

Kaiser Permanente Medical Center
280 West MacArthur Boulevard
Oakland, California 94611-5693
(415) 596-1000

Thomas DeMartino
Administrator

Robert S. Klein, M.D.
Physician-in-Chief



KAISER PERMANENTE

March 14, 1990

Susan L. Hugo
Hazardous Material Specialist
Div. of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Dear Ms. Hugo:

Enclosed are three documents relating to the hazardous materials soil contamination issue at the Kaiser Permanente Medical Center in Oakland. The first document is the report of the initial soil sampling taken on November 30, 1989 to determine the extent of mineral spirits contaminated soil. The second document is the laboratory analysis of the unknown 55 gallon drum confirming the identification as pentachlorophenol (PCP). I have also enclosed the Health and Safety Plan to be followed by Geomatrix during the excavation of the PCP contaminated soil.

The PCP contaminated soil has been removed from the ground and placed in containers awaiting appropriate disposal. We are currently investigating the different disposal methods available. You will be advised of the disposal method once a decision has been made.

Additional core sampling to determine the extent of the mineral spirits contamination is being conducted this week. Hopefully we will know the extent of this contamination by Friday, March 16, 1990. Once the extent is known, a plan of action for dealing with the mineral spirits tainted soil will be developed and I will keep you informed as to that plan.

I trust that the information provided is helpful. If I can be of further assistance or answer any questions, please call me at 596-6603.

Sincerely,

Kenneth U. Ayers
Safety Coordinator

KUA:gm1
enclosures

90 MAR 16 AM 11:42

POLYCHLORINATED DIOXINS/FURANS
 LOW RESOLUTION

PRELIMINARY RESULTS

Client Name: AETC
 Client ID: H-1
 Lab ID: 051740-0001-SA
 Matrix: SOIL
 Authorized: 02 MAR 90

Enseco ID: 139632
 Sampled: 28 FEB 90
 Prepared: 02 MAR 90

Received: 02 MAR 90
 Analyzed: 05 MAR 90

Sample Amount: 1.0G
 Percent Moisture: NA
 Column Type: DB-5

Parameter	Result	Wet wt. Units	Detection Limit	Data Qualifiers
Furans				
TCDFs (total)	ND	ng/g	0.068	
PeCDFs (total)	ND	ng/g	0.11	
HxCDFs (total)	31	ng/g	--	
HpCDFs (total)	160	ng/g	--	
OCDF	120	ng/g	--	
Dioxins				
TCDDs (total)	ND	ng/g	0.22	
PeCDDs (total)	ND	ng/g	0.33	
HxCDDs (total)	26	ng/g	--	
HpCDDs (total)	260	ng/g	--	
OCDD	720	ng/g	--	
% Recovery				
13C-2,3,7,8-TCDF	57			
13C-2,3,7,8-TCDD	72			
13C-1,2,3,7,8-PeCDD	79			
13C-1,2,3,6,7,8-HxCDD	62			
13C-1,2,3,4,6,7,8-HpCDD	64			
13C-OCDD	34			

ND = Not detected
 NA = Not applicable

AMERICAN

ENVIRONMENTAL LABORATORIES CORP.

ANALYSIS REPORT: Tentatively Identified Compounds, EPA Method 8270

CLIENT: Geomatrix Consultants, Inc.
1 Market Plaza, Ste. 17
San Francisco, CA

P.O./Contract No.:
Contact: D. Favre
Phone:

Project: Geomatrix Consultants, Inc.

Lab Contact: M. Jaeger

Date Sampled: 2/28/90
Date Received: 3/1/90
Date Extracted: 3/1/90
Date Analyzed: 3/1/90

Job No.: 794424
COC Log No.: None

AEMC I.D.: L4424-1

Client Sample I.D.: H-1

Matrix: Soil

FRACTION	RETENTION TIME (Min.)	TENTATIVE IDENTIFICATION	ESTIMATED CONC. (mg/kg)
BNA	16.91	2,4,5-Trichlorophenol	1,000
	22.19	Pentachlorophenol	300

Estimated Reporting Limit = 100 mg/kg

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Date Sampled: 2/28/90
Date Received: 3/1/90
Date Extracted: 3/1/90
Date Analyzed: 3/1/90

Job No.: 794424
COC Log No.: None

AEMC I.D.: 14424-2

Client Sample I.D.: H-2

Matrix: Soil

FRACTION	RETENTION TIME (Min.)	TENTATIVE IDENTIFICATION	ESTIMATED CONC. (mg/kg)
BNA	16.91	2,4,5-Trichlorophenol	2,000
	22.20	Pentachlorophenol	600

Estimated Reporting Limit = 100 mg/kg