



Sequoia Analytical

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233
 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-0673
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

MPDS Services
 2401 Stanwell Dr., Ste. 300
 Concord, CA 94520
 Attention: Jarrel Crider

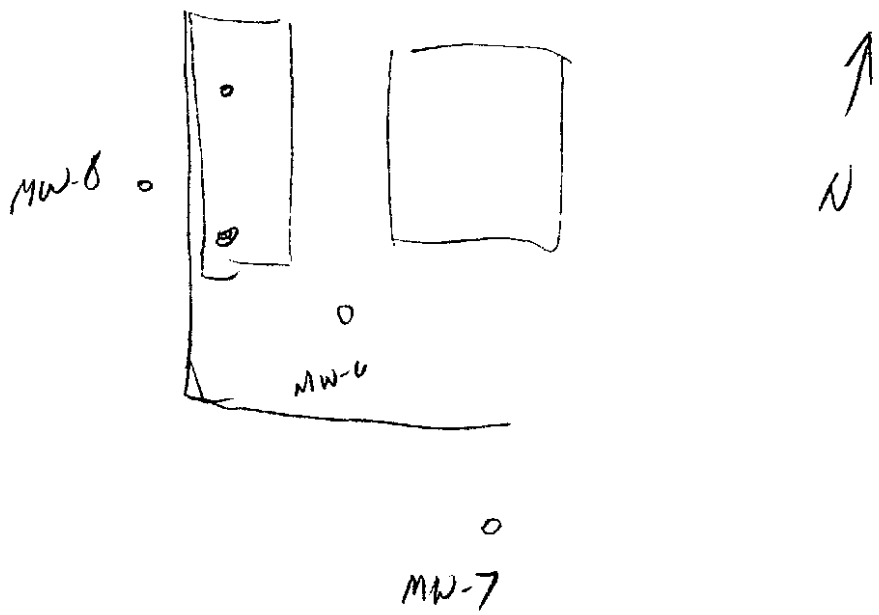
Client Project ID: Tosco, #5043, 499 Hegenberger Rd.
 Matrix Descript: Water Oakland
 Analysis Method: EPA 5030/8015 Mod./8020
 First Sample #: 705-1808

Sampled: May 27, 1997
 Received: May 29, 1997
 Reported: Jun 5, 1997

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Purgeable Hydrocarbons µg/L	Benzene µg/L	Toluene µg/L	Ethyl Benzene µg/L	Total Xylenes µg/L
705-1808	MW 3A	670	8.5	ND	ND	ND
705-1809	MW 7	68	ND	ND	ND	ND
705-1810	MW 8	310	0.88	0.67	15	70

RECEIVED
 1:16 pm, Apr 30, 2009
 Alameda County
 Environmental Health



Detection Limits:	50	0.50	0.50	0.50	0.50
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Total Purgeable Petroleum Hydrocarbons are quantitated against a fresh gasoline standard.
 Analytes reported as ND were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File
 Alan B. Kemp
 Project Manager



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Attention: Jarrel Crider

Client Project ID: Tosco, #5043, 499 Hegenberger Rd.
Matrix Descript: Water Oakland
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 705-1808

Sampled: May 27, 1997
Received: May 29, 1997
Reported: Jun 5, 1997

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Chromatogram Pattern	DL Mult. Factor	Date Analyzed	Instrument ID	Surrogate Recovery, % QC Limits: 70-130
705-1808	MW 3A	Gasoline	10	6-4-97	HP-4	93
705-1809	MW 7	Gasoline	1.0	6-3-97	HP-4	100
705-1810	MW 8	Gasoline	1.0	6-3-97	HP-4	89

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Project Manager



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MPDS Services
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Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Tosco, #5043, 498 Hegenberger Rd.
Sample Descript: Water Oakland
Analysis for: MTBE (Modified EPA 8020)
First Sample #: 705-1808

Sampled: May 27, 1997
Received: May 29, 1997
Analyzed: Jun 3, 1997
Reported: Jun 5, 1997

LABORATORY ANALYSIS FOR: MTBE (Modified EPA 8020)

Sample Number	Sample Description	Detection Limit µg/L	Sample Result µg/L
705-1808	MW 3A	25	250
705-1809	MW 7	5.0	N.D.
705-1810	MW 8	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Grider

Client Project ID: Tosco, #5043, 499 Hegenberger Rd., Oakland
Matrix: Liquid

QC Sample Group: 7051808-810

Reported: Jun 5, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC080397 802004A	GC080397 802004A	GC080397 802004A	GC080397 802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	7051571	7051571	7051571	7051571
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	6/3/97	6/3/97	6/3/97	6/3/97
Analyzed Date:	6/3/97	6/3/97	6/3/97	6/3/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Result:	16	17	16	50
MS % Recovery:	80	85	80	83
Dup. Result:	17	18	17	54
MSD % Recov.:	85	90	85	90
RPD:	6.1	5.7	6.1	7.7
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	4LCS080397	4LCS080397	4LCS080397	4LCS080397
Prepared Date:	6/3/97	6/3/97	6/3/97	6/3/97
Analyzed Date:	6/3/97	6/3/97	6/3/97	6/3/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	18	19	18	58
LCS % Recov.:	80	95	80	93

MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130
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Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.
** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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Signature on File

Alan B. Kemp
Project Manager

2401 Stanwell Drive, Suite 400, Concord, CA 94520
 Tel: (510) 602-5120 Fax: (510) 688-1918

NO: 144
 DATE: 06/19/97
 TIME: 13:21

510 988 9673

SEQUOIA ANALYTICAL

SAMPLER			UNOCAL Tosco					ANALYSES REQUESTED							TURN AROUND TIME		
WITNESSING AGENCY			ADDRESS: 499 Hegenberger Rd.					TPH-C	BTXE	MTBE							
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION										
NW3A	5-22-92		/			2		/	/	/				7051808A-B			
NW7	"		/			2		/	/	/				7051809			
NW8	"		/			2		/	/	/				7051810			

3 day
 REMARKS

RELINQUISHED BY: <i>[Signature]</i>	DATE/TIME: 5/29/97 11:12	RECEIVED BY: <i>[Signature]</i>	THE FOLLOWING MUST BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:		
SIGNATURE: <i>[Signature]</i>	DATE/TIME: 5/29/97 11:55	SIGNATURE: <i>[Signature]</i>	1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE?	Y	
SIGNATURE: <i>[Signature]</i>		SIGNATURE: <i>[Signature]</i>	2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED?	Y	
SIGNATURE: <i>[Signature]</i>		SIGNATURE: <i>[Signature]</i>	3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE?	N	
SIGNATURE: <i>[Signature]</i>		SIGNATURE: <i>[Signature]</i>	4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED?	Y	
SIGNATURE: <i>[Signature]</i>		SIGNATURE: <i>[Signature]</i>	TITLE: Analyst	DATE: 5/29/97	

FACSIMILE TRANSMISSION

To:

Name: DAVE DE WITT
Company: Tosco Marketing
Fax #: 277-2309

From:

Val Best

SEQUOIA ANALYTICAL, Walnut Creek
Telephone: (510) 988-9600
FAX: (510) 988-9673

Date: 6-19-97

Number of Pages (Including this page): 9

Comments: Faxing OVER COPIES of Reports # 70160076
and # 7051808
PER Mr. Kemp.

If you have any problems receiving this transmission, please call (510) 686-9600. Because access to receiving equipment is not under our control, Sequoia Analytical cannot be responsible for the confidentiality of electronically transmitted data.



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MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Tosco #5043, 499 Hegenberger Rd., Oakland
Sample Matrix: Water
Analysis Method: EPA 3510/8015 Mod.
First Sample #: 706-0076

Sampled: Jun 1, 1997
Received: Jun 2, 1997
Reported: Jun 11, 1997

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit µg/L	Sample I.D. 706-0076 MW 3A *	Sample I.D. 706-0077 MW 7 *	Sample I.D. 706-0078 MW 8 *
Extractable Hydrocarbons	50	610	69	320

Chromatogram Pattern:

Diesel & Unidentified Hydrocarbons > C20	Diesel & Unidentified Hydrocarbons > C20	Diesel & Unidentified Hydrocarbons < C15, > C20
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Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Extracted:	6/5/97	6/5/97	6/5/97
Date Analyzed:	6/10/97	6/10/97	6/10/97
Instrument Identification:	HP-3A	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Signature on File

Alan B. Kemp
Project Manager

Please Note:

* This sample appears to contain diesel and non-diesel mixtures. "Unidentified Hydrocarbons < C 15" are probably gasoline; "> C 20" refers to unidentified peaks in the total oil and grease range.



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MPDS Services
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 Concord, CA 94520
 Attention: Jarrel Crider

Client Project ID: Tosco #5043, 499 Hegenberger Rd., Oakland
 Matrix: Liquid

QC Sample Group: 7060076-078

Reported: Jun 11, 1997

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
Method:	EPA 8015
Analyst:	EPA 3510

MS/MSD
Batch#: BLK060597

Date Prepared: 6/5/97
Date Analyzed: 6/9/97
Instrument I.D.#: HP-3A
Conc. Spiked: 300 µg/L

Matrix Spike
% Recovery: 83

Matrix Spike
Duplicate %
Recovery: 90

Relative %
Difference: 7.7

LCS Batch#: LCS060597

Date Prepared: 6/5/97
Date Analyzed: 6/9/97
Instrument I.D.#: HP-3A

LCS %
Recovery: 90

% Recovery Control Limits:	60-140
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SEQUOIA ANALYTICAL, #1271

Signature on File
 Alan B. Kemp
 Project Manager

CHAIN OF CUSTODY

9706026

SAMPLER <i>John Giddings</i>			TOSCO S/S # <i>5043</i> CITY: <i>Oakland</i>					ANALYSES REQUESTED						TURN AROUND TIME: <i>5 days</i>		
WITNESSING AGENCY			ADDRESS: <i>4999 Hagenberg</i>					<i>TPH-D</i>								REMARKS
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION									
<i>MW3A</i>	<i>6-1-97</i>		<i>/</i>						<i>/</i>		<i>7060076</i>					
<i>MW7</i>	<i>"</i>		<i>/</i>						<i>/</i>		<i>7060077</i>					
<i>MW8</i>	<i>"</i>		<i>/</i>					<i>/</i>		<i>7060078</i>						
RELINQUISHED BY:			DATE/TIME	RECEIVED BY:			DATE/TIME	THE FOLLOWING <u>MUST BE</u> COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:								
<i>John Giddings</i>			<i>6/1 12:40</i>	<i>[Signature]</i>				1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? <u><i>Y</i></u>								
<i>[Signature]</i>				<i>[Signature]</i>				2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? <u><i>Y</i></u>								
<i>[Signature]</i>				<i>[Signature]</i>				3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? <u><i>N</i></u>								
<i>[Signature]</i>				<i>[Signature]</i>				4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? <u><i>Y</i></u>								
<i>[Signature]</i>				<i>[Signature]</i>			<i>6/2/97 12:40</i>	SIGNATURE: <i>[Signature]</i>		TITLE: <i>Analyst</i>		DATE: <i>6/2/97</i>				

Note: All water containers to be sampled for TPHG/BTEX, 8010 & 8240 are preserved with HCL. All water containers to be sampled for Lead or Metals are preserved with HNO3. All other containers unpreserved.

SEQUOIA ANALYTICAL 510 988 9673 06/19/97 13:21 :04/09 NO:144