

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200 SITE: 10057 Tesla Rd.
OAKLAND, CA 94621
430-4530

R02758

Telephone Number: (415)

February 28, 1990

Mr. Daniel P. O'Connell
Senior Engineer
Berlogar Geotechnical Consultants
5587 Sunol Blvd.
Pleasanton, CA 94566

Dear Mr. O'Connell:

As requested in your letter dated February 7, 1989 pertaining to eight sites in Livermore, California, the Hazardous Materials Division has reviewed its hazardous waste generator, underground tank, Proposition 65, and site mitigation files for each of these sites. There is no information in our files on any of the following addresses: 1) 7986 Tesla Rd.; 2) 4224 Greenville Rd.; 3) 4250 Greenville Rd.; 4) 5625 Greenville Rd.; 5) Pietronave Ln. at Vineyard Ave. Although our computer file shows that two of the requested addresses (6271 Tesla Rd. and 4300 Greenville Rd.) have one underground storage tank each, neither of the files on these sites could be located in the office. There was a file on the Duperly property at 10057 Tesla Rd., and its review yielded the following information.

On September 29, 1986, this office responded to a hazardous material incident on this property. Apparently, this was the site of a former methamphetamine drug lab, and hazardous wastes had been disposed of into an unlined pit on this property. During our office's response, approximately 250 gallons of liquid waste and sludge were found in this pit; the material was highly corrosive (pH of about 1), and was pumped into 55-gallon salvage drums. Over the course of the next 2-3 years, under county and Regional Water Quality Control Board oversight, liquid and soil contamination at the site was cleaned up to both agencies' satisfaction. The liquid/sludge contained hydrochloric acid, ether, and other solvents and reagents typically used in the manufacture of methamphetamines. The soil contamination appeared to be limited to phenyl-2-propanol (phenyl acetone, or P-2-P), which was cleaned up in the pit to levels of about 1 ppm.

According to water samples taken from eight neighboring water supply wells on September 18, 1986, no contaminants spread into off-site groundwater. The RWQCB did not require that the responsible party drill monitoring wells on-site, and therefore, groundwater immediately beneath the site has not been characterized.

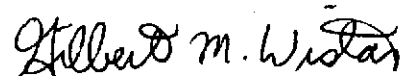
This letter contains information limited to files in this office, and does not reflect information that may be available from other

Mr. Daniel P. O'Connell
February 28, 1990
Page 2 of 2

agencies or parties. You will be billed for provision of this service; enclosed is a copy of the invoice sent to our Billing Department.

If you have any questions concerning this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

Enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R02758

Telephone Number: (415) 271-4320

Certified Mail #P 708 402 816

November 18, 1988

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

RE: 10057 Tesla Rd., Livermore, CA

Dear Mr. Duperly:

We have received the letter dated, October 21, 1988, from your consultant, GRW Associates, with an attached laboratory report concerning the property above. The property has been cleaned in accordance to your plan of correction dated July 28, 1988. The excavation can be back-filled with clean fill.

Although the County of Alameda had the lead responsibility for the mitigation of this site, the Regional Water Quality Control Board has the final authority for sign-off.

By copy of this letter, we are notifying the Regional Water Quality Control Board with the status of this site.
If you have any questions, please contact Larry Seto, Hazardous Materials Specialist at, 271-4320.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:LS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer &
Environmental Protection Agency
Dwight Hoenig, DOHS
Gloria Baugham

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R02758

Telephone Number: (415) 271-4320

Certified Mail #P 119 024 083

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

RE: 10057 Tesla Road, Livermore, CA

Dear Mr. Duperly:

Larry Seto from our office spoke to your consultant, Guy Roy on December 6, 1988, concerning removal of the pile(s) of contaminated soil from the above site. Mr. Roy assured Larry that he would submit to this office, his sampling plan for approval, before sampling and that the contaminated soil will be manifested and disposal of by a licensed hazardous waste hauler.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency

Dwight Hoenig, DOHS
Gloria Baugham
RWQCB
Guy Roy

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



R02758

Department of Environmental Health

Telephone Number: (415) 271-4320
Hazardous Materials Division
80 Swan Way, Suite 200
Oakland, CA 94621

Certified Mail #P 691 211 978
Certified Mail #P 691 211 977

June 6, 1988

Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Gloria Baugham
4681 Ewing Road
Castro Valley, CA 94546

RE: 10057 Tesla Road, Livermore, CA

Dear Mr. Duperly and Ms. Baugham:

In my letter dated November 2, 1987, I explained that, if samples analyzed for phenylacetone (Phenyl-2-Propanone) reached concentrations substantially greater than 100 ppm, more excavation might be necessary. Enclosed, please find sample results indicating substantially greater concentrations than 100 ppm.

Enclosed, please also find a materials safety data sheet (MSDS) for phenylacetone. The MSDS provides technical information on the chemical. The MSDS will help explain to you, our concern regarding the contamination.

I am aware that funds have been reserved in escrow to address the problem. I am aware that all parties desire to promptly resolve this matter.

After lengthy consultation with Lester Feldman of the Regional Water Quality Control Board, we propose the following:

1. Excavate the pit to concentrations less than 100 ppm.

Dick Duperly
3908 Fernwood St.
San Mateo, CA 94403
June 6, 1988
Page 2 of 2

Gloria Baugham
4681 Ewing Road
Castro Valley, CA 94546
June 6, 1988
Page 2 of 2

After excavation, retain an environmental consultant to evaluate the status of the site. The consultant will draft a plan of correction which this office and the Regional Water Quality Control Board will review. It must be emphasized that further corrective actions may be necessary after we review your consultants' report.

2. As an option to proposal #1, you could retain an environmental consultant at this point in time. The consultant would evaluate the status of the site and draft a plan of correction.

Our preference is to have you examine option #1, because this plan results in immediate excavation to level below 100 ppm. However, the option is yours.

Please advise me in writing, within 10 days of receipt of this letter, as to your intended course of conduct.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:LS:mnc

Attachment(s)

cc: Gil Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency
Dwight Hoenig, DOHS
Mark Thompson, Alameda County District Attorney, Consumer and Environmental Protection Agency
Larry Seto, Hazardous Materials Specialist
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY

~~XXXXXXXXXXXX~~, Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

February 19, 1988

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

RE: 10057 TESLA ROAD, LIVERMORE, CA 94550

Dear Mr. Duperly:

The forty-eight (48) hours de-ionized water extraction with a soil sample contaminated with 310 ppm of 1-Phenyl -2-Proponone, has been completed by Clayton Environmental Consultants. Thirty-seven (37) mg/c (PPM) of 1-Phenyl-2-Proponone, was detected in the water.

After consulting with Lester Feldman of the Regional Water Quality Control Board, the concensus is, there is still a potential threat of migration of this chemical into the ground water.

It is recommended that you contact an environmental consultant to review your options to complete the clean-up at the above site.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 874-7237.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:LS:mnc

cc: Dwight Hoenig, DOHS
Gil Jensen, Alameda County District, Consumer and Environ-
mental Protection Agency
Gloria Baugham, MGS Realty

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

November 2, 1987

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Dear Mr. Duperly:

After a preliminary discussion between Larry Seto and the staff of the Regional Water Quality Control Board (RWQCB) concerning the clean-up of your property located at 10057 Tesla Road, Livermore, the consensus is that the threat to ground water is minimal. The present clean-up status (90 ppm Phenylacetone) and the results of the soil borings (negative at 10-15) which were taken near the pit, are acceptable. No further excavation of the waste pit is necessary.

Although the County of Alameda is the lead agency at this time, the RWQCB has the responsibilities for overseeing potential contamination of water. Copies of your record will be turned over to the RWQCB.

In addition, before the pit is back-filled with clean fill, soil samples from all four walls and the bottom of the pit must be taken. The samples must be analyzed by a State Certified Analytical Laboratory for phenylacetone (Phenyl-2-propanone). If any of the concentrations are substantially greater than 100 ppm, more excavation may be necessary.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:LS:mnc

cc: Gilbert Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency
Dwight Hoenig, DOHS
Martin Rasmussen, Erickson, Inc.
Lester Felman, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY

~~XXXXXXXXXXXX~~ Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

October 15, 1987

Mr. Martin Rasmussen
Erickson, Inc.
255 Parr Boulevard
Richmond, CA 94801

Dear Mr. Rasmussen:

This is to confirm your conversation with Edgar Howell, III, Senior Hazardous Materials Specialist on October 15, 1987, concerning the Duperly property, Livermore area.

As discussed, please submit to this office, an updated plan of correction for the cleaning and removal of the contamination from Mr. Duperly's property at 10057 Tesla Rd., Livermore.

If you have any questions, please call either, Lawrence Seto or Edgar Howell, III, at, 874-7237.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:mnc

cc: Dwight Hoenig, DOHS
Gil Jensen, Alameda County District Attorney, Consumer
and Environmental Protection Agency
R. Duperly, Property Owner

ALAMEDA COUNTY
HEALTH CARE SERVICES

David J. Kears AGENCY
~~XXXXXXXXXXXX~~ Agency Director



SITE: 10057 Tesla Rd.
Livermore, CA

R02758

Certified Mailer # P 119 024 085

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

April 9, 1987

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Dear Mr. Duperly:

Roger Wagner, Supervisor of Erickson, Inc., sent me the attached letter dated March 30, 1987. In regards to item #2, Alameda County will not gurantee payment to Erickson, Inc., in the event there is more than the original estimate of contaminated soil.

Furthermore, total clean-up of your property located at 10057 Tesla Road, Livermore, is your fiscal & legal responsibility.

As per your conversation with Larry Seto, on April 8, 1987, clean-up must be finalized by April 30, 1987.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist at 874-7237.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Specialist

RAS:mn-c

cc: Gil Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency

Dwight Hoenig, DOHS
Roger Wagner, Erickson, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~CHARLENE~~ Agency Director



SITE: 10057 Tesla Rd.

R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

January 12, 1987

Mr. Leroy Tiner
10045 Tesla Road
Livermore, CA 94550

Dear Mr. Tiner:

The laboratory analysis of your well water sampled on October 30, 1986, has been completed by the State of California, Department of Health Services, Hazardous Materials Laboratory. The laboratory did not detect in your well water sample, any of the chemicals that were present in the chemical waste pit at 10057 Tesla Road, Livermore.

A copy of the laboratory results is attached for your information. On the laboratory report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment

LABORATORY REPORT
 Purgeable Halocarbons *Final*

R02758

Collector's Name LARRY SEPO Date Received _____
 Sampling Location Duperly Collector's Sample # LS10057P to
10057 TESLA RD Livermore CA 94550 LS10057A

Analytical Procedure: Direct Purge and Trap method followed by GC/Coulson Detector
Sampled on 10-30-86 with acceptable sample container
 Solids: ug/g Liquids: ug/mL

HML #	C721	C722	C723	Detection Limit/ Units mg/m ³
Collector's Sample #	LS10057P	LS10045	LS10057A	
Chloromethane	-	-	-	2.0
Bromomethane	-	-	-	2.0
Vinyl chloride	-	-	-	1.0
Chloroethane	-	-	-	1.0
Methylene chloride	-	-	-	0.5
1,1-Dichloroethene	-	-	-	0.5
1,1-Dichloroethane	-	-	-	0.5
trans 1,2 Dichloroethene	-	-	-	0.5
Chloroform	-	-	-	0.2
1,2-Dichloroethane	-	-	-	0.5
1,1,1-Trichloroethane	-	-	-	0.5
Carbon tetrachloride	-	-	-	0.5
Bromo-dichloromethane	-	-	-	1
1,2-Dichloropropane	-	-	-	1
cis-1,3 Dichloropropene	-	-	-	1
Trichloroethylene	-	-	-	0.5
Dibromochloromethane	-	-	-	0.5
1,1,2-Trichloroethane	-	-	-	0.5
trans-1,3 Dichloropropene	-	-	-	0.5
2-Chloroethyl vinyl ether	-	-	-	2.0
Bromoform	-	-	-	5.0
1,1,2,2-Tetrachloroethane	-	-	-	1.0
Tetrachloroethylene	-	-	-	0.5
Chlorobenzene	-	-	-	2.0

Note: (-) = Not detected
 (blank) = Not determined

Analyst's Signature Neeleim Dhoot 12/23/86
 Signature of Supervising Chemist Farnail Garcia 12/26/86

LABORATORY REPORT
 Purgeable Halocarbons

Partial

RO258
 7
 1

Collector's Name LOWELL MILLER Date Received 8-29-86
 Sampling Location LEBDY TINNER Collector's Sample # CF W354 to
10800 TESLA RD. LIVERMORE, CA

* Sample taken with unacceptable sample container

Analytical Procedure: Direct Purge and Trap method followed by GC/Coulson Detector.

Solids: ug/g

Liquids: ^{ng}ug/mL

HML #	C405					Detection Limit/Units
Collector's Sample #	CFW354					
Chloromethane	-					2.0 ng/m
Bromomethane	-					2.0
Vinyl chloride	-					1.0
Chloroethane	-					1.0
Methylene chloride	18					0.5
1,1-Dichloroethene	-					0.5
1,1-Dichloroethane	-					0.5
trans 1,2 Dichloroethene	-					0.5
Chloroform	-					2.0
1,2-Dichloroethane	-					0.5
1,1,1-Trichloroethane	-					0.5
Carbon tetrachloride	-					0.5
Bromo-dichloromethane	-					1
1,2-Dichloropropane	-					1
cis-1,3 Dichloropropene	-					1
Trichloroethylene	-					0.5
Dibromochloromethane	-					0.5
1,1,2-Trichloroethane	-					0.5
trans-1,3 Dichloropropene	-					0.5
2-Chloroethyl vinyl ether	-					2.0
Bromoform	-					5.0
1,1,2,2-Tetrachloroethane	-					1.0
Tetrachloroethylene	-					0.5
Chlorobenzene	-					2.0

Note: (-) = Not detected
 (blank) = Not determined

* Note: We normally experience low level lab contamination with methylene chloride. Contamination typically runs 0-10 ppb.

Analyst's Signature

Signature of Supervising Chemist

Neelam Dhoot

8/25/86

Howard S. Okamoto

(Date)

(Date)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C405 to

R02758

Patrol

Collector's Name Lowell Miller

Collector's Sample# CFW 354 to

Sampling Location: Leroy Tiner

Date Received by Lab. 8/29/86

10500 Tesla Rd. Livermore Ca

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5890A GC/FID
 Reference: HML methods

* Sample taken with unacceptable sample container

Solids: ug/g

Liquids: ug/L

HML #	Collector's #	Detection Limit
	<u>C405</u>	
	<u>CFW 354</u>	
Bis(2-chloroethyl)ether	-	0.1 mg/m
1,3 Dichlorobenzene	-	0.04
1,4 Dichlorobenzene	-	0.04
1,2 Dichlorobenzene	-	0.04
Bis(2-chloro isopropyl)ether	-	0.2
Hexachloroethane	-	0.1
N-Nitroso Di-n-propylamine	-	
Nitrobenzene	-	0.04
Isophrone	-	0.04
Bis(2-chloroethoxy)methane	-	
1,2,4 Trichlorobenzene	-	0.06
Naphthalene	-	0.02
2-Chloronaphthalene	-	0.04
Acenaphthylene	-	0.04
Dimethyl phthalate	-	0.04
2,6 Dinitro Toluene	-	0.06
Acenaphthene	-	0.02
2,4 Dinitro Toluene	-	0.06
Fluorene	-	0.02
Hexachlorobutadiene	-	0.16
4-Chlorophenyl phenyl ether	-	0.04
4-Bromophenyl phenyl ether	-	0.04
Hexachloro cyclopentadiene	-	0.16
Hexachlorobenzene	-	0.2
Phenanthrene	-	0.02

Note: (-) = Not detected
 (blank) = Not determined

California Department of Health Services
Hazardous Materials Laboratory
LABORATORY REPORT
Priority Pollutants--Base Neutrals

* Sample taken with an unacceptable sample container

Solids: ug/g

Liquids: ug/L

HML #	C 405					Detection Limit
Collector's #	CFW354					
Anthracene	-					0.02 ug/m
Di n-Butylphthalate	-					0.04
Fluoranthene	-					0.02
Benzidine	-					0.2
Pyrene	-					0.02
Butyl benzyl phthalate	-					0.04
1,2 Benzanthracene	-					0.04
3,3' Dichlorobenzidine	-					0.16
Chrysene	-					0.04
Bis(2-ethyl hexyl)phthalate	-					0.06
Di n-octyl phthalate	-					0.04
Benzo(a)pyrene	-					0.06
Indeno(1,23-c,d)pyrene	-					0.06
1,2:5,6 Dibenzoanthracene	-					0.06
1,12 Benzoperylene	-					0.06
Benzo(b)Fluoranthene	-					0.06
Benzo(k)Fluoranthene	-					0.06
Diethyl phthalate	-					0.04
1,2 Diphenyl hydrazine	-					0.04
N-Nitroso diphenylamine	-					0.04
Phenyl-2-propanone	- *					<0.1 *
Methamphetamine	- *					<0.1 *

Note : (-) = Not detected
(blank) = Not determined

* Estimates - standards were not available. However, chromatographic screening yielded no detectable extraneous peaks for the sample

data compiled by

Analyst's Signature Jarvis Garche / Arthur PA Date 9/25/86
Signature of Supervising Chemist Howard S. Okamoto Date 9/25/86

ALAMEDA COUNTY
HEALTH CARE SERVICES



DAVID J. KEARS

AGENCY
Agency Director

R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

October 24, 1986

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Dear Mr. Duperly:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Rafat A. Shahid'.

Rafat A. Shahid, Chief
Hazardous Materials Program

RAS:mn-c

Attachment(s)

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DIVISION OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86

Collected by: L. Seto

Date Received: 9-19-86

Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit
for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Aluminum	Mercury
Sample Identification	Concentration in mg/l (ppm)	
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
LS10053-T	< 5.0	< 0.0005
LS10057-T	< 5.0	< 0.0005
LS10069-T	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

BC/cdb
7/85

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

Final

R02758

Collector's Name LARRY SETO
 Sampling Location: SURVEY
TESLA ROAD, LIVERMORE

Collector's Sample# L.S10021-T to
L.S. 10071-T
 Date Received by Lab. 9/19/81

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: ug/g Liquids: ug/L ug/mL

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10069-T	L.S10071-T	Limit
Bis(2-chloroethyl) ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl) ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanone and 1,3-dibenzoyl ketone. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be

Continued on page 2

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

October 23, 1986

Mr. & Mrs. Ron Eldred
10069 Tesla Road
Livermore, CA 94550

Dear Mr. & Mrs. Eldred:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

R02758

Final

Collector's Name LARRY SETO

Collector's Sample# L-S10021-T to

Sampling Location: SURVEY

L-S10071-T

TESLA ROAD, LIVERMORE

Date Received by Lab. 9/19/86

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: $\mu\text{g/g}$

Liquids: $\mu\text{g/L}$ $\mu\text{g/mL}$

HML #	C528 ^W	C529 ^W	C530 ^W	C531 ^W	C532 ^W	C533 ^W	Detection
Collector's #	L-S10021-T	L-S10049-T	L-S10053-T	L-S10057-T	L-S10069-T	L-S10071-T	Limit
Bis(2-chloroethyl) ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl) ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanone and 1,3-dibromobutane. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be

Continued on page 2

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86

Collected by: L. Seto

Date Received: 9-19-86

Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Concentration in mg/l (ppm)	
<u>Sample Identification</u>	Aluminum	Mercury
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
LS10053-T	< 5.0	< 0.0005
LS10057-T	< 5.0	< 0.0005
<u>LS10069-T</u>	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

ALAMEDA COUNTY
HEALTH CARE SERVICES



DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director

R02758

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

October 23, 1986

Dr. & Mrs. Campbell
P. O. Box 2068
Livermore, CA 94550

Dear Dr. & Mrs. Campbell:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

RO2758

Final

Collector's Name LARRY SETO
 Sampling Location: SURVEY
TESLA ROAD, LIVERMORE

Collector's Sample# L.S10021-T to
L.S. 10071-T
 Date Received by Lab. 9/19/86

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: ug/g Liquids: ug/L ug/mL

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection Limit
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10069-T	L.S10071-T	
Bis(2-chloroethyl) ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl) ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanol and 1,3-dibenzoyl ketone. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be

Continued on page 2

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

Solids: ug/g Liquids: ug/L

HML #	C528	C529	C530	C531	C532	C533	Detection
Collector's #	L.S 10021-T	L.S 10049-T	L.S 10053-T	L.S 10057-T	L.S 10069-T	L.S 10071-T	Limit
Anthracene	-	-	-	-	-	-	0.8
Di n-Butylphthalate	-	-	-	-	-	-	0.8
Fluoranthene	-	-	-	-	-	-	0.8
Benzidine	-	-	-	-	-	-	0.8
Pyrene	-	-	-	-	-	-	0.8
Butyl benzyl phthalate	-	-	-	-	-	-	0.8
1,2 Benzanthracene	-	-	-	-	-	-	0.8
3,3' Dichlorobenzidine	-	-	-	-	-	-	0.8
Chrysene	-	-	-	-	-	-	0.8
Bis(2-ethyl hexyl)phthalate	-	-	-	-	-	-	0.8
Di n-octyl phthalate	-	-	-	-	-	-	0.8
Benzo (a) pyrene	-	-	-	-	-	-	0.8
Indeno (1,23-c,d) pyrene	-	-	-	-	-	-	0.8
1,2:5,6 Dibenzoanthracene	-	-	-	-	-	-	0.8
1,12 Benzoperylene	-	-	-	-	-	-	0.8
Benzo (b) Fluoranthene	-	-	-	-	-	-	0.8
Benzo (k) Fluoranthene	-	-	-	-	-	-	0.8
Diethyl phthalate	-	-	-	-	-	-	0.8
1,2 Diphenyl hydrazine	-	-	-	-	-	-	0.8
N-Nitroso diphenylamine	-	-	-	-	-	-	0.8

Note : (-) = Not detected
 (blank) = Not determined

Analyst's Signature Neelam Dhoot Date 10/7/86
 Signature of Supervising Chemist Howard S. Okamoto Date 10/8/86

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86 Collected by: L. Seto

Date Received: 9-19-86 Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Concentration in mg/l (ppm)	
	Aluminum	Mercury
<u>Sample Identification</u>		
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
LS10053-T	< 5.0	< 0.0005
LS10057-T	< 5.0	< 0.0005
LS10069-T	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86 Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

BC/cdb
7/85

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXXXXXXXXXX~~ Agency Director



R00758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

October 23, 1986

Ms. Betty Johnson
10071 Tesla Road
Livermore, CA 94550

Dear Ms. Johnson:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

RO2758

Final

Collector's Name LARRY SETO

Collector's Sample# L.S10021-T to

Sampling Location: SURVEY

L.S. 10071-T

TESLA ROAD, LIVERMORE

Date Received by Lab. 9/19/81

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: ug/g

Liquids: ug/L ug/mL

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10089-T	L.S10071-T	Limit
Bis(2-chloroethyl) ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl) ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanol and 1,3-dibenzoyl ketone. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be

Continued on page 2

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86

Collected by: L. Seto

Date Received: 9-19-86

Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Concentration in mg/l (ppm)	
	Aluminum	Mercury
Sample Identification		
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
LS10053-T	< 5.0	< 0.0005
LS10057-T	< 5.0	< 0.0005
LS10069-T	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

October 23, 1986

Ms. Carol Hopkins
10053 Tesla Road
Livermore, CA 94550

Dear Ms. Hopkins:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

RO2758

Final

Collector's Name LARRY SETO

Collector's Sample# L.S10021-T to

Sampling Location: SURVEY

L.S10071-T

TESLA ROAD, LIVERMORE

Date Received by Lab. 9/19/86

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID

Reference: HML methods

Solids: ug/g

Liquids: ug/L ug/mL

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10069-T	L.S10071-T	Limit
Bis(2-chloroethyl)ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl)ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanol and 1,3-dibromopropane. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be < 1 ppm for these compounds.

Continued on page 2

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

page-2

Solids: ug/g

Liquids: ug/L

HML #	C528	C529	C530	C531	C532	C533	Detection
Collector's #	L.S 10021-T	L.S 10049-T	L.S 10053-T	L.S 10057-T	L.S 10069-T	L.S 10071-T	Limit
Anthracene	-	-	-	-	-	-	0.8
Di n-Butylphthalate	-	-	-	-	-	-	0.8
Fluoranthene	-	-	-	-	-	-	0.8
Benzidine	-	-	-	-	-	-	0.8
Pyrene	-	-	-	-	-	-	0.8
Butyl benzyl phthalate	-	-	-	-	-	-	0.8
1,2 Benzanthracene	-	-	-	-	-	-	0.8
3,3' Dichlorobenzidine	-	-	-	-	-	-	0.8
Chrysene	-	-	-	-	-	-	0.8
Bis(2-ethyl hexyl)phthalate	-	-	-	-	-	-	0.8
Di n-octyl phthalate	-	-	-	-	-	-	0.8
Benzo(a)pyrene	-	-	-	-	-	-	0.8
Indeno(1,23-c,d)pyrene	-	-	-	-	-	-	0.8
1,2:5,6 Dibenzoanthracene	-	-	-	-	-	-	0.8
1,12 Benzoperylene	-	-	-	-	-	-	0.8
Benzo(b)Fluoranthene	-	-	-	-	-	-	0.8
Benzo(k)Fluoranthene	-	-	-	-	-	-	0.8
Diethyl phthalate	-	-	-	-	-	-	0.8
1,2 Diphenyl hydrazine	-	-	-	-	-	-	0.8
N-Nitroso diphenylamine	-	-	-	-	-	-	0.8

Note : (-) = Not detected
 (blank) = Not determined

Analyst's Signature Neelam Dhoot Date 10/7/86
 Signature of Supervising Chemist Howard S. Okamoto Date 10/8/86

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86

Collected by: L. Seto

Date Received: 9-19-86

Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Aluminum	Mercury
Sample Identification	Concentration in mg/l (ppm)	
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
<u>LS10053-T</u>	<u>< 5.0</u>	<u>< 0.0005</u>
LS10057-T	< 5.0	< 0.0005
LS10069-T	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS

AGENCY
Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

October 23, 1986

Mr. Billie Richardson
10021 Tesla Road
Livermore, CA 94550

Dear Mr. Richardson:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

RO2758

Final

Collector's Name LARRY SETO
 Sampling Location: SURVEY
TESLA ROAD, LIVERMORE

Collector's Sample# L.S10021-T to
L.S.10071-T
 Date Received by Lab. 9/19/86

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: ug/g

Liquids: ug/L ug/mL

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10069-T	L.S10071-T	Limit
Bis(2-chloroethyl)ether	-	-	-	-	-	-	0.8
1,3 Dichlorobenzene	-	-	-	-	-	-	0.8
1,4 Dichlorobenzene	-	-	-	-	-	-	0.8
1,2 Dichlorobenzene	-	-	-	-	-	-	0.8
Bis(2-chloro isopropyl)ether	-	-	-	-	-	-	0.8
Hexachloroethane	-	-	-	-	-	-	0.8
N-Nitroso Di-n-propylamine	-	-	-	-	-	-	0.8
Nitrobenzene	-	-	-	-	-	-	0.8
Isophrone	-	-	-	-	-	-	0.8
Bis(2-chloroethoxy)methane	-	-	-	-	-	-	0.8
1,2,4 Trichlorobenzene	-	-	-	-	-	-	0.8
Naphthalene	-	-	-	-	-	-	0.8
2-Chloronaphthalene	-	-	-	-	-	-	0.8
Acenaphthylene	-	-	-	-	-	-	0.8
Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
 (blank) = Not determined

* Standards were not available for phenyl-2-propano
 methamphetamine, 1-phenyl-2-propanol and 1,3-dibenzoyl
 ketone. However, the capillary GC/FID scan of
 the water extracts (dil. factor = 0.2) yielded no
 unidentified peaks. Detection
 limits are estimated to be

Continued on page 2

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 86-084

Sample Identification Well Water Survey from Tesla Rd., Livermore

Analyses Requested by: L. Seto

Date Collected: 9-18-86

Collected by: L. Seto

Date Received: 9-19-86

Received by: B. Chan

Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Aluminum	Mercury
<u>Sample Identification</u>	Concentration in mg/l (ppm)	
<u>LS10021-T</u>	< 5.0	< 0.0005
<u>LS10049-T</u>	< 5.0	< 0.0005
<u>LS10053-T</u>	< 5.0	< 0.0005
<u>LS10057-T</u>	< 5.0	< 0.0005
<u>LS10069-T</u>	< 5.0	< 0.0005
<u>LS10071-T</u>	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS

AGENCY
Agency Director



R02758

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

October 23, 1986

Mr. Ron Mundy
10063 Tesla Road
Livermore, CA 94550

Dear Mr. Mundy:

The laboratory analysis of your well water sampled on September 18, 1986, has been completed by the State of California Department of Health Services, Hazardous Materials Laboratory and Alameda County Environmental Health Laboratory. The laboratories did not detect in your well water sample, any of the chemicals that were present in the chemical water pit at 10057 Tesla Road, Livermore. A copy of the laboratory results is attached for your information. In the lab report, your sample is identified by your street address, under collectors #.

If you have any questions, please contact Lawrence Seto, Hazardous Materials Specialist, at 874-7237.

Very truly yours,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services
 Hazardous Materials Laboratory
 LABORATORY REPORT
 Priority Pollutants--Base Neutrals

HML# C528 to

C533

R02758

Final

Collector's Name LARRY SETO
 Sampling Location: SURVEY
TESLA ROAD, LIVERMORE

Collector's Sample# L.S10021-T to
L.S.10071-T
 Date Received by Lab. 9/19/86

Analytical Procedure: Extracted with methylene chloride & analysed by automated 5880A GC/FID
 Reference: HML methods

Solids: ug/g

Liquids: ug/l ug/ml

HML #	C528*	C529*	C530*	C531*	C532*	C533*	Detection Limit
Collector's #	L.S10021-T	L.S10049-T	L.S10053-T	L.S10057-T	L.S10069-T	L.S10071-T	
Bis(2-chloroethyl) ether	-	-	-	-	-	-	0.8
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Dimethyl phthalate	-	-	-	-	-	-	0.8
2,6 Dinitro Toluene	-	-	-	-	-	-	0.8
Acenaphthene	-	-	-	-	-	-	0.8
2,4 Dinitro Toluene	-	-	-	-	-	-	0.8
Fluorene	-	-	-	-	-	-	0.8
Hexachlorobutadiene	-	-	-	-	-	-	0.8
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	0.8
4-Bromophenyl phenyl ether	-	-	-	-	-	-	0.8
Hexachloro cyclopentadiene	-	-	-	-	-	-	0.8
Hexachlorobenzene	-	-	-	-	-	-	0.8
Phenanthrene	-	-	-	-	-	-	0.8

Note: (-) = Not detected
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* Standards were not available for phenyl-2-propanone, methamphetamine, 1-phenyl-2-propanone and 1,3-dibromo ketone. However, the capillary GC/FID scan of the water extracts (dil. factor = 0.2) yielded no unidentified peaks. Detection limits are estimated to be

Continued on page 2

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DIVISION OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

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Analyses Requested by: L. Seto

Date Collected: 9-18-86

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Date Received: 9-19-86

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Analyses Requested Aluminum, Mercury

Background Information Survey information for wells near waste pit
for drug manufacture.

ANALYTICAL RESULTS

Parameter	Observation or Result	
	Aluminum	Mercury
<u>Sample Identification</u>	Concentration in mg/l (ppm)	
LS10021-T	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
LS10053-T	< 5.0	< 0.0005
<u>LS10057-T</u>	<u>< 5.0</u>	<u>< 0.0005</u>
LS10069-T	< 5.0	< 0.0005
LS10071-T	< 5.0	< 0.0005

Conclusions: _____

Date Analyses Completed: 9-23-86

Chemist: B. Chan

Approved: B. Chan *bc*

Distribution: R. Shahid, T. Shirasawa, G. Winn

BC/cdb
7/85

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

CARL N. LESTER, Agency Director



R02758

AGENCY HEADQUARTERS
499 Fifth Street
Oakland, California 9460
(415)

Certified Mail Receipt Number

P 314 212 216

September 8, 1986

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Dear Mr. Duperly:

This is to confirm the telephone conversation between yourself and Messrs. Larry Seto, HAZMAT Spec, and Ed Howell, Senior HAZMAT Spec, on September 5, 1986, concerning the clean-up of the property you own at 10057 Tesla Rd., Livermore Area.

International Technology had already removed the liquid component of the waste which had been disposed of into an unlined pit on your property. You were advised to contact I. T. concerning their response. You should also contact Lloyd Batham DOHS Emergency Response Fund 800 - 852-7550 and inform him of your intentions.

As for the clean-up needed, you are directed to submit to our office a plan of correction including but not limited to the following:

1. A plan of sampling the pit once it is cleaned to confirm no additional contamination.
2. Determine if core samples are needed in the immediate area.
3. The Hazardous Waste Company contracted to do the clean-up.
4. The licensed facility which is to receive the waste.
5. The protective clothing to be used on the clean-up.
6. The method of filling the pit once it is cleaned.

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

September 8, 1986

7. The septic tank must also be checked for potential contamination of hazardous waste.
8. The wells on this site must be checked for potential water contamination from the waste.

Please submit your plan of correction for approval prior to executing the clean-up. The plan must be received by our office within 30 days on or before October 8, 1986.

If you have any questions regarding this letter please contact Larry Seto at 874-7237.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Program

RAS:pasp

cc: D. Hoenig - DOHS
G. Jensen - D.A.
Zone 7
Sargent McGrail, Sheriff's Department
Lloyd Batham - DOHS

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
MEMORANDUM

DATE : September 2, 1986
TO : Rafat A. Shahid
FROM : Larry Seto
SUBJECT: Emergency Response/Clean-up, 10057 Tesla Rd., Livermore

The following events transpired in the following chronological order.

8-29-86

2:00 P.M. Received page by our office.

2:15 P.M. Spoke with Rafat. He said Sargent Crimm of the Sheriff's Department wants the waste chemicals in a pit from an illegal drug manufacturing operation hauled away and disposed of.

2:30 P.M. Arrived at Sheriff's Department and meet with Lt. Temple and Sargent Jim McGrail.

3:25 P.M. Sargent McGrail and I left for 10057 Telsa Rd., Livermore.

5:00 P.M. Arrived at scene.

5:30 P.M. Sampling, testing and ran computer printout of chemicals found at scene. Pit was 10'x4'x10' with 2' of liquid and 1' of sludge. Liquid had a ph 1, water soluble and non-flammable. Approximately 500-700 gal.

7:00 P.M. Prepared my request to DOHS for funds from the State Emergency REserve Account for site clean-up. Called I. T. and Crosby and Overton for estimates.

9:30 P.M. Left scene.

11:00 P.M. Arrived at home.

Rafat A. Shahid
Emergency Response/Clean-up
10057 Tesla Rd., Livermore

8-30-86

9:00 A.M. Spoke to DOHS, IT, OES, Rafat, Lt. Temple
and Sargent Seher of the Sheriff's Department

12:30 P.M. Left for site from Moraga.

1:55 P.M. Arrived at site and meet Officer Facchin.

2:25 P.M. IT arrives at the site.

3:25 P.M. Tim Roberts, Regional Manager and Key Kincaid, Operations
Supervisor for IT decided that the vacuum truck could not
get into the area of the pit, and dispatched for a flat
bed truck, compressor and personnel.

7:20 P.M. IT arrives at the scene with their flat bed truck and air
compressor.

9:15 P.M. Spoke to Lt. Hess concerning the status of the clean-up.

9:30 P.M. Spoke to Rafat.

8-31-86

12:20 A.M. Arrived at Sheriff's Department to drop off samples.

12:40 A.M. Left Sheriff's Department.

1:15 A.M. Arrived at home.

pasp

ALAMEDA COUNTY
HEALTH CARE SERVICES
CARL N. LESTER AGENCY
Agency Director



R0483

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

December 12, 1985

Northern California Power Agency
180 Cirby Way
Roseville, CA 95678

ATTN: Mr. Michael A. Argentine

Dear Mr. Argentine:

We are in receipt of your plans for the neutralization vault and oil separator to be located at 2900 Main St., Alameda. We have reviewed the plans and find that the separator, as defined by you, would be exempt from the Sher Bill under Sec. 25280(r)(5). However, we would recommend that an alarm with an automatic shut off, be installed to prevent an overflow, which may allow oil & water to enter the sanitary sewer system.

If you have any questions, please contact Edgar B. Howell, III, Haz Mat Specialist, at 874-7237.

Sincerely,

RAS SW
Rafat A. Shahid, Manager
Hazardous Materials Unit

RAS:mnc

cc Gerald Winn
Ted Gerow

ALAMEDA COUNTY
HEALTH CARE SERVICES

CARL N. LESTER

AGENCY

Agency Director



R0941

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

October 10, 1985

Mr. Jerry Lopus
Vice President Product Support
Peterson Tractor Co.
955 Marina Blvd.
San Leandro, CA 94577

Dear Mr. Lopus:

We are in receipt of your plan for remediation of your surface impound site, dated September 19, 1985, and the revision dated September 26, 1985.

In general, the plan is acceptable, however, we need clarification on a few points.

1. The contaminated soil is to be stored on site. How long will the soil be stored on site and where will final disposal take place?
2. What protective gear will be employed by those in contact with the material?
3. Who will be responsible for the oversight of the clean-up and protection of both, clean-up workers and Peterson Employees?

We see no reason for the actual clean-up not to begin immediately, but do request that the concerns noted be included in your plan.

If you have any questions, please contact Edgar B. Howell, III, Hazardous Materials Specialists, this office, at 874-7237.

Sincerely,

A handwritten signature in dark ink, appearing to read "Rafat A. Shahid". The signature is written in a cursive, somewhat stylized font.

Rafat A. Shahid, Manager
Hazardous Materials Unit

RAS:EBH:mnc

cc: Dwight Hoenig, DOHS
Lila Tang, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

CARL N. LESTER AGENCY
Agency Director



R01187

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

Certified No. 950218

August 26, 1985

Mr. Bob Ferguson
Grove Overland Trucking
4055 Hubbard
Emeryville, CA 94608

Dear Mr. Ferguson:

On July 19, 1985, you were visited by Mr. Edgar Howell, Hazardous Materials Specialist, concerning the drainage ditch at the rear of your property on Halleck St. At that time, you were notified that the oil contaminated soil must be removed and you were requested to call when it was removed for clarification that the contamination had been properly cleared. To date, we have not been contacted and therefore, we request an appointment with you, to confirm the necessary clean-up as requested on July 19, 1985, on or before September 4, 1985.

If you have any questions, please contact Edgar Howell, at 874-7237.

Sincerely,

Rafat A. Shahid, Manager
Hazardous Materials Program

RAS:mnc

cc: Dwight Hoenig, DOHS, Toxics
Gil Jensen, DA

ALAMEDA COUNTY
HEALTH CARE SERVICES

CARL N. LESTER

AGENCY

Agency Director



R079

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

Certified No. 950217

August 23, 1985

Oakland National Engraving Co.
1001 - 42nd St.
Oakland, CA 94608

ATTENTION: Peter Truskier

Dear Mr. Truskier:

In July, when I visited Oakland National Engraving Co., we discussed the possibility of rinsing the plastic containers previously containing ferric chloride and copper etching waste.

A sample container was picked up by Mr. Edgar B. Howell, this office, and submitted to our Alameda County Environmental Health Laboratory.

The container had a small amount of liquid residue, approximately 25-30 c.c.

When this residue was tested, it had a pH of less than 1, with soluble copper, to the extent of 36,000 ppm.

The container was rinsed with 1 liter of 1N. nitric acid, to remove all soluble copper. The container was then triple rinsed. Two rinses with deionized water and a final rinse with a buffer solution consisting of sodium bicarbonate and sodium hydroxide with a pH of 9.4. After the rinse, the liquid residue was tested and found to have a pH of 8.9 and a copper content of 0.36 ppm. (see attached)

Title 22, CAC, Sec. 66699, list the TTLC wet weight of copper as 2500 ppm, to be considered as hazardous waste.

On August 20, 1985, a meeting with Dale Boyer, was held concerning these results and it was determined that if the company could reduce the soluble copper content Threshold Limit Concentration, STLC, to less than 25 mg/l and the pH to between 5-9, then the containers can go to a municipal landfill Class II.

If you decide to use this method, please be advised that the liquid used to clean the containers and the rinse used, must be handled appropriately, per your discharge permit with the local sanitary District or as a hazardous waste.

R079

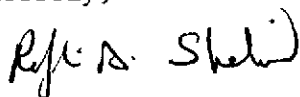
Oakland National Engraving Co.
ATTN: Mr. Peter Truskier
August 23, 1985
Page 2 of 2

Also, please contact me, Edgar Howell, this office, so that the site of disposal, if in this county, can be notified that disposal at their site is appropriate.

By copy of this letter, we are notifying, both, DOHS and RWQCB, of this matter.

If you have any questions, please feel free to call. (874-7237)

Sincerely,



Rafat A. Shahid, Manager
Hazardous Materials Program

RAS. mnc

cc: Dale Boyer, RWQCB
Dwight Hoenig, DOHS

Attachment

ALAMEDA COUNTY
HEALTH CARE SERVICES

CARL N. LESTER

AGENCY

Agency Director



R0240

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

June 3, 1985

Mr. John Park
Crystal Cleaners
2006 Encinal Ave.
Alameda, CA 94501

Dear Mr. Park:

This is to inform you that the surface soil sample taken at your place of business, 2006 Encinal Ave., Alameda, on 4/19/85, was submitted to the DOHS Hazardous Materials Lab on 05/03/85. Results of the analysis of the sample for Perchloroethylene, was found to be "not detected; less than 5ug/g.

If you have any questions, please call Edgar B. Howell, III, Hazardous Materials Specialist, this office (874-7237).

Sincerely,

Rafat A. Shahid

Rafat A. Shahid
Manager, Hazardous Materials Unit

cc: Dwight Hoenig, DOHS
J. Simon, BAAQMD

ALAMEDA COUNTY
HEALTH CARE SERVICES

Carl Lester AGENCY
~~Michael Leary~~, Agency Director



R02634

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

February 26, 1985

Karrick Neenan
K. L. Plating Company
10306 Pearmain Street
Oakland, CA. 94063

Dear Mr. Neenan:

On January 28, 1985 an inspection was conducted of your plating shop by this Department. It was discovered that you are violating Section 66490 of Title 22, Division 4, Chapter 30 of the California Administrative Code. Specifically, you have hazardous material spilled on the floor throughout the North side of your plating shop.

You are directed to provide this Department with a plan of correction within 15 days including:

- (1) analysis of the hazardous material
- (2) name and permit number of the licensed hauler
- (3) method of removal
- (4) location of the disposal facility.

Upon receipt, this Department will review you plan, and if approved, you will correct the spill immediately. If you have any questions, please contact Thomas Peacock at 874-7237.

Very truly yours,

Rafat A. Shahid

Rafat A. Shahid, Manager
Hazardous Materials Program

RAS:TP:cdb

cc: Dwight Hoenig, State Department of Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



SITE: 10057 Tesla Rd.
Livermore, CA

R02758

470-27th Street, Third Floor
Oakland, California 94612
(415)874-7237

3/10/87

Mr. Dick Duperly
3908 Fernwood Street
San Mateo, CA 94403

Dear Mr. Duperly:

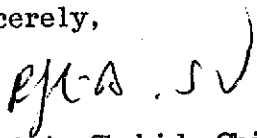
We have received the clean-up proposals from Erickson Inc., dated February 27, 1987, that you sent us. In general, the proposal is acceptable, but the following items must be addressed in writing before approval as a complete plan.

1. Drums containing liquid from the pit must be disposed of as hazardous waste.
2. All contaminated soil must be removed, with no limits.
3. Under item #2, sampling of contents of the septic tank in both, the liquid and solid phase, must be accomplished. If no contamination from chemicals related to the drug laboratory is found, no further action is necessary. If contamination is found, testing of soils in the leech field area must be accomplished with a plan of correction and depth of each sample taken. The chemical analysis must be submitted to us with a plan of correction for the area.
4. Location of all hot spots found and the amount of clean-up from each.

In addition, before a final letter can be issued, copies of all manifest and laboratory reports related to this site, must be on file in our office.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 874-7237.

Sincerely,


Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mn-c

cc: Dwight Hoenig, DOHS
Roger Wagner, Erickson Co.
Gilbert Jensen, Alameda County District Attorney, Consumer & Environmental
Protection Agency