

# Epigene International

38750 Paseo Padre Parkway, Suite A-11  
Fremont, CA 94536  
Phone: 510-791-1986  
Fax: 510-791-3306

## FAX

Date: 8/22/96

To: Ms. Jennifer Eberle  
Alameda Co. Dept. of Environmental Health

From: John Alt

Number of Pages (Including Cover): 8

Subject: Truckers Friend Site  
1395 W. 7<sup>th</sup> Street, Oakland

Notes:

Results of analysis from the samples collected in the pit  
Additional excavation will probably be required. Do you want 8010/8240 on existing samples or samples collected after over excavation?

cc: Mr. James Brinker

<b>McCAMPBELL ANALYTICAL INC.</b>	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
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Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-169: 1395 West 7th Street, Oakland	Date Sampled: 08/19/96
	Client Contact: John Alt	Date Received: 08/20/96
	Client P.O.:	Date Extracted: 08/20/96
		Date Analyzed: 08/20/96

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline\*, with Methyl tert-Butyl Ether\* & BTEX\*  
 #PA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)**

Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
68105	S-1	S	57,g	ND	ND	ND	ND	0.058	102
68106	S-2	S	40,g	ND	ND	0.006	0.009	0.097	102
68107	SP-1,2,3,4	S							
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	50 ug/L	5.0	0.5	0.5	0.5	0.5	0.5	
	S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	0.005	

\* water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP extracts in mg/L

# cluttered chromatogram; sample peak coelutes with surrogate peak

\* The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant (aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

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Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-169; 1395 West 7th Street, Oakland	Date Sampled: 08/19/96
	Client Contact: John Alt	Date Received: 08/20/96
	Client P.O.:	Date Extracted: 08/20/96
		Date Analyzed: 08/20/96

**Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel \***  
 EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

*bottom wall*

Lab ID	Client ID	Matrix	TPH(d) <sup>†</sup>	% Recovery Surrogate
68105	S-1	S	200.e.g	101
68106	S-2	S	800.g.e	100
68107	SP-1,2,3,4	S		
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

\* water samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP and STLC extracts in mg/L

† cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

‡ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (kerosene ?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

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Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-169; 1395 West 7th Street, Oakland	Date Sampled: 08/19/96
	Client Contact: John Alt	Date Received: 08/20/96
	Client P.O.:	Date Extracted: 08/20/96
		Date Analyzed: 08/20/96

**Total Recoverable Petroleum Hydrocarbons as Oil & Grease (with Silica Gel Clean-up) by Scanning IR Spectrometry\***

EPA method 418.1 or 9073; Standard Methods 5520 C&F

which is it?

Lab ID	Client ID	Matrix	TRPH <sup>+</sup>	% Recovery Surrogate
68105	S-1	S	680	---
68106	S-2	S	6700	---
68107	SP-1,2,3,4	S		
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		1.0 mg/L	
	S		10 mg/kg	

\* water samples are reported in mg/l. and soils and sludges in mg/kg

# surrogate diluted out of range or not applicable to this sample

+ At the laboratory's discretion, one positive sample may be run by direct injection chromatography with FID detection. The following comments pertain to this GC result: a) gasoline-range compounds (C6-C12) are present; b) diesel range compounds (C10-C23) are present; c) oil-range compounds (> C18) are present; d) other patterned solvent (?); e) isolated peaks; f) GC compounds are absent or insignificant relative to TRPH inferring that complex biologically derived molecules (lipids?) are the source of IR absorption; h) a lighter than water immiscible sheen is present; i) liquid sample that contains greater than - 5 vol. % sediment.

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Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-169; 1395 West 7th Street, Oakland	Date Sampled: 08/19/96
	Client Contact: John Alt	Date Received: 08/20/96
	Client P.O.:	Date Extracted: 08/20/96
		Date Analyzed: 08/20/96

**LUFT Metals**  
EPA analytical methods 6010/200.7, 239.2

Lab ID	Client ID	Matrix	Extraction <sup>a</sup>	Cadmium	Chromium	Lead	Nickel	Zinc	% Rec. Surrogate
68105	S-1	S	TTLC	ND	26	4.0	17	14	103
68106	S-2	S	TTLC	ND	27	210	24	490	108
68107	SP-1,2,3,4	S	TTLC						
Reporting Limit unless otherwise stated: ND means not detected above the reporting limit	S	TTLC	0.5 mg/kg	0.5	3.0	2.0	1.0		
	W	TTLC	0.005 mg/L	0.005	0.005	0.05	0.05		
	---	STLC,TCLP	0.01 mg/L	0.05	0.2	0.05	0.05		

<sup>a</sup> soil samples and sludge are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

<sup>a</sup> Lead is analyzed using EPA method 6010 (ICP) for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

<sup>c</sup> EPA extraction methods 1311(TCLP), 3010/3020(water, TTLC), 3040(organic matrices, TTLC), 3050(solids, TTLC); STLC from CA Title 22

<sup>a</sup> surrogate diluted out of range; N/A means surrogate not applicable to this analysis

<sup>b</sup> reporting limit raised due matrix interference

1) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodology and can significantly effect reported metal concentrations

DHS Certification No. 1644  Edward Hamilton, Lab Director

Aug-22-96 07:42A John N. ALT (510) 791-3306 P.06

7022AEI97

# CHAIN OF CUSTODY



## Epigene International

CONSULTING GEOLOGISTS

38750 Paseo Padre Parkway, Suite A-11  
Fremont, California, 94536

Business: (510) 791-1988 FAX: (510) 791-3306

Laboratory: McCampbell Analytical
110 2nd Avenue South, D-7
Pacheco, California 94553.
telephone: (510) 798-1620 FAX: (510) 798-1622
Contact: Ed Hamilton

Contact: Jack Alt	Sampler: Alike D.
Project Name: 1395 West 7th Street, Oakland	
Project no. 96-189	Date: August 17, 1996

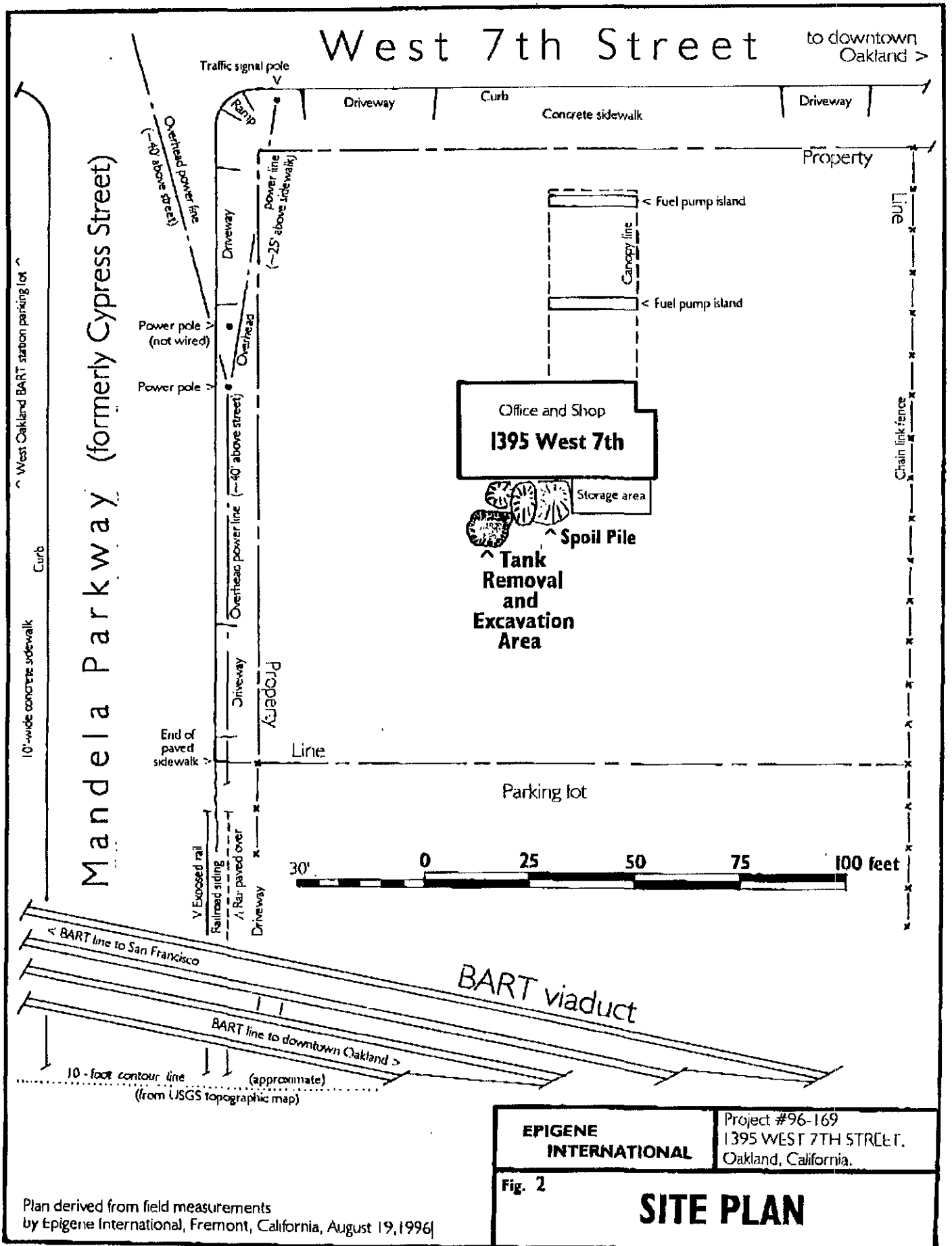
Sample I.D.	Date/Time Sampled	Matrix Desc.	Container No. of	Type	Comments	Analytes Requested										Lab. #	
						TPH/Gasoline	BTEX	TPH/Diesel	801/8010	802/8020	Total Oil & Grease	5 PAHs	MTBE				
1. S-1	Aug 19, 12:00 PM	Soil	1	brass tube		X	X	X			X	X	X				68105
2. S-2	" "	"	"	"		X	X	X			X	X	X				68106
3. SP-1	Aug 17, 8:30 AM	"	"	"	Composite 4 to 1												
4. SP-2	" "	"	"	"		X	X	X			X	X	X				68107
5. SP-3	Aug 19, 12:30 PM	"	"	"													
6. SP-4	" "	"	"	"													
7.																	
8.		ICET															
9.		REFLECTION															
10.		REFLECTION															

Relinquished by: <i>[Signature]</i>	Date: 8/20/96	Time: 1:25	Received by: <i>[Signature]</i>	Date: 8/20/96	Time: 1:25
Relinquished by: <i>[Signature]</i>	Date: 8-20-96	Time: 2:30P	Received by: <i>[Signature]</i>	Date: 8-20-96	Time: 2:30pm
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Turnaround Time: rush on S-1, S-2; standard on composite

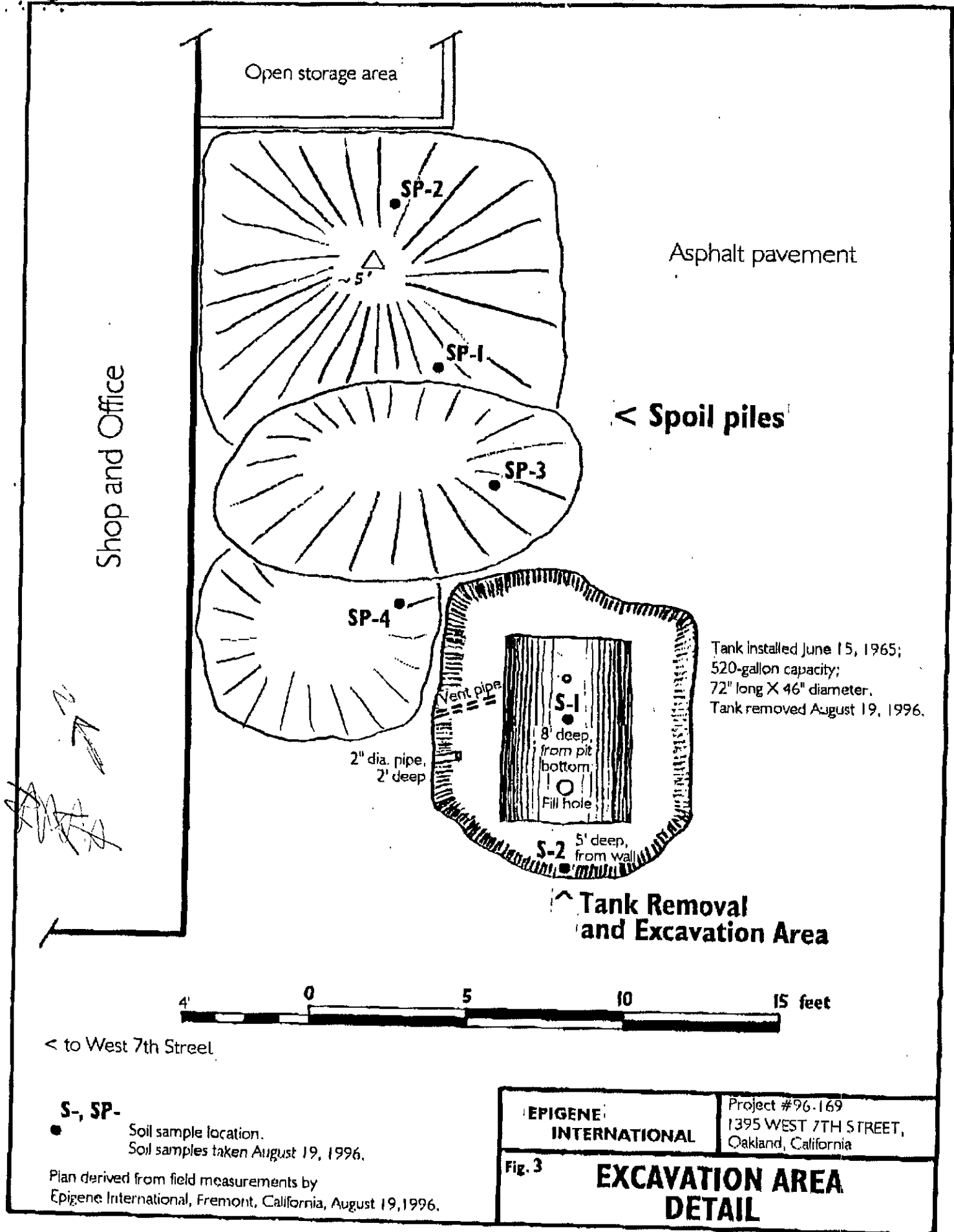
Additional Comments: O&G by 5520

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<b>EPIGENE INTERNATIONAL</b>	Project #96-169 1395 WEST 7TH STREET, Oakland, California.
<b>Fig. 2</b> <div style="text-align: right; font-size: 1.5em; font-weight: bold;">SITE PLAN</div>	

Plan derived from field measurements  
 by epigene International, Fremont, California, August 19, 1996



Open storage area

Asphalt pavement

Shop and Office

< Spoil piles

Tank installed June 15, 1965;  
520-gallon capacity;  
72" long X 46" diameter.  
Tank removed August 19, 1996.

Tank Removal  
and Excavation Area



< to West 7th Street

S-, SP-

Soil sample location.  
Soil samples taken August 19, 1996.

Plan derived from field measurements by  
Epigene International, Fremont, California, August 19, 1996.

EPIGENE  
INTERNATIONAL

Project #96.169  
1395 WEST 7TH STREET,  
Oakland, California

Fig. 3

EXCAVATION AREA  
DETAIL



# Epigene International

38750 Paseo Padre Parkway, Suite A-11  
Fremont, CA 94536  
Phone: 510-791-1986  
Fax: 510-791-3306

**FAX**

Date: 9/3/96

To: Jennifer Eberle  
Alameda Co. Dept. of Environmental Health

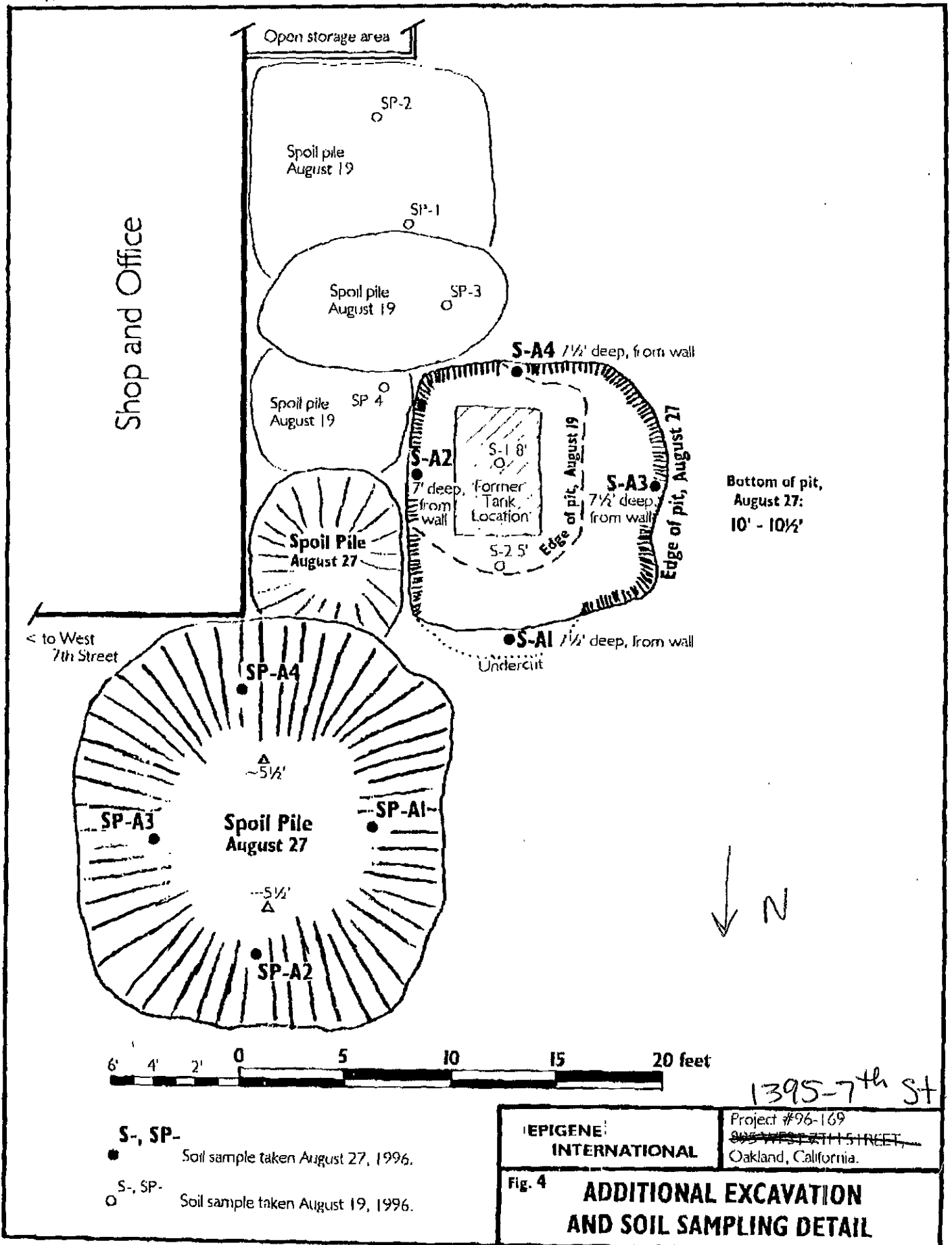
From: John Alt

Number of Pages (Including Cover):

Subject: Results of Analysis  
Trucker's Friends, 1395 W. 7<sup>th</sup>

Notes: Street, Oakland

Please call when you get a chance re this site and site located at 820 Isabella Street, Oakland



<b>McCAMPBELL ANALYTICAL INC.</b>	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
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1395 7th

<b>Epigene International</b> 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-169, 895 West 7th Street, Oakland	Date Sampled: 08/27/96
	Client Contact: John Alt	Date Received: 08/28/96
	Client P.O.	Date Extracted: 08/28/96
		Date Analyzed: 08/28/96

**Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline<sup>a</sup>, with Methyl tert-Butyl Ether<sup>a</sup> & BTEX<sup>a</sup>**  
 EPA methods 5030, modified 8015, and 8020 or 602; California RWOCB (SF Bay Region) method GC/FID(5030)

Lab ID	Client ID	Matrix	TPH(g) <sup>†</sup>	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
68390	W-1	W	65,gh	---	ND	ND	ND	ND	99
68391	S-A1	S	ND	---	ND	ND	ND	ND	104
68392	S-A2	S	3.7,g	---	ND	ND	ND	0.008	99
68393	S-A3	S	ND	---	ND	ND	ND	ND	104
68394	S-A4	S	180,g	---	ND	0.035	ND	0.30	98
68395	SP-A1,2,3,4	S	28,g	---	ND	0.016	ND	0.027	100
<b>Reporting Limit unless otherwise stated; ND means not detected above the reporting limit</b>		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

<sup>\*</sup> water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP extracts in mg/L

<sup>#</sup> cluttered chromatogram; sample peak coelutes with surrogate peak

<sup>†</sup> The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.







# CHAIN OF CUSTODY 7069 AEI 100

Laboratory: **McC Campbell Analytical**  
 110 2nd Avenue South, D-7  
 Pacheco, California 94553.  
 telephone: (510) 798-1620 FAX: (510) 798-1622  
 Contact: **Ed Hamilton**



## Epigene International

CONSULTING GEOLOGISTS

38750 Paseo Padre Parkway, Suite A-11  
 Fremont, California, 94538

Business: (510) 791-1886 FAX: (510) 791-3306

Contact: **Jack Alt** Sampler: **Jack/Julie**  
 Project Name: **895 West 7th Street, Oakland**  
 Project no. **96-169** Date: **August 27, 1996**

Sample I.D.	Date/Time Sampled	Matrix Desc.	Container		Comments	Analytes Requested							Lab. #	
			No. of	Type		TPH/Gasoline	STEX	TPH/Diesel	601/6070	602/6020	Total #5520 Oil & Grease	Total Lead		
1. S-A1	Aug 27 <sup>40</sup> AM	soil	1	brass tube		✓	✓	✓			✓	✓		68391
2. S-A2	" ~1015 AM	"	"	"		✓	✓	✓			✓	✓		68392
3. S-A3	" ~1130 AM	"	"	"		✓	✓	✓			✓	✓		68393
4. S-A4	" ~1130 AM	"	"	"		✓	✓	✓			✓	✓		68394
5. SP-A1	" ~1230 PM	"	"	"		✓	✓	✓			✓	✓		68395
6. SP-A2	" ~1230	"	"	"	4 into 1	✓	✓	✓			✓	✓		
7. SP-A3	" ~1230	"	"	"	composite	✓	✓	✓			✓	✓		
8. SP-A4	" ~1230	"	"	"										
9.														
10.														

Relinquished by: <b>M. Djugay</b>	Date: <b>8/27/96</b>	Time: <b>4:00 PM</b>	Received by: <b>J. Castillo #680</b>	Date: <b>8/27</b>	Time: <b>4 PM</b>
Relinquished by: <b>J. Castillo</b>	Date: <b>8/27</b>	Time: <b>4:25 PM</b>	Received by: <b>J. Castillo #601</b>	Date: <b>8/28</b>	Time: <b>7:00 AM</b>
Relinquished by: <b>J. Castillo #601</b>	Date: <b>8/28</b>	Time: <b>9:00 AM</b>	Received by: <b>W. Rivas</b>	Date: <b>8/28</b>	Time: <b>9:00</b>

Turnaround Time: **Normal**

Additional Comments: \_\_\_\_\_

ICEP  PRESERVATIVE   
 GOOD CONDITION  APPROPRIATE   
 LEAD SPACE ABSENT  CONTAINER FPS

Page 1 of 2

# CHAIN OF CUSTODY 7069AEI 100



## Epigene International

CONSULTING GEOLOGISTS

38750 Paseo Padre Parkway, Suite A-11  
Fremont, California, 94538

Business: (510) 791-1988 FAX: (510) 791-3306

Laboratory: <b>McCampbell Analytical</b>
110 2nd Avenue South, D-7
Pacheco, California 94553.
Telephone: (510) 798-1620 FAX: (510) 798-1622
Contact: <b>Ed Hamilton</b>

Contact: <b>Jack Alt</b>	Sampler:
Project Name: <b>895 West 7th Street, Oakland</b>	
Project no. <b>96-169</b>	Date: <b>August 27, 1996</b>

Sample I.D.	Date/Time Sampled	Matrix Desc.	Container No. of	Type	Comments	Analytes Requested							Lab. #			
						TPH/Gasoline	BTEX	TPH/Diesel	801/8010	802/8020	Total # 8010 Oil & Grease					
+ 1. W-1	Aug 27 <sup>12:25</sup> PM	Water	5	VOA		✓	✓									
+ 2. W-1	" "	Water	2	Cyber Titer			✓			✓						68390
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

ICE/T  
GOOD CONDITION  
HEADSPACE ABSENT

PRESENTING  
APPROPRIATE  
CONTAINERS

NOISY  
MIS  
FRIGHTENED

pics for OAD upon received

Relinquished by: <b>W. J. Young</b>	Date: <b>8/27/96</b>	Time: <b>1:00 PM</b>	Received by: <b>J. Castillo #682</b>	Date: <b>8/27</b>	Time: <b>4 PM</b>
Relinquished by: <b>J. Castillo</b>	Date: <b>8/27</b>	Time: <b>4:25 PM</b>	Received by: <b>James Field #601</b>	Date: <b>8/28</b>	Time: <b>7:00 PM</b>
Relinquished by: <b>James Field #601</b>	Date: <b>8/28</b>	Time: <b>9:06 AM</b>	Received by: <b>Wanda Pavia</b>	Date: <b>9/28</b>	Time: <b>9:08</b>

Turnaround Time: **Normal**

Additional Comments: **Hold extra VOAs in event of needed testing for 8010**

Sep-03-96 10:44A John N. Alt (510) 791-3306 P.08