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FAX TRANSMITTAL

DATE: 8/20/99 FAX # 510-337-9335
TO: Ms Susan Hugo
COMPANY: Alameda County Env. Health
FROM: Mansour Sefeh
SUBJECT: Signature Page
NUMBER OF PAGES INCLUDING COVER: 5

MESSAGE:

Susan:

Per your Request.

*Best Regards
Mansour*

08/17 '99 11:22

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PAGE 1

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08/17/99 10:30AM; JclFax #400; Page 1/3



Subsurface Consultants, Inc.

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Date:	August 17, 1999
Number of pages (including cover sheet):	3

To:	Ignacio Dayrit Fax: 510.658.8095
	<i>→ Manson -</i> Geoff Sears Fax: 415.459.4605
Phone:	
Fax:	<i>244 6601</i>
cc:	

From:	Gene Ng
Sent From:	Lafayette
SCI Job #:	537,014
Re:	Complete Chemical Data Set 59th Street Widening Project

REMARKS: Urgent For your review Reply ASAP Please comment
 For your use Original in mail As requested

Transmitted herewith is the complete summary table of soil analytical data received from the laboratory. Sample SP-1 represents a composite soil sample of the stockpiled soils taken from the utility trench excavated by Weboor Builders last week. SS-1@2' through SS-4@2' are soil samples taken at a depth of 2 feet from four test pits excavated within the fenced area along 59th Street. SS-4@4' was taken at a depth of 4 feet.

A draft Site Plan is also attached to show the sample locations. A final Site Plan will be drafted on CAD for the report.

If you have any questions, please call Terry McManus or myself at 925.299.7960.

--Gene Ng

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Table 2. Summary of Soil Analytical Data
 59th Street Widening Project
 Emeryville, California

Analyte	Units	Sample ID							
		SP-1	TS-102'	TS-202'	SS-102'	SS-202'	SS-302'	SS-402'	SS-502'
TVB _g	mg/kg	2.4	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	3.8	ND(1)
TEH _g	mg/kg	1,100	2,300	200	33	14	160	13,000	280
TEB _g	mg/kg	280	4,000	720	24	94	580	15,000	280
Benzene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Toluene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Ethyl Benzene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Xylenes	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MEBE	mg/kg	-	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
VOCs	mg/kg	ND	-	-	-	-	-	-	-
SVOCs	mg/kg	ND	-	-	-	-	-	-	-
PCBs: Arochlor 1260	mg/kg	0.046	-	-	ND(0.012)	0.052	0.032	0.016	ND(0.012)
Metals	mg/kg								
Antimony	mg/kg	ND(0.03)	-	-	-	-	-	-	-
Arsenic	mg/kg	73	-	-	-	-	-	-	-
Barium	mg/kg	79	-	-	-	-	-	-	-
Beryllium	mg/kg	0.24	-	-	-	-	-	-	-
Cadmium	mg/kg	0.42	-	-	ND(0.25)	0.32	0.55	0.95	ND(0.24)
Chromium	mg/kg	24	-	-	22	-	19	26	31
Cobalt	mg/kg	7	-	-	-	-	-	-	-
Copper	mg/kg	12	-	-	-	-	-	-	-
Lead	mg/kg	11	-	-	10	22	34	120	38
Mercury	mg/kg	ND(0.008)	-	-	-	-	-	-	-
Molybdenum	mg/kg	ND(0.99)	-	-	-	-	-	-	-
Nickel	mg/kg	34	-	-	29	31	30	26	27
Selenium	mg/kg	ND(0.25)	-	-	-	-	-	-	-
Silver	mg/kg	ND(0.5)	-	-	-	-	-	-	-
Thallium	mg/kg	ND(0.25)	-	-	-	-	-	-	-
Vanadium	mg/kg	22	-	-	-	-	-	-	-
Zinc	mg/kg	50	-	-	42	48	120	120	22

Note:

TVB_g = total volatile hydrocarbons as gasoline
 TEH_g = total extractable hydrocarbons as fuel oil
 TEB_g = total extractable hydrocarbons as motor oil
 MEBE = methyl ethyl benzene

VOCs = volatile organic compounds
 SVOCs = semi-volatile organic compounds
 PCBs = polychlorinated biphenyls

ND(1) = not detected at analytical reporting limit
 mg/kg = milligrams per kilogram, or parts per million
 - = not analyzed

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Subsurface Consultants, Inc.

Geotechnical & Environmental Engineers

SHEET _____ OF _____
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PROJECT 59th St. Widening Project
SUBJECT Site Plan

