



**JAMES RIVER CORPORATION**

FLEXIBLE PACKAGING DIVISION/  
SAN LEANDRO PLANT  
2101 Williams Street, San Leandro, CA 94577 (415) 895-4300

89 DEC 12 AM 11:43

December 7, 1989

Mr. Larry Seto  
Dept. of Environmental Health  
Hazardous Materials Program  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Larry,

This is a follow up to my letter of October 30 to you concerning our remediation of solvent contaminated soil. As you can recall, we had discovered solvent contamination in soil in a hole excavated to remove underground pipes. These pipes connected three recently removed underground storage tanks to our production facility.

We hired Engineering Services, Inc., as consultants to direct our remediation. The remediation plan was to determine the horizontal and vertical extent of contamination using an organic vapor meter; then, excavate and dispose the dirt as necessary. This work was started during the week of November 13, 1989. The organic vapor meter showed an unexpected area and direction of solvent odor in the soil. This area was not centered under the pipeline at all, but extended off to one side in a south easterly direction. We then used a back hoe and dug approximately 8 feet to the south east. We found a thin layer of discolored dirt starting at a depth of about 1 foot and ending at a depth of about 1 1/2 feet. This soil was obviously not caused by a leak from a clear solvent pipeline. At this point, we ceased further excavation until we had more information.

James River instructed ESI to take physical borings to determine the extent of this discolored dirt. ESI subcontracted Mr. Thomas A. Stoflet, who is an Environmental Assessor, registered with the State of California. Mr. Stoflet performed boring checks on November 18 & 19. He submitted a report on November 27th to ESI, and they subsequently submitted it to James River Corp. He has determined that the affected soil is very localized to an area of about 560 square feet. This layer of dirt is sandwiched between gravel fill and asphalt on top and virgin clay beneath. The source of the discoloration appears to be from dried printing inks that were deposited on the ground in that area some time during the plants 40 years history.

Mr. Larry Seto  
December 7, 1989  
Page 2 of 2

Now that we know the extent, we intend to excavate and dispose this dirt at an appropriate Class I land fill. We will follow the same remediation plan as before. The only difference will be that the soil samples taken from the excavated areas will be checked for all priority pollutants. Once we have the soil sample analysis results, we will submit them to you for approval prior to back filling.

I have enclosed a site plan showing the area that is affected. Also a xerox showing a little more detail. Again, I would like to invite you or someone from your staff to visit our site. If you have questions, please contact me.

Sincerely,



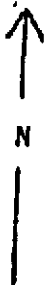
Bob Wenning  
Engineering Manager

BW:gd

Enclosures

cc: Bill Wilson  
Al Ringel

FLEXIBLE PACKAGING DIVISION  
2101 Williams St.  
San Leandro, CA



BUILDING

TANK HOLE

RAMP

56'

#9

#10

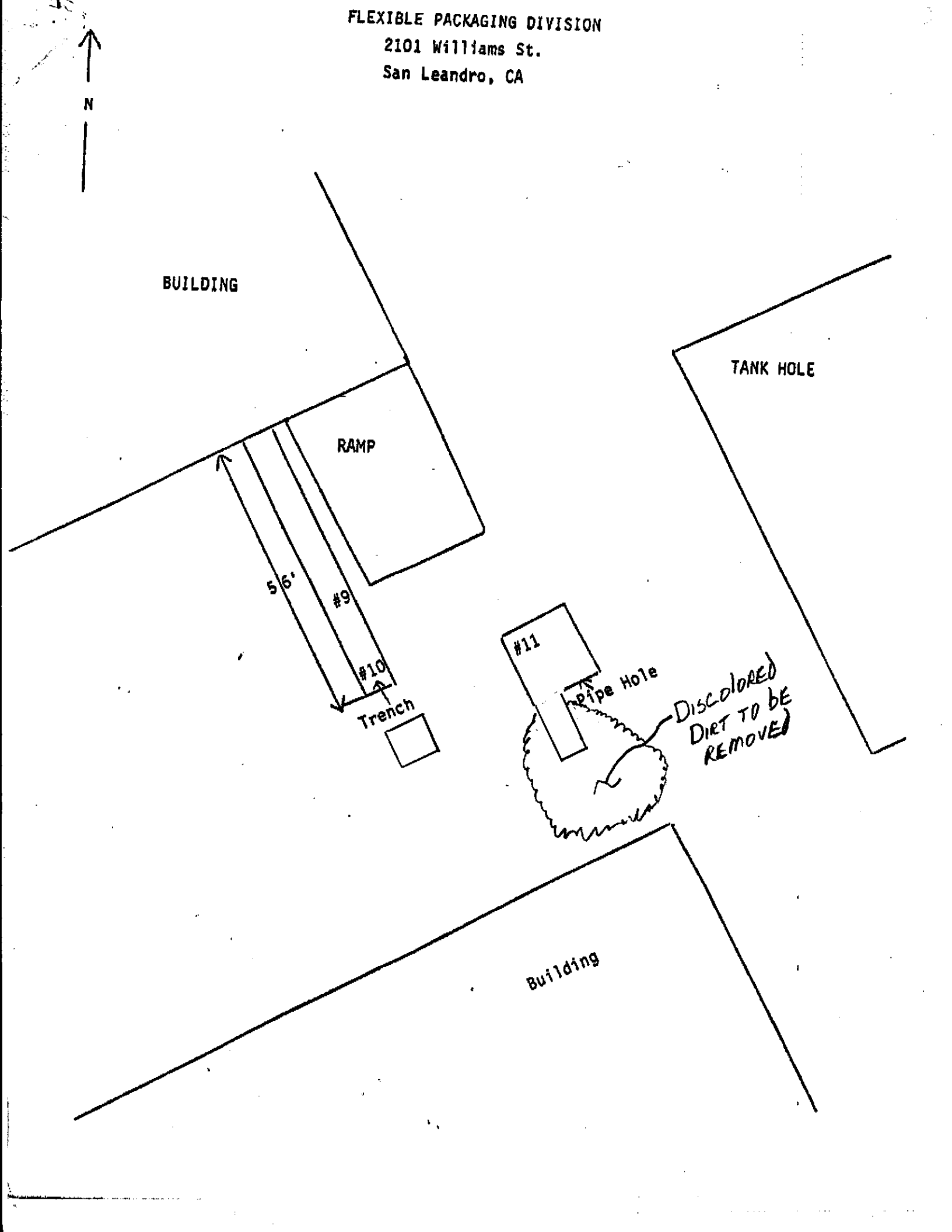
Trench

#11

Pipe Hole

DISCOLORED  
DIRT TO BE  
REMOVED

Building



May 23, 1986

Tank Excavators  
P. O. Box 8402  
Santa Cruz, CA 95061

Attention: Bob Smith

Re: Field sampling at

Crown Zellerbach  
2101 Williams St.  
San Leandro, CA

SAMPLING REPORT

Sampling was performed in accordance with approved methodology at the locations shown on the accompanying site diagram. The lab numbers assigned to the samples are given on the site diagram. Samples were collected in appropriate containers, which were sealed, chilled and transported to the laboratory for analysis. Analytical services were provided by with a separate report and billing invoice referencing their lab numbers.

Tanks

age -- unspecified

type -- one 6,000 gallon diesel  
three 10,000 gallon fuel oil  
one 5,000 gallon fuel oil

reason for removal -- discontinuation of on site storage

Reportage

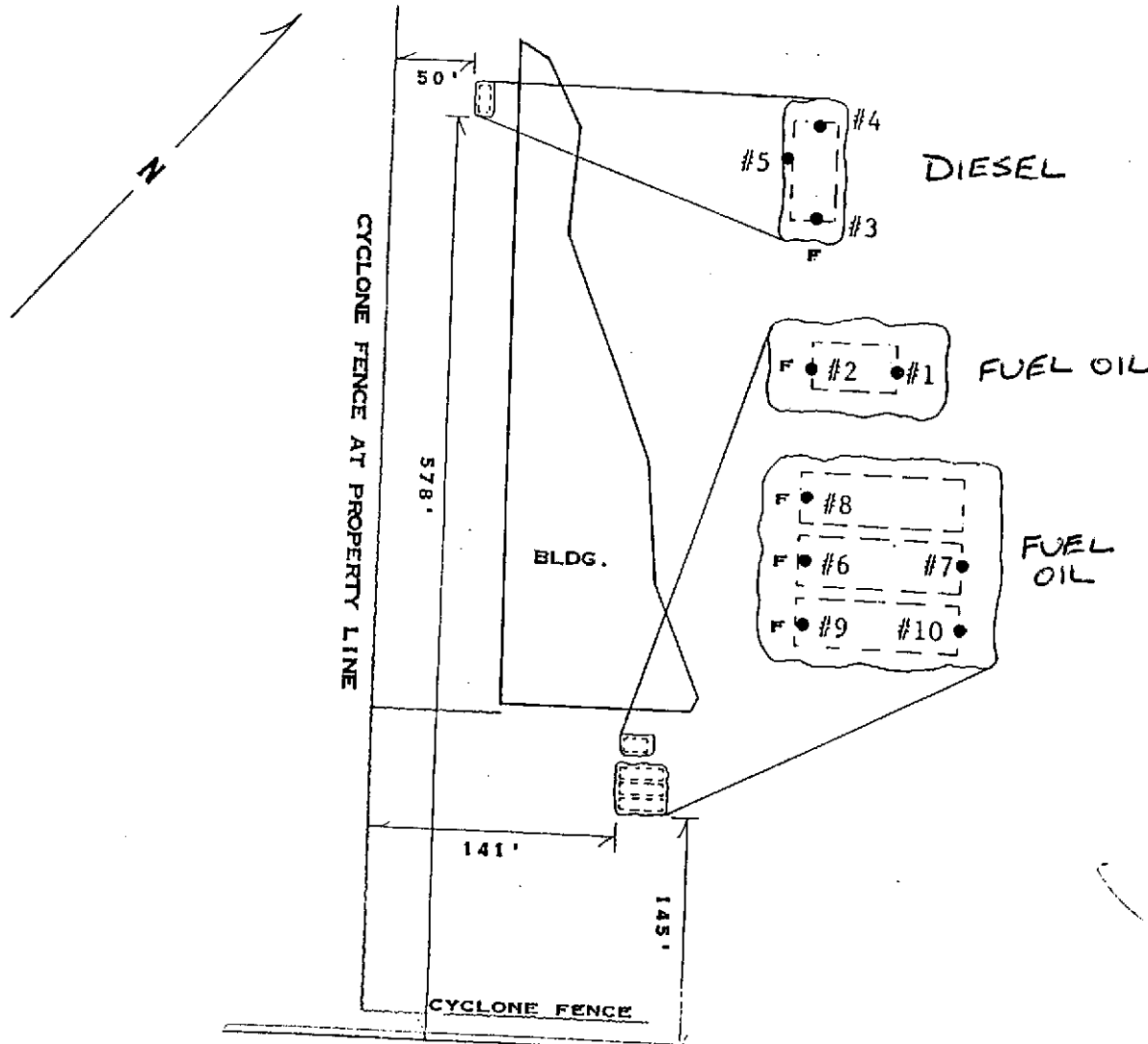
Submission to the Regional Water Quality Control Board and the Fire Department should include copies of both the sampling report and the laboratory report. The property owner should attach a cover letter and submit all documents together in a package.

BLAINE  
TECH SERVICES

SAMPLING REPORT 86133MI 5-13-86 TANK EXCAVATORS, 2101 WILLIAMS, SAN LEANDRO, CA

MAP REF: THOMAS BROS.  
ALAMEDA COUNTY  
P. 27 A-1

LEGEND: F = FILL PIPE



- #1 SOIL FROM 12' ANALYSIS FOR FUEL OIL AT SEQUOIA ANALYTICAL LABORATORY SEQUOIA LAB NO. 6050495
- #2 SOIL FROM 12' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050496
- #3 SOIL FROM 13' 2" ANALYSIS FOR DIESEL, ETHYL ALCOHOL AND ACETATES SEQUOIA LAB NO. 6050497
- #4 SOIL FROM 13' ANALYSIS FOR DIESEL, ETHYL ALCOHOL AND ACETATES SEQUOIA LAB NO. 6050498
- #5 SOIL FROM 12' ANALYSIS FOR DIESEL, ETHYL ALCOHOL AND ACETATES SEQUOIA LAB NO. 6050499
- #6 SOIL FROM 13' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050500
- #7 SOIL FROM 13' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050501
- #8 SOIL FROM 13' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050502
- #9 SOIL FROM 13' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050503
- #10 SOIL FROM 13' ANALYSIS FOR FUEL OIL SEQUOIA LAB NO. 6050504

SAMPLING PERFORMED BY  
HELEN MAWHINNEY  
DIAGRAM PREPARED BY  
TAMMIE STALLINGS

*Tammie Stallings*



SEQUOIA Analytical Laboratory

2549 Middlefield Road  
Redwood City, CA 94063 • (415) 364-9222

Blaine Tech Services  
P.O. Box 5745  
San Jose, CA 95150  
Attn: Richard Blaine

Date Sampled: 05/13/86  
Date Received: 05/13/86  
Date Reported: 05/27/86

<u>Sample Number</u>	<u>Sample Description</u>	<u>Fuel Oil</u> ppm
	BTS #86133M1, Soil Tank Excavators at 2101 Williams in San Leandro	
6050495	#1	< 1
6050496	#2	< 1
6050500	#6	< 1
6050501	#7	< 1
6050502	#8	< 1
6050503	#9	< 1
6050504	#10	< 1

NOTE: Analysis was performed using EPA method 8020.

SEQUOIA ANALYTICAL LABORATORY

*Arthur G. Burton for*

Arthur G. Burton  
Laboratory Director

sls



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P.O. Box 5745  
San Jose, CA 95150  
Attn: Richard Blaine

Date Sampled: 05/13/86  
Date Received: 05/13/86  
Date Reported: 05/27/86

Sample Number

6050497

Sample Description

BTS #86133M1, Soil  
Tank Excavators at  
2101 Williams in San Leandro  
#3

ANALYSIS

Diesel, ppm	< 1
Ethyl Alcohol, ppm	8400
Acetate, ppm	80

SEQUOIA ANALYTICAL LABORATORY

*Arthur G. Burton for*

Arthur G. Burton  
Laboratory Director

sis



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Date Sampled: 05/13/86  
Date Received: 05/13/86  
Date Reported: 05/27/86

Sample Number

6050498

Sample Description

BTS #86133MI, Soil  
Tank Excavators at  
2101 Williams in San Leandro  
#4

ANALYSIS

Diesel, ppm	< 1
Ethyl Alcohol, ppm	3300
Acetate, ppm	22

SEQUOIA ANALYTICAL LABORATORY

*Gary Stehr for*

Arthur G. Burton  
Laboratory Director

sls





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 Redwood City, CA 94063 • (415) 364-9222

Blaine Tech Services  
 P.O. Box 5745  
 San Jose, CA 95150  
 Attn: Richard Blaine

Date Sampled: 05/13/86  
 Date Received: 05/13/86  
 Date Reported: 05/27/86

Sample Number

6050499

Sample Description

BTS #86133M1, Soil  
 Tank Excavators at  
 2101 Williams in San Leandro  
 #5

ANALYSIS

Diesel, ppm	< 1
Ethyl Alcohol, ppm	7600
Acetate, ppm	50

SEQUOIA ANALYTICAL LABORATORY

*Arthur G. Burton for*

Arthur G. Burton  
 Laboratory Director

sls