

CONSULTING GEOSCIENTIST  
GEOLOGISTS AND ENGINEERS  
**ROUX ASSOCIATES**



1340 ARNOLD DRIVE  
SUITE 231  
MARTINEZ, CALIFORNIA 94553 415 370-2275 FAX # 415 370-2235

DATE: 8-23-90

TO: Mr. Gil Wistar

COMPANY: Alameda County

FAX NO.:

SPRINT #:

FROM: Paul Sugele

ROUX ASSOCIATES WEST, INC.

FAX NO.: 415-370-2235

NUMBER OF PAGES INCLUDING COVER SHEET: 6

DESCRIPTION: HARCOS / Pfizer Data

Client/Project HARCOCS / 1801 W

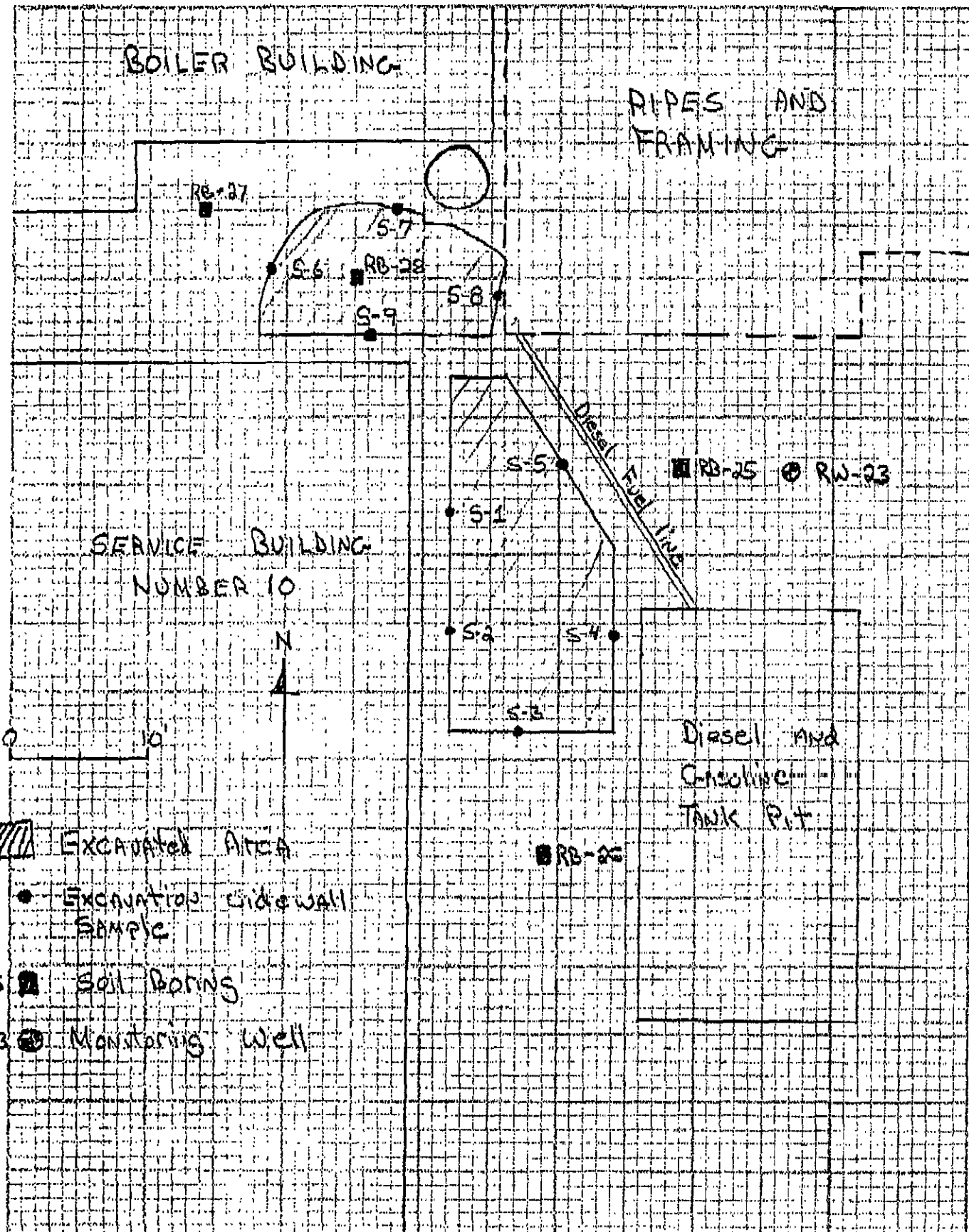
Page      of     

By PS Date 8-13-90

Project no.     

Checked by      Date     

Description Soil Sample Locations



Client/Project HARCROS 9801WPage      of     By PS Date 8-14-90Project no.     Checked by      Date     Description Soil Analyses

TABLE 1  
SOIL ANALYSES

HARCROS PISMENT'S MARSH  
EMERYVILLE, CALIFORNIA

Sample Number	Depth Sampled (ft)	Extractable Petroleum Hydrocarbons as Diesel DOHS Method (Mg/Kg)
S-1	4.3	ND
S-2	3.7	ND
S-3	4.2	45
S-4	4.5	330
S-5	4.2	2,300
S-6	4.1	ND
S-7	3.7	ND
S-8	4.3	75
S-9	4.0	ND

CS-1 ABC, D

CS-2 ABC, A

ND = Not Detected at or Above 10 Mg/Kg (RPM)



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 08/10/90

DATE REPORTED: 08/14/90


LAB NUMBER: 101360

CLIENT: ROUX ASSOCIATES

REPORT ON: 9 SOIL SAMPLES

PROJECT #: 19801W  
LOCATION: HARCROS DIESEL

RESULTS: SEE ATTACHED

  
-----  
QA/QC Approval

  
-----  
Final Approval

Berkeley

Wilmington

Los Angeles



LABORATORY NUMBER: 101360  
 CLIENT: ROUX ASSOCIATES  
 JOB #: 19801W  
 LOCATION: HARCROS DIESEL

DATE RECEIVED: 08/10/90  
 DATE EXTRACTED: 08/13/90  
 DATE ANALYZED: 08/14/90  
 DATE REPORTED: 08/14/90

Extractable Petroleum Hydrocarbons in Soils & Wastes  
 California DOHS Method  
 LUFT Manual October 1989

LAB ID	CLIENT ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING LIMIT (mg/Kg)
101360-1	S-1	4.3'	ND	10
101360-2	S-2	3.7'	ND	10
101360-3	S-3	4.2'	ND	10
101360-4	S-4	4.5'	45	10
101360-5	S-5	4.2'	330	10
101360-6	S-6	4.1'	2,300	100
101360-7	S-7	3.7'	ND	10
101360-8	S-8	4.3'	ND	10
101360-9	S-9	4.0'	75	10

ND = Not Detected at or above reporting limit.

**ROUX**

101360

**CHAIN OF CUSTODY**

No. 513

W

Consulting Ground-Water  
Geologists & Engineers  
**ROUX ASSOCIATES**

1340 ARNOLD DRIVE, SUITE 231  
MARTINEZ, CALIFORNIA 94553  
(415) 370-2275 FAX. (415) 370-2235

**ANALYSES**

PAGE OF

PROJECT NAME

Harcos Diesel

PROJECT NUMBER

19801W

PROJECT LOCATION

Emeryville, CA

SAMPLER(S):

GPM

T.H.-D

TOTAL BOTTLES

SAMPLE DESIGNATION/LOCATION	DATE COLLECTED	TIME COLLECTED								NOTES
S-1 4.3'	8-10-90	245	X							
S-2 3.7'	"	250	X							
S-3 4.2'	"	3.00	X							
S-4 4.5'	"	3.10	X							
S-5 4.2'	"	3.15	X							
S-6 4.1'	"	3.30	X							
S-7 3.7'	"	3.40	X							
S-8 4.3'	"	350	X							
S-9 4.0'	"	4.10	X							

RELINQUISHED BY: (SIGNATURE) FOR

*[Signature]*  
ROUX

DATE

8/10/90

TIME

1720

RECEIVED BY: (SIGNATURE) FOR

*[Signature]* W.H. C.T.

DATE

3/10/90

TIME

5:30

RELINQUISHED BY: (SIGNATURE) FOR

*[Signature]*  
ROUX

DATE

TIME

RELINQUISHED BY: (SIGNATURE) FOR

DATE

TIME

RELINQUISHED BY: (SIGNATURE) FOR

DATE

TIME

RELINQUISHED BY: (SIGNATURE) FOR

DATE

TIME

DELIVERY METHOD

COMMENTS

All 24 hrs T.A.T.