DAVID J. KEARS, Director

DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MI 'RIALS PROG.
80 SWAN WAY, SUITE 200 SITE: 10057 Testa 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' The liquid/sludge contained hydrochloric acid, satisfaction. 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

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

Ro2758

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, Chief,

Rafat A. Shahid, Chier, Hazardous Materials Program

RAS: LS: mnc

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

Dwight Hoenig, DOHS Gloria Baugham 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

RWQCB Guy Roy

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY DAVID J. KEARS, Director

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,

gcasw

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

HEALTH CARE SERVICES



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,

RICO. SLIW

Rafat A. Shahid, Chief, Hazardous Materials Division

RAS:LS:mnc

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

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, 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



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, 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

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

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,

PLEA SM Rafat A. Shahid, Chief,

Hazardous Materials Specialist

RAS:mn-c

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

Dwight Hoenig, DOHS Roger Wagner, Erickson, Inc. HANNEY AREA TO Agency Director

B02758

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, Chief,
Hazardous Materials Program

RAS:mn-c

Attachment

LABORATORY REPORT
Purgeable Halocarbons

Juse

R02758

Collector's Name LARRY SEFO				Date :	Received	
Sampling Location Dur	serLy_	· · · · · · · · · · · · · · · · · · ·		_ Collec	ctor's Samp	le # <u>LS/0057</u> P
1005		LA RD	Liverr	nore	CA 9455	0 LS10057A
nalytical Procedure: Dire	ect Purge	and Trap	method fo		by GC/Couls	on Detector, with accep
	The second of th	ids: ug/		1	ds: ug/mL	Springle conthine
HML #	C721	C722	C723			Detection Limit/
Collector's Sample #	LS/0057P	1S10045	2510057A	•		Units
Chloromethane						2.5
Bromomethane	-					2.0
Vinyl chloride						10
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	-					
cis-1,3 Dichloropropene	_	-	-			-
Trichloroethylene	<u></u>		-			0.5
Dibromochloromethane	_		-			05
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 1 1	10
Tetrachloroethylene		-	- 1			0.5
Chlorobenzene		_	_			20
CHIOLODGHAEHE	<u> </u>					

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

Analyst's Signature

Neolain Dhout

12/23/86

Signature of Supervising Chemist

Carvail Garola

12/26/86

LABORATORY REPORT
Purgeable Halocarbons

	. 1
Part	
aut	اسر

R0258

Collector's Name Lowell Miles Date Received S-29-8% Sampling Location LERON TINER Collector's Sample CF W35H to IOSON TESLA RD		Pu	irgeable	Halocarbo	ns (autial		(30	7
DOCON TESTA RO LiveRmore. CA Single late with intemptible Collector: Direct Purge and Trap method followed by GC/Coulson Detector: Solids: ug/g Liquids: ug/mL Detection Limity Chloromethane CFW354 Units Chloromethane CFW354 Units Chloromethane CFW354 Units Chloromethane Collector: Sample # CFW354 Units Chloromethane Collector: Colle	Collector's Name Lowel	_ M12	LER		Date R	eceived	8-29	7-86	_
# Storife tate of the preceding and Trap method followed by GC/Coulson Detector. Solids: ug/g	Sampling Location LERD	Y TINE	FR		Collec	tor's Samp	le # <u>CF</u>	W354	to
### Analytical Procedure: Direct Furge and Trap method followed by GC/Coulson Detector. Solids: ug/g	10500	TESLA	Ro. L	IVERMOR	E.CA				
Solids: ug/g Liquids: 45/mL		. •		4			Start	e callend	<u>.</u>
### ### ##############################	Analytical Procedure: Dir	ect Purge	and Trap	method f	ollowed b	y GC/Couls	on Detec	tor.	. <u></u>
Collector's Sample # CFW354 Uninity Chloromethane 2.0 mg/m Bromomethane - 2.0 mg/m Bromomethane - 2.0 mg/m Chloroethane - 2.0 mg/m Methylene chloride - 1.0 mg/m Limity mg/m		Soli	ids: ug/	g	Liquid	'Ng ls: ₩g/mL			
Chloromethane	HML #	C405	- .			· · · · · · · · · · · · · · · · · · ·		1	4
Chloromethane	Collector's Sample #	CFW354							1
Bromomethane	Chloromethane							1	ngh
Vinyl chloride	Bromomethane	-] `
Chloroethane	Vinyl chloride	_	ñ.						1
1,1-Dichloroethane	Chloroethane							1.0]
1,1-Dichloroethene	Methylene chloride 😽	18	•					,	
1,1-Dichloroethane	1,1-Dichloroethene	-		,				1	1
Chloroform]]
1,2-Dichloroethane	trans 1,2 Dichloroethene							0.5	
1,1,1-Trichloroethane — O.5 Carbon tetrachloride — O.5 Bromo-dichloromethane — I.2-Dichloropropane — I.2-Dichloropropane — I.2-Dichloropropene — I.2-Dichloropropene — I.2-Dichloropropene — O.5 Dibromochloromethane — O.5 Dibromochloromethane — O.5 1,1,2-Trichloroethane — O.5 1,1,2-Trichloroethane — O.5 2-Chloropropene — O.5 Bromoform — O.5 1,1,2,2-Tetrachloroethane — O.5 1,1,2,2-Tetrachloroethane — O.5 Chlorobenzene — O.5 Note: (-) = Not detected — O.5 Chlorobenzene — O.5 Note: (-) = Not detected — O.5 Contamination with methylac chlorides — Contamination typically runs O-10 ppb. Signature of Supervising Chemist Neekam Dhoot 9/25/86 Howard S. Okamath 9/24/84	Chloroform	_			ŕ			2.0	
Carbon tetrachloride —	1,2-Dichloroethane	_					-	0.5	
Bromo-dichloromethane 1,2-Dichloropropane cis-1,3 Dichloropropene Trichloroethylene Dibromochloromethane Trichloroethane Trichloroethane Trichloroethane Trichloropropene Dibromochloromethane Trichloroethane Dos 1,1,2-Trichloroethane Trichloropropene Dos 1,1,2-Trichloroethane Dos 2-Chloropropene Dos 2-Chloropropene Dos Tetras-1,3 Dichloropropene Dos 1,1,2-Trichloroethane Dos 2-Chloropropene Dos Trichloropropene Dos Trichloropro	1,1,1-Trichloroethane	<u> </u>		-				0.5	
1,2-Dichloropropane Cis-1,3 Dichloropropene Trichloroethylene Dibromochloromethane 1,2-Trichloroethane 1,1,2-Trichloroethane Cos 1,1,2-Trichloropropene Cos 2,0 Cos 1,1,2-Trichloropropene Cos 2,0 Cos 2,0 Cos Costanination with methylace Coloride, Costanination typically runs 0-10 ppb. Costanination typically runs 0-10 ppb. Signature of Supervising Chemist Neelam Dhoot 1,2-Trichloropropene Cos 1,1,2-Trichloropropene Cos 2,0 Cos Cos Cos Cos Cos Cos Cos Co	Carbon tetrachloride		•			·		0.5]
1.2-Dichloropropane Cis-13 Dichloropropene Trichloroethylene Dibromochloromethane 1.1,2-Trichloroethane 1.1,2-Trichloroethane 1.2.0 Trichloropropene 1.3 Dichloropropene 1.4 Dichloropropene 1.5 Dichloropropene 1.6 Dichloropropene 1.7 Dichloropropene	Bromo-dichloromethane				-			1]
Trichloroethylene Dibromochloromethane Dibromochloromethane 1,1,2-Trichloroethane Crans-1,3 Dichloropropene Dibromochloromethane Crans-1,3 Dichloropropene Dibromochloromethane Crans-1,3 Dichloropropene Display Bromoform Display Chloroethyl vinyl ether Display Chloroethyl vinyl ether Display Chlorobenzene Note: (-) = Not detected (blank) = Signature Signature of Supervising Chemist Needam Dhoot Signature of Supervising Chemist						<u>.</u>	-	1	
Dibromochloromethane 1,1,2-Trichloroethane 1,1,2-Trichloropthane 1,2,2-Trichloropthane 20 2-Chloropthyl vinyl ether 30 Bromoform 5-D 1,1,2,2-Tetrachloroethane Tetrachloroethylene Chlorobenzene Note: (-) = Not detected (blank) = Not detected (blank) = Not detected Contamination with methylare clloride. Contamination with methylare clloride. Contamination with methylare clloride. Contamination typically runs 0-10 ppb. Signature of Supervising Chemist Neelam Dhoot 8/25/86 Howard 5.8 Kanato 9/26/86	cis-1,3 Dichloropropene			·				1]
1,1,2-Trichloroethane trans-1,3 Dichloropropene 2-Chloroethyl vinyl ether Bromoform 1,1,2,2-Tetrachloroethane Tetrachloroethylene Chlorobenzene Note: (-) = Not detected (blank) = Not determined Analyst's Signature Negham Dhoot 1,1,2,5/86 Note: (-) = Not detected (contamination with methylac clloride, (contamination typically runs 0-10 ppb.) Signature of Supervising Chemist Negham Dhoot Negham Dhoot Negham Dhoot Negham Dhoot Negham Dhoot Negham Dhoot Note: (-) = Not detected (contamination typically runs 0-10 ppb.) Signature of Supervising Chemist	Trichloroethylene						•	0.5]
trans-1,3 Dichloropropene 2-Chloroethyl vinyl ether 20 Bromoform 1,1,2,2-Tetrachloroethane 10 Tetrachloroethylene Chlorobenzene Note: (-) = Not detected (blank) = Not determined Analyst's Signature Neelam Dhoot Neelam Dhoot 9/25/86 4 Note: 4 Note: We normally experience low level laboration with methylare chloride. Contamination typically runs 0-10 ppb.	Dibromochloromethane	_				· .		0.5	
2-Chloroethyl vinyl ether = 2.0 Bromoform = 5.0 1,1,2,2-Tetrachloroethane = 1.0 Tetrachloroethylene = 2.0 Chlorobenzene = 2.0 Note: (-) = Not detected								0.5	
2-Chloroethyl vinyl ether - 2.0 Bromoform - 5-D 1,1,2,2-Tetrachloroethane - 1.0 Tetrachloroethylene - 2.0 Note: (-) = Not detected (blank) = Not determined (blank) = Not determined (contamination with methylane chloride, contamination typically runs 0-10 ppb. Analyst's Signature Signature Signature of Supervising Chemist Neelam Dhoot 9/25/86 Howard 5.8 Kanato 9/26/86	trans-1,3 Dichloropropene	-			·			0:5	
1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethylene Chlorobenzene Note: (-) = Not detected (blank) = Not determined (blank) = Not determined Analyst's Signature Neelam Dhoot 8/25/86 Howard S. 8 Kanato 9/26/86		-			,			2.0	
Tetrachloroethylene Chlorobenzene Chlorobenzene Note: (-) = Not detected	Bromoform				-			5-0	1
Chlorobenzene Note: (-) = Not detected * Nite: We normally experience low level lab (blank) = Not determined contamination with methylane chloride. Contamination typically runs 0-10 ppb. Analyst's Signature Signature of Supervising Chemist Neelam Dhoot \$/25/86 Howard 5.0 Kanuto 9/26/86	1,1,2,2-Tetrachloroethane							1.0	
Note: (-) = Not detected * Nite: We normally experience low level lab (blank) = Not determined contamination with methylane chloride, Contamination typically runs 0-10 ppb. Analyst's Signature Signature of Supervising Chemist Neelam Dhoot \$/25/86 Howard 5.0 Kanuto 9/26/86	Tetrachloroethylene							0.5	
Neelam Dhoot \$/25/86 Howard 5.0 Kanto 9/26/86	Chlorobenzene			-			·	1 -	
Neelam Dhoot \$/25/86 Howard 5.0 Kanto 9/26/86						,]
Neelam Dhoot \$/25/86 Howard 5.0 Kanto 9/26/86		cted	* Nite	We no	rmally	oxperience	Low &	evil Lab	
Neelam Dhoot \$/25/86 Howard S. 8 Kanto 9/25/86	-	rmined		Contami	nation 1	ypically r	uns 0-	10 10 10 6.	
Neelam Dhoot \$/25/86 Howard S. O Kamito 9/26/86	· -			Sigr	ature of	Supervision	ng Chemis	t	ď
	Neelam Dho	<i>t</i>	\$/25/	86 <u>H</u>	oward	J.0 Ka	noto	9/26/80	2

California Department of Health Services Hazardous Materials Laboratory

LABORATORY REPORT

1	Ŕ	0	1	Ŧ	5	8
	١,	v	-		~	_

HML# _ (405

Priority Pollutants--Base Neutrals

Collector's Name	ell Miller	Collector's Sample# G	W 354_to
Sampling Location: Levo	ny Tiner	<u> </u>	
	700 Testa Rd. Livermore Ca	Date Received by Lab.	8 29 8 6
Analytical Procedure: E	xtracted with methylene chloride	e & analysed by automated	5880A GC/FID:
Reference: HML methods	<u>:</u>	* Tangre Taken a	and foliate

Liquids: ug/L

	Sol	ids: ug/g		Liqui	ds: ug/	և 	
HML #	C405						Detection
	CFW 354	:	a		·		<u>Limit</u>
is(2-chloroethyl)ether					•		0.1M
,3 Dichlorobenzene				, .			0.04
,4 Dichlorobenzene							0.04
,2 Dichlorobenzene							0.04
Bis(2-chloro isopropyl)ether						<u> </u>	0.2
Hexachloroethane							0.1
N-Nitroso Di-n-propylamine		ļ <u>-</u>				<u> </u>	
Nitrobenzene	<u> </u>	ļ			·	-	0.04
Isophrone						<u> </u>	0.04
Bis(2-chloroethoxy)methane			<u> </u>			ļ	0.06
1,2,4 Trichlorobenzene							<u> </u>
Naphthalene	1 -	<u> </u>		<u> </u>			0.02
2-Chloronaphthalene			,				0.04
Acenaphthylene		<u> </u>		<u> </u>			0.04
Dimethyl phthalate						<u> </u>	0.04
2,6 Dinitro Toluene		<u> </u>				<u> </u>	0.06
Acenaphthene			<u> </u>			<u> </u>	0.02
2,4 Dinitro Toluene							0.06
Fluorene							0.02
Hexachlorobutadiene	-				<u> </u>		0.16
4-Chlorophenyl phenyl ether	·						0.04
4-Bromophenyl phenyl ether		1					0.04
Hexachloro cyclopentadiene	<u> </u>						0.16
Hexachlorobenzene					<u> </u>		0.2
Phenantherene							0.02

Note:

(-) = Not detected

(blank) = Not determined

LABORATORY REPORT

* Sample taken with an unaccaptable sample Container

page-2

Priority Pollutants—Base Neutrals Chacce

	Sol	ids: ug/g		Liquids	: ug/L	
HML #	C 405					Detectio
Collector's #	CFW 3 54					<u>Limit</u>
Anthracene	-					0.02
Di n-Butylphthalate	_					0.04
Fluoranthene	_		· · · · · · · · · · · · · · · · · · ·			0.0.2
Benzidine	_			-		0.2
						0,02
Pyrene Butyl benzyl phthalate						0.04
1,2 Benzanthracene	-					0.04
3,3' Dichlorobenzidine				· · · · ·		0.16
				* .		0.04
Chrysene .						0.06
Bis(2-ethyl hexyl)phthalat						0.04
Di n-octyl phthalate				·		0.06
Benzo (a) pyrene						0.06
Indeno(1,23-c,d)pyrene	-			<u> </u>		0.06
1,2:5,6 Dibenzoanthracene						0.06
1,12 Benzoperylene			<u> </u>			0.06
Benzo (b) Fluoranthene	1					0.06
Benzo(k)Fluoranthene						0.04
Diethyl phthalate			<u> </u>	<u> </u>		0.04
1,2 Diphenyl hydrazine			<u>:</u>	<u> </u>		0,04
N-Nitroso diphenylamine						<0.1
Pheny - 2-propanone	- *			1	<u> </u>	
Methamphetamine	*		:	<u> </u>		<0.1
					•	
	· .			1	_	
					<u> </u>	
				<u> </u>		7 (
Note: (-) = Not de (blank) = Not de	termined	How ho	ever, chr detectable	standa omatocyr e extro dala comp	rephie scr neone f ided by	not available reening yielde seaks for the
Analyst's Signature	Jaruar 1	2gwow	<u> </u>	irlum 17	H Company	ate
			, , , , , , , , , , , , , , , , , , ,	0/_	4 5	ate 9/25/83
Signature of Supervising	chemist <u>1</u>	tornal-	<i>y</i>	Can	10 De	

DAVID J. KEARS

AGENCY Agency Director



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,

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

ample Identification Well Water S	Survey from Tesla Re	d., Livermore
nalyses Requested by: I. Seto		
late Collected: 9-18-86		by: L. Seto
ate Received: 9-19-86	Received t	y: B.Chan
nalyses Requested Aluminum, Merc		
Background Information Survey information or drug manufacture.	ormation for wells	near waste pit
ANAL	LYTICAL RESULTS	
		ervation or Result
Parameter Sample Identification	Concentrat Aluminum	ion in mg/1 (ppm) Mercury
.S10021-T	< 5.0	< 0.0005
S10049-T	< 5.0	< 0.0005
S10053-T	< 5.0	< 0.0005
LS10057-T	₹ 5.0	< 0.0005
_S10069-T	< 5.0	<0.0005
LS10071-T	< 5.0	< 0.0005
•		
Conclusions:		
Date Analyses Completed: 9-23-86	Che	mist: B.Chan
Approved: B. Chan	C Winn	
Distribution: R. Shahid, T. Shira	sawa, G.winn	
BC/cdb 7/85		

California Department of Health Services azardous Materials Laboratory

LABORATORY REPORT

Priority Pollutants--Base Neutrals

<i>5</i> 33	_				
,	_	~~	-1	=	Q

HML# <u>C528</u>

LARRY SETO Collector's Name

Collector's Sample# L. S/0021-T to

Sampling Location: _

Date Received by Lab.

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

Reference: HML methods

		ids: ug/ g		Liquids: ug/L ug/mL			
HML #	C528*	C529 "	C530	C531	ر 4532	د533 [%]	Detection
Collector's #	L·S10021-T	LS10049-T	LS loos3-T	L.Sloos 7-1	L. S 10069-T	L.S 10071-T	Limit
Bis (2-chloroethyl) ether	-	;			· _		0.8
1,3 Dichlorobenzene		÷-			<u> </u>		0.5-
1,4 Dichlorobenzene	-						0.8
1,2 Dichlorobenzene		_			-		0.8
Bis (2-chloro isopropyl) ether			_		<u> </u>		OY
Hexachloroethane		-				-	0.8
N-Nitroso Di-n-propylamine					<u> </u>	_	0.8
Nitrobenzene				<u> </u>			0.8
Isophrone		_			<u>-</u>		0.8
Bis (2-chloroethoxy) methane			<u> </u>		_		0.8
1,2,4 Trichlorobenzene					 -	-	0.8
Naphthalene						-	08
2-Chloronaphthalene		_				<u> </u>	0.8
Acenaphthylene			<u> </u>	<u> </u>			08
Dimethyl phthalate					<u> </u>		0.8
2,6 Dinitro Toluene				<u> </u>			0.8
Acenaphthene		_				<u> </u>	0.8
2,4 Dinitro Toluene	 						0.8
Fluorene	-			<u> </u>	-	-	0.8
Hexachlorobutadiene							0.8
4-Chlorophenyl phenyl ether		_					0.8
4-Bromophenyl phenyl ether	_					. –	0.8
Hexachloro cyclopentadiene		-				 -	0.8
Hexachlorobenzene	-				_	ļ <u> </u>	0.8
Phenanthyrene	-		<u> </u>	_			0.8

Note:

(-) = Not detected

(blank) = Not determined

* Standards were not available for phenyl-2-proposon methamphelimine, 1-phenyl-2-proposon and 1,3-dibrings ketone. However, the capillary GC/FID scan of the water extracts (dil.factor=0-2) yielded no

Continued on page 2 unidentified peaker. Detecte

California Department of Health Selvices Hazardous Materials Laboratory LABORATORY REPORT

Priority Pollutants--Base Neutrals

	C528	C529	C530	C531	C532	C533_	Detection
21.113 ()	L C localeT	1. S.10049-F	1. Sico=3-1		L-S 10069-1	L. S10071-T	Limit
Collector's #	L-3 1004 1		1.04			_	0.8
Anthracene		<u> </u>				_	0.8
Di n-Butylphthalate	<u> </u>		<u> </u>	_			0.8
Fluoranthene							
Benzidine					_		08
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)phthalat	e –	_			_	-	0.8
Di n-octyl phthalate	_		_		-		0.8
	<u> </u>			-			0.8
Benzo (a) pyrene	` -			_		<u> </u>	0.8
Indeno(1,23-c,d)pyrene	<u> </u>	-	<u> </u>	_		-	08
1,2:5,6 Dibenzoanthracene	<u> </u>				_	_	0.8
1,12 Benzoperylene		_		 -		_	0.8
Benzo (b) Fluoranthene	<u> </u>	 		-			0.8
Benzo(k)Fluoranthene					 	 	0.8
Diethyl phthalate	<u> </u>				- 	 	
1,2 Diphenyl hydrazine				-	- -		0.8
N-Nitroso diphenylamine					 -	<u> </u>	D.8
						 	
				:		.	_
				: [ļ	1	

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

(blank) = Not determined

Analyst's Signature	Neel	am Dhoot		<u> </u>	-	10/7/86
Signature of Supervising	Chemist	Howan	15 Okum	er to	Date	10/8/85

> 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, Chief, Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services azardous Materials Laboratory

LABORATORY REPORT

Priority Pollutants--Base Neutrals

First

<u>C533</u> R02758

0.8

0.8

HML# <u>C528</u> to

Collector's Name	LARRY SETO	Collector's Sample# L. S/pn21-T to
Sampling Location:	SURVEY	LS 10071-F
	TEND PART LIVEDINDE	Date Received by Lab. 9/19/8/

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

Reference: HML methods

$\sum_{i=1}^{n} (i - i)^{n} $	Sol	-			ids: ug/I		
HML #	C528*	C529*	C530	C5314	ر 4532	د533 ^{لا}	Detection
Collector's #	L-S100217	L.Sloc49-T	LSloos3-T	L-Sleos7-T	L.S 10069-T	LS10071-1	Limit
Bis(2-chloroethy1)ether				-	-		0.8
1,3 Dichlorobenzene		<u> </u>	-				0.8-
1,4 Dichlorobenzene			_				0.8
1,2 Dichlorobenzene	-	-					0.8
Bis (2-chloro isopropyl) ether		-		_			OY
Hexachloroethane		<u> </u>					0.8
N-Nitroso Di-n-propylamine					<u> </u>		0.8
Nitrobenzene					<u> </u>	-	0.8
Isophrone			_	_		-	0.8
Bis (2-chloroethoxy) methane						<u> </u>	0.8
1,2,4 Trichlorobenzene		_			<u> </u>		0.8
Naphthalene	_				ļ <u>-</u>		08
2-Chloronaphthalene		<u> </u>					0.8
Acenaphthylene				<u> </u>			0.8
Dimethyl phthalate	_					-	0.8
2,6 Dinitro Toluene			_				0.8
Acenaphthene	_				-		1.8
2,4 Dinitro Toluene	·						0.8
Fluorene	_	T -	_	-	-	-	0.8
Hexachlorobutadiene	_		-	_			0.8
4-Chlorophenyl phenyl ether	_	_		_			0.8
4-Bromophenyl phenyl ether	<u> </u>	_				· —	0.8
4 Dromobucuit Emmi	- ii				1		100

Note:

(-) = Not detected

Hexachloro cyclopentadiene

Hexachlorobenzene

Phenanthprene

(blank) = Not determined

* Standards were not available for phenyl-2-properor methamphetamine, 1-phenyl-2-propanol and 13-dibomp ketone. However, the capillary GC/FID Scan of the water extracts (dil.factor=0-2) yielded no

Continued on page 2 unidentified peakes. Detection limits are estimated to be

page-2

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

	So	lids: ug/	g	Liquids	: ug/L		,
HML #	C528	C529	C530	c531	C532		Detection
Collector's #	L. S 10021-T	L'Sioc49-T	L. \$10053-T	L·S 6057-1	L-S 10069-1	L. Si0071-1	Limit
Anthracene			_	_		<u> </u>	0.8
Di n-Butylphthalate		_		· _			0.8
			_	-	_		0.8
Fluoranthene			-	_		-	08
Benzidine				_			0.8
Pyrene	-		/	_			0.8
Butyl benzyl phthalate			<u></u>			_	0.8
1,2 Benzanthracene							0.8
3,3' Dichlorobenzidine			<u> </u>				0.8
Chrysene						_	T
Bis(2-ethyl hexyl)phthalate	b a				-		0.8
Di n-octyl phthalate		 					0.8
Benzo(a)pyrene	-	<u> </u>		<u> </u>	-	<u> </u>	0.8
Indeno(1,23-c,d)pyrene						<u> </u>	0.8
1,2:5,6 Dibenzoanthracene		<u> </u>			<u> </u>		08
1,12 Benzoperylene		-				 	08_
Benzo (b) Fluoranthene		-		·	_	<u> </u>	0.8
Benzo (k) Fluoranthene				_			0.8
Diethyl phthalate	-	-					0.8
1,2 Diphenyl hydrazine	-	_		<u> </u>	<u> </u>	_	0.8
N-Nitroso diphenylamine	-	_	_				D.8
			·	. 1			
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							-
			<u> </u>		İ		
				:			

(blank) = Not de	ermined	:	
Analyst's Signature	Neolam Phoot		Date

(-) = Not detected

Note:

Analyst's Signature Neelann Dhoot Date 10/7/86

Signature of Supervising Chemist 4/2002 / Signature of Supervising Chemist 4/2002 / Signature Date 10/8/85

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

ANALYTICAL REQUEST

mple Identification Well Water Survey	<u>. · · · · · · · · · · · · · · · · · · ·</u>	
nalyses Requested by: T. Seto		Soto
ate Collected: 9-18-86	Collected	by: <u>L. Seto</u> B.Chan y:
ate Received: 9-19-86	Received D	y:
nalyses Requested Aluminum, Mercury		<u> </u>
		waste pit
ackground information Survey informa	tion for wells	near waste par
or drug manufacture.		
ANALYTIC	AL RESULTS	
		ervation or Result
arameter		ion in mg/1 (ppm)
ample Identification	Aluminum	Mercury
.S10021-T	< 5.0	< 0.0005
.S10049-T	< 5.0	< 0.0005
.S10053-T	< 5.0	< 0.0005
	< 5.0	< 0.0005
_S10057-T	< 5.0	<0.0005
_S10069-T	< 5.0	<0.0005
LS10071-T		
Conclusions:		
0_23_86	Che	mist: B.Chan
Date Analyses Completed: 9-23-86		
Approved: B.Chan Distribution: R.Shahid, T.Shirasaw	a G.Winn	

BC/cdb 7/85 HEALTH CARE SERVICES

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 at 10057 Tesla Road, Livermore. 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, Chief, Hazardous Materials Program

RAS:mn-C

Attachment(s)

California Department of Health Services zzardous Materials Laboratory

LABORATORY REPORT

Priority Pollutants--Base Neutrals

First	
thoul	
I I I Care	•

<u>_</u>	5	3	3			_	
			R	02	7	5	୨

HML# <u>C528</u>

Collector's Name	LARRY SETO	<u> </u>	Collector's Sample# /	. S10021-T to
Sampling Location:			· · · · · · · · · · · · · · · · · · ·	·S.10071-F
Sampling Location:	TECLO POAD	LIVERMORE	Date Received by Lab.	9/19/86

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

Reference: HML methods

	Sol	ids: ug/g				ug/m	
HML #	C528*	C529*	C530	C5314	C532	د533 [*]	Detection
Collector's #	L S10021-T	L'Slock19T	LS10053-T	L-Sloo57-T	L. S 10069-T	LS10071-1	Limit
Sis(2-chloroethyl)ether					· —		0.8
1,3 Dichlorobenzene	_			<u> </u>			D.S-
1,4 Dichlorobenzene							0.8
1,2 Dichlorobenzene							0.8
Bis(2-chloro isopropyl)ether	-	-	-	_			08
Hexachloroethane		!					08
N-Nitroso Di-n-propylamine						<u>-</u>	0.8
Nitrobenzene	-						0.8
Isophrone	_						0.8
Bis (2-chloroethoxy) methane	_	-		_			0.8
1,2,4 Trichlorobenzene	-				<u> </u>	<u> </u>	0.8
Naphthalene	-				ļ		08
2-Chloronaphthalene		—				<u> </u>	0.8
Acenaphthylene	_			<u> </u>			08
Dimethyl phthalate	_	_			_		0.8
2,6 Dinitro Toluene	_		_	—			0-8
•		-					UN
Acenaphthene 2,4 Dinitro Toluene			-				0.8
		-	T -		-		0.8
Fluorene Hexachlorobutadiene							0.8
		-	_	_			0.8
4-Chlorophenyl phenyl ether	_	-	_		_		0.8
4-Bromophenyl phenyl ether			_	_			0.8
Hexachloro cyclopentadiene		-	 -	_	-		0.8
Hexachlorobenzene	-	+	_	_	_	_	0.8
Phenanth rene		Ch. d	1	n. A	tilel la	for phene	1-2-00

Note:

(-) = Not detected

(blank) = Not determined

methampheliamine, 1-phenyl-2-proposed and 13-dibries ketone. However, the copillary GC/FID scan of the water extracts (dil.factor = 0-2) yielded no continued on page 2 unidentified peakes. Detection limits are estimated to be

page-2

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

	So	lids: ug/	g	Liquids	ug/L		
T.	C528	C529	C530	c531			Detection
111111111111111111111111111111111111111	i S Jos21-T	L. S10049-T	L. \$10053-1	L S bc57-1	L.S 10069-1	L S10071-1	Limit
COTICOTO	_				-		0.8
Anthracene	<u></u>			_			0.8
Di n-Butylphthalate				_	_		0.8
Fluoranthene							08
Benzidine			<u></u>				0.8
Pyrene				 		 ·	
Butyl benzyl phthalate					<u> </u>		0.8
1,2 Benzanthracene		<u> </u>					0.8
3,3' Dichlorobenzidine	-	<u></u>					0.8
Chrysene	-	-			-		0.8
Bis(2-ethyl hexyl)phthalat	e -	-					0.8
	<u> </u>	_			<u> </u>	_	0.8
Di n-octyl phthalate	<u> </u>			_			0.8
Benzo (a) pyrene	<u> </u>			· —		-	0.8
Indeno(1,23-c,d)pyrene	<u> </u>	 		-			08
1,2:5,6 Dibenzoanthracene		<u> </u>		 	_	_	0.8
1,12 Benzoperylene			 			_	0.8
Benzo(b)Fluoranthene		 		: -		<u> </u>	0.8
Benzo(k)Fluoranthene							
Diethyl phthalate					-	1	0.8
1,2 Diphenyl hydrazine				<u> </u>		 	0.8
N-Nitroso diphenylamine				-			D.8
			_		94.4		

	(blank) = Not determined	:	
		ì	
• *	Al. A. Pol ont		

(-) = Not detected

Note:

Analyst's Signature Neclam Dhoot Date 10/7/86

Signature of Supervising Chemist Arwal Sidkum to Date 10/8/85

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

ANALYTICAL REQUEST

ample Identification Well Water Surve	v from Tesla F	d. Livermore
	y-1100, 1001 0 .	
nalyses Requested by: T.Seto	Collected	by:L. Seto
ate Collected: 9-18-86	Possived	by: B. Chan
ate Received: 9-19-86	RECEIVED	Uy
nalyses Requested Aluminum, Mercury		
		waste pit
ackground Information Survey informat	ion for wells	near waste pro-
or drug manufacture.		
	DECUITE	
ANALYTICA		servation or Result
arameter		tion in mg/l (ppm)
ample Identification	Aluminum	Mercury
S10021-T	< 5.0	< 0.0005
S10049-T	< 5.0	< 0.0005
.S10053-T	< 5.0	< 0.0005
.S10057-T	< 5.0	< 0.0005
_S10069-T	< 5.0	<0.0005
_S10071-T	< 5.0	< 0.0005
•		
Conclusions:		
Date Analyses Completed: 9-23-86	Ch	emist: B.Chan
Annual B Chan		
Distribution: R. Shahid, T. Shirasawa	, G.Winn	
:		
BC/cdb		



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, Chief, Hazardous Materials Program

RAS:mn-C

Attachment(s)

California Department of Health Services

azardous Materials Laboratory

LABORATORY REPORT Priority Pollutants--Base Neutrals

HML# <u>C528</u>

Collector's Name	LARRY SETO	Collector's Sample# L. Sloo21-T to
Sampling Location:	SURVEY	L.S. 10071-F
Jamping Dovern	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		:			•	•	•
		ids: wg/g				ug/m	
HML #	C528*	C529*	C530	C5314	C532 €	د533 [%]	Detection
Collector's #	4. S10021-T	L.Sloc49-T	LS10053-T	L-S10057-T	L: S 10069-T	LS 10071-T	Limit
Bis(2-chloroethyl)ether			-	_	·		0.8
1,3 Dichlorobenzene		-	_				0.5-
	-		_				0.8
1,4 Dichlorobenzene		·					0.8
1,2 Dichlorobenzene Bis (2-chloro isopropyl) ether		_	-	_			OY
Hexachloroethane	_	-		-			0.8
			_	_	-		0.8
N-Nitroso Di-n-propylamine			_		- -		108
Nitrobenzene	 		-	_	_	_	0.8
Isophrone	 	 	_	_	_	-	0.8
Bis(2-chloroethoxy)methane	<u> </u>			 	 		0.8
1,2,4 Trichlorobenzene	1		 	 _	 		08
Naphthalene		<u> </u>		 _	 	_	0.8
2-Chloronaphthalene	1		<u> </u>		 	_	
Acenaphthylene				 '-	<u> </u>	 	08
Dimethyl phthalate					-	 -	0.8
2,6 Dinitro Toluene				<u> </u>		 	0.8
Acenaphthene							108
2,4 Dinitro Toluene	_			-		_	0.8
Fluorene	-		<u> </u>				0.8
Hexachlorobutadiene	_	T -	_				0.8
4-Chlorophenyl phenyl ether	_	_	T -	_			0.8
	. 1			_			0.8
4-Bromophenyl phenyl ether	IS .	-	_	_			0.8
Hexachloro cyclopentadiene				_	T	-	0.8
Hexachlorobenzene	-		_	- 	_	-	0.8
Phenanth rene					-11 11 11	7 /	1.2

Note:

(-) = Not detected

(blank) = Not determined

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

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

	So	lids: ug/	g	Liquids	: ug/L		
HML #	C528		८ 530	c531	C532		Detection
Collector's #	L. S 10021-T	L Sloo49-F	L. S. 10053-1	L.S loc57-1	L-S 10069-1	1. S10071-T	<u>Limit</u>
Anthracene							0.8
Di n-Butylphthalate	_						0.8
Fluoranthene					_		0.8
Benzidine							08_
Pyrene	-						0.8
Butyl benzyl phthalate							0.8
1,2 Benzanthracene							0.8
3,3' Dichlorobenzidine	-	_				-	0.8
Chrysene	-			_			O.Y
Bis(2-ethyl hexyl)phthalat	e -						0.8
Di n-octyl phthalate	_			-		<u> </u>	0.8
Benzo (a) pyrene	-		_			ļ	0.8
Indeno(1,23-c,d)pyrene	-			<u> </u>	-		C.Y
1,2:5,6 Dibenzoanthracene	_	-				<u> </u>	08
1,12 Benzoperylene			_				0.8
Benzo (b) Fluoranthene	-		_				0.8
Benzo (k) Fluoranthene	_						0.8
		-	_				0.8
Diethyl phthalate		-	_			_	0.8
1,2 Diphenyl hydrazine		_					D.8
N-Nitroso diphenylamine				\(\frac{1}{2}\)			
				:	·		
	1						
		- 					-
	1			:			

(blank) = Not determined		:			
Analyst's Signature	lam Dhoot			Date_	10/7/86
	yfowand.	SiOka	emoto	Date	10/8/84

(-) = Not detected

Note:

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

ANALYTICAL REQUEST

•		ratory No. 60-084
ample Identification Well Water	Survey from Tesla Ro	., Livermore
nalyses Requested by: <u>L.Seto</u>	<u>:</u>	
ate Collected: 9-18-86	Collected	by: [. Seto
ate Received: 9-19-86	Received b	y: B.Chan
nalyses Requested Aluminum, Merc	ury	
Background Information Survey information or drug manufacture.	formation for wells	near waste bit
ANA	LYTICAL RESULTS	
Parameter		ervation or Result
Sample Identification	Concentrat Aluminum	ion in mg/l (ppm) Mercury
	< 5.0	< 0.0005
LS10049-T	< 5.0	< 0.0005
.S10053-T	< 5.0	< 0.0005
_S10057-T	< 5.0	< 0.0005
_S10069-T	< 5.0	<0.0005
LS10071-T	< 5.0	< 0.0005
	` .	
Conclusions:		
COILC (US 1003 ×		
Date Analyses Completed: 9-23-86	Che	mist: B.Chan
B Chan BC		
Distribution: R. Shahid, T. Shir	asawa, G.Winn	
	•	

HEALTH CARE SERVICES
DAVID J. KEARS AGENCY



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,

Mafat A. Shahid, Chief, Hazardous Materials Program

RAS:mn-C

Attachment(s)

California Department of Health Services Razardous Materials Laboratory

HML# <u>C528</u>

LABORATORY REPORT

Priority Pollutants--Base Neutrals

رست	1	1
T	2	al

→—		-
Ro	2Ŧ	58

	•		
Collector's Name	LARRY SETO		Collector's Sample# 1. S/0021-T to
Sampling Location:	SURVEY		L.S. 10071-F.
	TESLA ROAD.	LIVERMORE	Date Received by Lab. 9/19/8/

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

Reference: HML methods

Reference: AML Methods	Sol	ids: ug/ g		Ligu	ids: uq/ I	. jug/m	1-
		C529*					
HML #	L Sloons	L. S10049-T	L'S loos3-f	L.SICOST-T	L: S 10069-T	L.S10071-T	Limit
Collector's # Bis(2-chloroethyl)ether			-	_		-	0.8
,3 Dichlorobenzene	_	<u>.</u>	-	_	_	-	0.5-
,4 Dichlorobenzene		<u> </u>	_	_		_	0.8-
,2 Dichlorobenzene		-					0.5
Bis (2-chloro isopropyl) ether	-	-	_	_			08_
Hexachloroethane	_	-	_	_			0.8
N-Nitroso Di-n-propylamine	_	-	-	_	-		0.8
Nitrobenzene	_	_	-			<u> </u>	08
Isophrone		_	_	_	- /		0.8
Bis(2-chloroethoxy)methane	_	_	_	_	_		0.8
1,2,4 Trichlorobenzene	_	_		_			0.8
Naphthalene	_	_	_	_			08
2-Chloronaphthalene		_	-	_		-	0.8
Acenaphthylene	<u> </u>	-	_	<u> </u>	_		08
Dimethyl phthalate		_	_	_	_	_	0.8
2,6 Dinitro Toluene	_		_	-	_		0.8
***************************************		_			-	_	0.8
Acenaphthene 2,4 Dinitro Toluene		 		_	_		0.8
71			 -	-	_	_	0.8
Fluorene Hexachlorobutadiene			_	<u> </u>	_	_	0.8
	1 -			<u> </u>			0.8
4-Chlorophenyl phenyl ether	-	 -		<u> </u>	_	-	0.8
4-Bromophenyl phenyl ether	<u> </u>	 -		_	-	_	0.8
Hexachloro cyclopentadiene	 -		 -		_	-	0.8
Hexachlorobenzene	-		+ -	-	 	-	0.8
Phenanth rene		Standar	1- 1220	n. t	10012	Capachia	

Note:

(-) = Not detected

(blank) = Not determined

* Standards were not available for phenyl-2-properson methamphetamine, t-phenyl-2-propanol and 1,3-dibrings ketone. However, the capillary GC/FID scan of the water extracts (dil.factor=0-2) yielded no Continued on page 2 unidentified peaks. Detection limits are estimated to be

page-2

California Department of Health Services Hazardous Materials Laboratory LABORATORY REPORT

Priority	PollutantsBase	Neutral	LS
	•		

	So	lids: ug/	g	Liquids	: ug/L		
т.	C528	C529	C530	C531	۵532		Detection
APHI W	1. S 10021-T	L S10049-F	L-\$10053-1	L. S 6057-1	L-S 10069-1	2 Si0071-T	<u>Limit</u>
COTICOGOT = "	_						0.8
Anthracene				_			0.8
Di n-Butylphthalate				-		1.7	0.8
Fluoranthene		_	-			-	08
Benzidine	-	 		_	-		0.8
Pyrene			- /	_			0.8
Butyl benzyl phthalate	_		_		-		0.8
1,2 Benzanthracene	<u> </u>		_		_	_	0.8
3,3' Dichlorobenzidine		 		-		_	0.8
Chrysene	1	 	 	 _	_	-	0.8
Bis(2-ethyl hexyl)phthalat	e	 			-		0.8
Di n-octyl phthalate	1			 _		†	0.8
Benzo (a) pyrene			 	 _		_	0.8
Indeno(1,23-c,d)pyrene				<u> </u>	 		08
1,2:5,6 Dibenzoanthracene			 -	 		 -	0.8
1,12 Benzoperylene							0.8
Benzo(b)Fluoranthene					<u> </u>		0.8
Benzo(k)Fluoranthene							0.8
Diethyl phthalate							0.8
1,2 Diphenyl hydrazine					-		0.8
N-Nitroso diphenylamine				 -			0.0
							
				:			

(-) = Not detected Note:

(blank) = Not determined

Analyst's Sig	nature	Neelo	am Dhoot				10/7/86
Signature of	Supervising	Chemist	4 towar	1506x	meto	Date	10/8/84

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

ANALYTICAL REQUEST

11-17 Determ	Survey from Tesla Rd., Livermore					
	Survey-from Tesla Rd., Livermore					
alyses Requested by: T.Seto	Collected by: L. Seto					
ate Collected: 9-18-80 B Chan						
ate Received: 9-19-86						
nalyses Requested Aluminum, Merc	ury					
	tar wolls near waste pit					
ackground Information Survey inf	formation for wells near waste pit					
or drug manufacture.						
	LYTICAL RESULTS					
ANA	Observation or Result					
arameter	Concentration in mg/l (ppm)					
ample Identification	Aluminum Mercury					
.S10021-T	< 5.0 < 0.0005					
S10049-T	< 5.0 < 0.0005					
S10053-T	< 5.0 < 0.0005					
_S10057-T	< 5.0 < 0.0005					
_S10069-T	< 5.0 < 0.0005					
LS10071-T	< 5.0 < 0.0005					
·						
Conclusions:						
Date Analyses Completed: 9-23-86	Chemist: B. Chan					
A Chan be						
Distribution: R. Shahid, T. Shira	asawa, G.Winn					
	•					

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

ALAMEDA COUNTY HEALTH CARE SERVICES

DAVID J. KEARS

AGENCY Agency Director



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, Chief, Hazardous Materials Program

MCB. SW

RAS:mn-C

Attachment(s)

California Department of Health Services

Hazardous Materials Laboratory

LABORATORY REPORT

Priority Pollutants--Base Neutrals

<u>_</u>	_		-			-
		Ø	ΛΩ	T.	<u> </u>	

HML# <u>(528</u> to

Collector's Sample# L. Sloo21-T to LARRY SETO Collector's Name _ Sampling Location: SURVEY Date Received by Lab.

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

Reference: HML methods

eference: nml methods	Sol:	ids: ug/ g	:	Liqu	ids: ug/I	ug/m	L
	C = 3 C *			C5314	C532	رج 33 ^{الو}	Detection
HML #	C5 28	1 61- 110 5	1 S 10 m 2-T	1.Sico\$7-F	L: S 10069-T	L.S10071-T	Limit
	T.210071-1	L-31009171	2.310033-1				0.8
is(2-chloroethyl)ether							0.8-
,3 Dichlorobenzene		-				-	0.8
,4 Dichlorobenzene			<u> </u>	<u> </u>	<u> </u>		0.8
,2 Dichlorobenzene		<u> </u>		<u> </u>	<u> </u>		OY
is(2-chloro_isopropyl)ether		<u> </u>			<u> </u>		08
Mexachloroethane		<u> </u>		 			0.8
N-Nitroso Di-n-propylamine	<u> </u>						
Nitrobenzene	<u> </u>	<u> </u>			<u> </u>	<u> </u>	0.8
Isophrone		1			-		0.8
Bis(2-chloroethoxy)methane					 		1 0.8
1,2,4 Trichlorobenzene					- .		0.8
Naphthalene			<u> </u>			 	08
2-Chloronaphthalene		_			-	 -	0.8
Acenaphthylene	-			·		-	0.8
Dimethyl phthalate						-	0.8
2,6 Dinitro Toluene	_						0.8
		_					0.8
Acenaphthene 2,4 Dinitro Toluene							0.8
	-			-			0.8
Fluorene			_	_			0.8
Hexachlorobutadiene	 			1 -	-		0.8
4-Chlorophenyl phenyl ether			 	 		_	0.8
4-Bromophenyl phenyl ether	#	-				_	0.8
Hexachloro cyclopentadiene	D.	<u> </u>			_		0.8
Hexachlorobenzene	_	-				-	0.8
Phenanth rene		<u> </u>	<u> </u>		rileble l-2-nor	C . L.	

Note:

(-) = Not detected

(blank) = Not determined

methamphelimine, to phony l-2-propound and 13-diborg kotone, the water of the capillary 60/FID scan of the water extracts (dil.factor=0.2) yielded no

Continued on page 2 unidentified peaks. Detecte limits are estimated to be

page-2

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

So	lids: ug/	g	Liquids	: ug/L		
C528	C529	C530	C531	c532_		Detection
LTS 10021-T	L S10049-T	L. \$10053-1	L-S hu57-1	L.S 10069-1	1. S10071-1	Limit
						0.8
_						0.8
	_	_		-	1	0.8
-	_	—			-	08
_		_	_	-		0.8
-				_		0.8
		<u> </u>		-		0.8
	-		T -		-	0.8
1				_		0.8
1			 -			0.8
<u>e</u>	 		 	-	_	0.8
<u> </u>		+				0.8
					_	0.8
						08
		- -		-		0.8
						0.4
						
				-		0.8
						0.8
						0.8
·						D.8
	_	<u> </u>				
			:			
	C528 LTS 10021-T.	C528 C529 LTS 10049-T	L. 15 10021-7. L. S10049-7 L. S10053-7	C528	C52\$ C529 C530 C531 C532 LTS ho24-T L S10049-T L S10053-T L S ho57-T L S ho69-1	C528

(-) = Not detected

(blank) = Not determined

Analyst's Signature	Non	am Dhoot	<u> </u>		Date	10/7/86
Analyst s bigineers			1			; /
		<i>)</i> .	15 Okum	4	Date	10/8/85
Signature of Supervisin	g Chemist	4/2002	1 3 CERSEN	,, ,	Daice _	

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

ANALYTICAL REQUEST

		ratory No. 80-064
ample Identification Well Water S	Survey-from Tesla Re	d., Livermore
nalyses Requested by: <u>L.Seto</u>		
	Collected	by: L. Seto
Date Collected: 9-18-86	Received I	B.Chan
Date Received: 9-19-86		
Analyses Requested Aluminum, Merc	u.y	
Background Information Survey inf	ormation for wells	near waste pit
Background Information Survey IIII for drug manufacture.	OTHIC CLOSE	
. or drug menu-		
ANA	LYTICAL RESULTS	
		ervation or Result
Parameter		ion in mg/l (ppm)
Sample Identification	Aluminum	Mercury
LS10021-T	\$ 5.00	< 0.0005
· · · · · · · · · · · · · ·	< 5.0	< 0.0005
LS10049-T		•
LS10053-T	< 5.0	< 0.0005
LS10057-T	< 5.0	< 0.0005
	< 5.0	<0.0005
LS10069-T	1	
LS10071-T	< 5.0	< 0.0005
Conclusions:		
Date Analyses Completed: 9-23-86	Che	emist: B. Chan
Approved: B.Chan Distribution: R.Shahid, T.Shira	asawa, G.Winn	
Distribution: R. Shanzay		
		:
BC/cdb		

ALAMEDA COUNTY HEALTH CARE SERVICES

DAVID J. KEARS

AGENCY
Agency Director



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,

Pfc A. Shahid, Chief,

Hazardous Materials Program

RAS:mn-c

Attachment(s)

California Department of Health Services

Tazardous Materials Laboratory

LABORATORY REPORT Priority Pollutants--Base Neutrals

HML# <u>C528</u>

Collector's Name LARRY SETO	Collector's Sample# L. Sloo21-T to
Sampling Location: SURVEY	L.S. 10071-E
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

	Sol:	ids: ug/g	I	Liqu	ids: ug/ I	· ug/mi	<u></u>
HML #	C528*	C529*	C530	C531	C532	د533 [*]	Detection
Collector's #	L. S10021-T	LSboH9-T	LS10053-T	L-Sloos7-T	L: S 10069-T	LS10071-T	<u>Limit</u>
is (2-chloroethyl) ether		;			· -		0.8
,3 Dichlorobenzene							0.5-
,4 Dichlorobenzene	-						0.8
,2 Dichlorobenzene					<u> </u>		0.8
is(2-chloro isopropyl)ether							OY
exachloroethane					<u> </u>		0.8
-Nitroso Di-n-propylamine				-	 		0.8
itrobenzene							0.8
sophrone		_				-	0.8
Bis(2-chloroethoxy)methane		<u> </u>	-		 		0.8
,2,4 Trichlorobenzene							0.8
Naphthalene					 	<u> </u>	08
2-Chloronaphthalene				<u> </u>	<u> </u>		0.8
Acenaphthylene	<u> </u>		 -				08
Dimethyl phthalate						 	0.8
2,6 Dinitro Toluene			 -		<u> </u>		0.8
Acenaphthene							0.8
2,4 Dinitro Toluene		<u> </u>			<u> </u>		0.8
Fluorene							0.8
Hexachlorobutadiene							0.8
4-Chlorophenyl phenyl ethe	r						0.8
4-Bromophenyl phenyl ether	R	<u> </u>		_	<u> </u>		0.8
Hexachloro cyclopentadiene	11	-			- -		0.8
Hexachlorobenzene	-						0.8
Phenantherene	-		<u> </u>			for pheno	

Note:

(-) = Not detected

(blank) = Not determined

standards were not ovariable to prenge 2 proposed and 13-dibongs methamphelimine, 1-phony l-2-proposed and 13-dibongs ketone. However, the copillary GC/FID scan of the water extracts (dil.factor=0-2) yielded no continued on page 2 unidentified peaks. Detection limits are estimated to be

page-2

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

Solids:	na/a	Liquids:	ug/L
SOLIGS:	44/4		

	So	lids: ug/	g	Liquids	: ug/L		
HML #	C528	C529	C530	c531	C532		Detection
Collector's #	L. S 10021-T	L S10049-T	L: \$10053-T	L-S 6057-1	L.S 10069-1	L. S10071-1	Limit
Anthracene			<u> </u>				0.8
Di n-Butylphthalate							0.8
Fluoranthene					_		0.8
Benzidine							08_
Pyrene /	-					<u> </u>	0.8
Butyl benzyl phthalate					<u> </u>		08
1,2 Benzanthracene							0.8
3,3' Dichlorobenzidine							0.8
Chrysene				<u> </u>	<u> </u>		0.8
Bis(2-ethyl hexyl)phthalat	e <u> </u>	· <u>-</u>		<u> </u>			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		<u>-</u>				-	08
1,12 Benzoperylene	_						0.8
Benzo (b) Fluoranthene				<u> </u>			0.8
Benzo(k)Fluoranthene				<u> </u>			O.Y
Diethyl phthalate							0.8
1,2 Diphenyl hydrazine				<u> </u>	<u> </u>		0.8
N-Nitroso diphenylamine				<u> </u>		<u> </u>	0.8
		· · · · · ·					
						<u> </u>	
						1	
					<u> </u>		
			<u> </u>	:			

(-) = Not detected Note:

(blank) = Not determined

	Neclam Dicot	_	Date	10/7/86
Analyst's Signature				/
	Chemist Howa	1 (Okem to	Date	10/8/85
Signature of Supervising	Chemist 470W2-	1 3 10 (613)	Dace	

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

ANALYTICAL REQUEST

	Laboratory No. 00-004
sample Identification Well Water Surve	ey-from Tesla Rd., Livermore
Analyses Requested by: <u>L.Seto</u>	
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 drug manufacture.	tion for wells near waste pit
ANALYTIC	AL RESULTS
	Observation or Result
Parameter Sample Identification	Concentration in mg/l (ppm) Aluminum Mercury
LS10021-T	< 5.0 < 0.0005
LS10049-T	< 5.0 < 0.0005
LS10053-T	< 5.0 < 0.0005
LS10057-1	₹5.0
LS10069-T	< 5.0 < 0.0005
LS10071-T	< 5.0 < 0.0005
Conclusions:	
0.22.96	Chemist: B. Chan
Date Analyses Completed: 9-23-86	
Approved: B. Chan BC	Chin
Distribution: R. Shahid, T. Shirasawa	1, G. WIIII

BC/cdb

R02758

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

CARL N. LESTER, Agency Director

AGENCY HEADQUARTERS 499 Fifth Stree 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 Hazaradous 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,

Ph. A. Shill 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.

ALAMEDA COUNTY HEALTH CARE SERVICES

CARL N. LESTER

AGENCY Agency Director



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

December 12, 1985

Northern California Power Agency 180 Cirby Way 95678 Roseville, CA

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,

HED S W Rafat A. Shahid, Manager Hazardous Materials Unit

RAS:mnc

cc Gerald Winn Ted Gerow

CARL N. LESTER

AGENCY Agency Director



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 oversite 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,

Rafat A. Shahid, Manager Hazardous Materials Unit

RAS: EBH: mnc

cc: Dwight Hoenig, DOHS Lila Tang, RWQCB

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 necessarey 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

RIGA . Shel

RAS:mnc

cc: Dwight Hoenig, DOHS, Toxics

Gil Jensen, DA

Certified No. 950217

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

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 1 N. 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 that 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.

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,

Ryca Sheli

Rafat A. Shahid, Manager Hazardous Materials Program

RAS. mnc

cc: Dale Boyer, RWQCB
Dwight Hoenig, DOHS

Attachment



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 5 ug/g.

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

Sincerely,

Rafat A. Shahid

Manager, Hazardous Materials Unit

cc: Dwight Hoenig, DOHS
J. Simon, BAAQMD

Pfc A. Shelw

Carl Lester

AGENCY *xMtGttAttlx *EARLY, Agency Director



R02834

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
- name and permit number of the licensed hauler
- (3) method of removal
- 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,

Pople A. Shehad

Rafat A. Shahid, Manager Hazardous Materials Program

RAS:TP:cdb

cc: Dwight Hoenig, State Department of Health

DAVID J. KEARS AGENCY

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