



93 NOV --2 AM 10: 52

**CET Environmental
Services, Inc.**

November 1, 1993

5845 Doyle Street, Suite 104
Emeryville, California 94608
Telephone: (510) 652-7001
Fax: (510) 652-7002

Ms. Juliet Shin
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

**Subject: Third Quarterly Report 1993
Groundwater Monitoring for
Alameda Collision Repair
1911 Park Street, Alameda, California
CET Project No. 3547 (formerly ATT Project No. 929393)**

Dear Ms. Shin:

The following letter report summarizes groundwater monitoring activities conducted by CET Environmental Services, Inc. (CET) during the second quarter 1993.

SITE SETTING & WELL LOCATION

Alameda Collision Repair is an auto body repair shop located in the City of Alameda, California, approximately 0.5 miles west of Highway 880 (Plate 1, Attachment A). The location of the groundwater monitoring well, designated MW1, is shown on Plate 2 (Attachment A).

GROUNDWATER SAMPLE COLLECTION AND GROUNDWATER LEVEL MEASUREMENTS

On October 11, 1993, CET field personnel collected a set of groundwater samples from monitoring well MW1. Groundwater samples were submitted for analysis to a California Department of Health Services (DHS) certified laboratory in accordance with ATT's chain-of-custody documentation protocols.

On October 11, 1993, CET field personnel measured the depth to groundwater in MW1. The equilibrated depth to groundwater was approximately 4.56 feet below surface grade (bsg).

CET-3547/DK1/3RDQRT93.RPT



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LABORATORY SAMPLE ANALYSIS

Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPH/g) and for benzene, toluene, ethylbenzene, and total xylenes (BTEX). U. S. Environmental Protection Agency (EPA) Analytical Method Nos. 5030/8015 and 602, respectively were utilized for the analyses.

No analytes were detected in the groundwater samples at or above the method detection limits. A cumulative summary of groundwater analytical results is presented in Table 1 (Attachment C). Copies of the signed laboratory analytical reports, chain-of-custody documentation, and sample collection records are included in Attachment B.

PLANNED ACTIVITIES

A set of groundwater samples will be collected from monitoring well MW1 during the fourth quarter, 1993. The samples will be analyzed at a DHS certified laboratory for TPH/g and BTEX. A fourth quarter, 1993 groundwater monitoring report will be submitted to the ACHCSA.



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Hazardous Materials Specialist
Alameda County Health Care Services Agency
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Please contact us if you have any questions or comments regarding the contents of this report.

Sincerely,

CET ENVIRONMENTAL SERVICES, INC.

Kimberly S. Lagomarsino
Environmental Scientist

Mark R. Lafferty, R.G.
Registered Geologist #4701
(Expires 6/30/94)

Terrance E. Carter
Senior Environmental Engineer
Project Manager

BB/MRL/TEC:pd

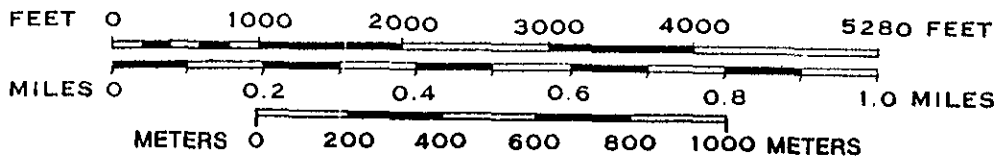
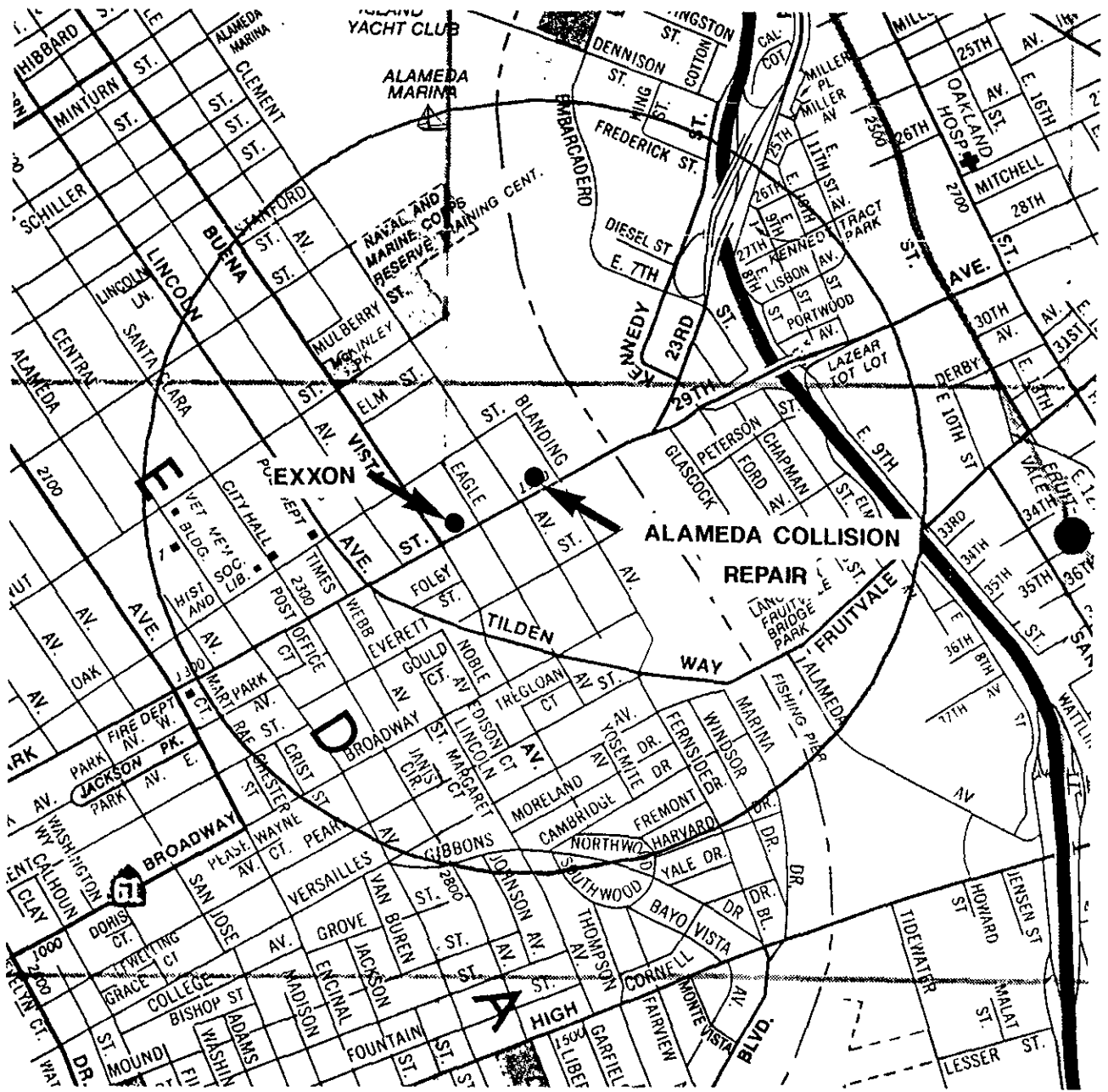
Attachments

cc: Jeff Thompson, Alameda Collision Repair



ATTACHMENT A

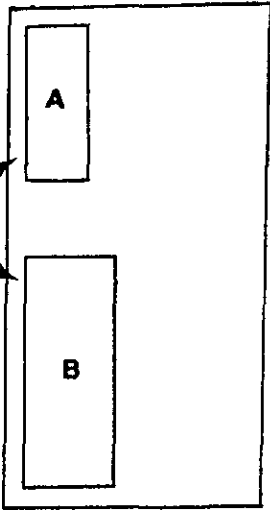
Plates



Site Location		
1911 Park Street, Alameda, CA		
ALAMEDA COLLISION REPAIR		PLATE
JOB NUMBER	DATE	1
3547	10/93	

CET Environmental Services, Inc.

Former tank locations



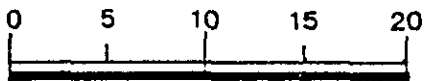
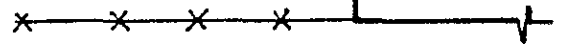
MW1, Well Location



ASPHALT
PARKING AREA

1911 PARK ST.

1919 PARK ST.



SCALE (feet)



PARK STREET

Monitoring Well & Former Tank Locations
1911 Park Street, Alameda, CA

CET Environmental Services, Inc.

ALAMEDA COLLISION REPAIR

PLATE

JOB NUMBER

DATE

2

3547

10/93



ATTACHMENT B

**Sample Collection Record
Laboratory Report
Chain-of-Custody**

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 26, 1993

ChromaLab File#: 9310129

CET ENVIRONMENTAL SERVICES, INC

Atten: Terry Carter

Project: ALAMEDA COLLISION
Submitted: October 12, 1993

Project#: 3547-209

re: 1 sample for Gasoline and BTEX analysis.

Matrix: WATER

Sampled on: October 11, 1993


Analyzed on: October 13, 1993

Method: EPA 5030/8015/602

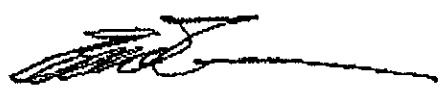
Run#: 1110

Lab #	SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
26775	MW1	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS		50	0.5	0.5	0.5	0.5
BLANK		N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)		106	94	99	102	103

ChromaLab, Inc.



Billy Thach
Chemist



Eric Tam
Laboratory Director

CHROMALAB, INC.

DOHS 1094

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

Chain of Custody

DATE 10/11/93 PAGE 1 OF 1

PROJ MGR: Terry Carter
 COMPANY: CET Enviro. Serv.
 ADDRESS: Walnut Creek Office

SAMPLERS (SIGNATURE) JL (PHONE NO) 934-4884

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT															NUMBER OF CONTAINERS						
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD		EXTRACTION (TCLP, STLC)					
MW1	10/11/93	14:50	420	HCl																						2

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME <u>Alameda Collision</u>	TOTAL NO OF CONTAINERS <u>2</u>	HEAD SPACE -	REC'D GOOD CONDITION/COLD ✓
PROJECT NUMBER <u>3547-209</u>	CONFORMS TO RECORD ✓	TAT	STANDARD 5-DAY
P.O. #	24	48	72
			OTHER

RELINQUISHED BY 1 <u>Jayson Long</u> 14:30 (SIGNATURE) (TIME) <u>Jayson Long</u> 10/12/93 (PRINTED NAME) (DATE) (COMPANY)		RELINQUISHED BY 2 (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)		RELINQUISHED BY 3 (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)	
RECEIVED BY 1 <u>Gary Cook</u> 14:30 (SIGNATURE) (TIME) <u>Gary Cook</u> 10/12/93 (PRINTED NAME) (DATE) (COMPANY)		RECEIVED BY 2 (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (COMPANY)		RECEIVED BY (LABORATORY) 3 (SIGNATURE) (TIME) (PRINTED NAME) (DATE) (LAB)	

SPECIAL INSTRUCTIONS/COMMENTS:
10-day TAT

SAMPLE COLLECTION RECORD - MONITOR WELL

Date: 10-11-93 Sample I.D.: MW1 Job No.: 3547-209

Site Location: Alameda Collision Repair

No. of Containers : 4 / (check one): Well Samples;
 Duplicates from well _____; Travel Blanks;
 Field Blanks; Other (explain)/ _____

W.L. (1/100'): 4.56 Time : 14:22 B.O.W. (1/2'): 19

Method: Electric Well Sounder; Other/ _____

Meters calibrated: Y / N Well Loc. Map: Y / N

Calculated Purge Volume (4 casing volumes): 35 gallons

Purging Method: Disposable Bailer; Teflon Bailer;
 Other/ _____

Time Start Purging (24 hr): 14:32, Product: Y / N
 Sheen: Y / N, Odor: Y / N, Vapor: _____ ppm / %LEL
 Turbidity: very slight, Color: brown

Time Stop Purging (24 hr): 14:42, Product: Y / N
 Sheen: Y / N, Odor: Y / N, Vapor: _____ ppm / %LEL
 Turbidity: slight, Color: brown

Time (24 hr)	Temp. (C)	pH	Cond. (uS)	H2O (Gal)	Turbid. (NTU)
:	_____	_____	_____	_____	_____
:	_____	_____	_____	_____	_____
:	_____	_____	_____	_____	_____
:	_____	_____	_____	_____	_____
:	_____	_____	_____	<u>10 gal</u>	<u>total</u>

Sample Collection Time (24 hr): 14:50

Notes: _____

Collected By (signature): J. Long