

JULY 11, 1988

RECEIVED
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HAZARDOUS MATERIALS/
WASTE PROGRAM

ALAMEDA COUNTY HEALTH DEPARTMENT
470 27TH ST., RM 322
OAKLAND, CA 94612

ATTN: LOWELL MILLER

RE: EMERYVILLE MARKETPLACE SITE REPORT FOR THE WEEK OF 7-4-88

DEAR MR. MILLER,

THE FOLLOWING IS A SUMMARY OF ACTIVITIES AND FINDINGS AT THE EMERYVILLE MARKETPLACE SITE FOR THE WEEK OF 7-4-88.

THE PRESENCE OF ASBESTOS CONTAINING, ASPHALTIC MATERIAL ON THIS SITE, HAS BEEN DETERMINED (LAB REPORT ATTACHED). THIS MATERIAL APPEARS TO BE A TYPE OF TARPAPER. THE EXTENT OF ASBESTOS CONTAMINATION IS UNKNOWN, DUE TO THE FACT THAT NON-ASBESTOS CONTAINING TARPAPER-LIKE MATERIAL HAS ALSO BEEN IDENTIFIED (LAB REPORT ATTACHED). TARPAPER-LIKE MATERIALS HAVE BEEN FOUND AT VARIOUS DEPTHS, IN STRATIFIED LAYERS AS WELL AS ISOLATED POCKETS, AT MANY LOCATIONS ON THIS SITE. WITHOUT BENEFIT OF LABORATORY ANALYSIS, IT IS NOT FEASIBLE TO DIFFERENTIATE THE ASBESTOS CONTAINING MATERIAL FROM THE NON-ASBESTOS CONTAINING VARIETY BECAUSE, IN MOST CASES, THE DIFFERENT TYPES OF TARPAPER ARE VISIBLY INDISTINGUISHIBLE FROM EACH OTHER. SAMPLES OF ADDITIONAL TARPAPER-LIKE MATERIALS HAVE BEEN GATHERED THIS WEEK (7-4) AND FORWARDED FOR ANALYSIS. I WILL PROVIDE YOU WITH ANALYTICAL RESULTS IN MY NEXT REPORT.

ANALYTICAL RESULTS ARE STILL PENDING FOR THE SAMPLES COLLECTED DURING THE WEEKS OF 6-13 AND 6-20-88. THEY ARE DUE TO BE REPORTED DURING THE WEEK OF 7-11-88, AND WILL BE PROVIDED TO YOU IN MY REPORT FOR THAT WEEK.

WORKER PROTECTION WILL CONTINUE TO CONSIST OF PROTECTIVE GEAR DESIGNED TO PREVENT SKIN CONTACT WITH HAZARDOUS MATERIALS (I.E., GLOVES, BOOTS AND COVERALLS AS NECESSARY). RESPIRATORY PROTECTION WILL BE PROVIDED IF NECESSARY.

PLEASE FEEL FREE TO CONTACT ME @ 349-9737 IF YOU HAVE
QUESTIONS, OR I MAY BE OF ASSISTANCE.

SINCERELY,



AL TOY,
PROJECT ENVIRONMENTAL MONITOR

J.M. COHEN, INC.
155 BOVET RD., SUITE 300
SAN MATEO, CA 94402

cc: G. RAYMOND
M. PAPINEAU

J. M. COHEN, Inc.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES

Walter Kaczmarek
The Martin Company
6425 Christie Avenue
Suite 406
Emeryville, CA 94608

RESULTS OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Reported: 06/29/88
Received: 06/27/88

<u>SAMPLE NO</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
88-6002	Tar paper	>1% - Chrysotile Asbestos

Notes: Due to composition of material, precise quantification by PLM is not possible.

The determination was made by polarized light microscopy with dispersion staining at magnifications ranging from 20X to 400X. The estimated phase abundances are given in weight percent and are accurate to within 10 to 15% of the amount reported. The method is sensitive to the presence of asbestos to less than one percent by weight and the procedure conforms with the U.S. Environmental Protection Agency recommended method for bulk sample analysis of asbestos.


Joel M. Cohen, CIH



KELLCO

Asbestos Analytical Services

P.O. Box 1339
Fremont, CA 94538
(415) 659-9751

**POLARIZED LIGHT MICROSCOPY
w/ Dispersion Staining
Petrographic Analysis for Asbestos**

CLIENT: J M COHEN, INC.
155 BOVET ROAD
SUITE 300
SAN MATEO, CA 94402

KELLCO File #: 880527CC
Date: 0.00210
Page #: 1 OF 1

LOCATION:

Analyst: B. KELLOGG

CLIENT JOB #

KELLCO #	DESCRIPTION	ASBESTOS DETECTED	ASBESTOS TYPE AND PERCENT	OTHER FIBROUS CONSTITUENTS		HOMOGENOUS	
				YES	NO	YES	NO
880527CC-1	#052588-1 TAR PAPER/D-6	NO		C 65%			X

UNIDENTIFIED BALANCE: NF - BINDERS & FILLERS

B. Kellogg
KELLCO ASBESTOS ANALYTICAL

CHYS: Chrysotile
AMOS: Amosite
CROC: Crocidolite
TREM: Tremolite/Actinolite
ANTH: Anthophyllite
C: Cellulose
GL: Fiberglass/Mineral Wool
SYN: Synthetic
O: Other
NF: Non Fibrous