



EXCELTECH A RESNA Company



Environmental Solutions
Through Applied Science,
Engineering & Construction

41674 Christy Street
Fremont, CA 94538
Phone: (415) 659-0404
Fax: (415) 651-4677

91 JUL 25 11:18:42

July 25, 1991

Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Attention: Ms. Pamela J. Evans
Hazardous Materials Specialist

Subject: 23830/23836 Saklan Road Site, Hayward, California
Exceltech Project No. 3-50058-51

Dear Ms. Evans:

This document is in response to our telephone conversation pursuant to this site on Thursday, July 18, 1991. In that telephone conversation, you requested exposure rates for aldrin, lindane, and DDT_r, and a sample plan for further polychlorinated biphenyl (PCB) sampling. I noted that my client requested acceptance of the recommendations of our June 24 report that no further investigation or any remediation be required relative to the identified pesticides prior to undertaking the additional PCB sampling. I understand that you concurred verbally with these recommendations, and consequently I have enclosed the PCB sampling plan for your approval.

The following tables provide the additionally information that you requested.

Table 1 — Average Concentrations

Compound	Average Concentration in milligrams per kilogram
Aldrin	.0098
Lindane	.00062
DDT _r	.901

← S/A Conv. w/gw
takes into account
half life -

Average concentrations calculated from data in Tables 1, 2 and 3,
Section 4 of the Revised Health Risk Assessment for Saklan
Avenue Property, Hayward, California, May 20, 1991.

Table 2 — Exposure Rates

Compound	Exposure Rate in milligrams per day
Aldrin	2.86×10^{-6}
Lindane	1.27×10^{-7}
DDTr	1.63×10^{-4}

*Jeff will
provide
calculations
(8/19/91 DE)*

Exposure rates calculated using the equations for exposure presented in the Addendum to Revised Health Risk Assessment, dated June 24, 1991.

PCB Sampling Plan

As noted in the Addendum to the Revised Health Risk Assessment, only one sample taken from the site analyzed positive for PCBs. The comparison of that analytical result indicated a PCB exposure at that one point exceeding a one-in-one-million cancer risk. Prior to recommendations on any remedial action, the extent of the PCB concentrations must be established. This plan will detail the proposal to establish the lateral and vertical extent of the PCB concentrations.

The soil sample in which PCBs were identified was taken by CHIPS Environmental Consultants, Inc., with results presented in a CHIPS report dated October 30, 1990 (enclosed). This report indicated that the sample was taken within 2 inches of the surface, 271 feet from Saklan Avenue, and 32 feet from the south property line.

We are proposing to take five surface samples in this location (see enclosed map). Because of potential difficulties in determining exact measurement points, the samples will be taken at the original sample location (to our best determination), and 10 feet to the north, south, east and west of that point. The samples will be taken at the surface using the protocol attached to this report. Analysis of the samples will be for PCBs.

PCBs were used in electrical capacitor and transformer cooling oils, and lubricating and cutting oils, as well as other applications. Because of the use of PCBs in oils, we will perform a close visual check of the locations in and around the sample points for oil staining. Should oil staining be observed, the stain will be plotted on a site map and the stain will be sampled.

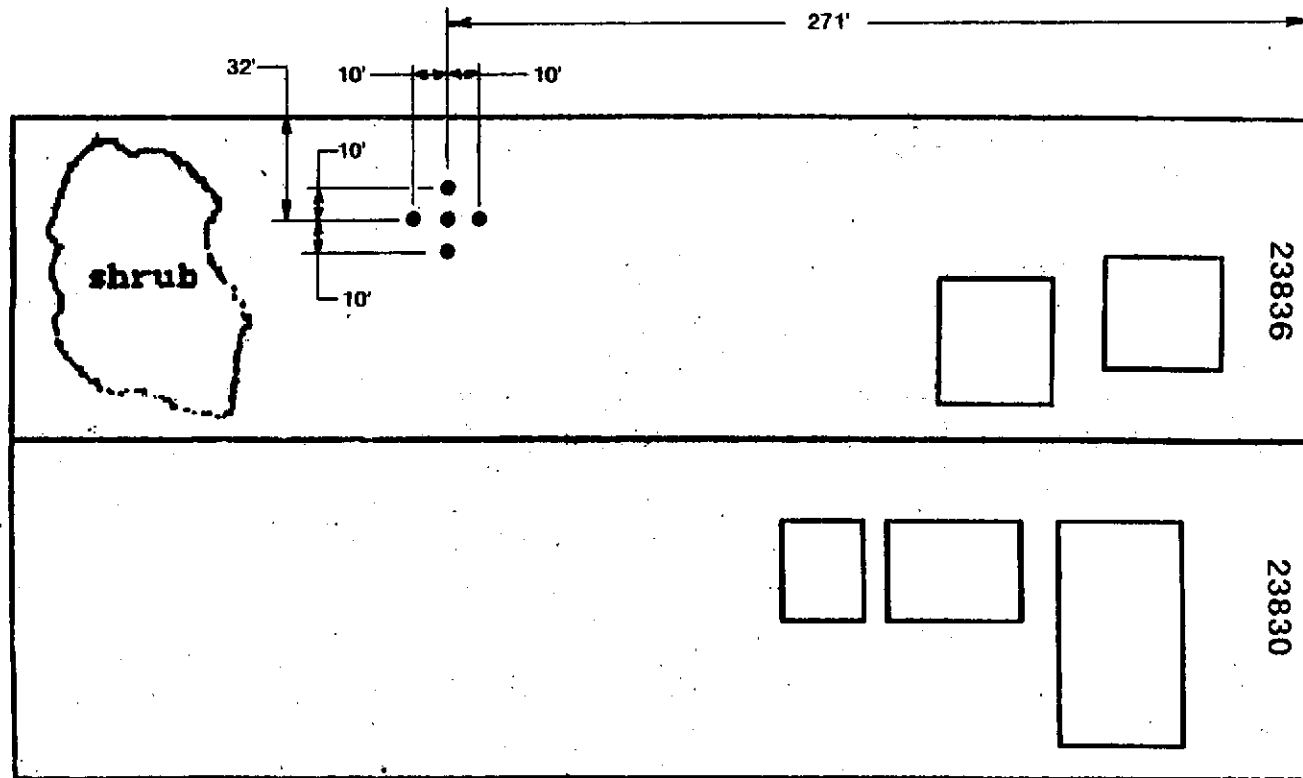
Sincerely,
Exceltech, Inc.



Jeff Willett, P.E., Manager
Assessment, Compliance and Training

Enclosures

cc: Mr. F. Rob Robles
Mr. John D. Barbour



SAKLAN AVENUE

SCALE



BASE MAP: CHIPS ENVIRONMENTAL CONSULTANTS 3/19/91



PCB SAMPLING PLAN

ROBLES PROPERTY

23836 SAKLAN AVENUE

HAYWARD, CALIFORNIA

REVIEWED BY:

APPROVED BY:

JOB #:
3-50058-51

DRAWN BY:
J.D.S.

DATE:
7/26/91

DRAWING #:



Soil Sampling Protocol

SOIL SAMPLING PROTOCOL

I. SOIL SAMPLING BY DRILLING RIG

- 1) Review site proposal for boring locations and special instructions. Confirm boring locations in field with client. Have Underground Service Alert (USA) mark utilities in area prior to drilling.
- 2) Prior to initiating an exploratory boring, all equipment to be used during drilling and sampling operation is steam cleaned. Such equipment includes, but is not limited to, augers, bits, drilling rod, and soil samplers. Additionally, before each sampling event, the sampler and any sample liners are thoroughly cleaned with a dilute trisodium phosphate solution and rinsed with clean tap water or distilled water. Additional decontamination procedures are implemented as needed by specific projects.
- 3) Each exploratory boring is drilled with a truck-mounted drilling rig using either solid flight or hollow stem augers. The boring is advanced to the desired sampling depth and the sampler is lowered to the bottom of the hole. The sampler is driven a maximum of 18 inches into the undisturbed soils ahead of the auger by a 140-pound, rig-operated hammer falling 30 inches. The number of blows required to drive the sampler the final 12 inches is recorded on the boring log. When necessary, the sampler may be pushed by the drill rig hydraulics. In this case, the pressure exerted (in pounds per square inch) is recorded. After the sampler has penetrated the full depth, it is retrieved to the surface.
- 4) The samplers commonly used are either a California modified sampler (3 inch or 2.5 inch O.D.) or a standard penetrometer (2 inch O.D.). The standard penetrometer does not contain sample liners and is used to determine soil strength characteristics and visually characterize the subsurface materials. If samples are collected for laboratory analysis the California modified sampler, equipped with brass liners, is used except when the analysis will include copper or zinc. In this instance, the sample should be taken with the standard penetrometer and placed in a labeled plastic bag.

Upon retrieval, the sampler is disassembled into its component parts. One or more of the liners is selected for chemical analysis. The ends of the selected liner(s) are sealed with aluminum foil or teflon tape, capped with plastic caps, labeled, logged on chain-of-custody forms and stored in a chilled ice chest for preservation in the field and during transport to the analytical laboratory. All labels are pre-written to the extent possible with indelible ink to minimize handling time.

- 5) Samples not sealed for chemical analysis are checked for the presence of contamination in the field by the geologist. Any discoloration or odor is noted on the boring log. Each sample is classified in the field by a geologist using the Unified Soil Classification System and a Munsell soil color chart. In addition, samples may also be field-screened with a photoionization detector (calibrated daily) or threshold limit value sniffer. In either case, the instrument probe is held adjacent to freshly crumbled soil and the stabilized reading value is recorded on the log. Values of volatile vapors measured in the field are reconnaissance only and are not meant to supplant chemical analysis in a certified laboratory. Other visual screening techniques include examination of the sample under hand-lens magnification as-well-as floating sheen inspection resulting from immersion in water.

Lithology logging will collect geologic data as required, using conventional geologic and hydrogeologic terminology. When rock is logged, a GSA Rock Color Chart and appropriate terminology will be employed to describe rock, fractures, bedding, etc. Soil or rock coring may be specified by the supervising geologist on a project-specific basis.

- 6) Samples are held in the possession of Exceltech personnel until transferred to the analytical laboratory. Transfer to the laboratory is accomplished with either delivery by Exceltech personnel, pick-up by laboratory personnel, or transfer by a personal delivery service. Each transfer of responsibility is recorded on a chain-of-custody record that accompanies the samples.
- 7) Conditions occasionally arise when other drilling equipment are used given site-specific formation conditions. Rotary drilling may be selected if coring or bearing conditions arise. Rotary or casing hammer may be used as deep drilling, flowing sands, or formation-specific conditions require.
- 8) When drilling through an aquifer known to be contaminated, a staged drilling approach will be used. This would involve using either a temporary or

permanent conductor casing placed adjacent to the contaminated aquifer and pressed or advanced slightly into the underlying aquitard. The cased hole will be cleaned as necessary, following which, a smaller diameter drill bit/auger will be advanced to the next underlying water bearing stratum. An impermeable seal will be placed in the borehole or annular space as appropriate upon completion of exploratory boring/well construction.

II. SOIL SAMPLING BY HAND

- 1) Some situations require that samples be collected by hand without the assistance of a drill rig (e.g., soil stock piles, excavation sidewall sampling, etc.). When possible, soil samples will be collected using a steel core sampler equipped with clean brass liners which is advanced into the soil with a slide hammer. In other cases, the outer surface of the soil is removed and a brass liner is driven into the soil by hand or with a hammer. To avoid damaging the liner, a block of wood can be held next to the liner so that the hammer strikes the block rather than the liner. The liner is removed and handled as described above. In deep excavations where safety factors preclude the direct sampling of the bottom or side wall, soil is retrieved by a backhoe bucket and this soil is sampled.



CHIPS
Environmental
Consultants, Inc.

718 E. Evelyn Avenue
Sunnyvale, CA 94086

(408)736-1380
FAX (408)736-0887

October 30, 1990

Dsk 17 1046.DOC

Venture Properties
ATTN: Mr. Rob Robles
9970-A Palm Court
Morgan Hill, California 95037

RE: Soil Samples from 23836 Saklan Avenue, Hayward, CA

Dear Mr. Robles:

Attached are the analytical reports for the soil samples that we recovered from the subject facility on 10-19-90.

The samples were taken from the locations as indicated on the attached map. The soil collected was obtained at the surface to about 2" total depth in an area approximately six inches square. The soil was packed in zero headspace condition into brass tubes, sealed with aluminum foil and plastic caps, labeled, logged and chilled for transport to the laboratory. Full chain of custody was maintained, a copy is attached.

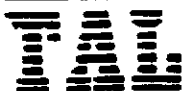
NOTE: Several pesticides and pesticide residues were detected in small amounts (1-6 ppm). Pam Evans (County Health Department) requires cleanup action for anything over 1 ppm. We suggest that the topsoil in the area be scraped to 4-6" depth (dust respirators should be used during this process). This soil must be stockpiled for analysis. The pesticide levels in the excavated soils will be needed to determine proper disposal.

Also, assurance samples will have to be taken in at least two locations where the highest levels were found prior to the excavation.

If you have any questions concerning these findings or recommendations, please feel free to contact us at your convenience.

Sincerely,

Mark D. Chips



LOG NO.: 9224
 DATE SAMPLED: 10/22/90
 DATE RECEIVED: 10/22/90
 DATE EXTRACTED: 10/25/90
 DATE ANALYZED: 10/27/90 and 10/28/90
 DATE REPORTED: 10/29/90

CUSTOMER: Chips Environmental Consultants
 REQUESTER: Mark Chips
 PROJECT: R. Robles

Sample Type: Soil

Method and Constituent:	Units	4450		4451	
		Concen- tration	Detection Limit	Concen- tration	Detection Limit
EPA Method 8080:					
Aldrin	ug/kg	< 5	5	< 5	5
Alpha-BHC	ug/kg	31	5	17	5
Beta-BHC	ug/kg	< 5	5	< 5	5
Delta-BHC	ug/kg	590	5	49	5
Gamma-BHC (Lindane)	ug/kg	120	5	17	5
Chlordane	ug/kg	< 5	5	< 5	5
4,4'-DDD	ug/kg	250	5	240	5
4,4'-DDE	ug/kg	1,100	5	1,300	5
4,4'-DDT	ug/kg	2,100	5	1,400	5
Dieldrin	ug/kg	< 5	5	< 5	5
Endosulfan I	ug/kg	< 5	5	< 5	5
Endosulfan II	ug/kg	< 5	5	< 5	5
Endosulfan Sulfate	ug/kg	< 5	5	< 5	5
Endrin	ug/kg	< 5	5	< 5	5
Endrin Aldehyde	ug/kg	< 5	5	< 5	5
Heptachlor	ug/kg	< 5	5	< 5	5
Heptachlor Epoxide	ug/kg	< 5	5	< 5	5
Methoxychlor	ug/kg	< 5	5	< 5	5
Toxaphene	ug/kg	< 5	5	< 5	5



LOG NO.: 9224
 DATE SAMPLED: 10/22/90
 DATE RECEIVED: 10/22/90
 DATE EXTRACTED: 10/25/90
 DATE ANALYZED: 10/27/90 and 10/28/90
 DATE REPORTED: 10/29/90
 PAGE: Two

Sample Type: Soil

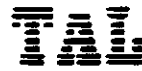
<u>Method and Constituent:</u>	<u>Units</u>	<u>4450</u>		<u>4451</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>	<u>Concen- tration</u>	<u>Detection Limit</u>
EPA Method 8080 (Continued):					
Aroclor 1016	ug/kg	< 5	5	< 5	5
Aroclor 1221	ug/kg	< 5	5	< 5	5
Aroclor 1232	ug/kg	< 5	5	< 5	5
Aroclor 1242	ug/kg	< 5	5	< 5	5
Aroclor 1248	ug/kg	< 5	5	< 5	5
Aroclor 1254	ug/kg	< 5	5	< 5	5
Aroclor 1260	ug/kg	< 5	5	< 5	5



LOG NO.: 9224
 DATE SAMPLED: 10/22/90
 DATE RECEIVED: 10/22/90
 DATE EXTRACTED: 10/25/90
 DATE ANALYZED: 10/28/90 and 10/29/90
 DATE REPORTED: 10/29/90
 PAGE: Three

Sample Type: Soil

Method and Constituent:	Units	4452		4453	
		Concen- tration	Detection Limit	Concen- tration	Detection Limit
EPA Method 8080:					
Aldrin	ug/kg	< 50	50	< 5	5
Alpha-BHC	ug/kg	< 50	50	25	5
Beta-BHC	ug/kg	< 50	50	< 5	5
Delta-BHC	ug/kg	< 50	50	610	5
Gamma-BHC (Lindane)	ug/kg	< 50	50	24	5
Chlordane	ug/kg	< 50	50	< 5	5
4,4'-DDD	ug/kg	840	50	460	5
4,4'-DDE	ug/kg	1,500	30	1,500	5
4,4'-DDT	ug/kg	5,700	50	3,100	5
Dieldrin	ug/kg	< 50	50	< 5	5
Endosulfan I	ug/kg	< 50	50	< 5	5
Endosulfan II	ug/kg	< 50	50	< 5	5
Endosulfan Sulfate	ug/kg	< 50	50	< 5	5
Endrin	ug/kg	< 50	50	< 5	5
Endrin Aldehyde	ug/kg	< 50	50	< 5	5
Heptachlor	ug/kg	< 50	50	< 5	5
Heptachlor Epoxide	ug/kg	< 50	50	< 5	5
Methoxychlor	ug/kg	< 50	50	< 5	5
Toxaphene	ug/kg	< 50	50	< 5	5



LOG NO.: 9224
 DATE SAMPLED: 10/22/90
 DATE RECEIVED: 10/22/90
 DATE EXTRACTED: 10/25/90
 DATE ANALYZED: 10/28/90 and 10/29/90
 DATE REPORTED: 10/29/90
 PAGE: Four

Sample Type: Soil

Method and Constituent:	Units	4452		4453	
		Concen- tration	Detection Limit	Concen- tration	Detection Limit
EPA Method 8080 (Continued):					
Aroclor 1016	ug/kg	< 60	60	< 5	5
Aroclor 1221	ug/kg	< 60	60	< 5	5
Aroclor 1232	ug/kg	< 60	60	< 5	5
Aroclor 1242	ug/kg	19,000	60	< 5	5
Aroclor 1248	ug/kg	< 60	60	< 5	5
Aroclor 1254	ug/kg	< 60	60	< 5	5
Aroclor 1260	ug/kg	< 60	60	< 5	5

QC Summary:

% Recovery: 112%
 % RSD: 3.1%

Louis W. DuPuis
 Quality Assurance/Quality Control Manager

CHAIN OF CUSTODY RECORD

Sample taken on 10/22/90 (sample containers) (GAW)

PROJ. NO.		PROJECT NAME				NO. OF CONTAINERS	9224				
		R. Roblos					5 Day Turn				
SAMPLERS: (Signature)											
STA. NO.	DATE	TIME	GRAB	GRAB	STATION LOCATION						
1	10-21-90	1320	X		4450	4450					
2	10-22-90	1325	X		4451	4451					
3	10-22-90	1330	X		4452	4452					
4	10-22-90	1335	X		4453	004453					
Relinquished by: (Signature)						Date / Time	Received by: (Signature)		Date / Time	Received by: (Signature)	
Relinquished by: (Signature)						Date / Time	Received by: (Signature)		Date / Time	Received by: (Signature)	
Relinquished by: (Signature)						Date / Time	Received for Laboratory by: (Signature)		Date / Time	Remarks	

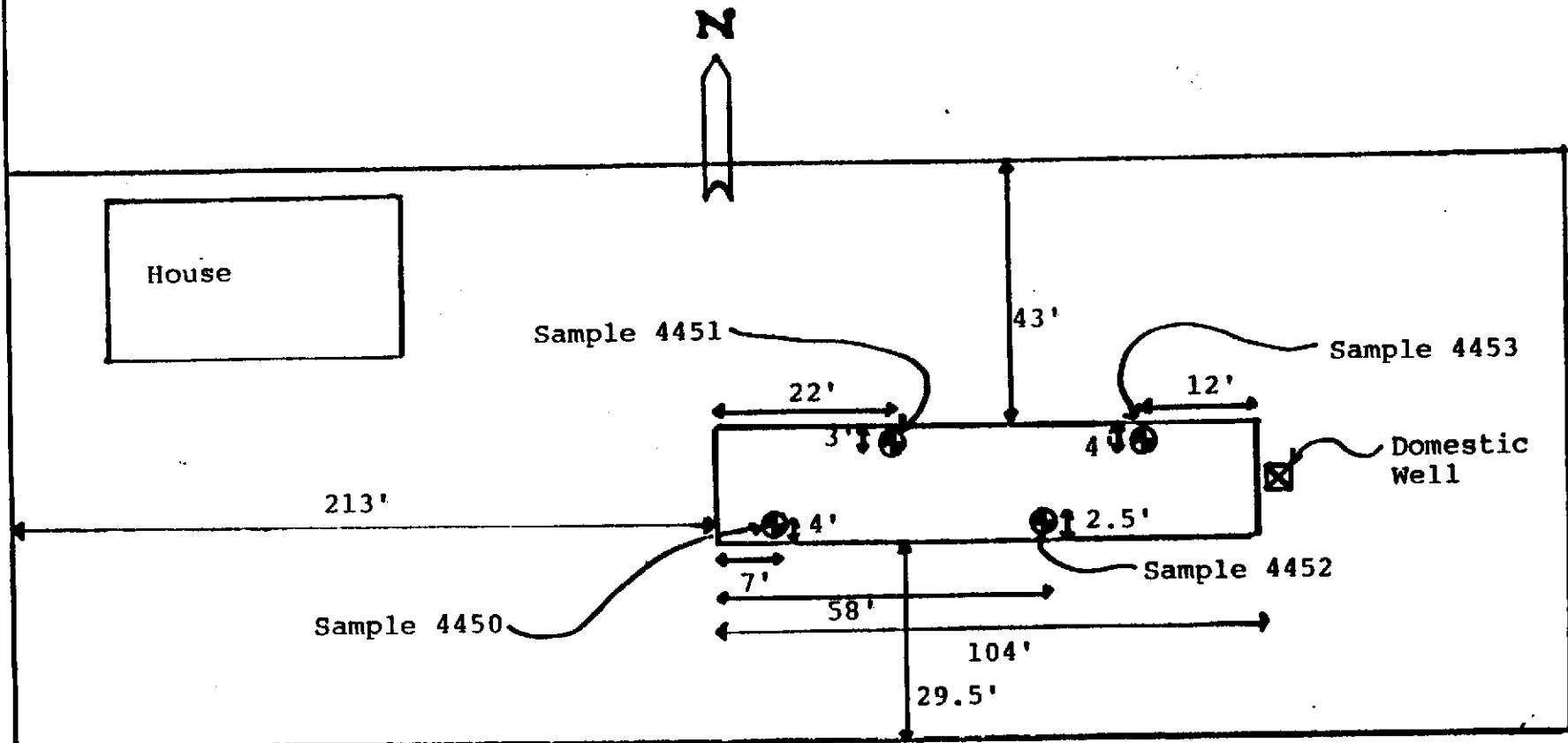
Y-8
 BT, icp
 Arch
 GAW

Distribution: Original Accompanying Shipments, Copy to Container Field File

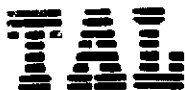
TRACE ANALYSIS LABORATORY
 3423 INVESTMENT BLVD., UNIT 8
 HAYWARD, CA 94545
 (415) 783-6960

3-0605

SAKLAN AVENUE



23836 Saklan Avenue, Hayward, CA	
Date: 10-22-90	Drawn by: MDC
Scale: none	Revised: Page:
Legend	
Sample Location	CHIPS Environmental Consultants



LOG NO.: 9317
 DATE SAMPLED: 11/16/90
 DATE RECEIVED: 11/16/90
 DATE EXTRACTED: 11/21/90
 DATE ANALYZED: 11/27/90
 DATE REPORTED: 11/28/90

CUSTOMER: Chips Environmental Consultants, Inc.
 REQUESTER: Mark Chips
 PROJECT: No. 1056, R. Robles

Method and Constituent:	Units	Sample Type: Soil					
		Composite #1 of 4238, 4239, 4240, and 4245		Composite #2 of 4241, 4242, 4246, and 4247		Composite #3 of 4243, 4244, 4248, and 4249	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
EPA Method 8080							
Aldrin	ug/kg	ND	5	34	7	15	5
Alpha-BHC	ug/kg	ND	9	ND	20	ND	9
Beta-BHC	ug/kg	ND	9	ND	20	ND	9
Delta-BHC	ug/kg	14	5	210	9	54	5
Gamma-BHC (Lindane)	ug/kg	13	5	79	8	33	5
Chlordane	ug/kg	ND	9	ND	20	ND	9
4,4'-DDD	ug/kg	57	9	300	20	120	9
4,4'-DDE	ug/kg	230	5	1,900	10	630	5
4,4'-DDT	ug/kg	550	8	6,500	20	1,400	8
Dieldrin	ug/kg	ND	9	ND	20	ND	9
Endosulfan I	ug/kg	ND	9	ND	20	ND	9
Endosulfan II	ug/kg	ND	9	ND	20	ND	9
Endosulfan Sulfate	ug/kg	ND	9	ND	20	ND	9
Endrin	ug/kg	ND	9	ND	20	ND	9
Endrin Aldehyde	ug/kg	ND	9	ND	20	ND	9
Heptachlor	ug/kg	ND	9	ND	20	ND	9
Heptachlor Epoxide	ug/kg	ND	9	ND	20	ND	9
Methoxychlor	ug/kg	ND	9	ND	20	ND	9
Toxaphene	ug/kg	ND	9	ND	20	ND	9

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

LOG NO.: 9317
 DATE SAMPLED: 11/16/90
 DATE RECEIVED: 11/16/90
 DATE EXTRACTED: 11/21/90
 DATE ANALYZED: 11/27/90
 DATE REPORTED: 11/28/90
 PAGE: Two

Method and Constituent:	Units	Sample Type: Soil					
		Composite #1 of 4238, 4239, 4240, and 4245		Composite #2 of 4241, 4242, 4246, and 4247		Composite #3 of 4243, 4244, 4248, and 4249	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
EPA Method 8080 (Continued):							
Aroclor 1016	ug/kg	ND	6	ND	10	ND	6
Aroclor 1221	ug/kg	ND	6	ND	10	ND	6
Aroclor 1232	ug/kg	ND	6	ND	10	ND	6
Aroclor 1242	ug/kg	ND	6	ND	10	ND	6
Aroclor 1248	ug/kg	ND	6	ND	10	ND	6
Aroclor 1254	ug/kg	ND	6	ND	10	ND	6
Aroclor 1260	ug/kg	ND	6	ND	10	ND	6

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



LOG NO.: 9317
 DATE SAMPLED: 11/16/90
 DATE RECEIVED: 11/16/90
 DATE EXTRACTED: 11/21/90
 DATE ANALYZED: 11/27/90
 DATE REPORTED: 11/28/90
 PAGE: Three

Sample Type: Soil

Method and Constituent:	Units	Composite #4 of 4292, 4293, 4334, and 4335		Composite #5 of 4294, 4295, 4336, and 4337		Composite #6 of 4296, 4297, 4338 and 4339	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reportin Limit
EPA Method 8080							
Aldrin	ug/kg	ND	20	ND	20	ND	20
Alpha-BHC	ug/kg	ND	50	ND	50	ND	50
Beta-BHC	ug/kg	ND	50	ND	50	ND	50
Delta-BHC	ug/kg	ND	20	ND	20	ND	20
Gamma-BHC (Lindane)	ug/kg	ND	20	ND	20	ND	20
Chlordane	ug/kg	ND	50	ND	50	ND	50
4,4'-DDD	ug/kg	590	50	ND	50	220	50
4,4'-DDE	ug/kg	830	20	120	20	740	20
4,4'-DDT	ug/kg	5,600	40	110	40	640	40
Dieldrin	ug/kg	ND	50	ND	50	ND	50
Endosulfan I	ug/kg	ND	50	ND	50	ND	50
Endosulfan II	ug/kg	ND	50	ND	50	ND	50
Endosulfan Sulfate	ug/kg	ND	50	ND	50	ND	50
Endrin	ug/kg	ND	50	ND	50	ND	50
Endrin Aldehyde	ug/kg	ND	50	ND	50	ND	50
Heptachlor	ug/kg	ND	50	ND	50	ND	50
Heptachlor Epoxide	ug/kg	ND	50	ND	50	ND	50
Methoxychlor	ug/kg	ND	50	ND	50	ND	50
Toxaphene	ug/kg	ND	50	ND	50	ND	50

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


LOG NO.: 9317
 DATE SAMPLED: 11/16/90
 DATE RECEIVED: 11/16/90
 DATE EXTRACTED: 11/21/90
 DATE ANALYZED: 11/27/90
 DATE REPORTED: 11/28/90
 PAGE: Four

Method and Constituent:	Sample Type: Soil							
	Units	Composite #4 of 4292, 4293, 4334, and 4335		Composite #5 of 4294, 4295, 4336, and 4337		Composite #6 of 4296, 4297, 4338, and 4339		
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	
EPA Method 8080 (Continued):								
Aroclor 1016	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1221	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1232	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1242	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1248	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1254	ug/kg	ND	30	ND	30	ND	30	
Aroclor 1260	ug/kg	ND	30	ND	30	ND	30	

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

QC Summary:

% Recovery: 103%
 % RSD: 10.9%


 Louis W. DuPuis
 Quality Assurance/Quality Control Manager

CHIPS ENVIRONMENTAL CONSULTANTS INC.
 718 E. Evelyn Ave.
 Sunnyvale, CA. 94086 (408) 736-1380

CHAIN OF CUSTODY

PROJECT# 1056	PROJECT NAME R. Nobler	PROJECT SITE ADDRESS SAKLAW AVE. HAWAII	MASS DE ANALYSIS REQ. EPA 8080	9317
SAMPLER B. McVARS				

DATE	TIME	GRAB	COMP.	SAMPLE ID NUMBER					REMARKS
11-10-90		X	X	004238	-	-			#1
		X	X	004239	-	-			#2
		X	X	004240	-	-			#3 BRASS TUBIC
		X	X	004241	-	-			#4 Y-2
		X	X	004242	-	-			#5 GNV
		X	X	004243	-	-			#6
		X	X	004244	-	-			#7

Relinquished by: 11-11-90	Received by Date 6:15 PM Allison	Relinquished by:	Received by: Date Time	Page 1
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PROJECT# 1056	PROJECT NAME R. Robles	PROJECT SITE ADDRESS SPYGLAN AVE HAYWARD	BLANK MASS ANALYSIS PER EPA 8080			
SAMPLER B. McGUIRES						

DATE	TIME	GRAB	COMP.					REMARKS
11/6/90		X	X	004294	✓	✓		#15
		X	X	004295	✓	✓		#16
		X	X	004296	✓	✓		#17
		X	X	004297	✓	✓		#18
		X	X	004334	✓	✓		#19
		X	X	004335	✓	✓		#20
		X	X	004336	✓	✓		#21

Relinquished by: B. McGuire 11-11-90	Received by Date [Signature] Time	Relinquished by:	Received by: Date Time	Page
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PROJECT#		PROJECT NAME		PROJECT SITE ADDRESS															
DATE		TIME		GRAB		COMP.												REMARKS	
11-16-90				X		X		004245		✓		✓						#8	
				X		X		004246		✓		✓						#9	
				X		X		004247		✓		✓						#10	
				X		X		004248		✓		✓						#11	
				X		X		004249		✓		✓						#12	
				X		X		004292		✓		✓						#13	
				X		X		004293		✓		✓						#14	

MAX TUBE
 ANALYSIS REQ.
 EPA 8080

Relinquished by:
[Signature] 6:15 PM.
 BEVE HIGGINS 11-16-90

Received by Date
[Signature] Time
 TAL 6:15 11/16/90

Relinquished by:

Received by: Date
 Time

PROJECT #		PROJECT NAME		PROJECT SITE ADDRESS		MASS TRANS ANALYSIS REQ. EPA 8260													
SAMPLER																			
DATE	TIME	GRAB	COMP.	NUMBER															REMARKS
11-16-90		X	X	004337		✓	✓												#22
		X	X	004338		✓	✓												#23
		X	X	004339		✓	✓												#24
						Mark Chips called 10:45 AM 11/29/90 asked to keep samples on HOLD until further notice GHW													

Relinquished by: *[Signature]*
 6:15 PM
 7:00 AM RECEIVED 11-16-90

Received by Date: *[Signature]*
 Time: *[Signature]*

Relinquished by: *[Signature]*

Received by: Date: _____
 Time: _____