State of California

Department of Health Services

Memorandum

To : Chuck White
Program Management Section

Date : November 26, 1984

Subject: Abandoned Site Project
Delisting of Mitigated
Sites

From : Howard Hatayama
North Coast California Section
Site Mitigation Unit

In conjunction with ranking of sites for inclusion on the State Priority Ranking List, several sites from the ASP list were reviewed. Based on file reviews, analysis of current data, and recent site inspections, the original situation has been mitigated and no current problem exists for several sites. We therefore recommend that the following sites be removed from the ASP list.

1). Abe Oil Incorporated SWIS #01-29-0019
8130 Enterprise Drive
Newark, Alameda County

The Abe Oil site was leased from Holland Oil. The site is currently being mitigated under Department of Health Services Supervision as Holland Oil/California Oil Recyclers.

2). Looper Fishing Weight Co.
536 S 9th Street
Richmond, Contra Costa County

Recent inspection uncovered no evidence of site contamination.

3). Marine Way Site SWIS #43-36-0068
2751 Marine Way
Mountian View, Santa Clara County

File reviews and recent inspection indicate that all hazardous materials were properly removed under DOHS supervision and that no current contamination exists.

4). Rocky Mountain Bank Note
2355 Whitmen Road
Concord, Contra Costa County

Recent inspection uncovered no evidence of reported site contamination.

5). Smilo Chemical Company
500 Kirkham Street
Oakland, Alameda County

Recent inspection indicates site has been mitigated. ✓

6). Trend Graphics SWIS #43-27-0003
1280 Space Parkway
Mountain View, Santa Clara Co.

File reviews indicate that all hazardous materials have been properly removed from the site, and that no further contamination exists.

7). Western States Chemicals SWIS #07-28-0073
East of Nic!>ls Road
West Pittsburg, Contra Costa Co.

Recent Investigation uncovered no evidence of reported contamination.

cc: Donald Dalke, RWQCB
Rafad Shahid, Alameda County Health Dept.
Dan Bergman, Contra Costa County Health Dept.
Steve Brooks, Santa Clara County Health Dept.
Wes Gibb, Mountain View Fire Dept.

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY

DEPARTMENT OF HEALTH SERVICES
714/744 P STREET
SACRAMENTO, CA 95814

Rec'd. 10/24

GEORGE DEUKMEJIAN, Governor

PRELIMINARY ASSESSMENT SUMMARY

Smilo Chemical Company
500 Kirkham Street
Oakland, CA 94607
EPA No. CAD029247319

History and Problem

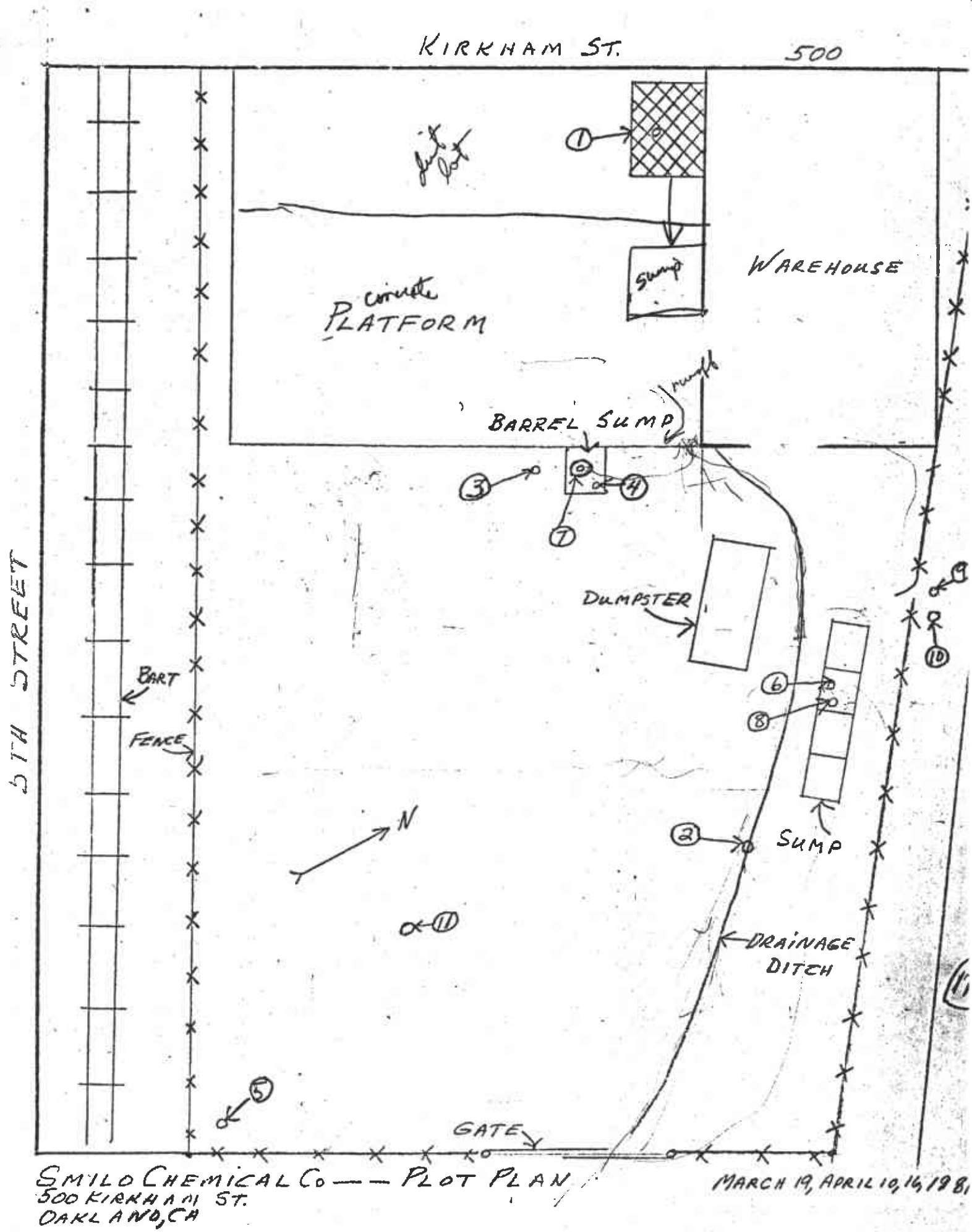
This chemical broker was established at this address 30 years ago. Wholesale and surplus chemicals are purchased, stored in a warehouse, then sold to a variety of industrial clients. Repackaging occurs if containers are damaged in transit. No chemical processing occurs and the only wastes generated on-site are from spill cleanup and spoiled batches. When completing the Resource Conservation and Recovery Act (RCRA) Part A application, Mr. Smilo inadvertently listed the company as a treatment, storage, and disposal (tsd) facility, as well as a generator. Smilo Chemical Company was issued an interim status document (ISD) on April 6, 1981 by the California Department of Health Services (DHS). In April 1983, Mr. Smilo requested that his company's ISD be rescinded. DHS stated that rescission would be granted after verification that no tsd activities were occurring. An inspection was scheduled, but DHS cancelled the inspection and it was never rescheduled.

Investigation of Smilo Chemical Company in March 1981 resulted from an employee complaint that stated personnel safety precautions were inadequate and rinse water from truck decontamination was allowed to run off to the ground surface. Inspection by DHS verified improper storage of hazardous materials in the warehouse and discharge to the ground. Soil samples indicated the presence of heavy metals and pesticides. DHS and the Bay Area Regional Water Quality Control Board (RWQCB) recommended corrective action to clean up the soil contamination and prevent future inadvertent discharge to land. California Environmental Technology (CET) was contracted by Smilo Chemical for engineering and design work for the project. Cost estimates for improvements exceeded an amount Mr. Smilo felt would be cost effective to pursue. According to both Smilo and CET, the contaminated soil was removed, but the cleanup is not documented in DHS files. No structural improvements have been made. Currently, Mr. Smilo is selling the company's entire inventory of chemicals and putting the property on the market to be leased.

Recommendation

Since no documentation exists for the removal of the contaminated soil and Smilo Chemical is closing operations, staff recommends that the site be given medium priority status for inspection, to verify the removal of contamination and document proper closure of the site.

dj/2



SMILO CHEMICAL CO — PLOT PLAN
500 KIRKHAM ST.
OAKLAND, CA

MARCH 19, APRIL 10, 14, 198

1 of 8

...ardous Materials Laboratory

4051

LABORATORY REPORT
Metals

Collector's Name ED REFSELL Date Collected 3/19/81, 4/10,16/81

Sampling Location Smile Chemical Co. Collector's Sample # EHR-0105 to

500 Kirkham St., Oakland, CA 94607 EHR-0119

Analytical Procedure: Nitric acid digestion followed by x-ray fluorescence analysis. Refer to HML Methods. Error ± 10% unless indicated.

Concentration Units: (1) Solids: µg/g (2) (3) Liquids: µg/mL (3) (4)

HML #	4022	4023	4025	4027	4029
Collector's Sample #	EHR 0105	EHR 0112	EHR 0113-2	EHR 0113-B	EHR 0114-2
Ti--Titanium	—	—	—	—	—
*V--Vanadium	9 ± 2	—	—	—	—
*Cr--Chromium	30.	—	—	—	—
Mn--Manganese	14	60 ± 22	127 ± 25	229 ± 30	53 ± 20
Fe--Iron	305	6470	11400	13900	7310
*Co--Cobalt	—	—	—	—	—
*Ni--Nickel	2 ± 0.4	13 ± 8	15 ± 8	40 ± 10	9 ± 8
*Cu--Copper	72	—	50 ± 8	61 ± 8	—
*Zn--Zinc	50	113	664	687	55 ± 8
*As--Arsenic	1.4 ± 0.6	53 ± 8	48 ± 10	38 ± 10	16 ± 6
*Se--Selenium	—	—	—	—	—
Br--Bromine	1 ± 0.2	—	8 ± 4	7 ± 4	—
Rb--Rubidium	—	—	—	—	—
Sr--Strontium	2 ± 0.3	—	38 ± 6	40 ± 6	—
Ta--Tantalum	—	—	—	—	—
*Hg--Mercury	—	—	—	—	—
*Pb--Lead	18	—	201	282	54 ± 14
Bi--Bismuth	—	—	—	—	—
*Mo--Molybdenum	—	—	—	—	—
*Ag--Silver	—	—	—	—	—
*Cd--Cadmium	—	—	—	—	—
Sn--Tin	—	—	—	—	—
*Sb--Antimony	—	—	—	—	—
I--Iodine	—	—	—	—	—
Cs--Cesium	—	—	—	—	—
*Ba--Barium	9 ± 2	—	—	143 ± 41	—
Th--Thorium	—	—	—	—	—
*Be--Beryllium	—	—	—	—	—

*Metals having threshold limit concentrations in CAM

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

Analyst's Signature [signature] 8/28/81 (Date)

Signature of Supervising Chemist JNV [signature] 8-28-81 (Date)

298

F ardous Materials Laboratory

4051

LABORATORY REPORT
Metals

Collector's Name ED REFSELL Date Collected 3/19/81, 4/10, 16/81

Sampling Location Smith Chemical Co. Collector's Sample # EHR-0105 to EHR-0119

Analytical Procedure: Nitric acid digestion followed by x-ray fluorescence analysis. Refer to HML Methods.

Concentration Units: (5) Solids: (7) µg/g (8) Liquids: (11) µg/mL (9)

HML #	4034	4037	4038	4047	4051
Collector's Sample #	EHR 0115-3	EHR 0117	EHR 0118	EHR 0121-3	EHR 0119
Ti--Titanium	55 ± 38	—	—	—	—
*V--Vanadium	—	0.8 ± 0.6	—	—	—
*Cr--Chromium	—	—	1.2 ± 1.0	—	—
Mn--Manganese	116 ± 22	0.8 ± 0.4	0.9 ± 0.6	99 ± 22	15 ± 9
Fe--Iron	7690	22	7.9 ± 1.2	7560	441
*Co--Cobalt	—	—	—	—	—
*Ni--Nickel	14 ± 8	0.3 ± 0.2	—	21 ± 8	5 ± 4
*Cu--Copper	11 ± 6	1.4 ± 0.3	0.5 ± 0.4	—	—
*Zn--Zinc	154	3.3	1.2 ± 0.4	55 ± 8	13 ± 6
*As--Arsenic	11 ± 10	—	—	21 ± 6	5 ± 4
*Se--Selenium	—	—	—	—	—
Br--Bromine	—	—	1.0 ± 0.2	—	—
Rb--Rubidium	—	—	—	—	—
Sr--Strontium	5 ± 4	—	—	—	—
Ta--Tantalum	—	—	—	—	—
*Hg--Mercury	—	—	—	—	—
*Pb--Lead	291	0.5 ± 0.4	2.3 ± 0.8	33 ± 14	—
Bi--Bismuth	—	—	0.6 ± 0.4	—	—
*Mo--Molybdenum	—	—	—	—	—
*Ag--Silver	—	—	—	—	—
*Cd--Cadmium	—	—	—	—	—
Sn--Tin	—	—	—	—	—
*Sb--Antimony	—	—	—	—	—
I--Iodine	—	—	—	—	—
Cs--Cesium	—	—	—	—	—
*Ba--Barium	—	—	—	—	—
Th--Thorium	—	—	—	—	—
*Be--Beryllium	—	—	—	—	—
Zr	—	0.3 ± 0.1	—	—	—

*Metals having threshold limit concentrations in CAM

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

Analyst's Signature Steven Schaap 8/28/81 (Date)

Signature of Supervising Chemist JNV 8-28-81 (Date)

3 of 8

California Department of Health Services
Hazardous Materials Laboratory

HML # 4022 to 4051

LABORATORY REPORT
Chlorinated Pesticides and PCB's

Collector's Name ED REFSELL

Date Collected 3/19/81, 4/10,16/81

Sampling Location Smilo Chemical Co
502 Kirkham St, Oakland, CA 94607

Collector's Sample # EHR 0105 to EHR 0119

Analytical Procedure: Sample(s) were extracted with organic solvents. Constituents were determined by gas chromatography with electron capture detector according to HML Methods (refer to AOAC, 13th Ed., 29.013).

units: ppm = mg/g (2) (3) (3) (4) (5) (11)

HML #	4023	4025	4027	4029	4034	4047	Detection Limit/ Units
Collector's Sample #	EHR 0112	EHR 0113-2	EHR 0113-B	EHR 0114-2	EHR 0115-3	EHR 0121-3	
*Aldrin	—	—	—	—	—	—	0.1 ppm
*a-BHC	—	—	—	—	—	—	0.1
*b-BHC							0.1
*c-BHC							0.1
*g-BHC (Lindane)	—	—	—	—	—	—	0.1
*Chlordane	0.70	1.2	0.58	—	—	—	0.2
*4,4'-DDE	—	—	—	—	—	—	0.2
*4,4'-DDD	—	—	—	—	—	—	0.2
*4,4'-DDT	—	—	—	—	—	—	0.3
*Dieldrin	—	—	—	—	—	—	0.2
*Endosulfan I	—	—	—	—	—	—	0.2
*Endosulfan II	—	—	—	—	—	—	0.2
*Endosulfan sulfate							0.3
*Endrin	—	—	—	—	—	—	0.2
*Endrin aldehyde							0.2
*Heptachlor	—	—	—	—	—	—	0.1
*Heptachlor epoxide	—	—	—	—	—	—	0.1
*Toxaphene							1.0
*PCB's (calc. as 1016)	—	—	4.4	—	—	—	1.0
1260	—	—	—	—	—	—	1.0
Methoxychlor	—	—	—	—	—	—	0.1
PCNB	—	—	—	—	—	—	0.3
Perthane	—	—	—	—	—	—	0.2
Trithion	—	—	—	—	—	—	0.5

*Constituents on EPA priority pollutant list
Note: (-) = Not detected
(blank) = Not determined

Analyst's Signature Steven Sharp 8/28/81 (Date)

Signature of Supervising Chemist [signature] 8-28-81 (Date)

498

California Department of Health Services
Hazardous Materials Laboratory

4051

LABORATORY REPORT
Chlorinated Pesticides and PCB's

Collector's Name ED REFSELL Date Collected 3/19/81, 4/10, 16/81

Sampling Location Smilo Chemical Co. Collector's Sample # EHR 0105 to EHR 0119

500 Kirkham St, Oakland, CA 94607

Analytical Procedure: Sample(s) were extracted with organic solvents. Constituents were determined by gas chromatography with electron capture detector according to HML Methods (refer to AOAC, 13th Ed., 29.013).

units: ppm = µg/g (9) (1) (7) (8) detection limits for HML #4022, 4037, 4038

HML #	4051		4022	4037	4038		Detection Limit/ Units
Collector's Sample #	EHR 0119		EHR 0105	EHR 0117	EHR 0118		
*Aldrin	—		—	—	—		0.1 ppm
*a-BHC	—		—	—	—		0.1
*b-BHC							0.1
*c-BHC							0.1
*g-BHC (Lindane)	—		—	—	—		0.1
*Chlordane	—		—	—	—		0.2
*4,4'-DDE / op DDE	23.6/7.2		—	—	—		0.2
*4,4'-DDD / op DDD	0.35/—		—	—	—		0.2
*4,4'-DDT / op DDT	2.6/0.94		—	—	—		0.3
*Dieldrin	—		—	—	—		0.2
*Endosulfan I	—		—	—	—		0.2
*Endosulfan II	—		—	—	—		0.2
*Endosulfan sulfate							0.3
*Endrin	—		—	—	—		0.2
*Endrin aldehyde							0.2
*Heptachlor	—		—	—	—		0.1
*Heptachlor epoxide	—		—	—	—		0.1
*Toxaphene							1.0
*PCB's (calc. as 1016)	—		—	—	—		1.0
1260	—		—	—	—		1.0
Methoxychlor	—		—	—	—		0.1
PCNB	—		—	—	—		0.3
Perthane	—		—	—	—		0.2
Trithion	—		—	—	—		0.5

*Constituents on EPA priority pollutant list

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

Note: HML #4022, 4037, 4038, being aqueous liquids, have lower detection limit than soils.

Analyst's Signature [signature] 8/28/81 (Date)

Signature of Supervising Chemist [signature] 8-28-81 (Date)

Interim Report

588

California Department of Health Services
Hazardous Materials Laboratory

HML # 4022 to 4051

LABORATORY REPORT
Organophosphorus Pesticides

Collector's Name ED REFSELL

Date Collected 3/19/81, 4/10, 16/81

Sampling Location Smith Chemical Co.
500 Kirkham St., Oakland, CA 94607

Collector's Sample # EHR 0105 to EHR 0119

Analytical Procedure: Sample(s) were extracted with organic solvents. Constituents were determined by gas chromatography with nitrogen-phosphorus detector according to HML Methods (refer to AOAC, 13th Ed., 29.013).

	(2)	(3)	(3)	(4)	(5)	(11)	
HML #	4023	4025	4027	4029	4034	4047	Detection Limit/ Units
Collector's Sample #	EHR 0112	EHR 0113-2	EHR 0113-8	EHR 0114-2	EHR 0115-3	EHR 0121-3	
DEF	—	—	—	—	—	—	0.2 µg/g
Diazinon	—	—	—	—	—	—	0.25
Dioxathion	—	—	—	—	—	—	0.5
Disyston	—	—	—	—	—	—	0.5
Ethion	—	—	—	—	—	—	0.5
Ethyl parathion	—	—	—	—	—	—	0.5
Folex	—	—	—	—	—	—	4.0
Malathion	—	—	—	—	—	—	0.5
Methyl parathion	—	—	—	—	—	—	0.5
Thimet	—	—	—	—	—	—	0.5
Trithion	—	—	—	—	—	—	2.0

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

µg/g = ppm

Analyst's Signature Steven Shroyer 8/28/81 (Date)

Signature of Supervising Chemist [signature] 8-28-81 (Date)

Partial Report

6 of 8

California Department of Health Services
Hazardous Materials Laboratory

HML # 4022 to 4051

LABORATORY REPORT
Organophosphorus Pesticides

Collector's Name ED REFSELL Date Collected 3/19/81, 4/10, 16/81

Sampling Location Smilo Chemical Co. Collector's Sample # EHR 0105 to EHR 0119

500 Kirkham St, Oakland, CA. 94607

Analytical Procedure: Sample(s) were extracted with organic solvents. Constituents were determined by gas chromatography with nitrogen-phosphorus detector according to HML Methods (refer to AOAC, 13th Ed., 29.013).

detection limit for HML #4022, 4038

HML #	4051 (1)		4022 (1)	4037 (1)	4038 (8)		Detection Limit/ Units	
Collector's Sample #	EHR 0119		EHR 0105	EHR 0117	EHR 0118			
DEF	—		—	—	—		0.2 µg/g	0.0
Diazinon	—		—	—	—		0.25	0.0
Dioxathion	—		—	—	—		0.5	0.0
Disyston	—		—	—	—		0.5	0.05
Ethion	—		—	—	—		0.5	0.05
Ethyl parathion	—		—	—	—		0.5	0.05
Folex	—		—	—	—		4.0	0.4
Malathion	—		—	—	—		0.5	0.05
Methyl parathion	—		—	—	—		0.5	0.05
Thimet	—		—	—	—		0.5	0.05
Trithion	—		—	—	—		2.0	0.2

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

µg/g = ppm
µg/ml = ppm

Note: HML #4022, 4037, 4038, being aqueous liquids, have lower detection limit than soil samples.

Analyst's Signature Steven Schaaf 8/28/81 (Date)

Signature of Supervising Chemist [signature] 8-28-81 (Date)

7 of 8

HML # 4022 to 4051.

AZARDOUS MATERIALS LABORATORY

LABORATORY REPORT

TO: ED REFSELL (name of person requesting analysis)

DATE OF REPORT: 8/28/81

COLLECTOR'S SAMPLE #: EHR 0105 to EHR 0119

DATE COLLECTED: 3/19/81, 4/10, 16/81

LOCATION OF SAMPLING:

NAME Smi/o Chemical Co. TEL. NO.

ADDRESS 500 Kirkham St., Oakland Ca 94607
(number) (street) (city) (state) (zip)

ANALYTICAL PROCEDURES USED: pH determination of sample solutions by meter
Cyanide determination by distillation in to 5% NaOH, analysis by electrode.

REFERENCES: HML Methods

ANALYSIS RESULTS

HML #	% solution	pH
4022	100%	9.15
4023	50	7.95
4025	50	7.68
4027	50	8.10
4029	50	6.67
4034	50	7.48
4037	100	10.39
4038	100	8.85
4047	50	7.71
4051	50	7.03

HML #4023 — 0.5 $\mu g/g$ CN^-

$\mu g/g$ = ppm.

Analyst: [signature] signature 8/28/81 date JN

Supervising Chemist: [signature] signature 8-28-81 date

California Department of Health Services---Hazardous Materials Laboratory

HML # 4022 to 4051

HAZARDOUS MATERIALS LABORATOR.

LABORATORY REPORT

TO: ED REFSELL
(name of person requesting analysis)

DATE OF REPORT: 9/1/81

COLLECTOR'S SAMPLE #: EHR 0105 to EHR 0119

DATE COLLECTED: 3/19/81, 4/10,16/

LOCATION OF SAMPLING:

NAME Smilo Chemical Co. TEL. NO.

ADDRESS 500 Kirkham St Oakland CA 94607
(number) (street) (city) (state) (zip)

ANALYTICAL PROCEDURES USED: Distillation for phenols, analysis by GC, FID

REFERENCES: HML Methods

ANALYSIS RESULTS

HML #4038 (Insp. # 0118)

The following phenols were screened and not detected:

	detection limit
phenol	20 ppm
o-cresol	20
p-cresol	20
p-chlorophenol	10
o-ethyl phenol	20
m-ethyl phenol	20
p-ethyl phenol	20

ppm = µg/g

Analyst: Steven Schrapf (signature) 9/1/81 (date)

Supervising Chemist: JNV (signature) 9-1-81 (date)