



March 12, 1995

UST Local Oversight Program
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Attention: Ms. Susan Hugo

Subject: Report of Quarterly Ground Water Monitoring
Liquid Sugars UST Site
1275 66th Street
Emeryville, California
CWEC: 20516-001-11

ENVIRONMENTAL
PROTECTION
95 MAR 21 PM 1:56

Ladies and Gentlemen:

This letter report documents the seventh quarterly monitoring of two ground water monitoring wells at the subject site in Emeryville, California (see Figures 1 and 2). This report summarizes the work performed and the results of this monitoring event.

Description of Sampling Activities

On December 22, 1994, Century West Engineering Corporation purged and sampled monitoring wells MW-1 and MW-2 at the subject site. Purging and sampling of each of the wells was conducted in accordance with California LUFT Field Manual guidelines as follows:

- After unlocking and opening both of the monitoring wells on site, the water level was measured to the nearest 0.01 foot with an electronic probe.
- Using a disposable PVC bailer, a single bail of ground water was taken from both wells (MW-1 and MW-2) to check for the presence or absence of floating free product.



LEADING THROUGH EFFECTIVE SOLUTIONS

7950 Dublin Blvd., Suite 203 Dublin, California 94568 Phone: (510) 551-7774 FAX: (510) 551-7776

- The wells were purged of approximately three well volumes. During purging, temperature, pH, conductivity, and turbidity of the well water were periodically monitored and recorded until they stabilized. All purged water was stored onsite in sealed 55-gallon metal drums. Ground water sampling data sheets for each well are contained in Appendix A.
- After purging the required volume, ground water was poured directly from the bailer into two one-liter amber jars and four 40-ml VOC vials. Each container was then tightly sealed with teflon lined septums, making sure that no air bubbles were present in the containers. Each container was then labeled and placed in cold storage for transport to the analytical laboratory under formal chain-of-custody.

Results of Quarterly Monitoring

Hydrologic Conditions

Purged water from both monitoring wells exhibited slight to moderate hydrocarbon odors and hydrocarbon sheens during sampling.

Analytical Results

Ground water samples from the two wells were analyzed for total petroleum hydrocarbons as gasoline (TPH-gas by EPA Method 5030/8015 Modified); total petroleum hydrocarbons as diesel (TPH-diesel by EPA Method 8015 Modified); and benzene, toluene, ethylbenzene and xylenes (BTEX by EPA Method 602/8020). Table 1 summarizes these analytical results. Laboratory data reports and chain-of-custody records are contained in Appendix B. In addition, laboratory chromatograms for all analyses are included in have been included in Appendix B.

Table 1
 SUMMARY OF GROUND WATER ANALYTICAL RESULTS
 Liquid Sugars, Inc. 66th Street Site

Well Number	Sample Date	Water Depth ¹	Constituent (ppm)					
			TPH-gas	TPH-diesel	B	T	E	X
MW-1 (West)	04/23/93	6.72 ft	0.64	0.99	0.0063	ND(.0005) ²	0.0056	0.0025
	07/13/93	8.00 ft	0.70	1.50	0.032	0.0012	0.0033	0.0110
	11/02/93	8.95 ft	0.87	1.70	0.019	ND(.0005)	0.0066	0.0044
	02/15/94	7.91 ft	1.20	2.00	0.022	0.0018	0.01	0.0064
	05/18/94	7.65 ft	1.70	2.60 ³	0.057	0.021	0.30	0.13
	08/17/94	8.51 ft	1.20	2.20 ³	0.013	0.0019	0.0008	0.0082
	12/22/94	6.58 ft	1.10	2.40 ^{4,5}	0.027	0.0069	0.0014	0.0059
MW-2 (East)	04/23/93	6.73 ft	1.10	2.10	0.320	0.0065	0.0082	0.013
	07/13/93	8.38 ft	0.48	0.21	0.033	0.0025	0.0052	0.0047
	11/02/93	9.05 ft	0.43	1.80	0.016	0.0009	0.0019	0.0021
	02/15/94	6.82 ft	1.40	2.80	0.056	0.0029	0.0075	0.0071
	05/18/94	7.56 ft	0.54	3.00	0.024	0.0013	0.0026	0.0034
	08/17/94	8.50 ft	0.88	2.20 ³	0.025	0.0030	0.0028	0.0086
	12/22/94	6.23 ft	0.61 ⁶	3.10 ^{4,5}	0.0036	0.0033	0.0054	0.0016

- 1 - Depth to ground water from top of casing.
- 2 - Not detected above the concentration expressed in the parentheses.
- 3 - Lab results state: "The positive result has an atypical pattern for Diesel analysis."
- 4 - Lab results state: "The positive result appears to be a heavier hydrocarbon than Diesel."
- 5 - Lab results state: "The positive result appears to be a lighter hydrocarbon than Diesel."
- 6 - Lab results state: "The positive result appears to be a heavier hydrocarbon than Gasoline."

CONCLUSIONS

Laboratory results continue to show low levels of gasoline and diesel constituents in ground water samples from both MW-1 and MW-2. Concentrations of both gasoline and diesel constituents in both wells do not appear to represent an immediate risk to human health or the environment.

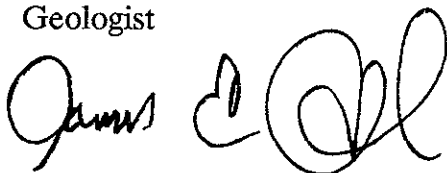
UST Local Oversight Program
Alameda County Health Agency
March 12, 1995
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We appreciate the opportunity to provide this report for your review. Please contact us if there are questions or if additional information is required.

Very truly yours,



Robert Bogar
Geologist



James E. Gribi
Registered Geologist
California No. 5843



RB/JEG:cc
Enclosure

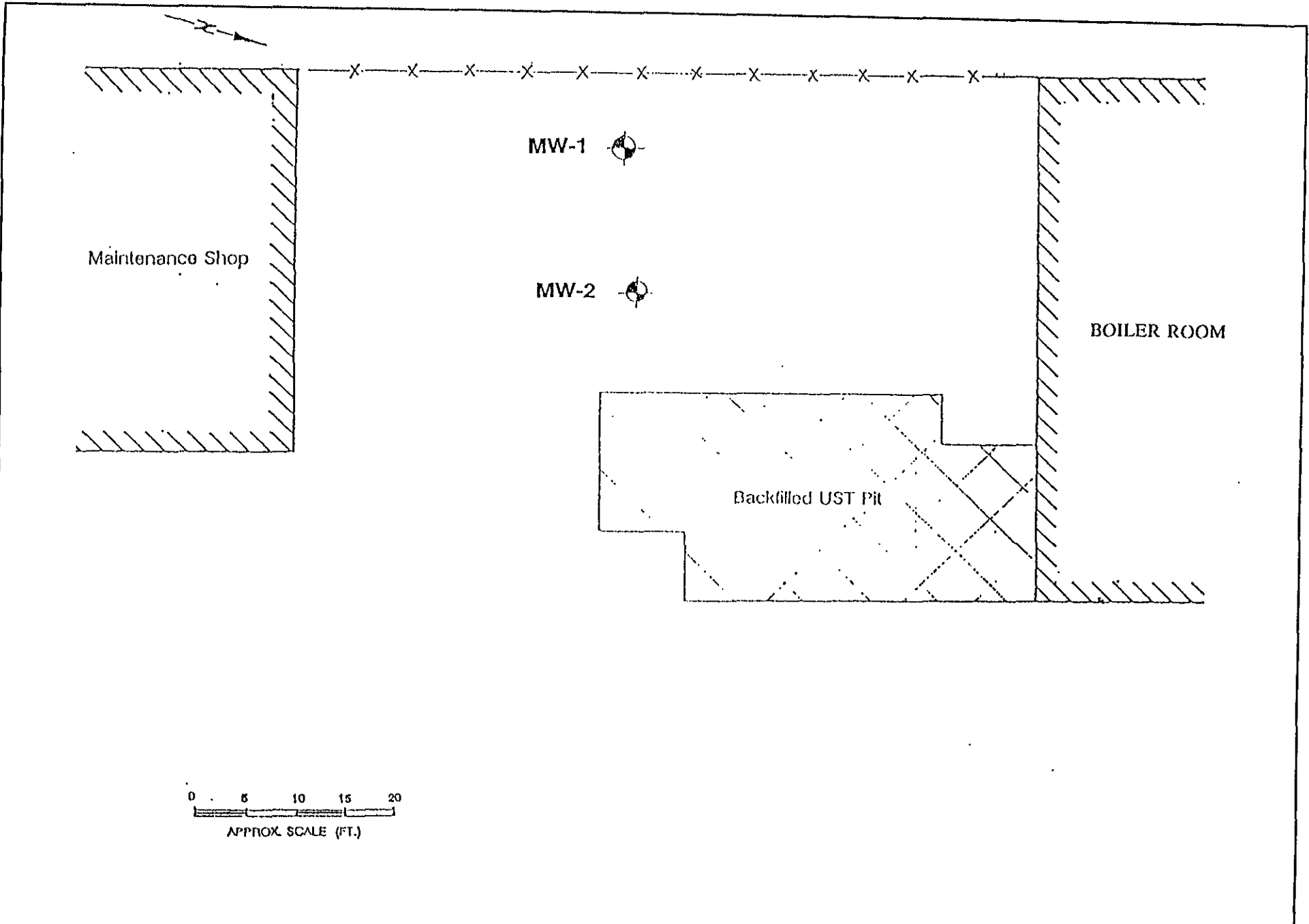
c Mr. Mike Alo, Liquid Sugars, Inc.



DESIGNED BY:	CHECKED BY:
DRAWN BY:	SCALE:
DWG. NO.:	

Figure 1
SITE VICINITY MAP
 CWEC 20516-001-03

DATE:	FIGURE:
CENTURY WEST ENGINEERING	



DESIGNED BY :	DATE :
DRAWN BY :	SCALE :
CHECKED BY :	SEC. :
DRAWING NO. :	

CENTURY WEST  ENGINEERING

**FIGURE 2
SITE PLAN**

CWEC: 20516-001-07

DRAWING NO.
SHEET NO.

APPENDIX A
GROUND WATER SAMPLING DATA SHEETS

CENTURY WEST ENGINEERING

GROUNDWATER SAMPLING RECORD

SAMPLE NO. _____ WELL NO. MW-1

PROJECT NAME _____ PROJECT NO. _____

DATE 12/23/74 TIME _____ ELEV. TOP OF CASING _____

WELL DIAMETER _____ WELL DEPTH _____ SCREEN INTERVAL _____

H2O LEVEL INIT. 6.58 FIN. _____

CALC. PURGE H2O COL. _____ FT. (X) ** = _____ (X) 3 = _____ GALS.

LAB ANALYSIS _____

LABORATORY _____ PURGE/SAMPLE METHOD _____

WEATHER CONDITIONS _____

<u>TIME</u>	<u>VOLUME PUMPED (GALS.)</u>	<u>PUMP RATE (GPM)</u>	<u>TEMP. (C)</u>	<u>COND.</u>	<u>pH</u>	<u>REMARKS (TURBIDITY)</u>
0			52.2	0.91	6.44	clear no o/s ^{sk}
1			56.8	"	6.46	clear no o/s ^{sk}
2			58.6	0.95	6.43	" sk o/s ^{sk} sk
3			59.6	0.97	6.44	same
4			59.3	1.00	6.43	"
5			61.3	1.20	6.42	"
6			61.4	1.26	"	"

SAMPLE CREW _____

REMARKS _____

** (2" = 0.163 GAL/FT) (4" = 0.653 GAL/FT)

CENTURY WEST ENGINEERING

GROUNDWATER SAMPLING RECORD

SAMPLE NO. MW-2 WELL NO. MW-2 (4")

PROJECT NAME _____ PROJECT NO. _____

DATE 12/21/74 TIME _____ ELEV. TOP OF CASING _____

WELL DIAMETER _____ WELL DEPTH 19' SCREEN INTERVAL _____

H2O LEVEL INIT. 623 FIN. _____

CALC. PURGE H2O COL. _____ FT. (X) ** = _____ (X) 3 = _____ GALS.

LAB ANALYSIS _____

LABORATORY _____ PURGE/SAMPLE METHOD _____

WEATHER CONDITIONS _____

TIME	VOLUME PUMPED (GALS.)	PUMP RATE (GPM)	TEMP. (C)	COND.	pH	REMARKS (TURBIDITY)
0			52.1	1.89	6.44	clear w/ odor/no sh
4			56.1	1.08	6.42	SAME but w/ sh.
8			56.5	1.37	6.43	SAME (LOOK AT SCREEN)
12			54.4	1.46	"	"
16			55.9	1.60	"	"
20			57.4	1.77	"	"
24			56.1	1.82	"	"
26						

SAMPLE CREW _____

REMARKS _____

.653
 13' SCREENED
 1959
 1.5
 $8489 = 8.5$
 $\times 3 \times 3$
 7 25.5

** (2" = 0.163 GAL/FT) (4" = 0.653 GAL/FT)

APPENDIX B
LABORATORY DATA REPORTS AND
CHAIN-OF-CUSTODY RECORDS



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Jim Gribi
Century West Engineering
7950 Dublin Blvd., Ste 210
Dublin, CA 94568

Date: 01/06/1995
NET Client Acct. No: 75300
NET Pacific Job No: 94.06273
Received: 12/23/1994

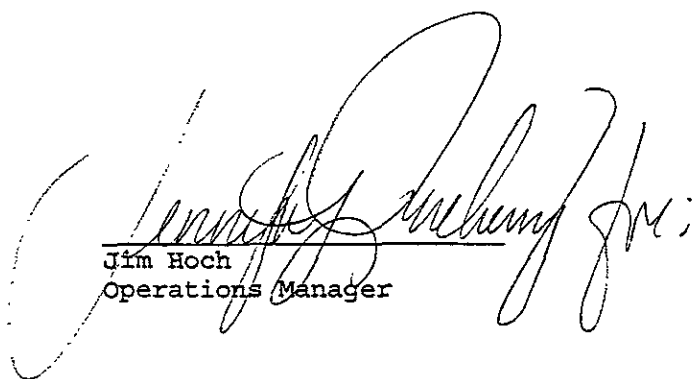
Client Reference Information

LS1, Project No. 20516-001-10

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:


Linda DeMartino
Project Coordinator


Jim Hoch
Operations Manager

Enclosure(s)





Client Name: Century West Engineering
 Client Acct: 75300
 NET Job No: 94.06273

Date: 01/06/1995
 ELAP Cert: 1386
 Page: 2

Ref: LS1, Project No. 20516-001-10

SAMPLE DESCRIPTION: MW-1
 Date Taken: 12/22/1994
 Time Taken:
 NET Sample No: 232179

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
TPH (Gas/BTEX, Liquid)								
METHOD 5030/M8015	--						01/03/1995	2444
DILUTION FACTOR*	1						01/03/1995	2444
as Gasoline	1.1		0.05	mg/L	5030		01/03/1995	2444
METHOD 8020 (GC, Liquid)								
Benzene	27		0.5	ug/L	8020		01/03/1995	2444
[CToluene	6.9		0.5	ug/L	8020		01/03/1995	2444
Ethylbenzene	14		0.5	ug/L	8020		01/03/1995	2444
Xylenes (Total)	5.9		0.5	ug/L	8020		01/03/1995	2444
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	157	MI		% Rec.	5030		01/03/1995	2444
						12/29/1994		
METHOD M8015 (EXT., Liquid)								
DILUTION FACTOR*	1						12/30/1994	881
as Diesel	2.4	DH, DL	0.05	mg/L	3510		12/30/1994	881

DL : The positive result appears to be a lighter hydrocarbon than Diesel.
 DH : The positive result appears to be a heavier hydrocarbon than Diesel.
 MI : Matrix Interference Suspected

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Century West Engineering
 Client Acct: 75300
 NET Job No: 94.06273

Date: 01/06/1995
 ELAP Cert: 1386
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Ref: LS1, Project No. 20516-001-10

SAMPLE DESCRIPTION: MW-2
 Date Taken: 12/22/1994
 Time Taken:
 NET Sample No: 232180

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTEXE, Liquid)								
METHOD 5030/M8015	--						01/04/1995	2449
DILUTION FACTOR*	1						01/04/1995	2449
as Gasoline	0.61	GH	0.05	mg/L	5030		01/04/1995	2449
METHOD 8020 (GC, Liquid)	--						01/04/1995	2449
Benzene	3.6		0.5	ug/L	8020		01/04/1995	2449
Toluene	3.3		0.5	ug/L	8020		01/04/1995	2449
Ethylbenzene	5.4		0.5	ug/L	8020		01/04/1995	2449
Xylenes (Total)	1.6		0.5	ug/L	8020		01/04/1995	2449
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	101			% Rec.	5030		01/04/1995	2449
METHOD M8015 (EXT., Liquid)								
						12/29/1994		
DILUTION FACTOR*	1						12/30/1994	881
as Diesel	3.1	DH, DL	0.05	mg/L	3510		12/30/1994	881

DL : The positive result appears to be a lighter hydrocarbon than Diesel.
 DH : The positive result appears to be a heavier hydrocarbon than Diesel.
 GH : The positive result appears to be a heavier hydrocarbon than Gasoline.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Century West Engineering
Client Acct: 75300
NET Job No: 94.06273

Date: 01/06/1995
ELAP Cert: 1386
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Ref: LS1, Project No. 20516-001-10

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
TPH (Gas/BTEX, Liquid)							
as Gasoline	98.0	0.98	1.00	mg/L	01/03/1995	aal	2444
Benzene	97.8	4.89	5.00	ug/L	01/03/1995	aal	2444
Toluene	94.6	4.73	5.00	ug/L	01/03/1995	aal	2444
Ethylbenzene	103.2	5.16	5.00	ug/L	01/03/1995	aal	2444
Xylenes (Total)	102.7	15.4	15.0	ug/L	01/03/1995	aal	2444
Bromofluorobenzene (SURRE)	118.0	118	100	% Rec.	01/03/1995	aal	2444
TPH (Gas/BTEX, Liquid)							
as Gasoline	108.0	1.08	1.00	mg/L	01/04/1995	pbg	2449
Benzene	87.2	4.36	5.00	ug/L	01/04/1995	pbg	2449
Toluene	86.6	4.33	5.00	ug/L	01/04/1995	pbg	2449
Ethylbenzene	96.8	4.84	5.00	ug/L	01/04/1995	pbg	2449
Xylenes (Total)	96.0	14.4	15.0	ug/L	01/04/1995	pbg	2449
Bromofluorobenzene (SURRE)	111.0	111	100	% Rec.	01/04/1995	pbg	2449
METHOD M8015 (EXT., Liquid)							
as Diesel	98.7	987	1000	mg/L	12/30/1994	tdn	881

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Century West Engineering
Client Acct: 75300
NET Job No: 94.06273

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ELAP Cert: 1386
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Ref: LS1, Project No. 20516-001-10

METHOD BLANK REPORT

Parameter	Method	Reporting	Units	Date	Analyst	Run
	Blank					Batch
	Amount	Limit		Analyzed	Initials	Number
	Found					
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	01/03/1995	aal	2444
Benzene	ND	0.5	ug/L	01/03/1995	aal	2444
Toluene	ND	0.5	ug/L	01/03/1995	aal	2444
Ethylbenzene	ND	0.5	ug/L	01/03/1995	aal	2444
Xylenes (Total)	ND	0.5	ug/L	01/03/1995	aal	2444
Bromofluorobenzene (SURR)	107		% Rec.	01/03/1995	aal	2444
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	01/04/1995	pbg	2449
Benzene	ND	0.5	ug/L	01/04/1995	pbg	2449
Toluene	ND	0.5	ug/L	01/04/1995	pbg	2449
Ethylbenzene	ND	0.5	ug/L	01/04/1995	pbg	2449
Xylenes (Total)	ND	0.5	ug/L	01/04/1995	pbg	2449
Bromofluorobenzene (SURR)	104		% Rec.	01/04/1995	pbg	2449
METHOD M8015 (EXT., Liquid)						
as Diesel	ND	0.05	mg/L	12/30/1994	tdn	881

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



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MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike		RPD	Spike Amount	Sample Conc.	Matrix Spike Dup.		Units	Date Analyzed	Run Batch	Sample Spiked
	% Rec.	% Rec.				Conc.	Conc.				
TPH (Gas/BTXE,Liquid)											232263
as Gasoline	109.0	105.0	3.7	1.00	ND	1.09	1.05	mg/L	01/03/1995	2444	232263
Benzene	98.6	102.8	4.1	21.1	ND	20.8	21.7	ug/L	01/03/1995	2444	232263
Toluene	111.4	110.3	1.0	72.7	ND	81.0	80.2	ug/L	01/03/1995	2444	232263
TPH (Gas/BTXE,Liquid)											232296
as Gasoline	111.0	119.0	7.0	1.00	ND	1.11	1.19	mg/L	01/04/1995	2449	232296
Benzene	106.2	110.0	3.5	21.0	ND	22.3	23.1	ug/L	01/04/1995	2449	232296
Toluene	101.1	106.0	4.7	80.2	ND	81.1	85.0	ug/L	01/04/1995	2449	232296
METHOD M8015 (EXT., Liquid)											232106
as Diesel	71.4	76.0	6.2	1.96	0.19	1.59	1.68	mg/L	12/30/1994	881	232106

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Century West Engineering
 Client Acct: 75300
 NET Job No: 94.06273

Date: 01/06/1995
 ELAP Cert: 1386
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Ref: LS1, Project No. 20516-001-10

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS % Recovery	Duplicate		LCS Amount Found	Duplicate		Units	Date Analyzed	Analyst Initials	Run Batch
		LCS % Recovery	RPD		LCS Amount Found	LCS Amount Expected				
METHOD M8015 (EXT., Liquid) as Diesel	62.0			0.62	1.00		mg/L	12/30/1994	tdn	881

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. Actual reporting limits and results have been multiplied by the listed dilution factor. Do not multiply the reporting limits or reported values by the dilution factor.
- dw : Result expressed as dry weight.
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than the applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [Value 1 - Value 2] / mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, Rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, Rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986., Rev. 1, December 1987.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

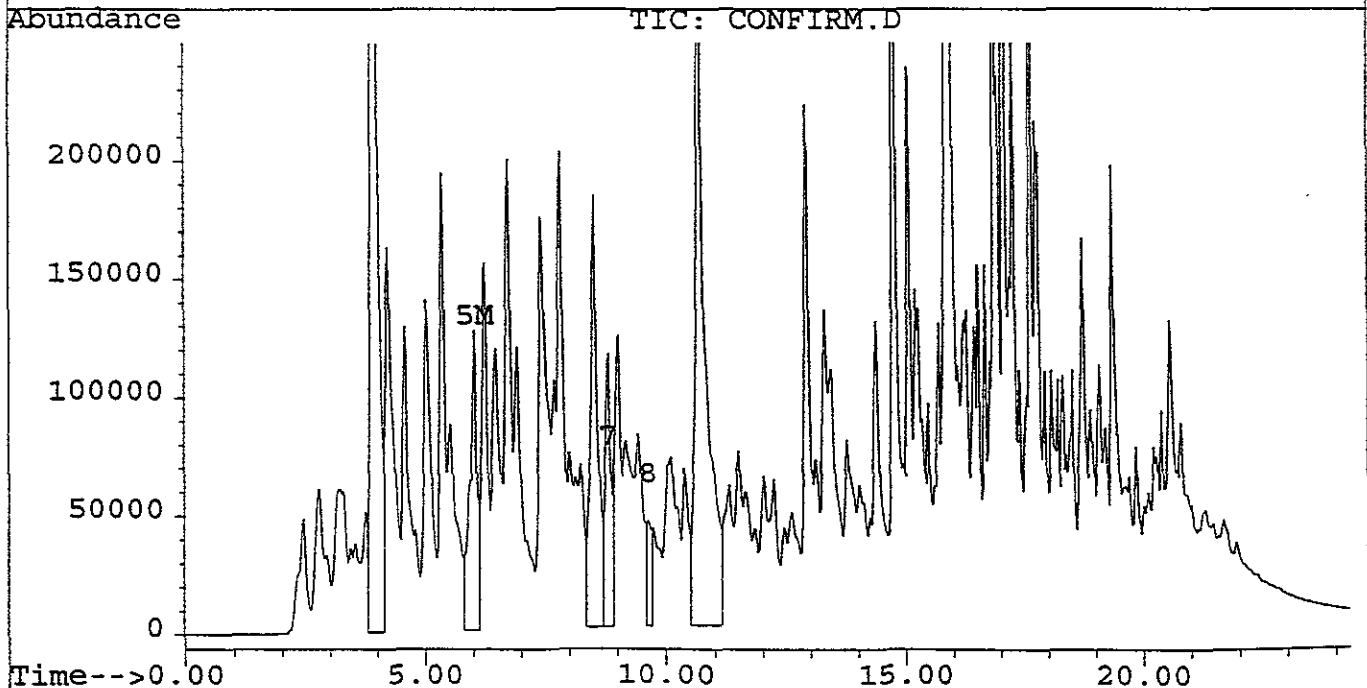
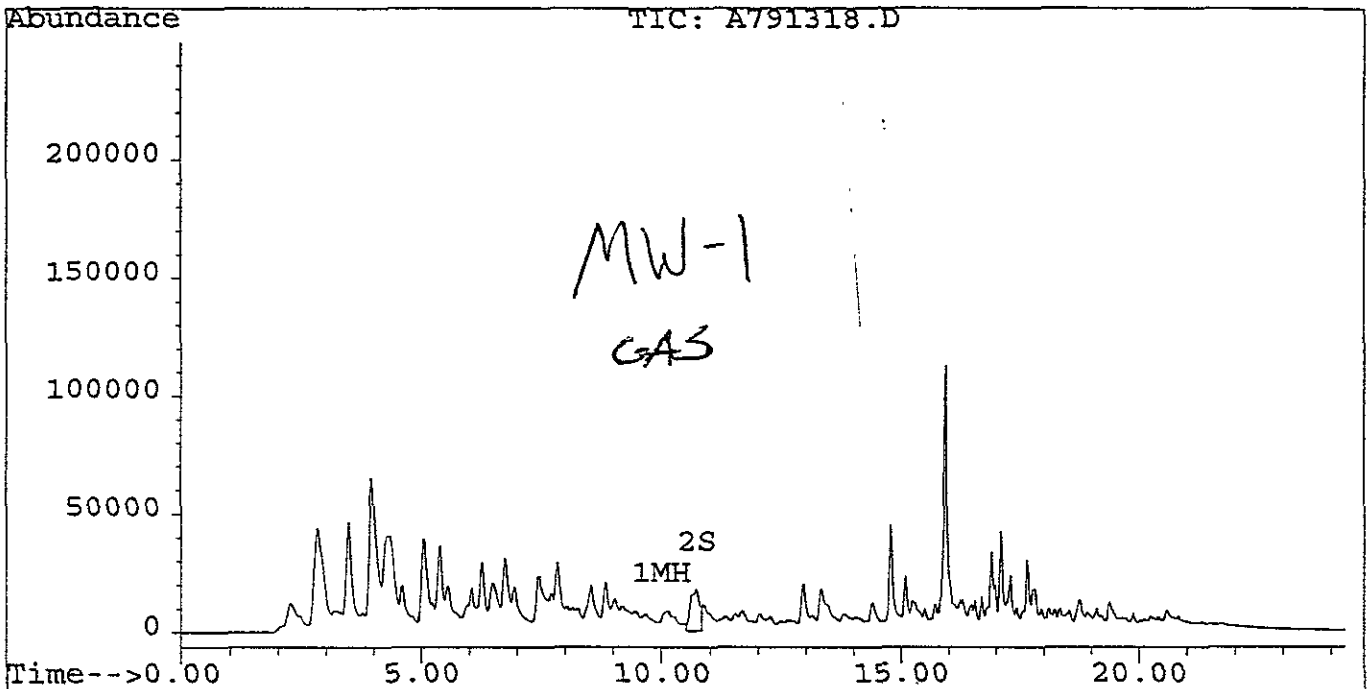
APPENDIX C
LABORATORY CHROMATOGRAMS

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\010395\A791318.D Vial: 18
Signal #2 : C:\HPCHEM\6\DATA\010395\A791318.D\CONFIRM.D
Acq On : 03 Jan 95 05:54 PM Operator: DFW
Sample : Inst : HP-2
Misc : Multiplr: 1.00
Quant Time: Jan 3 18:19 1995

Method : C:\HPCHEM\6\METHODS\HP2WK15.M
Title : GC TPH Method
Last Update : Mon Jan 02 14:13:55 1995
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

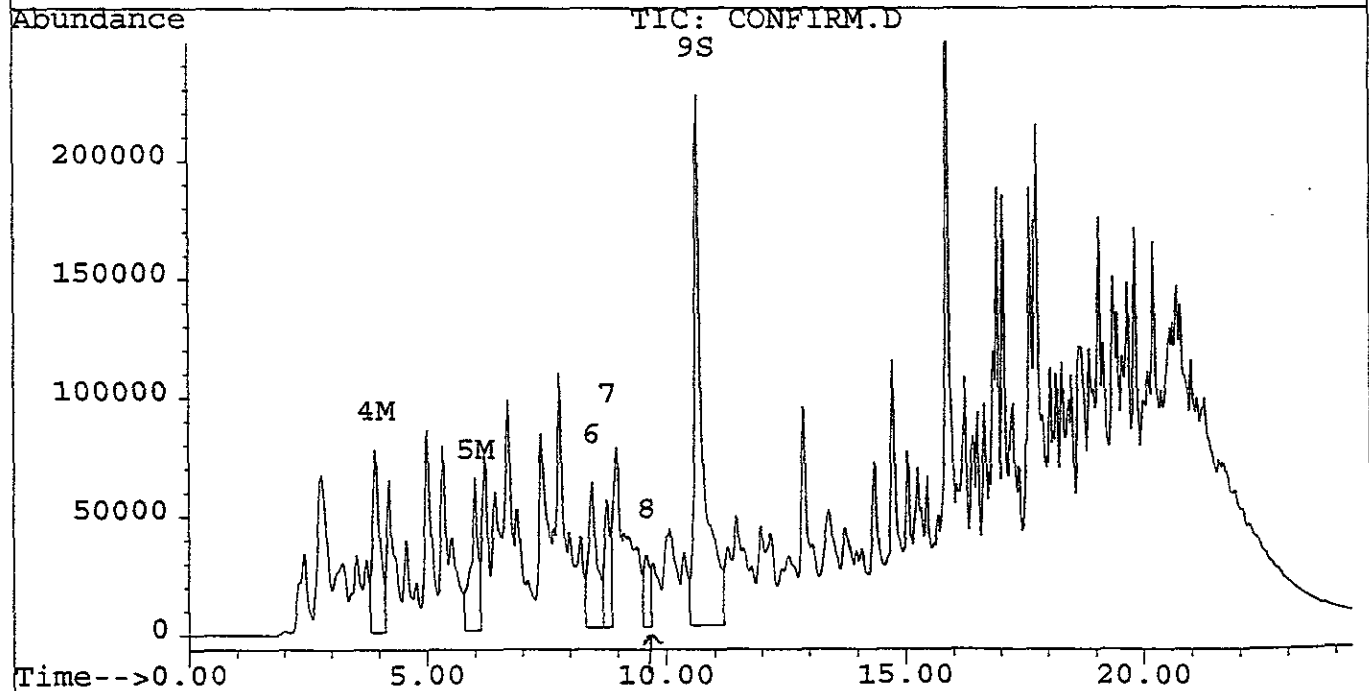
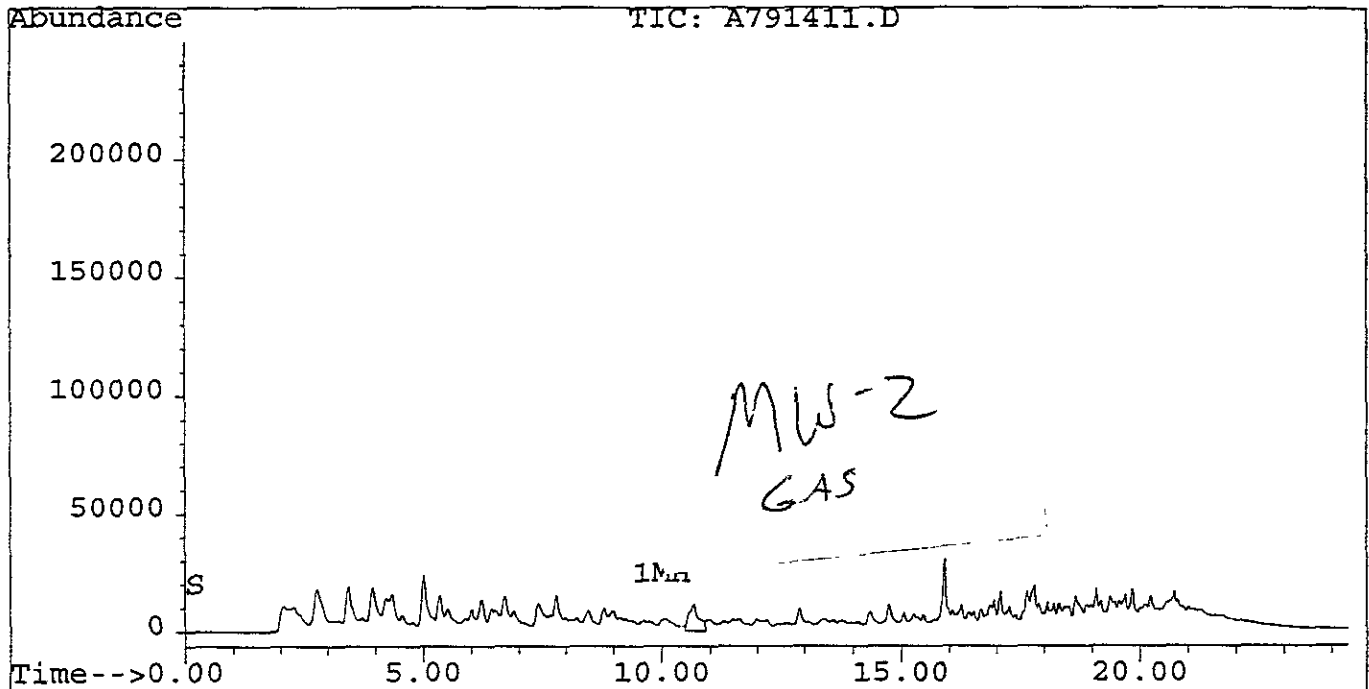


Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\010495\A791411.D Vial: 11
Signal #2 : C:\HPCHEM\6\DATA\010495\A791411.D\CONFIRM.D
Acq On : 04 Jan 95 02:08 PM Operator: DFW
Sample : Inst : HP-2
Misc : Multiplr: 1.00
Quant Time: Jan 4 14:33 1995

Method : C:\HPCHEM\6\METHODS\HP2WK15.M
Title : GC TPH Method
Last Update : Mon Jan 02 14:13:55 1995
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

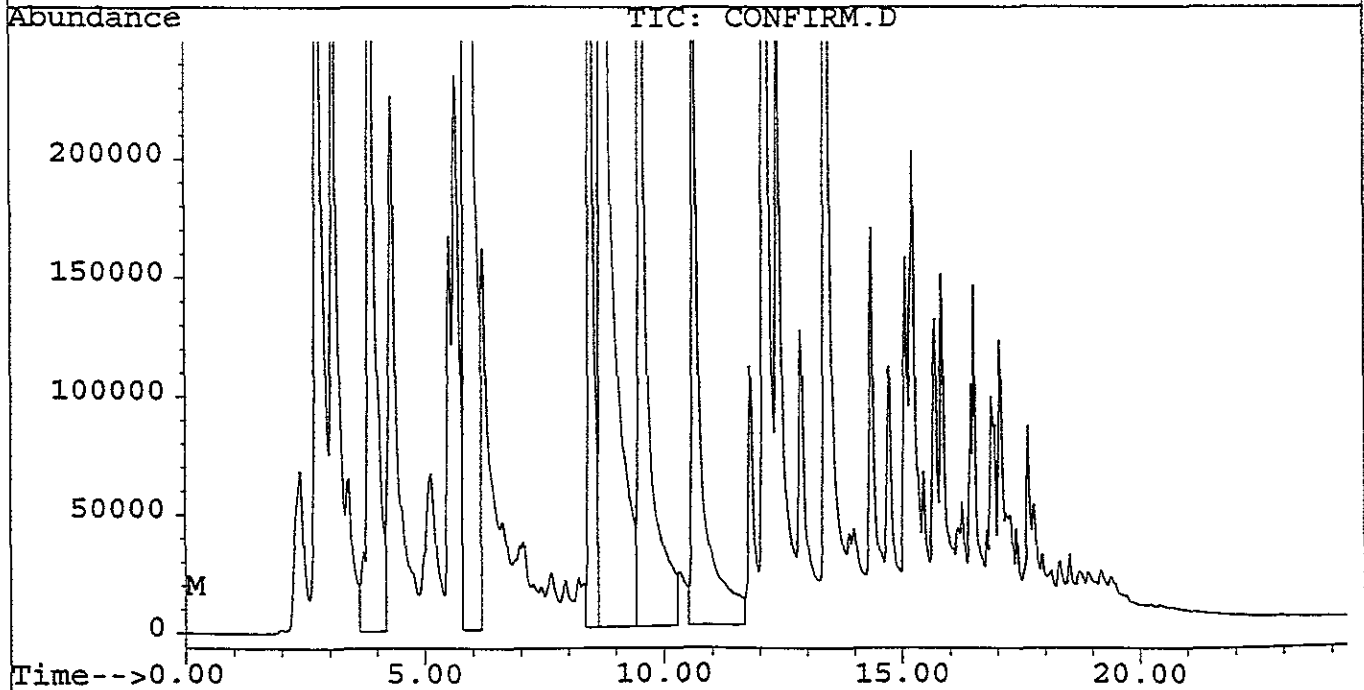
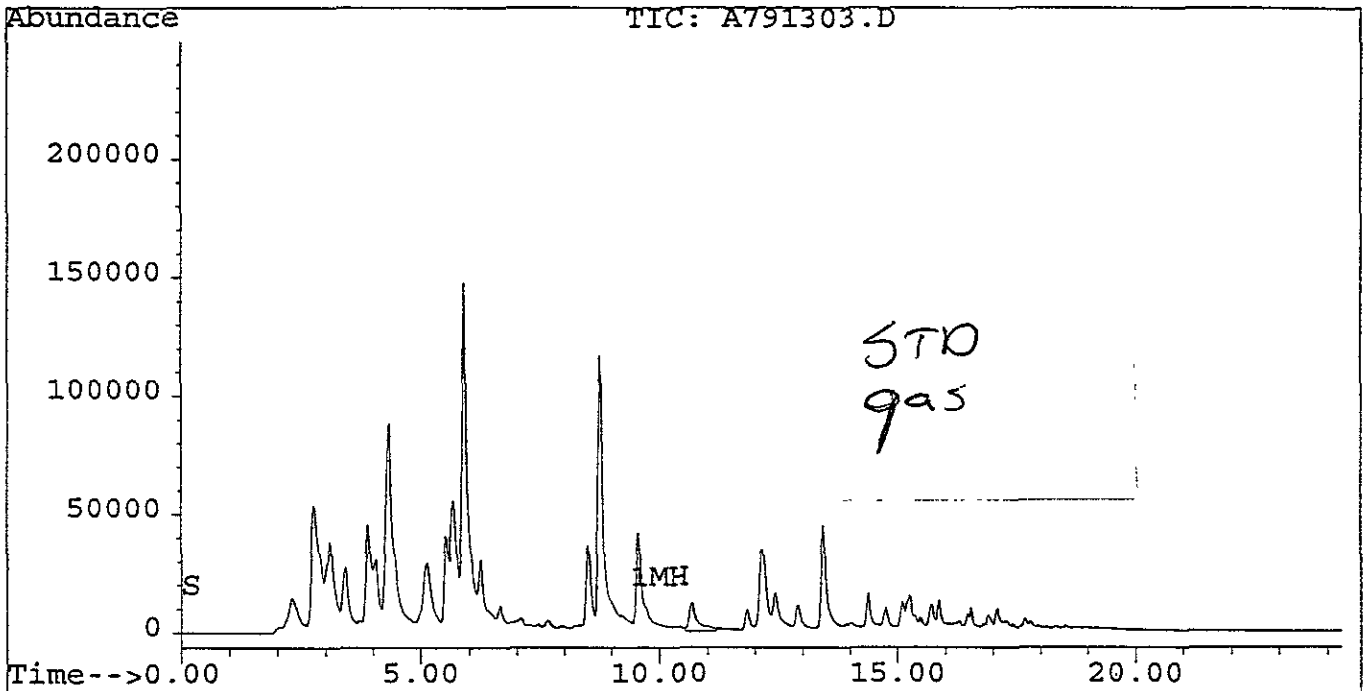


Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\010395\A791303.D Vial: 3
Signal #2 : C:\HPCHEM\6\DATA\010395\A791303.D\CONFIRM.D
Acq On : 03 Jan 95 09:04 AM Operator: DFW
Sample : GAS W0828 Inst : HP-2
Misc : Multiplr: 1.00
Quant Time: Jan 3 9:29 1995

Method : C:\HPCHEM\6\METHODS\HP2WK15.M
Title : GC TPH Method
Last Update : Mon Jan 02 14:13:55 1995
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Processed: 12-31-1994 13:20:36, segment 14, cycle 28
 RAW DATA SAVED IN FILE G:AR42428.PTS Second Channel Stored in G:BR42428.PTS

***** EXTERNAL STANDARD TABLE *****

***** 12-31-1994 13:21:38 Version 5.1.5 *****

* Sample Name: ~~6314-272307~~ 6273-232180 Data File: G:AR42428 *
 * Date: 12-31-1994 12:42:18 Method: N:AHC11 12-08-1994 10:20:15 # 254 *
 * Interface: 4 Cycle#: 28 Operator TDN Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 5 Threshold: 1 Area Threshold: 500 *

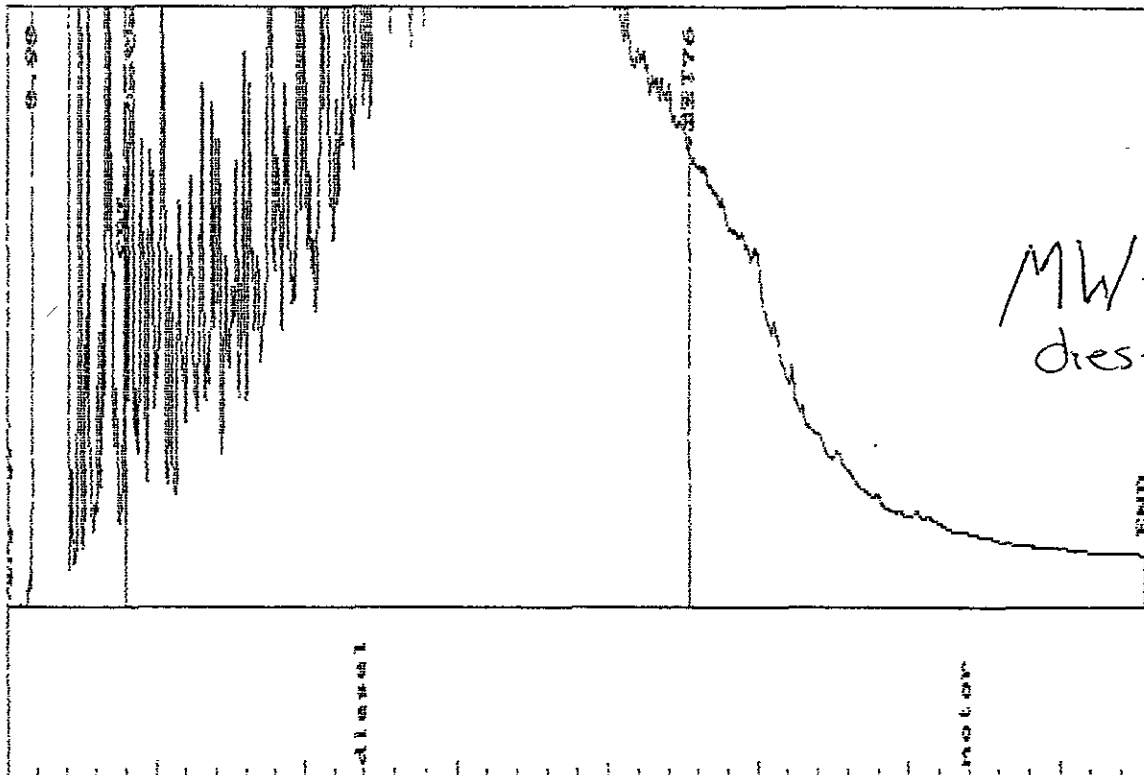
 Starting Delay: 0.00 Ending retention time: 38.00
 Area reject: 10000 One sample per 0.602 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/mL	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT	BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	0.903		6983.4351	67.5238%	69834352	989955	70.5	0V			1.0000E-04
2	4.244	diesel	2699.3340	26.1002%	20389848	543544	375.1	2	0	-64.63	1.3239E-05
3	22.756	motor oil	659.4132	6.3760%	44002404	147040	299.3	2	0	-28.88	1.4985E-05

TOTAL AMOUNT = 10342.1826

Handwritten:
 $\frac{247900}{12108} = 20479.2$
 $20479.2 \times RF = \frac{3076}{1000} = 3.1$
 PH, DL < C10-C28

Data File = G:AR42428.PTS Printed on 12-31-1994 at 13:21:43
 Start time: 0.00 min. Stop time: 38.00 min. Offset: 5 mv.
 Full Range: 200 millivolts



Handwritten: MW-2 diesel

Handwritten: TDN

Processed: 12-30-1994 18:41:06, segment 3, cycle 3
 RAW DATA SAVED IN FILE G:AR4243.PTS Second Channel Stored in G:BR4243.PTS

*****EXTERNAL STANDARD TABLE*****
 ***** 12-30-1994 18:41:59 Version 5.1.5 *****
 * Sample Name: Diesel W7002 Data File: G:AR4243 *
 * Date: 12-30-1994 18:02:57 Method: M:AHC11 12-08-1994 10:20:15 # 254 *
 * Interface: 4 Cycle#: 3 Operator TDN Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 5 Threshold: 1 Area Threshold: 500 *

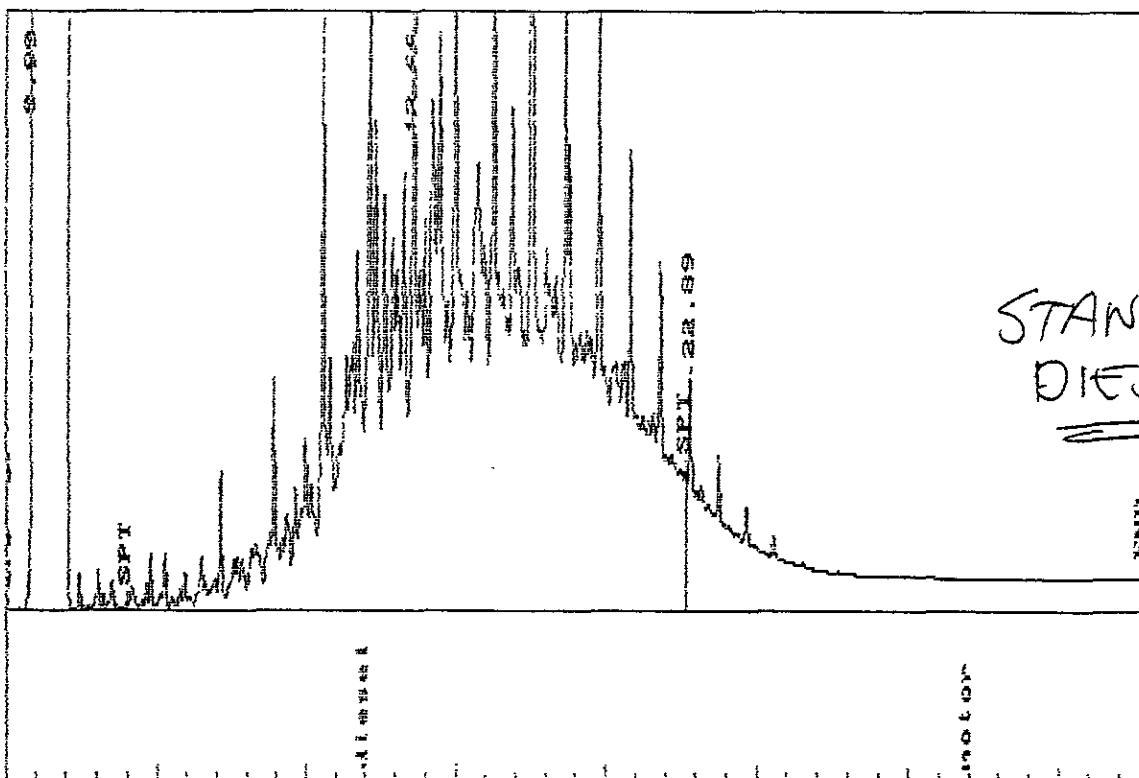
 Starting Delay: 0.00 Ending retention time: 38.00
 Area reject: 10000 One sample per 0.602 sec.
 Amount injected: 1.00 Dilution factor: 1.00
 Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/mL	NORMALIZED CONC	AREA	AREA/ HEIGHT	HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	0.903		5768.0356	83.7447%	57680356	990035	58.3 0V			1.0000E-04
2	13.655	diesel	987.2360	14.3334%	76654616	330628	231.8 2	0	13.79	1.2879E-05
3	22.886	motor oil	132.3722	1.9219%	13583428	75329	180.3 2	0	-28.48	9.7451E-06
TOTAL AMOUNT =			6887.6436							

$\frac{987}{1000} = 993$
 $RF \frac{1000}{76655} = 0.0130$

Data File = G:AR4243.PTS Printed on 12-30-1994 at 18:42:04
 Start times: 0.00 min. Stop times: 38.00 min. Offset: 5 mv.
 Full Range: 200 millivolts

TDN



STANDARD DIESEL