

February 26, 1998

Mr. Larry Seto

Senior Hazardous Materials Specialist

Alameda County Health Care Services Agency

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

SUBJECT:

801 MARITIME STREET

OAKLAND, CALIFORNIA

STID #3780

Dear Mr. Seto:

The Port of Oakland herein submits a report titled "Groundwater Monitoring and Sampling Report, 801 Maritime Street, Oakland, California", dated November 7, 1997 prepared on the behalf of the Port by Innovative Technical Solutions Inc. The report addresses groundwater monitoring and sampling in September 1997 of a single monitoring well located at a former underground storage tank site designated by Alameda County as 801 Maritime Street

If you have any questions regarding the report, please contact me at 272-1373.

Sincerely,

John Prall, R.G.

Associate Environmental Scientist

Enclosure

cc: Neil Werner

INNOVATIVE TECHNICAL SOLUTIONS, Inc.

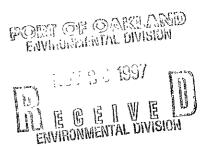


November 7, 1997

Project No. 95-113.22

Mr. John Prall Associate Environmental Scientist Port of Oakland 530 Water Street Oakland, California 94607

Groundwater Monitoring and Sampling Report 801 Maritime Street Oakland, California (Work Order No. 202863)



Dear Mr. Prall:

This Groundwater Monitoring and Sampling Report has been prepared by Innovative Technical Solutions, Inc. (ITSI) on behalf of the Port of Oakland for monitoring well repair and resurvey work and groundwater monitoring and sampling activities performed during the period of August to September 1997 at the 801 Maritime Street site in Oakland, California. A site location map is shown on Figure 1.

The scope of work included replacing the well box for monitoring well MW-1, resurveying the wellhead for vertical elevation, and monitoring and sampling the well. The monitoring well is located in the vicinity of three former underground storage tanks previously removed from the site in February 1989; two 10,000-gallon tanks (CF-06 and CF-35), and a 20,000-gallon tank (CF-07).

WELL REPAIR AND RESURVEYING

At the request of the Port of Oakland, the wellhead for monitoring well MW-1 was adjusted flush with current grade surface and resurveyed for vertical elevation as a result of onsite redevelopment activities, including regrading and repaving in the vicinity of MW-1.

On August 27, 1997, Exploration Drilling Services cut the top of the well casing and enclosed the wellhead with a heavy-duty, traffic-rated Emco-Wheaton well box set in concrete and placed flush with the surrounding grade surface. The wellhead was capped with a 2-inch locking compression well cap and locked.

On September 30, 1997, monitoring well MW-1 was surveyed for vertical elevation and horizontal location by PLS Surveys, Inc., a California-licensed land surveyor. The vertical elevation was surveyed relative to the Port of Oakland datum, which is 3.2 feet below mean sea level! The horizontal location was surveyed relative to fixed site features (i.e. yard light poles). Surveying results are shown on the survey map included in Attachment A. Recent changes to site features and adjacent Petroleum Street are shown on the revised site map in Figure 2.

SAMPLING OF MONITORING WELL

The groundwater monitoring and sampling was performed on September 30, 1997. The monitoring well was initially gauged for depth to water and checked for the presence of separate phase hydrocarbons. No separate phase hydrocarbons were observed in the monitoring well. The depth to water measurement was recorded on a Monitoring Well Purge and Sample Form. A Copy of the Monitoring Well Purge and Sample Form is provided in Attachment B.

After the depth to water measurement was recorded, the monitoring well was purged using a clean disposable bailer. Approximately three casing volumes of water were removed, or until pH, conductivity, and temperature readings stabilized indicating formation water had entered the monitoring well. Field parameters were recorded on the Monitoring Well Purge and Sample Form.

A groundwater sample was collected from the monitoring well using the disposable bailer and placed into laboratory provided containers. The sample containers were properly labeled with the sample number, date and time of collection, and samplers' initials, and were placed on ice in an insulated cooler. Purge water was placed in a properly labeled drum and stored at the nearby Port of Oakland designated storage area on 7th Street.

The above field activities were performed in accordance with the site-specific Health and Safety Plan for groundwater monitoring activities at the site.

ITSI

95-113.22/L/Prail-QuRpt(9/97)

¹ The results of the new survey appear to indicate that the previous survey and subsequent groundwater elevation data may have been referenced to mean sea level (MSL) and not the Port of Oakland datum, which is 3.2 feet below MSL. Previous groundwater elevation data have been adjusted in Table 1 to reflect this change.

MONITORING WELL GROUNDWATER LEVEL

Depth to water data is summarized in Table 1, and Figure 2 shows the groundwater elevation.. The groundwater elevation was calculated using the measured depth to water and new survey elevation of top of casing (relative to the Port of Oakland datum) provided in Table 1.

The groundwater gradient for the site could not be determined. It is our understanding that the monitoring wells at the nearby Berth 24 were abandoned. Consequently, these wells can no longer be used to determine groundwater gradient.

LABORATORY ANALYSIS OF GROUNDWATER SAMPLE

The sample was sent under chain-of-custody procedures to Pace Analytical in Petaluma, California, the current Port of Oakland contract laboratory. The samples were analyzed according to the following schedule:

Monitoring Well		Analy	yses	
I.D.	TPHg ⁽¹⁾	BTEX ⁽²⁾	TPHd ⁽³⁾	TDS ⁽⁴⁾
MW-I	х	x	x	x

⁽¹⁾ TPH as gasoline by Modified EPA Method 8015.

The laboratory results for the groundwater sample are summarized in Table 2, and are shown in Figure 2. Copies of the laboratory results, chromatograms and chain-of-custody are provided in Attachment C.

FINDINGS

Results of the September 30, 1997 groundwater monitoring and sampling of MW-1 are summarized below2:

- TPHg was reported at a concentration of 190 µg/l.
- Benzene, toluene, ethylbenzene and xylenes were reported at concentrations of $35 \mu g/l$, $17 \mu g/l$, $5.2 \mu g/l$ and $22 \mu g/l$, respectively.
- TPHd was reported at a concentration of 830 μg/l.
- TDS was reported at a concentration of 2,020 mg/l.

95-113 22/L/Prall-QtrRpt(9/97)

⁽²⁾ Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 602.

⁽¹⁾TPH as diesel by Modified EPA Method 8015 with silica gel cleanup procedure.

⁽⁴⁾ Total dissolved solids by EPA Method 160.1.

² Laboratory results represent the highest concentrations reported for either the sample or field duplicate sample.

Please give us a call if you have any questions or comments.

Sincerely,

Jim Schollard

Environmental Scientist

Jeffrey D. Hess, R.G. Project Director

Attachments

TABLE 1
GROUNDWATER ELEVATIONS
801 MARITIME STREET
OAKLAND, CALIFORNIA

Monitoring Well ID	Elevation of Top of Casing (feet)	Date of Monitoring	Measured Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Note
MW-1	13.81	07/10/96	7.36	-	6.45 (3.25)	1,2
	(10.61)	12/27/96	7.55	<u>-</u>	6.26 (3.06)	2
		03/25/97	7.31	-	6.50 (3.30)	2
		06/23/97	7.55	-	6.26 (3.06)	2
	13.55	09/30/97	7.46		6.09	3

- 1. Data from Table 2, Summary of Results of Groundwater Sampling, Port of Oakland Tanks CF-06, CF-07, and CF-35, 801 Maritime Street, Oakland, California, dated August 7, 1996, by Alisto Engineering Group.
- 2. Elevation data corrected relative to Port of Oakland datum; elevation data in parentheses referenced to mean sea level.
- 3. Top of easing cut and resurveyed on September 30, 1997 relative to Port of Oakland datum.

TABLE 2
SUMMARY OF LABORATORY RESULTS
801 MARITIME STREET
OAKLAND, CALIFORNIA

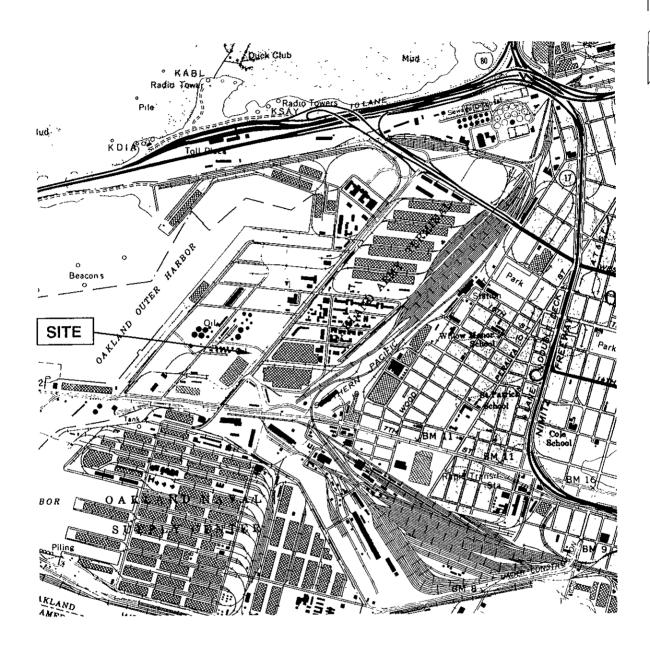
Monitoring Well ID	Date of Sampling	TPHg (μg/l)	Benzene (µg/l)	Toluene (μg/l)	Ethyl- benzene (µg/l)	Xylenes (μg/l)	TPHd (µg/l)	TDS (mg/l)	Note
MW-I	07/10/96	180	27	14	5.4	23	7,100		1
	12/27/96	180	30	15	5.8	26	670	-	
	03/25/97	180	21	11	4.0	17	190	1,840	
	06/23/97	170	20	11	4.1	18	3,000	1,320	
	09/30/97	190	35	17	5.2	22	830	2,020	2

- Data from Table 2, Summary of Results of Groundwater Sampling, Port of Oakland Tanks CF-06, CF-07, and CF-35, 801 Maritime Street, Oakland, California, dated August 7, 1996, by Alisto Engineering Group.
- 2. Laboratory results represent the highest concentrations reported for either the sample or field duplicate sample (QC-1).

TPHg = Total petroleum hydrocarbons (TPH) as gasoline.

TPHd = TPH as diesel.

TDS = Total Dissolved Solids



Approximate Scale

2,000 Feet

4,000 Feet

FIGURE 1

SITE LOCATION

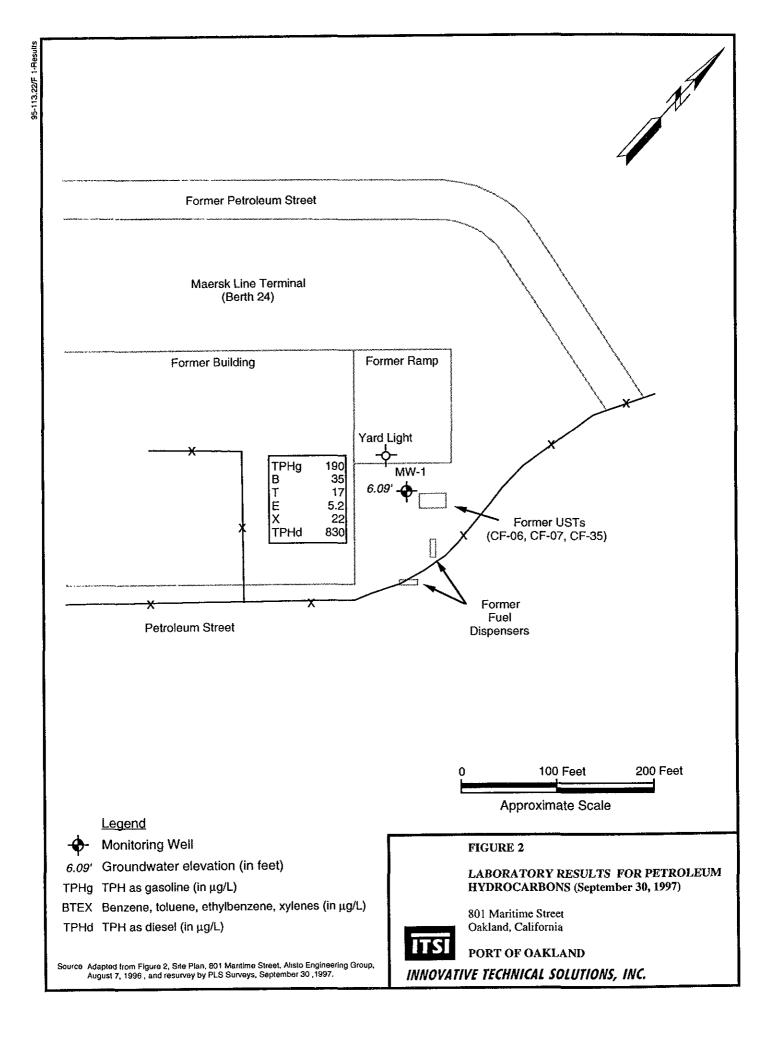
ITSI

801 Maritime Street Oakland, California

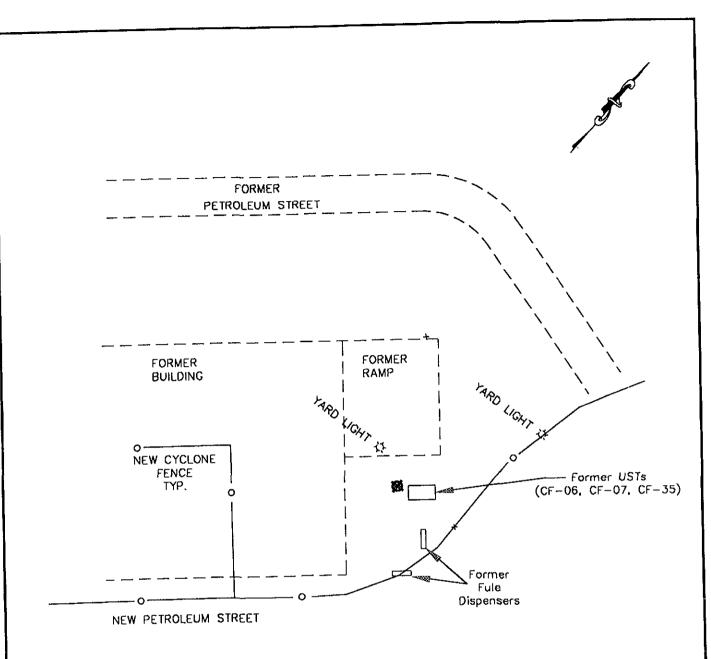
PORT OF OAKLAND

INNOVATIVE TECHNICAL SOLUTIONS, INC.

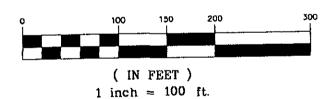
Source: Oakland West 7.5-minute U.S.G.S. Quadrangle, dated 1959, and photorevised in 1980.



ATTACHMENT A COPY OF SURVEY MAP FROM PLS SURVEYS, INC.



APPROXIMATE LOCATIONS



MONITORING WELL NO. 1

CASING EL = 13.55

VAULT EL = 13.74

BENCHMARK: "VENT" WAS HELD WITH AN ELEVATION OF 17.20', PORT OF OAKLAND DATUM PLS SURVEYS, INC. 27A EMBARCADERO COVE OAKLAND, CA. 94606 510-261-0900

ATTACHMENT B COPY OF MONITORING WELL PURGE AND SAMPLE FORM

MONITORING WELL PURGE AND SAMPLE FORM

PROJECT NAME:	80/ M	aritime				95-113.22
WELL NO.: MW			3.5c	hollard	DATE:	9/30/97
Measuring Point De	scription: <u>1</u>	3 lack mark ((N.side) T.O.C	∴Ștatic Water	Level (ft.):	7. 46
Total Well Depth (ft						posoble boiler
Water Level Measur	ement Meth	nod: <i>Solinis</i>	TOTUPOS	Time Sampl	ed: <u>1055</u>	- /QC-1@1100
Purge Method: 2"				Sample Dep	oth (ft.):	7.46
Time Start Purge:	•			Field Filteri	ng:	lone
Time End Purge:					vation: 3/0	
Comments: Top of a	Mected		field do	plicate	el, soft 6	bottom (sediment
Well Volume Total Calculation (fi	• 1 1 ,	Depth to Water (ft)	Water Column (ft)		ier for Casing meter (in)	Casing Volume (gal)
(fill in before purging)		7.46	6.95	x 2 0.16	4 6 0.64 1.44	(3 vo/s = 3.34)
Time	1033	1036	1039			
Volume Purged (gals)	1.5	1.5	1.5			
Cumulative Volume Purged (gals)	1.5	3.0	4.5			
Cumulative Number of Casing Volumes	1.35	2.70	4.05	-		
Purge Rate (gpm)	0.4	0.5	0.5			
Temperature (F°) or (C°)	76.1	75.7	75.0			
рН	12.3	1228	12.29			
Specific Conductivity (µmhos/cm) X/000	4.77	4.75	4.76			
Dissolved Oxygen (mg/L)	NA -		>			
Turbidity/Color (NTU)	Clear		>			
Odor	None		>			
Dewatered?	No		——>			
la: Su	fell					
CHECKED BY:				DATE		

ATTACHMENT C

COPY OF LABORATORY REPORTS, CHROMATOGRAMS AND CHAIN-OF-CUSTODY FORM FOR GROUNDWATER SAMPLE

Pace Analytical

Tel 707-792-1865 Fax: 707-792-0342

October 14, 1997

Mr. Jim Schollard Innovative Technical Solutions 1330 Broadway , Suite 1625 Oakland, CA 94612

RE: Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Dear Mr. Schollard:

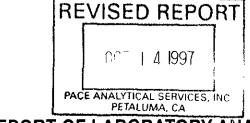
Enclosed are the results of analyses for sample(s) received by the laboratory on October 1, 1997. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew Project Manager

CA ELAP Certificate Number 12245

Enclosures



REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc. 1455 McDowell Bivd. North, Suite D Petaluma, CA 94954

> Tel. 707-792-1865 Fax. 707-792-0342

DATE: 10/14/97

PAGE: 1

Innovative Technical Solutions 1330 Broadway , Suite 1625 Oakland, CA 94612

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Attn: Mr. Jim Schollard Phone: (510)286-8888

Solid results are reported on a wet weight basis

Pace Sample No: 701105058 Date Collected:

09/30/97

Matrix: Water

Client Sample ID:

TRIP BLANK

Date Received:

10/01/97

Parameters

Results

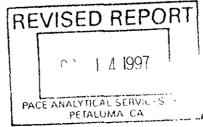
Analyzed Analyst CAS#

Footnotes

-- Volatiles

GAS/BTEX, Water	Method: EPA 801	5M/8020M		Prep	Method: EPA 8015M/8020M
Gasoline ND	ug/L	50	10/03/97	GPF	
Benzene ND	ug/L	0.5	10/03/97	GPF	71-43-2
Toluene ND	ug/L	0.5	10/03/97	GPF	108-88-3
Ethylbenzene ND	ug/L	0.5	10/03/97	GPF	100-41-4
Xylene (Total) ND	ug/L	1	10/03/97	GPF	1330-20-7
a,a,a-Trifluorotoluene (S) 95	X		10/03/97	GPF	2164-17-2
4-Bromofluorobenzene (S) 101	*		10/03/97	GPF	460-00-4

Units



REPORT OF LABORATORY ANALYSIS

Tel: 707-792-1865

DATE: 10/14/97

PAGE: 2

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Pace	Sample	No:	
------	--------	-----	--

701105066

Date Collected:

09/30/97

Matrix: Water

Client Sample ID:

MW-1

Date Received:

10/01/97

arameters

Results

2020

180

34

17

5.2

22

110

109

Units

PRL.

Analyzed Analyst CAS#

Prep Method: EPA 8015M/8020M

Footnotes

Wet Chemistry

Total Dissolved Solids Total Dissolved Solids Method: EPA 160.1 mg/L

Prep Method: EPA 160.1

10/02/97 GLG

10/03/97

10/03/97

GC -- Volatiles

GAS/BTEX.	Water	
Gasolin	9	
Danzana		

Benzene Toluene Ethylbenzene

Xylene (Total) a,a,a-Trifluorotoluene (S) 4-Bromofluorobenzene (S)

Method: EPA 8015M/8020M ug/L 50 ug/L

ug/L

ug/L

X

*

0.5 ug/L 0.5

0.5 1

10/03/97 10/03/97 10/03/97 10/03/97

GPF **GPF GPF** 10/03/97 GPF

GPF

GPF

GPF

100-41-4 1330-20-7 2164-17-2

71-43-2

108-88-3

460-00-4

GC -- Semi-VOA

TPH by 8015M w/ silica gel Diesel Fuel

n-Pentacosane (S) Date Extracted

Method: EPA 8015M w/ SG

mg/L 0.83 ¥ 118

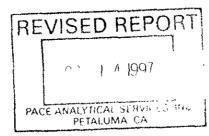
0.05

10/11/97 KLM 10/11/97 KLM

Prep Method: EPA 3520

11-84-7 629-99-2

10/06/97



REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc. 1455 McDowell Blvd. North, Suite D Petaluma, CA 94954

Tel. 707-792-1865

DATE: 10/14/97 Fax 707-792-0342

PAGE: 3

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Pace Sample No:

701105074

Date Collected:

09/30/97

Matrix: Water

Client Sample ID:

QC-1

Date Received:

10/01/97

Parameters

Results

PRL

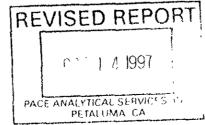
Units

Analyzed Analyst CAS#

Footnotes

-- Volatiles

GAS/BTEX, Water	Method: EPA	8015M/8020M		Prep M	ethod: EPA 8015M/8020M
Gasoline 190	ug/L	50	10/03/97	GPF	
Benzene 35	ug/L	0.5	10/03/97	GPF	71-43-2
Toluene 17	ug/L	0.5	10/03/97	GPF	108-88-3
Ethylbenzene 5.2	ug/L	0.5	10/03/97	GPF	100-41-4
Xylene (Total) 22	ug/L	1	10/03/97	GPF	1330-20-7
a,a,a.Trifluorotoluene (S) 108	¥		10/03/97	GPF	2164-17-2
4-Bromofluorobenzene (S) 107	*		10/03/97	GPF	460-00-4



REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc. 1455 McDowell Blvd. North, Suite D Petaluma, CA 94954

Tel. 707-792-1865

DATE: 10/14/97

PAGE: 4

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

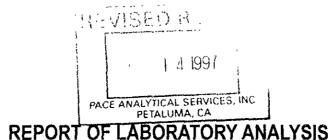
PARAMETER FOOTNOTES

Not Detected

Not Calculable

Pace Reporting Limit

Surrogate



Pace Analytical Services, Inc. 1455 McDowell Blvd North, Suite D Petaluma, CA 94954

Tel. 707-792-1865

Fax: 707-792-0342 DATE: 10/14/97

PAGE: 5

QUALITY CONTROL DATA

Innovative Technical Solutions 1330 Broadway , Suite 1625 Oakland, CA 94612

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Attn: Mr. Jim Schollard Phone: (510)286-8888

QC Batch ID: 26857

QC Batch Method: EPA 8015M/8020M

701105074

701105066

701105066

Analysis Method: EPA 8015M/8020M

Analysis Description: GAS/BTEX, Water

Associated Pace Samples:

701105058

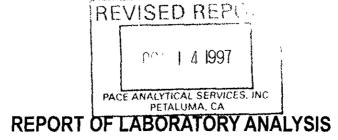
701105058

701105074

METHOD BLANK: 701114688 Associated Pace Samples:

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline	ug/L	ND	50	
Benzene	ug/L	ND	0.5	
Toluene	ug/L	ND	0.5	
Ethylbenzene	ug/L	ND	0.5	
Xylene (Total)	ug/L	ND	1	
a.a.a-Trifluorotoluene (S)	x	106		
4-Bromofluorobenzene (S)	x	112		

MATRIX SPIKE & MATRIX SPIKE	DUPLICATE: 7011	00273 70110	0281	Matrix		Matrix	Spike		
			Spike	Spike	Spike	Sp. Dup.	Đup		
Parameter	Units	701098501	Conc.	Result	# Rec	Result	∦ Rec	RPD	Footnotes
			• • • • • • • •		• • • • •				• • • • • • • • • • • • • • • • • • • •
Benzene	ug/L	0.1095	100	97.48	97.4	96.01	95.9	2	
Toluene	ug/L	0	100	94.00	94.0	92.34	92.3	2	
Ethylbenzene	ug/L	0.2643	100	90.67	90.4	88.98	88.7	2	
Xylene (Total)	ug/L	0.4653	300	280.9	93.5	275.3	91.6	2	
a,a,a-Trifluorotoluene (S)					88		92		
4-Bromofluorobenzene (S)				*	95		98		



Pace Analytical Services, Inc. 1455 McDowell Blvd North, Suite D Petaluma, CA 94954

Tel 707-792-1865

Fax: 707-792-0342

DATE: 10/14/97

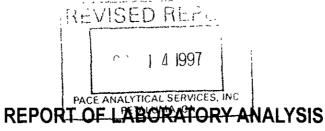
PAGE: 6

QUALITY CONTROL DATA

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

10029 9				
	Spike	LCS	Spike	
Units	Conc.	Result	* Rec	Footnotes
			• • • • •	
ug/L	100	99.05	99.1	
ug/L	100	94.47	94.5	
ug/L	100	92.39	92.4	
ug/L	300	285.4	95.1	
			90	
			98	
	Units ug/L ug/L ug/L	Spike Conc.	Spike LCS Units Conc. Result ug/L 100 99.05 ug/L 100 94.47 ug/L 100 92.39	Spike LCS Spike LCS Spike LCS Result X Rec



Pace Analytical Services, Inc. 1455 McDowell Blvd. North, Suite D Petaluma, CA 94954

Tel: 707-792-1865

Fax. 707-792-0342

DATE: 10/14/97

PAGE: 7

QUALITY CONTROL DATA

Innovative Technical Solutions 1330 Broadway, Suite 1625 Oakland, CA 94612

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Attn: Mr. Jim Schollard Phone: (510)286-8888

QC Batch ID: 26961

QC Batch Method: EPA 160.1

Analysis Method: EPA 160.1

Analysis Description: Total Dissolved Solids

Associated Pace Samples:

701105066

HETHOD BLANK: 701105793 Associated Pace Samples:

701105066

Method

Blank

Parameter

Result

PRL

Footnotes

Units

ND

5

Total Dissolved Solids

mg/L

SAMPLE DUPLICATE: 701105801

Units

Dup.

Result

RPD

Footnotes

.

Total Dissolved Solids

Parameter

mg/L

2020

701105066

2020

1 / 1997 PACE ANALYTICAL SERVICES INC REPORT OF LABORATORY ANALYSIS

Pace Analytical

QUALITY CONTROL DATA

Tel: 707-792-1865

DATE: 10/14/97 Fax. 707-792-0342

PAGE: 8

Innovative Technical Solutions 1330 Broadway , Suite 1625 Oakland, CA 94612

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

Attn: Mr. Jim Schollard Phone: (510)286-8888

OC Batch ID: 27091

Parameter

Analysis Method: EPA 8015M w/ SG

Associated Pace Samples:

701105066

QC Batch Method: EPA 3520

Analysis Description: TPH by 8015M w/ silica gel

METHOD BLANK: 701111551 Associated Pace Samples:

701105066

Units

Method **Blank**

Result

PRL

Footnotes

Diesel Fuel mg/L n-Pentacosane (S)

ND 97 0.05

LABORATORY CONTROL SAMPLE & LCS	SD: 701111569	701111 Spike	577 LCS	Spike	LCSD	Spike Dup	
Parameter	Units	Conc.	Result	∦ Rec	Result	* Rec RPD	Footnotes
Diesel Fuel n-Pentacosane (S)	mg/L	1.0	0.6870	68.7 91	0.6514	65.1 5 93	



REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc. 1455 McDowell Blvd. North, Suite D Petaluma, CA 94954

Tel: 707-792-1865

Fax. 707-792-0342 DATE: 10/14/97

PAGE: 9

Pace Project Number: 709433

Client Project ID: P/O-801 Maritime Street/202863

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate \$ Rec and RPD values.

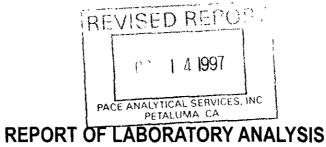
Not Detected ND

Not Calculable

NC Pace Reporting Limit PRL

Relative Percent Difference

Surrogate



Data File: /chem/70gce02.i/101197.b/fidr0003.d

Date: 11-0CT-1997 15:31

Client ID: SBLKD1

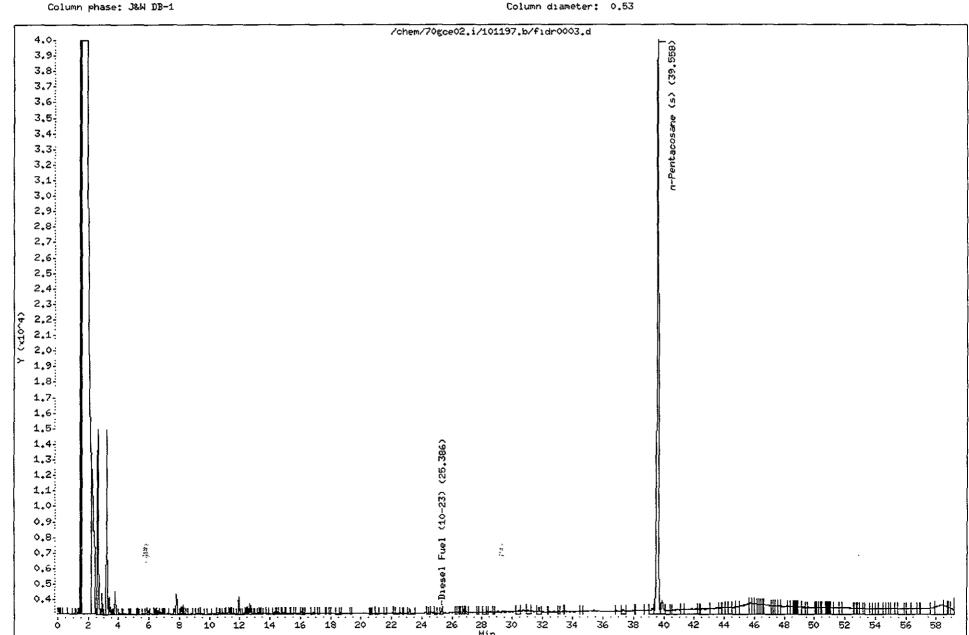
Instrument: 70gce02.1

Sample Info: NA

Volume Injected (uL): 1.0

Operator: KLM

Column diameter: 0.53



Data File: /chem/70gce02.1/101197.b/fidr0006.d

Date : 11-0CT-1997 18:52

Client ID: MW-1

Sample Info: *TPH Ext need Chromatogram and Silica Gel Cleanup.*

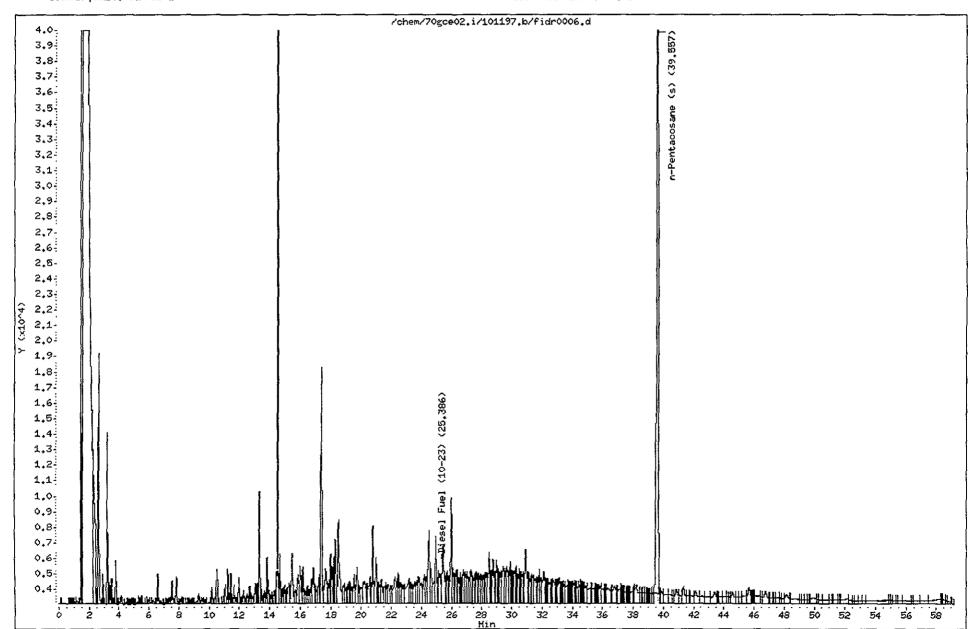
Volume Injected (uL): 1.0

Column phase: J&W DB-1

Instrument: 70gce02.i

Operator: KLM

Column diameter: 0.53



Data File: /chem/70gce02.1/101197.b/fidr0002.d

Date: 11-0CT-1997 14:24

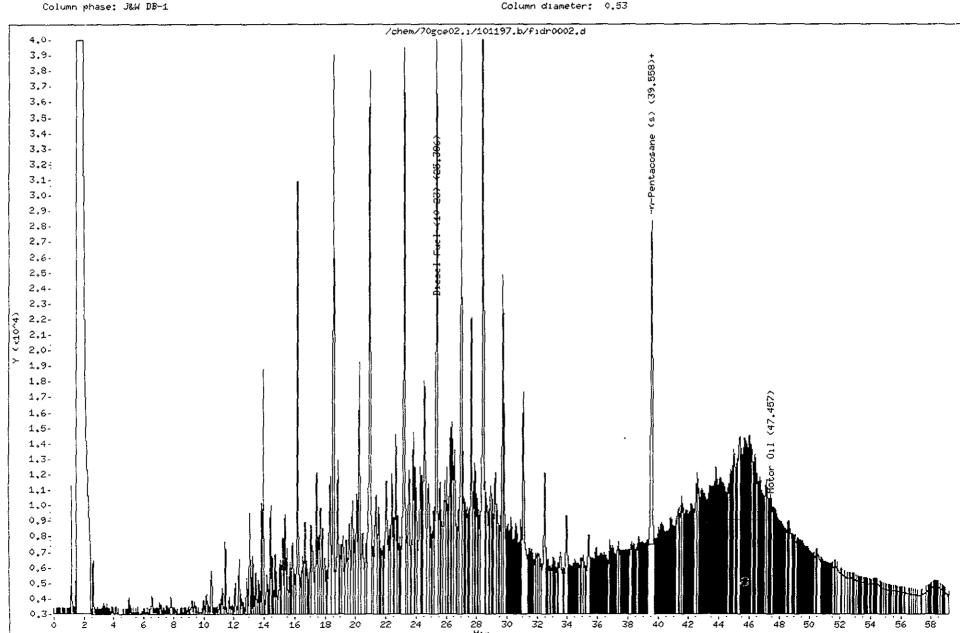
Client ID: SSTD2500

Sample Info: Calibration standard

Instrument: 70gce02.1

Operator: KLM

Column diameter: 0.53



INNOVATIVE TECHNICAL SOLUTIONS, Inc.



2855 Mitchell Drive, Suite 118
Walnut Creek, California 94598
(510) 256-8898 (Tel), (510) 256-8998 (Fax)

COOLER CUSTODY SEALS INTACT	□ NOT INTACT □	J _N E
COOLER TEMPERATURE	<u>6 °</u> C Glen	709433

PROJECT NAME: P			time			~				~	~***	nna.	<u> </u>	. T 7					DATE 7/	
PROJECT NUMBER:	75-113	.22			<i>4</i> . ^	C .	\mathbf{H}^{p}		U	F. (CUS	511	UL) Y					PAGE	
SITE LOCATION MA	ersk sk	1 pm	7, 801	provi	Time U	r.					Δ.	NALYS	315				- T			
SAMPLEID	SAMPLE DEPTH	рате	ТІМЕ	NUMBER OF CONTAINERS	TYPE OF CONTAINERS	SAMPLE MATRIX	TPH as Gas/BTEX - 8015/8020	WS: 1: Comy	TEPH - 8015	KFH - 416.1	Zn)		VOCs - 8240	SVOCS - 8270	TUS 160.1			Pace And Petalum WO# 202	14 , CA 863	70TAL NUMBER OF ANALYSES
Trip Blank MW-1 QC-1			1055 1055	3 1 3	Voa Voa ILA 250 mt. Voa	W	X	X					-		×			701105066 701105066 701105074		//
								Not	3	1										
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SAMPLED BY. SIGNATURE N	Scho Slm S Printed Nat	Mary Word	ard fignat	La Sure		SPECIAL RELINQ	. INST	 DBY. ∆		e 1	amos	My Signa	had	Row	هر	RELINQU		Printed Name	Signature	
RECEIVED BY:	Сотрапу	gmcs	Male a Male Signal	Ind Time	<u></u>	RE	CE(VE	D BY· _	Printed	Alar Name SI	- E.	5 Date W. C Signa 10/1/4	and Tir)(Ser	ne ^ 000	-	REC	CEIVEL	Company Printed Name Company	Date and Time Signature Date and Time	
SEND RESULTS TO		Scholl			5Z , 2	#162 <u>:</u>	<u>-</u> ,	/3.	•	•	adva,				0ak/	land.	e CA	94612		_