

ALCO
HAZMAT
94 FEB 18 PM 2:47

February 18, 1994

Ms. Jennifer Eberle
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 350
Oakland, CA 94621

Dear Ms. Eberle:

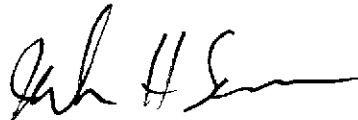
I am pleased to transmit the results of the soil sampling program conducted in the vicinity of the former pump island along Seventh Street. Please call with any questions that you might have.

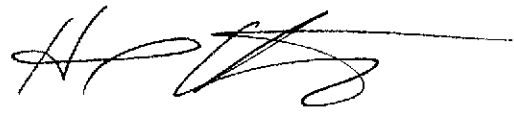
Sincerely,



Bo K. Gin

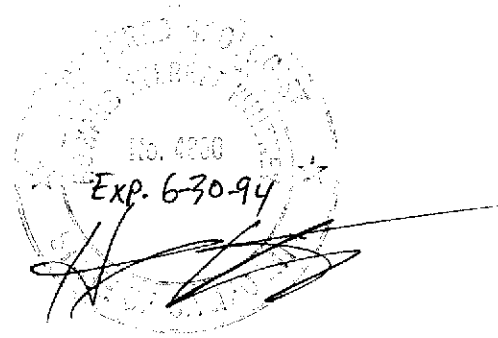
Included is a second signed copy of this report which should be forwarded to: Ms. Jennifer Eberle.


John H. Sammons, Ph.D.


Howard E. Whitney, R.G.

cc: Monterey
File

CAOAKLANDAULETGIN2.204





Dennis Bates
associates
INCORPORATED

ALCO
HAZMAT
94 FEB 18 PH 2:47

February 4, 1994

Mr. Bo K. Gin
Oakland Auto Parts & Tires
288 Eleventh Street
Oakland, CA 94706

Dear Mr. Gin:

On 14 December 1993, Dennis Bates Associates, Inc. (DBA) collected three shallow soil samples from the vicinity of the former pump island along Seventh Street. ✓ The approximate location of the pump island was established using historic Sanborn Maps and a previous plot plan prepared by Frank Lee & Associates. Sample locations and depths were determined by Ms. Jennifer Eberle of the Alameda County Department of Environmental Health.

Plate A, attached to this report, shows the sampling locations around the former pump island as well as the analytical data and sample depths in tabular form. Total lead in soil was found to range from 46 mg/kg to 1,100 mg/kg. ✓

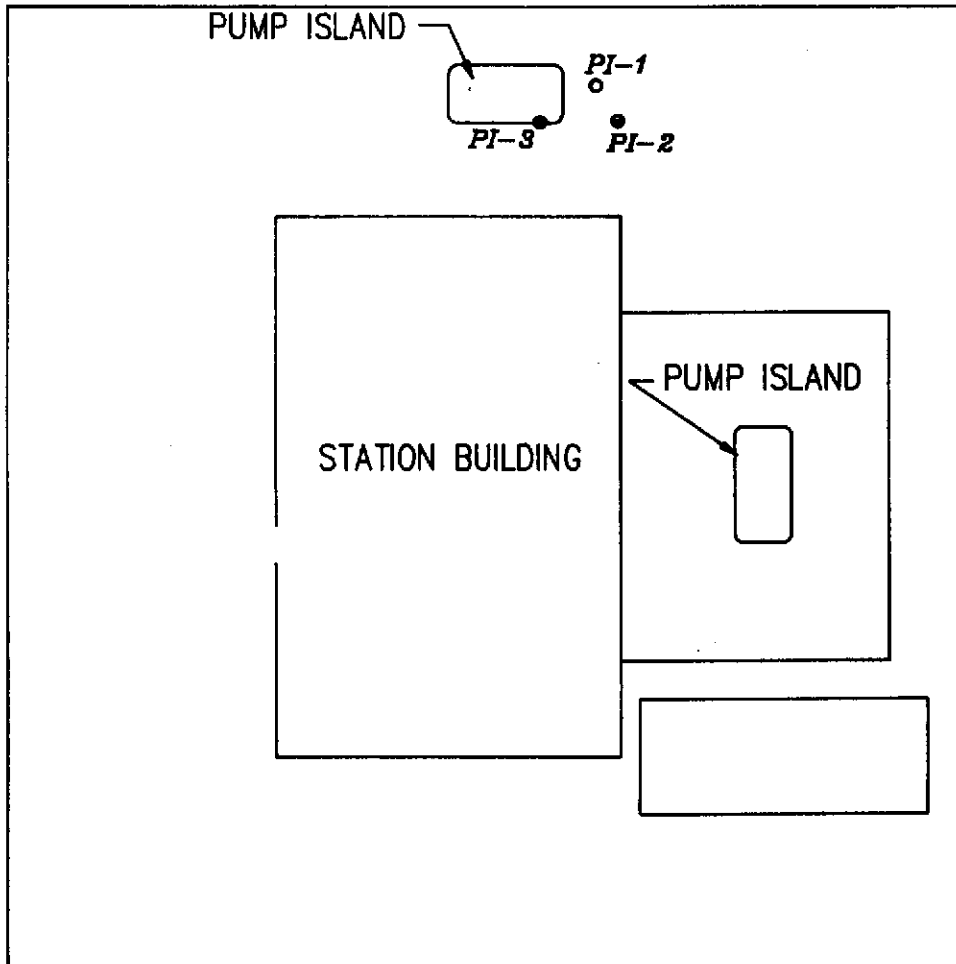
The samples were obtained using a hand-auger which was cleaned after each sample was collected by washing with a solution of TSP followed by a distilled water rinse.

The two drums containing drilling spoils from the installation of the vent wells were sampled for lead at the same time as the above soil samples were obtained. Two samples were collected from each barrel to be composited and analyzed for Total & Organic lead. The composite analysis for barrel VW1 (Samples VW1-1 & VW1-2) indicated Total lead at 15 mg/kg (ppm) and was ND for Organic lead. The composite analysis for barrel VW2 (Samples VW2-1 & VW2-2) indicated Total lead at 5.5 mg/kg and ND for Organic lead.

Copies of the analytical data and chain-of-custody documents are attached.

Environmental Consulting ■ Hazardous Materials Management
494 Alvarado St. Suite B ■ Monterey, CA 93940 ■ 408 646 0668 ■ FAX 408 646 8036
2011 Feliz Road ■ Novato, CA 94945 ■ 415 892 4131 ■ FAX 415 892 1912

SEVENTH STREET



HARRISON STREET

SAMPLE #	SAMPLE DEPTH	TOTAL LEAD	ORGANIC LEAD	MOISTURE %
PI-1	2.5'	130 MG/KG	ND	13.1
PI-2	1.5'	46 MG/KG	ND	15.7
PI-3	2.0'	1100 MG/KG	17 MG/KG	10.4



TITLE: SITE PLAN - LEAD SAMPLING LOCATIONS
 SITE: OAKLAND AUTO PARTS
 ADDRESS: 706 HARRISON STREET, OAKLAND, CA.

SCALE: 1 INCH = 20 FEET

PROJECT # 1514N

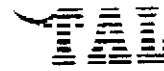
DATE: 20 JANUARY 1994

DENNIS BATES ASSOCIATES, INC.

494 Alvarado Street, Suite B Monterey, CA. 93940
 1020 RAILROAD AVE. SUITE E, NOVATO, CA. 94945

PLATE:

A



LOG NUMBER: 3927
 DATE SAMPLED: 12/14/93
 DATE RECEIVED: 12/14/93
 DATE EXTRACTED: 01/07/94
 DATE ANALYZED: 01/07/94
 DATE REPORTED: 01/13/94
 PAGE: Three

Sample Type: Soil

Method and Constituent:	Units	PI1-2.5'		PI2-1.5'		PI3-2'	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method: Organic Lead	mg/kg	ND	1.7	ND	1.7	17	1.7

Method and Constituent:	Units	Composite of VW1-1 and VW1-2		Composite of VW2-1 and VW2-2		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method: Organic Lead	mg/kg	ND	1.7	ND	1.7	ND	1.7

QC Summary:

% Recovery: 101
 % RPD: 4.5

Concentrations reported as ND were not detected at or above the reporting limit.

LOG NUMBER: 3927
 DATE SAMPLED: 12/14/93
 DATE RECEIVED: 12/14/93
 DATE EXTRACTED: 12/15/93
 DATE ANALYZED: 12/16/93
 DATE REPORTED: 01/13/94
 PAGE: Four

Sample Type: Soil

Method and Constituent:	Units	PI1-2.5'		PI2-1.5'		PI3-2'	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
EPA Method 7420:							
Lead	mg/kg	130	3.6	46	3.6	1,100	3.6

Method and Constituent:	Units	Composite of VW1-1 and VW1-2		Composite of VW2-1 and VW2-2		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
EPA Method 7420:							
Lead	mg/kg	15	3.6	5.5	3.6	ND	3.6

QC Summary:

% Recovery: 92*
 % RPD: 4.5

Concentrations reported as ND were not detected at or above the reporting limit.

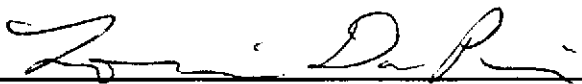
* The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.



LOG NUMBER: 3927
 DATE SAMPLED: 12/14/93
 DATE RECEIVED: 12/14/93
 DATE ANALYZED: 12/29/93
 DATE REPORTED: 01/13/94
 PAGE: Five

Sample Type: Soil

<u>Method and Constituent:</u>	<u>Units</u>	<u>PI1-2.5'</u>	<u>PI2-1.5'</u>	<u>PI3-2'</u>
		Concentration	Concentration	Concentration
Moisture	%	13.1	15.7	10.4
<u>Method and Constituent:</u>	<u>Units</u>	<u>Composite of VW1-1 and VW1-2</u>	<u>Composite of VW2-1 and VW2-2</u>	
		Concentration	Concentration	
Moisture	%	11.5	9.9	


 Louis W. DuPuis
 Quality Assurance/Quality Control Manager

3927

Sample Analysis Request / Chain of Custody

1 of 2

DENNIS BATES ASSOCIATES, INC.
 2011 FELIZ ROAD,
 NOVATO, CA 94945
 (415) 892 4131 FAX (415) 892 1912

JOB NAME:

Oakland Auto

JOB NUMBER:

ENV 1514N

P.O. Number:

Samplers: JOHN SAMMONS

Justine Dubowitz

Sample I.D.	Date	Time	Comp.	Grab	Location	No. of Containers	Matrix	ANALYSES							Turn Around Time	
								TPH as Gasoline	BTXE	TPH as Diesel	Organic Lead	Total Lead	% Moisture	Per Dennis Bates 12/14/93		
PI1-2.5'	12/14/93	10:30		X	7th & Harrison	1	soil						X			Reg TAT
PI2-1.5'	12/14/93	11am				1							X			
PI3-2'		11:15											X			
VW1-1		11:25											X			
VW2-1		11:30											X			
VW1-2		11:35											X			
VW2-2		11:40											X			
MW2B		11:45				2	water	X	X							
MW2B		11:50				2	water	X	X							
MW1B		11:55				2	water	X	X							
WASH	12/14/93	12pm			" "	2	water	X	X							

Relinquished By (Signature)

Justine Dubowitz

Date Time

12/14/93 0330

Accepted By (Signature)

Scott T. Sumner

Laboratory Name & Address:

REMARKS:

* composite VW1-1 with VW1-2
 composite VW2-1 with VW2-2

2

2

3

3