

PORT OF OAKLAND
ENVIRONMENTAL
DEPARTMENT
530 WATER STREET,
5TH FLOOR
OAKLAND, CA 94607
FAX (510) 465-3755
PHONE (510) 272-1174

FACSIMILE TRANSMITTAL	
TO	Alameda Co.
ATTENTION	Jennifer Ebele
FROM	Susan Gates
DATE & TIME	7/28
FAX NUMBER	337-9335
NO. OF PAGES	8

Jennifer:
Here are the results for the
APL Tank Removal that
occurred last Monday.



PORT OF OAKLAND

ALISTO ENGINEERING GROUP

FACSIMILE TRANSMISSION SHEET

DATE: July 28, 1995

TO: Susa Gates, Port of Oakland

FROM: Dale Swain

NUMBER OF PAGES INCLUDING THIS SHEET: 7

For review purposes, attached are laboratory results from the Monday tank pull and a figure showing sample locations. We are in discussion with the lab to provide a detectable concentration for BTEX of S-1. *APL Tank Removal*

Please call if you have any questions or need additional information.

ALISTO ENGINEERING GROUP
Phone (510) 295-1650
FAX (510) 295-1823

JUL -28' 95(FRI) 16:00 ALISTO ENGINEERING
JUL-28-1995 14:48 FROM PACE INCORPORATED

510 295 1823
TEL:510 295 1823 JUL 28 '95 03:12PM
TO 15102951823 P.01

July 28, 1995

Mr. Dale Swain
Alisto Engineering
1575 Treat Blvd.
Suite 201
Walnut Creek, CA 94598

RE: PACE Project Number: 702395
Client Project ID: PORT OF OAKLAND

Dear Mr. Swain:

Enclosed are the results of analyses for samples received on July 25, 1995. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stella V. Hantz
Project Manager

Enclosures

JUL -28' 95 (FRI) 16:00 ALISTO ENGINEERING
 JUL-28-1995 14:48 FROM PACE INCORPORATED

510 295 1823
 TEL: 510 295 1823 JUL 28 '95 03:12PM
 TO 15102951823 P.02

DATE: 07/25/95
 PAGE: 1

Allisto Engineering
 1575 Treat Blvd.
 Suite 201
 Walnut Creek, CA 94598

PACE Project Number: 702395
 Client Project ID: PORT OF OAKLAND

Attn: Mr. Dale Swain
 Phone: (510)295 1650

PACE Sample No: 70196002
 Client Sample ID: S-1

Date Collected: 07/25/95
 Date Received: 07/25/95

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
GC -- Volatiles								
GAS/BTEX by CA LUFT. Soil								
Benzene	ND	ug/kg	500	07/26/95	CA LUFT	ADS	71-43-2	
Toluene	ND	ug/kg	500	07/26/95	CA LUFT	ADS	108-88-3	
Ethyl Benzene	ND	ug/kg	500	07/26/95	CA LUFT	ADS	100-41-4	
Xylene (Total)	ND	ug/kg	1000	07/26/95	CA LUFT	ADS	1330-20-7	1
1,1,1-Trifluorotoluene (S)	102	%		07/26/95	CA LUFT	ADS	2164-17-2	
1-Bromotoluene (S)	108	%		07/26/95	CA LUFT	ADS	460-00-4	
GC								
TPH in Soil by 8015 Modified								
Diesel Fuel	2500	ug/kg	100	07/28/95	TPH by EPA 8015M	DLA		
n-Pentacosane (S)	0	%		07/28/95	TPH by EPA 8015M	DLA	629-99-2	2
Date Extracted				07/28/95				

JUL -28 '95(FRI) 16:00 ALISTO ENGINEERING
 JUL-28-1995 14:48 FROM PACE INCORPORATED

510 295 1823
 TEL:510 295 1823 JUL 28 '95 03:12PM
 TO 15102951823 P.03

DATE: 07/28/95
 PAGE: 2

PACE Project Number: 702395
 Client Project ID: PORT OF OAKLAND

PACE Sample No: 70196100
 Client Sample ID: 5-2

Date Collected: 07/25/95
 Date Received: 07/25/95

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CASH	Footnotes
GC -- Volatiles								
GAS/BTEX by CA LUFT, Soil								
Benzene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	71-43-2	
Toluene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	108-89-3	
Ethyl Benzene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	100-41-4	
Xylene (Total)	ND	ug/kg	2	07/27/95	CA LUFT	ADS	1330-20-7	
a,a,a-Trifluorotoluene (S)	107	g		07/27/95	CA LUFT	ADS	2164-17-2	
4-Bromofluorobenzene (S)	29	g		07/27/95	CA LUFT	ADS	460-00-4	
GC								
TPH in Soil by 8015 Modified								
Diesel Fuel	12	ug/kg	5	07/27/95	TPH by EPA 8015M	DIA		3
n-Pentacosane (S)	76	g		07/27/95	TPH by EPA 8015M	DIA	529-99-2	
Date Extracted				07/26/95				

JUL -28 '95 (PRI) 16:00 ALISTO ENGINEERING

510 295 1823
 TEL: 510 295 1823 JUL 28 '95 03:12PM

JUL-28-1995 14:48 FROM PACE INCORPORATED

TO 15102951823 P.04

DATE: 07/28/95
 PAGE: 3

PACE Project Number: 702395
 Client Project ID: PORT OF OAKLAND

PACE Sample No: 701861B
 Client Sample ID: S-3

Date Collected: 07/25/95
 Date Received: 07/25/95

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CASF	Footnotes
GC - Volatiles								
GAS/BTEX by CA LUFT, Soil								
Benzene	11	ug/kg	1	07/27/95	CA LUFT	ADS	71-43-2	
Toluene	8.1	ug/kg	1	07/27/95	CA LUFT	ADS	108-88-3	
Ethyl Benzene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	100-41-4	
Xylene (Total)	64	ug/kg	2	07/27/95	CA LUFT	ADS	1330-20-7	
m,m,m-Trifluorotoluene (S)	98	z		07/27/95	CA LUFT	ADS	2164-17-2	
4-Bromofluorobenzene (S)	117	z		07/27/95	CA LUFT	ADS	480-00-4	
GC								
TPH in Soil by 801B Modified								
Diesel Fuel	4600	ug/kg	500	07/27/95	TPH by EPA 8015M	DLA		
n-Pentacosane (S)	0	z		07/27/95	TPH by EPA 8015M	DLA	629-99-2	4
Date Extracted				07/27/95				

JUL -28' 95 (FRI) 16:00 ALISTO ENGINEERING
 JUL-28-1995 14:49 FROM PACE INCORPORATED

510 295 1823
 TEL: 510 295 1823 JUL 28 '95 03:12PM
 TO 15102951823 P.05

DATE: 07/28/95
 PAGE: 4

PACE Project Number: 702395
 Client Project ID: PORT OF OAKLAND

PACE Sample No: 70196126
 Client Sample ID: S-4

Date Collected: 07/25/95
 Date Received: 07/25/95

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
GC -- Volatiles								
GAS/TECH by CA LUFT. Soil								
Benzene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	71-43-2	
Toluene	1	ug/kg	1	07/27/95	CA LUFT	ADS	108-88-3	
Ethyl Benzene	ND	ug/kg	1	07/27/95	CA LUFT	ADS	100-41-4	
Xylene (Total)	ND	ug/kg	2	07/27/95	CA LUFT	ADS	1330-20-7	
1,2,4-Trifluorotoluene (S)	108	z		07/27/95	CA LUFT	ADS	2164-17-2	
4-Bromofluorobenzene (S)	96	z		07/27/95	CA LUFT	ADS	460-00-4	
GC								
TPH in Soil by 8015 Modified								
Diesel Fuel	17	ug/kg	5	07/27/95	TPH by EPA 8015M	DLA		6
n-Pentacosane (S)	0	z		07/27/95	TPH by EPA 8015M	DLA	629-99-2	6
Date Extracted				07/27/95				

JUL -28' 95 (FRI) 16:01 ALISTO ENGINEERING
JUL-28-1995 14:49 FROM PACE INCORPORATED

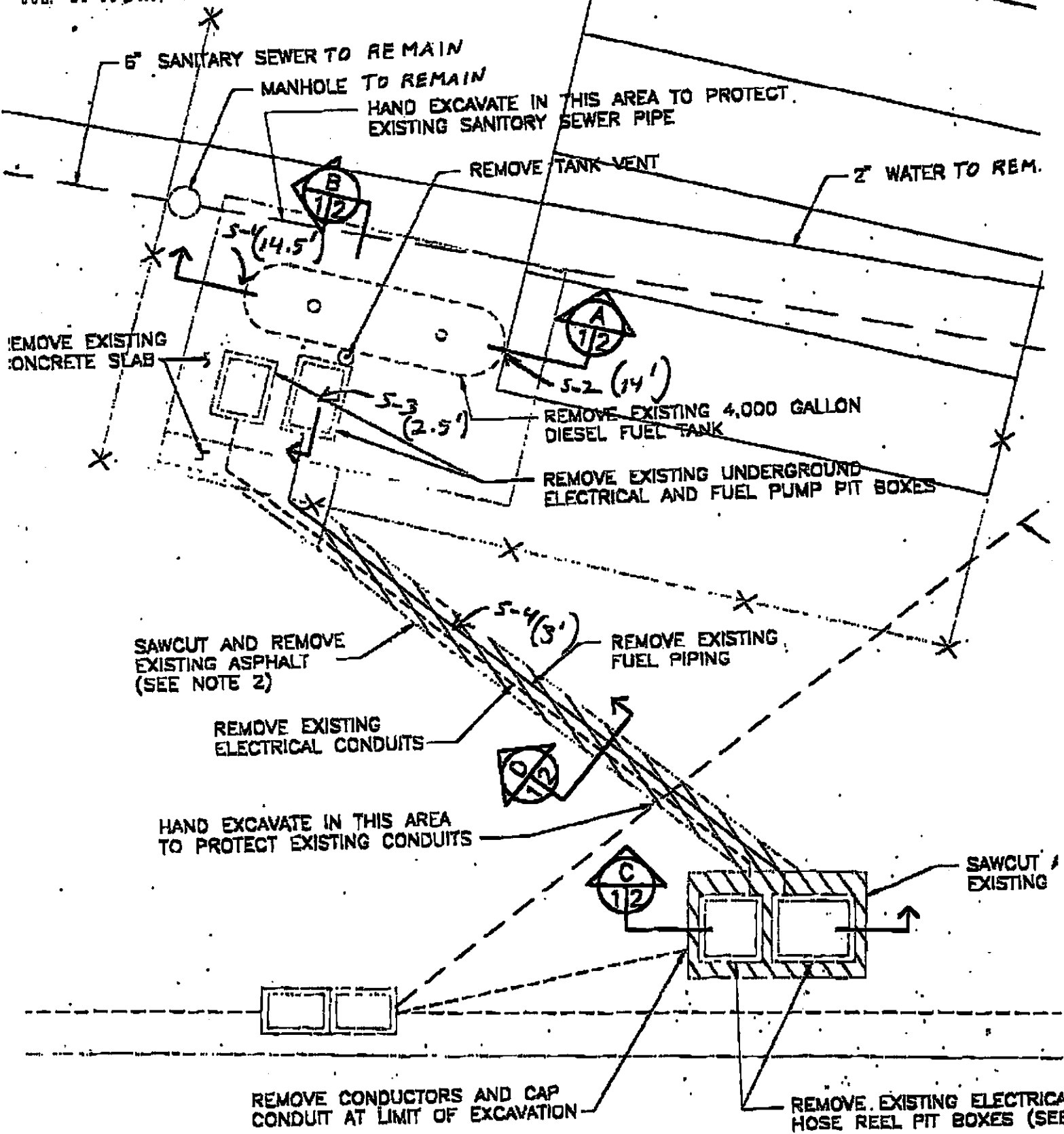
510 295 1823
TEL: 510 295 1823 JUL 28 '95 03:12PM
TO 15102951823 P.06

DATE: 07/28/95
PAGE: 5

PACE Project Number: 702395
Client Project ID: PORT OF OAKLAND

PARAMETER FOOTNOTES

- ND Not Detected
- NC Not Calculable
- PRL PACE Reporting Limit
- (S) Surrogate
- [1] Sample diluted due to high levels of hydrocarbons
- [2] The surrogate could not be quantitated due to sample dilution.
- [3] Diesel is present along with late hydrocarbons greater than C25.
- [4] The surrogate could not be quantitated due to sample dilution.
- [5] Late hydrocarbons greater than C25 are present. No diesel pattern is seen.
- [6] The surrogate could not be quantitated due to matrix interference.



SITE PLAN

SCALE: 1" = 10'