

# DUNNE

*quality paints*

February 12, 1988

San Francisco Bay Region  
State of California  
Water Quality Control Board  
1111 Jackson Street  
Oakland, CA 94607

**COPY**

SUBJECT: Underground Tanks

Gentlemen:

Enclosed is a soils report which I recently had completed in preparation for the removal/abandonment of six underground tanks on the Company's property. Concurrent to our having the soils test done, I ordered and have had installed (with the approval of the City of Emeryville Fire Marshall) above ground tanks for solvent storage.

The laboratory results indicate evidence of contamination, primarily in the backfill areas immediately surrounding some of the tanks. Three of the four tanks which have been in use in the last twenty years are now empty. The fourth will be empty within one week. The two tanks near borings 7, 11 and 12 have been unused for over thirty-five years and are empty.

I have applied with the Alameda County Environmental Health Department for an underground closure modification plans and am working with a licensed contractor to prepare a closure plan.

I am available to discuss our plans to mediate the contamination at your requests.

Sincerely,  
FRANK W. DUNNE COMPANY

*William T. Turner*

William T. Turner  
President

WTT/sc

Enclosure

cc: Liz Rose, Alameda County  
Department of Environmental Health

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# DUNNE

*quality paints*

**TERRY TURNER**  
PRESIDENT

1007 41st Street  
Oakland, CA 94608  
**(415) 652-1200**





# Environmental Services, Inc.

2111 Jennings Street, San Francisco, California 94124-3224, Phone (415) 822-4555

✓ January 25, 1988

Dunne Quality Paints  
1101 41st Street  
Oakland, CA

## SOIL REPORT

The soil investigation at the above address regarding six underground paint thinner storage tanks has been completed. The bottom of the tanks range between 9 and 9.5 feet below the ground surface. The four tanks located to the west have been in service for at least twenty years, and were being used at the time of the soil sampling. The two underground tanks located to the east are of unknown age and have not been in service for a number of years. Apparently, when the tanks were taken out of service, product was removed and each tank was filled with water. Shallow groundwater appears to be present beneath the site at a depth of between 6 and 7 feet below the ground surface.

### 1. Sampling Procedures

On January 12 and 13, 1988, soil samples were collected at twelve locations surrounding the underground tanks. The locations of the borings are shown in the attached site plan. At most of the locations, soil samples were collected at approximately 6 and 10 foot depths. At location #1, soil samples were collected at depths of 3, 8 and 10 feet. At location #2 a single sample was collected at a depth of 9 feet. At location #3, soil samples were collected at depths of 6, 10 and 14 feet. The boring logs are attached to this report. Each boring was logged, and the soil sampling operations was supervised by a registered civil engineer in the field.

Eleven of the borings were drilled with 4-inch solid stem augers, using a CME-45 drill rig. One of the borings was drilled with 3-inch hollow stem augers, using a portable Mobile Minuteman drill rig. During the drilling, soil samples were collected by driving a split-barrel sampler fitted with brass liners. One liner from each drive was immediately capped and placed on ice, then transported under chain of custody to the laboratory by the end of the working day.

### 2. Laboratory Analysis and Procedures

Analysis was performed on a Hewlett Packard 5890 Gas Chromatograph equipped with an FID Detector utilizing a capillary column. Procedures are SW-846 modified 8015 Total Petroleum Hydrocarbons as paint thinner. A sample of pure product was collected from one of the underground storage tanks and subsequently used as a standard for the laboratory analysis.

### 3. Laboratory Test Results

The results of the laboratory analysis of the soil samples are as follows:

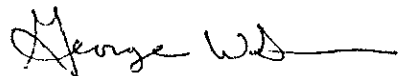
<u>LOCATION</u>	<u>DEPTH</u>	<u>PAINT THINNER</u>
1	3 FEET	<20 mg/kg
	8	<20
	10	41
2	9	10,080
3	6	<20
	10	226
	14	<20
4	6	150
	10	638
5	6	<20
	10	586
6	6	986
	10	102
7	6	27,362
	10	8,362
8	6	27,391
	10	13,845
9	6	3,472
	10	1,193
10	6	5,549
	10	6,491
11	6	503
	10	120
12	6	15,140
	10	284

Certified copies of the laboratory test results are enclosed.

5. Chain of Custody

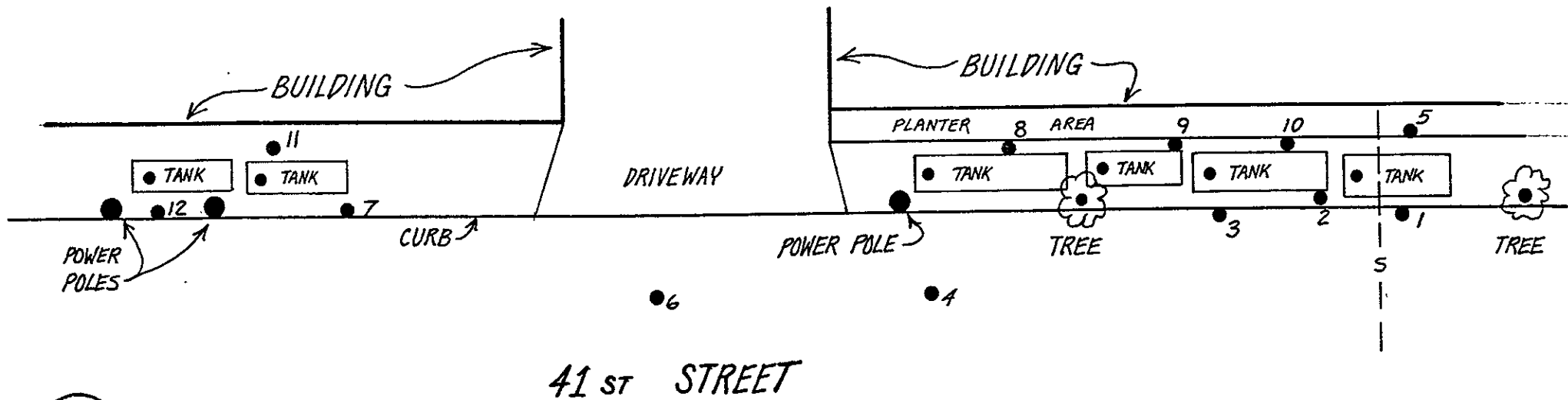
Formal, signed chain of custody records are enclosed.

Sincerely,

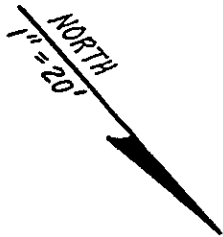
A handwritten signature in cursive script that reads "George Wilson". The signature is written in black ink and is positioned above the typed name.

George Wilson  
Vice President

GW/lr  
enc



COPY



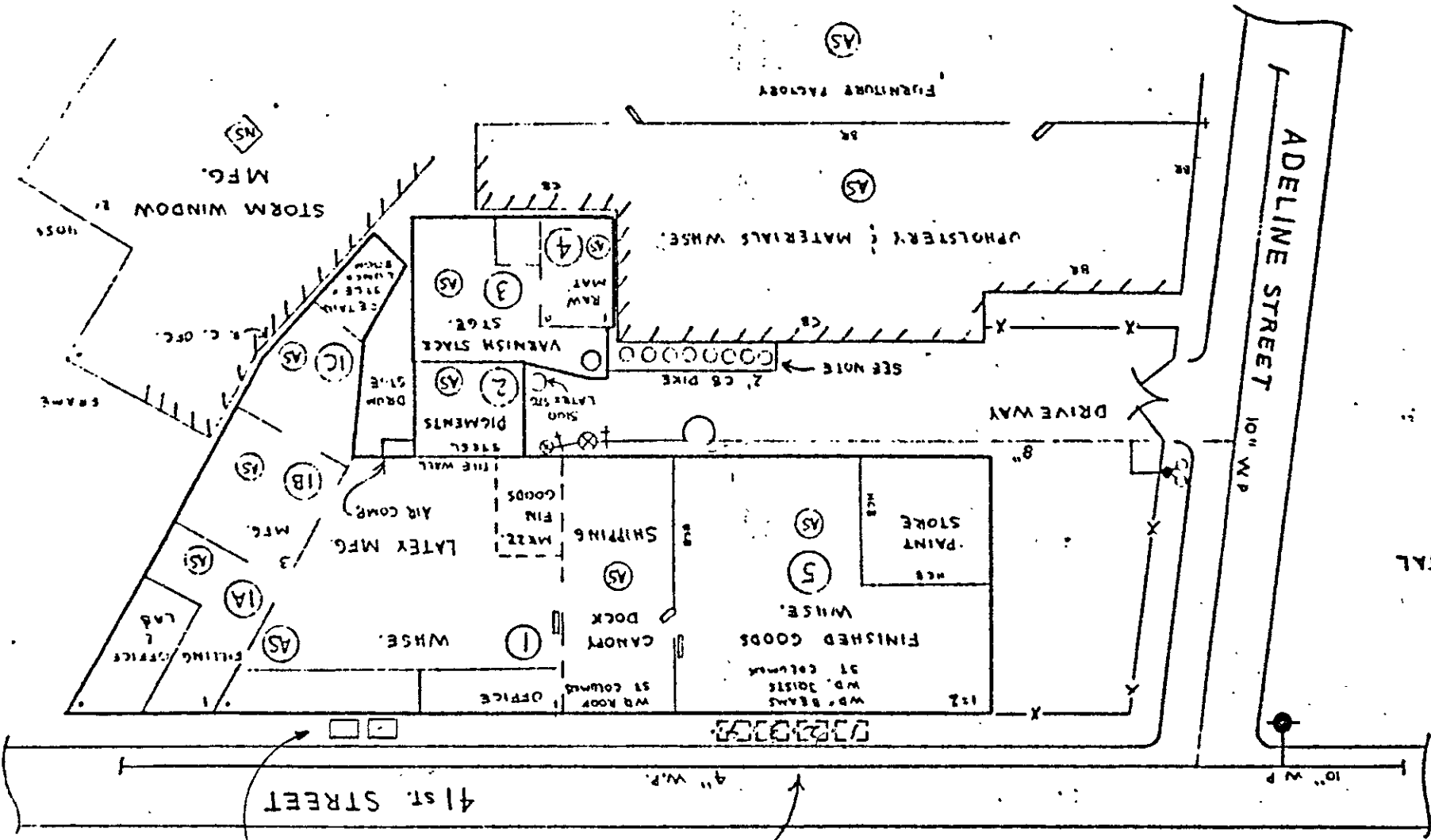
41 ST STREET

SITE MAP

Dunne Quality Paints

1101-41st Street

Oakland, California



RESIDENTIAL

RESIDENTIAL

- #1 - 1-6000 GAL 3-M.S.
- #2+3 - 2-3000 GAL 1-EMPTY
- #4 - 1-2000 GAL

2-1500 GAL  
Abandoned solvent tank

PRINTING & PLATE MAKING

LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO.

#1

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START

FINISH

TIME

TIME

0830

1000

DATE

DATE

1/12/88

1/12/88

CASING DEPTH

SEE SITE MAP

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR.

SAMPLER TYPE	INCHES BORED INCHES RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
2" SPLIT	12/12			3/5		3	
						4	
						5	
2" SPLIT	12	SAMPLE LOST		5/6		6	
						7	
2" SPLIT	12/12			6/10		8	
						9	
						10	
2" SPLIT	12/12			8/10	0940	11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

ASPHALT PAVEMENT (~1")  
CONCRETE GUTTER (~3")

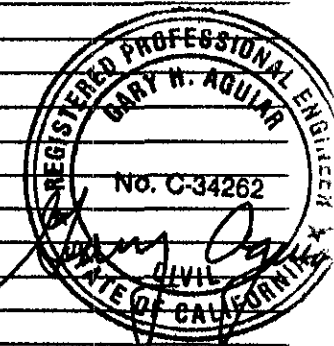
BRN SILTY CLAY (CL), SOFT, SLIGHTLY MOIST,  
HIGH PLASTICITY, DARKER @ END OF SAMPLER,  
NO ODOR

DK BRN CLAY (CL), SLIGHTLY MOIST, SLIGHTLY STIFF,  
HIGH PLASTICITY, NO ODOR

GREY CLAY (CH), SLIGHTLY MOIST, STIFF,  
MODERATE PLASTICITY, OCCASIONAL WHITE ANGULAR  
GRAVEL TO 1/2"

GREY CLAYEY SAND (SC), SLIGHTLY MOIST,  
SAND FINE GRAIN, HIGH CLAY CONTENT

TD = 17' BLS



COPY

BY \_\_\_\_\_ DATE \_\_\_\_\_ CHK'D BY \_\_\_\_\_

LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

3" HOLLOW STEM AUGER  
MOBILE MINUTEMAN DRILL RIG

BORING NO.

#2

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 3 BRASS LINERS (6")

DRILLING

START

FINISH

TIME

TIME

1000

1130

DATE

DATE

1/12/88

1/12/88

CASING DEPTH

SEE SITE MAP

DATUM

ELEVATION

SURFACE CONDITIONS:

SAMPLER TYPE	INCHES BITTER RECOVERED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	DEPTH IN FEET	SOIL GRAPH
					0	
					1	
					2	
					3	
					4	
					5	
					6	
					7	
					8	
1" SPLIT	18/18				9	1130
					0	
					1	
					2	
					3	
					4	
					5	
					6	
					7	
					8	
					9	
					0	

TOPSOIL (PLANTER AREA)

BRN CLAYEY SAND (FILL), SLIGHTLY MOIST,  
LOOSE, MEDIUM GRAIN

SAME, SLIGHTLY MOIST

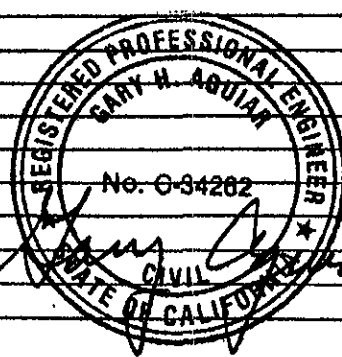
DK BRN SAND (FILL), SATURATED, MEDIUM GRAIN

GREY SANDY CLAY (CL), SATURATED,  
SAND FINE

TOTAL DEPTH = 9' BLS

DRILLING CONTR.

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHK'D BY \_\_\_\_\_



COPY

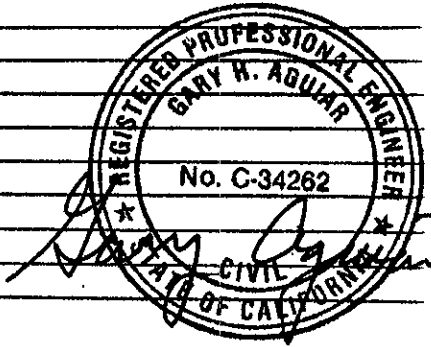




LOCATION OF BORING          <b>SEE SITE MAP</b>	JOB NO.	CLIENT <b>DUNNE PAINTS</b>	LOCATION <b>EMERYVILLE</b>
	DRILLING METHOD: <b>4" SOLID STEM AUGER CME-45 DRILL RIG</b>		BORING NO. <b>#4</b>
	SAMPLING METHOD: <b>SPLIT BARELL SAMPLER WITH 2 BRASS LINERS (6")</b>		SHEET <b>1 of 1</b>
	WATER LEVEL		DRILLING
	TIME		START TIME <b>1130</b>
	DATE		FINISH TIME <b>1230</b>
	CASING DEPTH		DATE <b>1/12/88</b>

DATUM		ELEVATION		SURFACE CONDITIONS:				
SAMPLER TYPE	INCHES BORE INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH	
						0		ASPHALT (~2")
						1		
						2		
						3		DK BRN CLAY (CL), SLIGHTLY MOIST, MEDIUM STIFF
						4		
						5		
3" SPLIT	12/12			6/4	1150	6		GREY SANDY CLAY (CL), SLIGHTLY MOIST, SAND FINE, GRAVELS TO 1/2" (NO ODOR)
						7		
						8		
						9		
3" SPLIT	12/12			10/6	1215	10		GREY CLAYEY SAND & GRAVEL (GC), SATURATED, LOOSE, ANGULAR GRAVEL TO 1/2"
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

COPY



DRILLING CONTR.

BY \_\_\_\_\_ DATE \_\_\_\_\_ CHK'D BY \_\_\_\_\_

LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO.

#5

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START TIME

1250

FINISH TIME

1330

WATER LEVEL

TIME

DATE

CASING DEPTH

DATE

1/2/88 1/2/88

SEE SITE MAP

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR.

BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHK'D BY \_\_\_\_\_

SAMPLER TYPE	INCHES BITTER RECOVERED	DEPTH OF CASING	SAMPLE BL. DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
						6	
2" SPLIT	12/4			10/10	1305	7	
						8	
						9	
2" SPLIT	12/6			13/4	1320	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

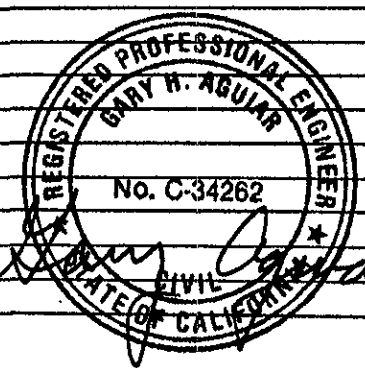
TOPSOIL (PLANTER AREA)

DK BRN CLAY (CL), SLIGHTLY MOIST, MEDIUM STIFF,  
(NO ODOR)

GREY CLAYEY SAND & GRAVEL (GC),  
MOIST, STIFF, ANGULAR GRAVEL TO 1/2"

TOTAL DEPTH = 11'

COPY



LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER

CME-45 DRILL RIG

BORING NO.

#6

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS

DRILLING

START FINISH

TIME TIME

1336 1430

DATE DATE

1/12/88 1/12/88

SEE SITE MAP

WATER LEVEL

TIME

DATE

CASING DEPTH

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR.

SAMPLER TYPE	INCHES WATER RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPT.	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
						6	
3" SPLIT	12/6				1340	7	
						8	
						9	
3" SPLIT	12/12			9/8	1420	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

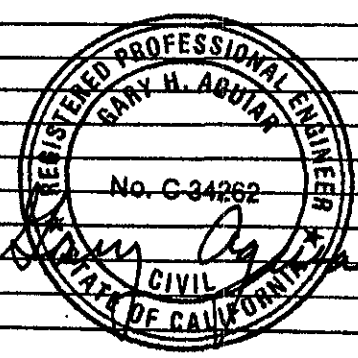
ASPHALT PAVEMENT (~2")

GREY GRAVELLY CLAY (CL), SLIGHTLY MOIST, STIFF, ANGULAR GRAVEL TO 1/2" (SLIGHT SOLVENT ODOR)

BRN CLAYEY SAND & GRAVEL (GC), SATURATED, LOOSE, ANGULAR GRAVEL TO 1/2"

TOTAL DEPTH = 11' BLS

COPI



BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHK'D BY \_\_\_\_\_

LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO

# 7

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START TIME

1420

FINISH TIME

1530

DATE

1/12/88

DATE

1/12/88

CASING DEPTH

SEE SITE MAP

DATUM

ELEVATION

SAMPLER TYPE	INCHES INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
3" SPLIT	12/6			1/0	1512	6	
						7	
						8	
						9	
3" SPLIT	12/12				1530	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

SURFACE CONDITIONS:

CONCRETE SIDEWALK (~2")

DK BRN SILTY CLAY (CL), NEARLY DRY

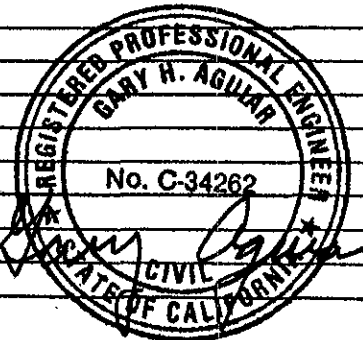
BRN SAND (FILL), SATURATED, LOOSE,  
SAND MEDIUM GRAIN,  
(STRONG SOLVENT ODOR)

BLACK SAND (FILL), SATURATED, LOOSE,  
(STRONG SOLVENT ODOR)

BRN CLAYEY SAND & GRAVEL (GC),  
SATURATED, GRAVEL TO 3"

TOTAL DEPTH = 11' BLS

COPY



DRILLING CONTR.

CHK'D BY

DATE

BY

LOCATION OF BORING

JOB NO.	CLIENT	LOCATION
	DUNNE PAINTS	EMERYVILLE
DRILLING METHOD:		BORING NO
4" SOLID STEM AUGER		#8
CME-45 DRILL RIG		SHEET
		1 of 1
SAMPLING METHOD:		DRILLING
SPLIT BARREL SAMPLER		START TIME
WITH 2 BRASS LINERS (6")		FINISH TIME
WATER LEVEL		0900
TIME		0930
DATE		DATE
		1/13/88
CASING DEPTH		1/13/88

SEE SITE MAP

DATUM

ELEVATION

DRILLING CONTR.

SAMPLER TYPE	INCHES DRIVEN RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
						6	
2" SPLIT	12/12			2 1/2	0915	7	
						8	
						9	
2" SPLIT	12/12			12/18	0925	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

SURFACE CONDITIONS:

CONCRETE SIDEWALK (~2")

BRN SAND (FILL), SATURATED, LOOSE, MEDIUM GRAIN

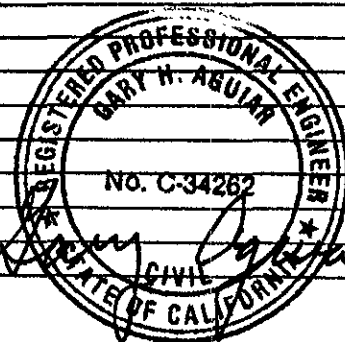
SAME, BLACK COLOR, (STRONG SOLVENT ODOR)

SAME, BLACK COLOR, (SOLVENT ODOR)

BRN CLAYEY GRAVEL (GC), VERY CLAYEY, ANGULAR GRAVELS 1/8-1" (SLIGHT SOLVENT ODOR)

TOTAL DEPTH = 11' BLS

COPY



CHK'D BY

DATE

BY

LOCATION OF BORING

SEE SITE MAP

JOB NO.

CLIENT

DUNNE PAINTS

LOCATION

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO.

# 9

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START TIME

0940

FINISH TIME

1030

DATE

1/13/88

DATE

1/13/88

CASING DEPTH

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR.

SAMPLER TYPE	INCHES DEPTH RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
2" SPLIT	12/12			2/5	1013	6	
						7	
						8	
						9	
						10	
2" SPLIT	18/12			10/12/19	1025	1	
						2	
						3	
						4	
						5	
						6	
						7	
						8	
						9	
						0	

CONCRETE SIDEWALK (~2")

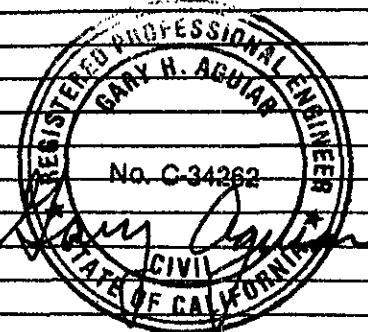
BRN SAND (FILL), SATURATED, LOOSE, SLIGHTLY CLAYEY, SAND FINE TO MEDIUM

SAME, BLACK COLOR (SOLVENT ODOR)

GREY GRAVELLY CLAY (GC), SATURATED, VERY GRAVELLY, STICKY CLAY, ANGULAR GRAVEL TO 1" (SLIGHT SOLVENT ODOR)

TOTAL DEPTH = 11.5' BLS

COPY



CHK'D BY

DATE

BY

LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO

#10

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START TIME

1045

FINISH TIME

1115

WATER LEVEL

TIME

DATE

CASING DEPTH

DATE

1/13/88

DATE

1/13/88

SEE SITE MAP

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR.

BY \_\_\_\_\_ DATE \_\_\_\_\_ CHK'D BY \_\_\_\_\_

SAMPLER TYPE	INCHES BIVEN RECOVERED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
						6	
2" SPLIT	18/18		2/2/6	1100		7	
						8	
2" SPLIT	18/18		9/14/18	1115		10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

CONCRETE SIDEWALK (~2")

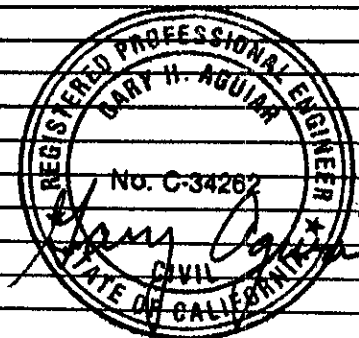
DK BRN SAND (FILL), SATURATED, LOOSE, SLIGHTLY CLAYEY, SAND FINE TO MEDIUM (SOLVENT ODOR)

SAME, BLACK COLOR (STRONG SOLVENT ODOR)

DK BRN CLAYEY GRAVEL (GC), SATURATED, LOOSE, GRAVEL TO 2" (SLIGHT SOLVENT ODOR)

TOTAL DEPTH = 11.5' BLS

COPY





LOCATION OF BORING

JOB NO.

CLIENT

LOCATION

DUNNE PAINTS

EMERYVILLE

DRILLING METHOD:

4" SOLID STEM AUGER  
CME-45 DRILL RIG

BORING NO

#11

SHEET

1 of 1

SAMPLING METHOD:

SPLIT BARREL SAMPLER  
WITH 2 BRASS LINERS (6")

DRILLING

START TIME

1135

FINISH TIME

1235

DATE

1/13/88

DATE

1/13/88

CASING DEPTH

SEE SITE MAP

DATUM

ELEVATION

SURFACE CONDITIONS:

DRILLING CONTR

CHK'D BY

DATE

BY

SAMPLER TYPE	INCHES BITTER RECORDED	DEPTH OF CASING	SAMPLE NO. SAMPLE DEPTH	BLOWS/FT. SAMPLER	TIME	DEPTH IN FEET	SOIL GRAPH
						0	
						1	
						2	
						3	
						4	
						5	
2" SPAT	18/18			6/5/9	1212	6	
						7	
						8	
						9	
1" SPLIT	18/18			11/10	1232	10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

CONCRETE SIDEWALK (~4")

DK BRN CLAY (CL), MOIST, SOFT,  
OCCASIONAL FINE SAND, OCCASIONAL  
GRAVEL TO 1/2"

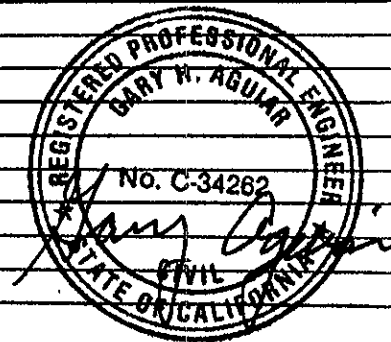
GREY CLAY (CL), SLIGHTLY MOIST, MODERATELY  
STIFF, OCCASIONAL FINE SAND, STREAKS  
OF BLACK COLOR  
(SLIGHT SOLVENT ODOR)

VERY GRAVELLY, STIFF, GRAVELS TO 1"

BRN CLAYEY SAND & GRAVEL (GC),  
SATURATED, LOOSE, SAND FINE TO COARSE,  
ANGULAR GRAVEL TO 1"  
(NO ODOR)

TOTAL DEPTH = 11.5' BLS

COPY



LOCATION OF BORING

JOB NO.	CLIENT <b>DUNNE PAINTS</b>	LOCATION <b>EMERYVILLE</b>
DRILLING METHOD: <b>4" SOLID STEM AUGER CME-45 DRILL RIG</b>		BORING NO. <b>#12</b>
SAMPLING METHOD: <b>SPLIT BARREL SAMPLER WITH 2 BRASS TUBES (6")</b>		SHEET <b>1 of 1</b>
WATER LEVEL		DRILLING START TIME <b>1250</b>
TIME		FINISH TIME <b>1335</b>
DATE		DATE <b>1/13/88</b>
CASING DEPTH		DATE <b>1/13/88</b>

SEE SITE MAP

DATUM

ELEVATION

SAMPLER TYPE	INCHES DRIVEN / INCHES RECOVERED	DEPTH OF CASING	SAMPLE NO. / SAMPLE DEPTH	BLOWS/FT. SAMPLER	DEPTH IN FEET	SOIL GRAPH	
					0		
					1		
					2		
					3		
					4		
					5		
2" SPLIT	18 / 18		2 1/2	1320	6	] █	
					7		
					8		
					9		
2" SPLIT	18 / 18			1335	10	] █	
					11		
					12		
					13		
					14		
					15		
					16		
					17		
					18		
					19		
					20		

SURFACE CONDITIONS:

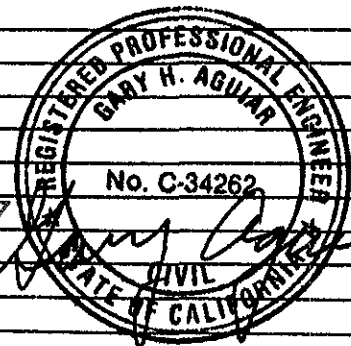
CONCRETE SIDEWALK (~2")

DK GREY SANDY & GRAVELLY CLAY (CL), SATURATED, POCKETS OF COARSE SAND, ANGULAR GRAVEL TO 1" (STRONG SOLVENT ODOR)

BRN CLAYEY SAND & GRAVEL (GC), SATURATED, LOOSE, SAND FINE TO COARSE, ANGULAR GRAVEL TO 1/2" (NO ODOR)

TOTAL DEPTH = 11.5' BLS

COPY



DRILLING CONTR.

CHK'D BY

DATE



Precision Analytical Laboratory, Inc.

2111 JENNINGS STREET, SAN FRANCISCO, CA 94124-3224, PHONE (415) 822-9649

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Date Received: 11/13/88
Date Reported: 11/14/88
Job #: 70264

DUNNE QUALITY PAINTS
1101 41ST ST
OAKLAND, CA

TOTAL PETROLEUM HYDROCARBON ANALYSIS
by Modified Method 8015

Table with 3 columns: SAMPLE ID, CONCENTRATION mg/kg, and HYDROCARBON. It lists 15 samples from boring 1 to 7 at various depths, with concentrations ranging from <20 to 27,362 mg/kg.

Signature of Jaime Chow
Jaime Chow
Laboratory Director

COPIES

JC/lrs



Precision Analytical Laboratory, Inc.

2111 JENNINGS STREET, SAN FRANCISCO, CA 94124-3224, PHONE (415) 822-9649

CERTIFICATE OF ANALYSIS

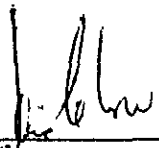
STATE LICENSE NO. 211

Date Received: 1/13/88  
Date Reported: 1/14/88  
Job #: 70266

DUNNE QUALITY PAINTS  
41ST & ADELINE  
EMERYVILLE, CA

TOTAL PETROLEUM HYDROCARBON ANALYSIS  
by Modified Method 8015

<u>SAMPLE ID</u>	<u>CONCENTRATION</u> mg/kg	<u>HYDROCARBON</u>
BORING #8 - 6'	27,391	THINNER
BORING #8 - 10'	13,845	THINNER
BORING #9 - 6'	3,472	THINNER
BORING #9 - 10'	1,193	THINNER
BORING #10 - 6'	5,549	THINNER
BORING #10 - 10'	6,491	THINNER
BORING #11 - 6'	503	THINNER
BORING #11 - 10'	120	THINNER
BORING #12 - 6'	15,140	THINNER
BORING #12 - 10'	284	THINNER

  
\_\_\_\_\_  
Jaime Chow  
Laboratory Director

JC/lc

COPY

# CHAIN OF CUSTODY RECORD

PROJ. NO.	SAMPLERS (Signature) <i>[Signature]</i>					ANALYSIS REQUESTED	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%; transform: rotate(-45deg);">TOTAL PETROLEUM HYDROCARBONS</div> <div style="width: 20%; transform: rotate(-45deg);">BTX</div> <div style="width: 20%; transform: rotate(-45deg);">VOC-EPA 824B</div> <div style="width: 20%; transform: rotate(-45deg);">TOTAL OIL &amp; GREASE</div> <div style="width: 20%; transform: rotate(-45deg);">TETRAETHYL LEAD</div> <div style="width: 20%; transform: rotate(-45deg);">SOLVENT</div> </div>				
PROJECT NAME AND ADDRESS: DUNNE PAINTS 41ST & ADELINE EMERYVILLE							REMARKS				
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION						
#1-3'	1/2/88		X		BORING #1-3'						ARCHIVE
#1-8'	1/2/88		X		BORING #1-8'				X		ARCHIVE
#1-10'	1/2/88		X		BORING #1-10'						ARCHIVE
#2	1/2/88	1130	X		BORING #2-9'				X		ARCHIVE
#3-6'	1/2/88	1023	X		BORING #3-6'						ARCHIVE
#3-10'	1/2/88	1255	X		BORING #3-10'				X		ARCHIVE
#3-14'	1/2/88	1115	X		BORING #3-14'						ARCHIVE
#4-6'	1/2/88	1150	X		BORING #4-6'						ARCHIVE
#4-10'	1/2/88	1215	X		BORING #4-10'				X		ARCHIVE
#5-6'	1/2/88	1305	X		BORING #5-6'						ARCHIVE
#5-10'	1/2/88	1320	X		BORING #5-10'				X		ARCHIVE
#6-6'	1/2/88	<del>1400</del> 1400	X		BORING #6-6'				X		ARCHIVE
#6-10'	1/2/88	1400	X		BORING #6-10'						ARCHIVE
RELINQUISHED BY: (Signature)				DATE	TIME	RECEIVED BY: (Signature)				DATE	TIME
<i>[Signature]</i>				1/12/88	1600	<i>[Signature]</i>				1-12-88	1600
RELINQUISHED BY: (Signature)				DATE	TIME	RECEIVED BY: (Signature)				DATE	TIME
<i>[Signature]</i>				1-12-88	1632	<i>[Signature]</i>				1/12/88	1633
RELINQUISHED BY: (Signature)				DATE	TIME	RECEIVED BY: (Signature)				DATE	TIME
RELINQUISHED BY: (Signature)				DATE	TIME	RECEIVED FOR LABORATORY BY: (Signature)				DATE	TIME



# CHAIN OF CUSTODY RECORD

PROJ. NO.	SAMPLERS: (Signature) <i>Nancy Quinn</i>					ANALYSIS REQUESTED					
PROJECT NAME AND ADDRESS: DUNNE PAINTS 41ST & ADELINE EMERYVILLE											
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TOTAL PETROLEUM HYDROCARBONS BTEX	VOC-EPA 8249	TOTAL OIL & GREASE	TETRAETHYL LEAD	SOLVENT	REMARKS
#8-6'	1/13/88	0915	X		BORING #8-6'					X	
#8-10'	1/13/88	0925	X		BORING #8-10'					X	
#9-6'	1/13/88	1013	X		BORING #9-6'					X	
#9-10'	1/13/88	1025	X		BORING #9-10'					X	
#10-6'	1/13/88	1110	X		BORING #10-6'					X	
#10-10'	1/13/88	1115	X		BORING #10-10'					X	ARCHIVE
#11-6'	1/13/88	1212	X		BORING #11-6'					X	
#11-10'	1/13/88	1237	X		BORING #11-10'					X	ARCHIVE
#12-6'	1/13/88	1320	X		BORING #12-6'					X	
#12-10'	1/13/88	1335	X		BORING #12-10'					X	
RELINQUISHED BY: (Signature) <i>Nancy Quinn</i>						DATE: 1/13/88	RECEIVED BY: (Signature) <i>[Signature]</i>				DATE: 1/13/88
RELINQUISHED BY: (Signature)						TIME: 1447	RECEIVED BY: (Signature)				TIME: 1448
RELINQUISHED BY: (Signature)						DATE: _____	RECEIVED BY: (Signature)				DATE: _____
RELINQUISHED BY: (Signature)						TIME: _____	RECEIVED FOR LABORATORY BY: (Signature)				TIME: _____

COPY