company: IT Corporation, Martinez  
Date: 06/11/91  
Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

**TEST NAME: Metals Analysis**

SAMPLE ID: Z1020  
SAMPLE DATE: 05/23/91  
LAB SAMPLE ID: T105249-03  
SAMPLE MATRIX: aqueous  
RECEIPT CONDITION: Cool

**RESULTS in Milligrams per Liter**

PARAMETER	METHOD	DETECTION LIMIT	DETECTED
Lead (org.)	DHS	0.01	None

Company: IT Corporation, Martinez  
 Date: 06/11/91  
 Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

TEST NAME: Spike and Spike Duplicates

SAMPLE ID: Quality Control  
 SAMPLE DATE: not spec  
 LAB SAMPLE ID: T105249-05B  
 EXTRACTION DATE:  
 ANALYSIS DATE: 05/30/91  
 ANALYSIS METHOD: 601/8010

## QUALITY CONTROL REPORT

Laboratory Spike(LS) and Laboratory Spike Duplicate(LSD) Analyses

RESULTS in Micrograms per Liter

PARAMETER	Sample Amt	Spike Amt	LS Result	LSD Result	LS %Rec	LSD %Rec	RPD
Chlorobenzene	None	10.0	11.1	10.6	111.	106.	5.
1,1-Dichloroethene	None	10.0	12.0	11.4	120.	114.	5.
Trichloroethene	None	10.0	11.8	11.4	118.	114.	3.
SURROGATES					LS %Rec	LSD %Rec	
1-Chloro-2-fluorobenzene					109.	109.	



Company: IT Corporation, Martinez

Date: 06/11/91

Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

TEST NAME: Spike and Spike Duplicates

SAMPLE ID: Quality Control

SAMPLE DATE: not spec

LAB SAMPLE ID: T105249-05B

EXTRACTION DATE:

ANALYSIS DATE: 05/31/91

ANALYSIS METHOD: Metals (DFAAS)

## QUALITY CONTROL REPORT

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

RESULTS in Milligrams per Liter

PARAMETER	Sample Amt	Spike Amt	MS Result	MSD Result	MS %Rec	MSD %Rec	RPD
Lead (Organic)	None	1.69	1.85	N/A	109.5	N/A	N/A

Company: IT Corporation, Martinez  
 Date: 06/11/91  
 Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: Quality Control - MB  
 SAMPLE DATE: not spec  
 LAB SAMPLE ID: T105249-05  
 SAMPLE MATRIX: aqueous  
 RECEIPT CONDITION: Cool  
 EXTRACTION DATE: N/A  
 ANALYSIS DATE: 05/30/91

RESULTS in Micrograms per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Chloromethane	0.5	None
Bromomethane	0.5	None
Vinyl chloride	0.5	None
Chloroethane	0.5	None
Methylene Chloride	0.5	None
1,1-Dichloroethene	0.5	None
1,1-Dichloroethane	0.5	None
Chloroform	0.5	None
1,2-Dichloroethane	0.5	None
1,1,1-Trichloroethane	0.5	None
Carbon tetrachloride	0.5	None
Bromodichloromethane	0.5	None
1,1,2,2-Tetrachloroethane	0.5	None
1,2-Dichloropropane	0.5	None
trans-1,3-dichloropropene	0.5	None
Trichloroethene	0.5	None
Dibromochloromethane	0.5	None
1,1,2-Trichloroethane	0.5	None
cis-1,3-Dichloropropene	0.5	None
Bromoform	0.5	None
Tetrachloroethene	0.5	None
Dichlorodifluoromethane	0.5	None
Trichlorofluoromethane	0.5	None
cis-1,2-Dichloroethene	0.5	None
trans-1,2-Dichloroethene	0.5	None
Chlorobenzene	0.5	None
1,2-Dichlorobenzene	0.5	None
1,3-Dichlorobenzene	0.5	None
1,4-Dichlorobenzene	0.5	None
1,1,2-Trichlorotrifluoroethane	0.5	None
1-Chloro-2-fluorobenzene (Surr)	70-120%	97.8

Company: IT Corporation, Martinez  
Date: 06/11/91  
Client Work ID: 161067 Castro Valley Autohs

Work Order: T1-05-249

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TEST CODE 601 TEST NAME Halocarbons by 8010/601

The method of analysis for volatile halocarbons is taken from EPA Methods 601 and 8010. Samples are examined using the purge and trap technique. Final detection is by gas chromatography using an electrolytic conductivity detector.

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 ORGPB TEST NAME Organic Lead in Water

The method of analysis for Organic Lead was taken from the California Department of Health Services, Method for Organic Lead Analysis.



T1-05 249

### REQUEST FOR ANALYSIS

R/A Control No. 223796

O/C Control No. 231318

PROJECT NAME Castro Valley Autohaus  
 PROJECT NUMBER 161067  
 PROFIT CENTER NUMBER 4626  
 PROJECT MANAGER Jim Reid  
 BILL TO Jim Reid  
4585 Pacheco Blvd  
Martinez, CA 94553  
 PURCHASE ORDER NO. 161067

DATE SAMPLES SHIPPED 5/23/91  
 LAB DESTINATION ITAS San Jose  
 LABORATORY CONTACT Beth Hayer  
 SEND LAB REPORT TO Jim Reid  
4585 Pacheco Blvd  
Martinez, CA 94553  
 DATE REPORT REQUIRED 3 week TAT  
 PROJECT CONTACT Jim Reid/Brian Owen  
 PROJECT CONTACT PHONE NO. 312-9100 (415)

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
Z 1018	groundwater	3 X 40ml	1001	601	Spoke to B. Hayer ITAS San Jose about archiving Z-1019 & Z-1020 (Duplications) & not to run them, she will check status & get back to me.
Z 1018		1 X 1L		Organic Lead	
Z 1019		3 X 40ml		601	
Z 1019		1 X 1L		Organic Lead	
Z 1020		3 X 40ml		601	
Z 1020		1 X 1L		Organic Lead	
Z 1021		3 X 40ml		601	
Z 1021	groundwater	1 X 1L	1001	Organic Lead	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Laboratory Project Manager.)  
 Normal \_\_\_\_\_ Rush \_\_\_\_\_ (Subject to rush surcharge.)  
 QC LEVEL: (Levels II and III subject to surcharge; project-specific requirements must be submitted to lab before beginning work.)  
 I \_\_\_\_\_ II \_\_\_\_\_ III \_\_\_\_\_ Project Specific \_\_\_\_\_

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances.)  
 Non-hazard \_\_\_\_\_ Flammable \_\_\_\_\_ Skin Irritant \_\_\_\_\_ Highly Toxic \_\_\_\_\_ Other \_\_\_\_\_  
 (Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, archive and disposal.)  
 Return to Client \_\_\_\_\_ Disposal by Lab \_\_\_\_\_ Archive \_\_\_\_\_ (Indicate number of months.)

FOR LAB USE ONLY

Received by [Signature]

Date/Time 5/22/91 14:2

**CHAIN-OF-CUSTODY RECORD**

 R/A Control No. 229796

 C/C Control No. 231318

 PROJECT NAME/NUMBER Castro Valley Antohaus

 LAB DESTINATION ITAS-SJ

 SAMPLE TEAM MEMBERS J. Reed

 CARRIER/WAYBILL NO. hand Delivered

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
Z1018	MW-1 } 1st 6" of	5/23/91 1205	water	3X40ml VOA	Room Temp <u>5/23/91</u>	
Z1018	MW-1 } water column	1 1205	1	2X1L glass		
Z1019	MW-1 } 1st 6"	1 1210	1	3X40ml VOA		
Z1019	MW-1 } Duplicate	1 1210	1	2X1L glass		
Z1020	MW-1 } bottom 6" of	1 1215	1	3X40ml VOA		
Z1020	MW-1 } water column	1 1215	1	2X1L glass		
Z1021	MW-1 } bottom 6"	1 1220	1	3X40ml VOA		
Z1021	MW-1 } Duplicate	5/23/91 1220	water	2X1L glass		

Special Instructions: \_\_\_\_\_

Possible Sample Hazards: \_\_\_\_\_

SIGNATURES: (Name, Company, Date and Time)

 1. Relinquished By: J. Reed, IT Corp, 5/23/91, 1402

3. Relinquished By: \_\_\_\_\_

 Received By: [Signature], 5/23/91 1402

Received by: \_\_\_\_\_

2. Relinquished By: \_\_\_\_\_

4. Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

Received By: \_\_\_\_\_