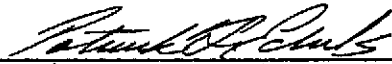


SOIL CONTAMINATION ASSESSMENT
DRUM STORAGE AREAS
ST. VINCENT DE PAUL
DISTRIBUTION CENTER
9235 SAN LEANDRO STREET
OAKLAND, CALIFORNIA
SCI 803.001

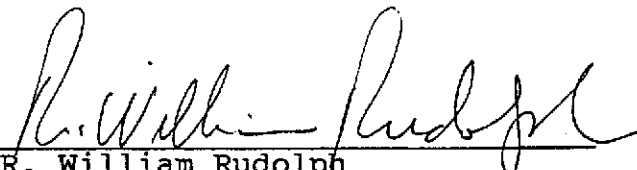
Prepared for:

Mr. Bryan Bevers, Workshop Administrator
Society of St. Vincent de Paul
9235 San Leandro Street
Oakland, California 94806

By:


Patrick F. Echols
Civil Engineer 49008 (expires 9/30/96)




R. William Rudolph
Geotechnical Engineer 741 (expires 12/31/92)



Subsurface Consultants, Inc.
171 12th Street, Suite 201
Oakland, California 94607
(510) 268-0461

December 16, 1992

discrete samples from the paint area. Analytical testing included the following:

*Mark -
Maybe they have diesel
VST only -*

Selected Discrete Samples

1. Total Oil and Grease (O&G),
2. Total Extractable Hydrocarbons (TEH) as diesel and motor oil,
3. Aromatic Volatile Organic Compounds,
4. Total Lead,
5. Semivolatile Organic Compounds, and
6. Purgeable Halocarbons.

Composite Samples

1. Semivolatile Organic Compounds, and
2. CAC-Title 26 Metals.

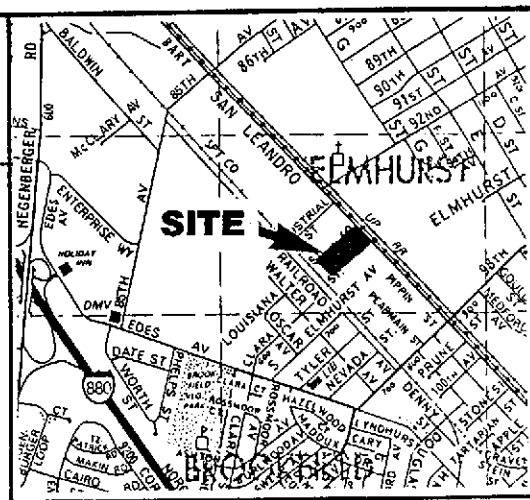
Summaries of the analytical test results are presented on Tables 1 and 2. Descriptions of the sample preparation and analytical test methods, analytical test reports and Chain-of-Custody records are presented in Appendix A.

Table 2.
Heavy Metal Concentrations in Soil


	<u>Composite A</u> <u>mg/kg</u>	<u>Composite B</u> <u>mg/kg</u>
Antimony	<3	<3
Arsenic	6	7
Barium	130	150
Beryllium	0.5	0.6
Cadmium	<0.3	<0.3
Chromium (Total)	25	40
Cobolt	7	15
Copper	38	100
Lead	40	60
Mercury	0.1	<0.1
Molybdenum	<0.7	<0.7
Nickel	33	73
Selenium	<3	<3
Silver	<0.5	<0.5
Thallium	<3	<3
Vanadium	21	42
Zinc	190	100

SAN LEANDRO STREET

9235

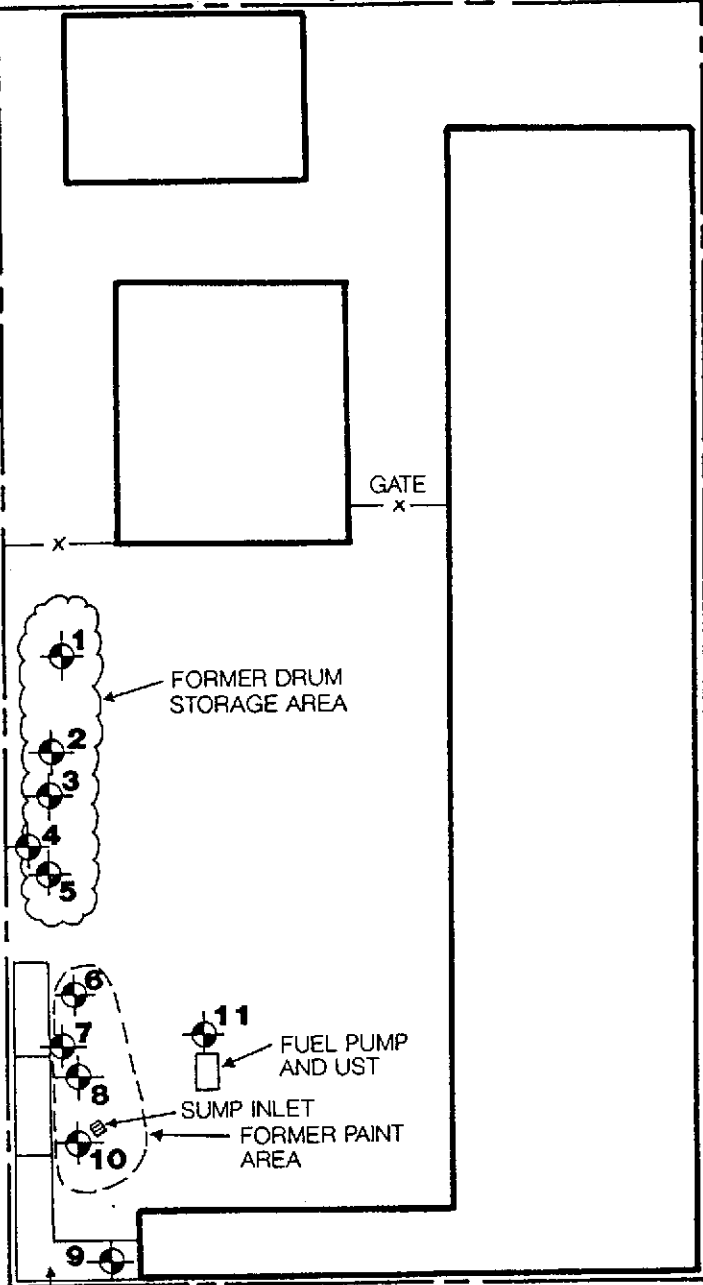


VICINITY MAP


 APPROXIMATE LOCATION OF SCI TEST BORING



APPROXIMATE SCALE (feet)



SITE PLAN

9235 SAN LEANDRO STREET - OAKLAND, CA

PLATE

Subsurface Consultants

JOB NUMBER
803.001

DATE
11/19/92

APPROVED
PFE

1

Table 1.
Summary of Contaminant Concentrations in Soil

	Total Oil & Grease mg/kg	TEH as Diesel mg/kg	TEH as Motor Oil mg/kg	Aromatic Volatile Organic Compounds					Total Lead mg/kg	Semi-Volatile Organic Compounds ug/kg	Purgeable Halocarbons		
				B1 ug/kg	T ¹ ug/kg	E ¹ ug/kg	X ¹ ug/kg	C ¹ ug/kg			TCE ug/kg	Methylene Chloride ug/kg	Others ug/kg
B1 @ 2.0'	<50	1	30	<5	<5	<5	<5	<5	17	-- ²	<5	<20	ND ³
B3 @ 1.5'	<50	2	40	<5	32	9	47	<5	340	--	<5	20	ND
B5 @ 1.5'	160	4	180	<5	<5	<5	<5	<5	200	--	<5	<20	ND
B6 @ 2.0'	58	<1	<30	<5	7	13	280	<5	40	--	<5	20	ND
B8 @ 2.0'	250	4	70	<5	<5	<5	<5	<5	160	--	<5	70	ND
B9 @ 1.5'	60	<10	600	<5	<5	<5	<5	<5	18	--	<5	20	ND
B10 @ 1.5'	270	30	1,400	<5	<5	<5	6,200	2,600	90	ND	1,600	<20	ND
B10 @ 4.0'	<50	<1	<30	11	<1	<1	<1	<1	5	--	<5	<20	ND
B11 @ 1.5'	<50	<10	500	22	<5	32	56	<5	6	--	<5	<20	ND
B11 @ 5.5'	<50	<1	<30	21	<5	11	25	<5	4	--	<5	<20	ND
Composite A ⁴ (Main Drum Area)	--	--	--	--	--	--	--	--	--	ND	--	--	--
Composite B ⁵ (Paint Area)	--	--	--	--	--	--	--	--	--	ND	--	--	--

¹ Benzene, Toluene, Ethylbenzene, Total Xylenes, Chlorobenzene

² Test not performed

³ Not detected at or above reporting limit. For specific reporting limit refer to the analytical test results.

⁴ Composite A consists of discrete samples from Borings 1, 2, 3 and 4

⁵ Composite B consists of discrete samples from Borings 6, 7, 8 and 9

If you have any questions concerning this matter, please contact Lowell Miller at 874-7237.

Sincerely,

Rafat A. Shahid, Manager
Hazardous Materials Program

cc: Dwight Hoenig, DOHS
Gil Jensen, Alameda County District Attorney,
Consumer and Environmental Protection Division
Jim Bond, Warden Department of Fish & Game
4151 Francisco Street, Pleasanton, CA 94566

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WELL COMPLETION REPORT
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