

ADVANCED ASSESSMENT AND REMEDIATION SERVICES
2380 Salvio Street, Suite 202
Concord, CA 94520
Ph: (925) 363-1999 E-mail: gars@earthlink.net

FAX COVER SHEET

No. of pages including cover: 12.

Date: 12-14-03

Sent by: Tridib Guha

SENT TO:

Organization: ACDEH
Attention: Mr. Don Hwang
Phone: 510-567-6746
Fax: 510-337-9335

MESSAGE:

Ref.: Sekhon Gas Station, 6600 Foothill Blvd., Oakland, CA
Your STID#3985

Hwang, Don, Env. Health

From: Tridib Guha [aars@earthlink.net]
Sent: Sunday, December 14, 2003 7:46 AM
To: dhwang@co.alameda.ca.us
Subject: FW: Status - Sekhon Gas Sta. 6600 Foothill Blvd., Oakland

Don:

For the above facility, Q & M sampling was completed on 11/13/03. This time samples were analyzed at Entech Analytical Labs. However, the results are inconsistent with the previous ones. I did talk to Entech's QA/QC Manager and meet with their Lab Director and QA/QC Manager on 12/10/03. I became very confused looking at all the chromatograms. I am also very confused with their explanation. Just wanted to keep you informed what causing delay in submittal of Q&M Report (I can't even start). I am faxing you the recent lab results and historical Table for comparison. I am going on vacation tomorrow and I will deal with the situation when I get back (12/22/03). Thank you.
Happy Holidays!
Tridib

Tridib Guha
aars@earthlink.net
Why Wait? Move to EarthLink.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Advanced Assessment & Remediation Services
 2380 Salvio Street, Suite 202
 Concord, CA 94520
 Attn: Tridib Guha

Date: 11/20/03
 Date Received: 11/13/2003
 Project Name:
 Project Number: Sekhon Gas Station
 P.O. Number: Sekhon
 Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-005	Client Sample ID: MW-5/GW								
Sample Time: 12:20 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		20	0.5	10	µg/L	N/A	11/15/2003	WGC62992	BPA 8020
Toluene	ND		20	0.5	10	µg/L	N/A	11/15/2003	WGC62992	BPA 8020
Ethyl Benzene	ND		20	0.5	10	µg/L	N/A	11/15/2003	WGC62992	EPA 8020
Xylenes, Total	ND		20	1	20	µg/L	N/A	11/15/2003	WGC62992	BPA 8020
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						78.6			65 - 135	

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1900	x	20	50	1000	µg/L	N/A	11/15/2003	WGC62992	BPA 8015 MOD. (Purgeable)
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						70.9			65 - 135	

Comment: Reported TPH as Gasoline value is the result of high concentration discrete peak (MTBB) within the TPH as Gasoline quantitation range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA EILAP #2346)


 Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Advanced Assessment & Remediation Services
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Attn: Tridib Guha

Date: 11/20/03
Date Received: 11/13/2003
Project Name:
Project Number: Sekhon Gas Station
P.O. Number: Sekhon
Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-006	Client Sample ID: MW-G/GW								
Sample Time: 12:40 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	300		50	0.5	25	µg/L	N/A	11/18/2003	WQC62992B	EPA 8020
Toluene	ND		50	0.5	25	µg/L	N/A	11/18/2003	WQC62992B	EPA 8020
Ethyl Benzene	ND		30	0.5	25	µg/L	N/A	11/18/2003	WQC62992B	EPA 8020
Xylenes, Total	52		50	1	50	µg/L	N/A	11/18/2003	WQC62992B	EPA 8020
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						67.3			65 - 135	
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	11000	x	50	50	2500	µg/L	N/A	11/18/2003	WQC62992B	EPA 8015 MQD. (Purgeable)
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						72.5			65 - 135	

Comment: Reported TPH as Gasoline value is the result of high concentration MTBB within the TPH as Gasoline quantitation range.


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA BEAP #2346)



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Advanced Assessment & Remediation Services

2380 Salvia Street, Suite 202

Concord, CA 94520

Attn: Tridib Guha

Date: 11/20/03

Date Received: 11/13/2003

Project Name:

Project Number: Sekhon Gas Station

P.O. Number: Sekhon

Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-001	Client Sample ID: MW-1/GW								
Sample Time: 10:00 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	22000		2000	10	20000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Methyl-t-butyl Ether	72000		2000	1	2000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Diisopropyl Ether	ND		2000	5	10000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Ethyl-t-butyl Ether	ND		2000	5	10000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
tert-Amyl Methyl Ether	ND		2000	5	10000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Surrogate						Surrogate Recovery		Control Limits (%)		
4-Bromofluorobenzene						105.0		68 - 118		
Dibromofluoromethane						124.0		57 - 156		
Toluene-d8						123.0		77 - 150		

Order ID: 36574	Lab Sample ID: 36574-002	Client Sample ID: MW-2/GW								
Sample Time: 12:00 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	11000		1000	10	10000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Methyl-t-butyl Ether	47000		1000	1	1000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Diisopropyl Ether	ND		1000	5	5000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Ethyl-t-butyl Ether	ND		1000	5	5000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
tert-Amyl Methyl Ether	ND		1000	5	5000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Surrogate						Surrogate Recovery		Control Limits (%)		
4-Bromofluorobenzene						101.0		68 - 118		
Dibromofluoromethane						136.0		57 - 156		
Toluene-d8						125.0		77 - 150		


DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA BLAP #2346)


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Advanced Assessment & Remediation Services
2380 Salvio Street, Suite 202
Concord, CA 94520
Attn: Tridib Guha

Date: 11/20/03
Date Received: 11/13/2003
Project Name:
Project Number: Sekhon Gas Station
P.O. Number: Sekhon
Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-003	Client Sample ID: MW-3/GW								
Sample Time: 11:20 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	27		1	10	10	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Methyl-t-butyl Ether	37		1	1	1	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Dilisopropyl Ether	ND		1	5	5	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Ethyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Surrogate							Surrogate Recovery		Control Limits (%)	
4-Bromofluorobenzene							112.0		68 - 118	
Dibromofluoromethane							135.0		57 - 156	
Toluene-d8							122.0		77 - 150	

Order ID: 36574	Lab Sample ID: 36574-004	Client Sample ID: MW-4/GW								
Sample Time: 11:40 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	4500		400	10	4000	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Methyl-t-butyl Ether	16000		400	1	400	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Dilisopropyl Ether	ND		400	5	2000	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Ethyl-t-butyl Ether	ND		400	5	2000	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
tert-Amyl Methyl Ether	ND		400	5	2000	µg/L	N/A	11/17/2003	WMS110361	BPA 8260B
Surrogate							Surrogate Recovery		Control Limits (%)	
4-Bromofluorobenzene							102.0		68 - 118	
Dibromofluoromethane							130.0		57 - 156	
Toluene-d8							121.0		77 - 150	

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

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Advanced Assessment & Remediation Services

2380 Salvio Street, Suite 202

Concord, CA 94520

Attn: Tridib Guba

Date: 11/20/03

Date Received: 11/13/2003

Project Name:

Project Number: Sekhon Gas Station

P.O. Number: Sekhon

Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-005	Client Sample ID: MW-5/GW								
Sample Time: 12:20 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	3100		50	10	500	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Methyl-t-butyl Ether	3400		50	1	50	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Diisopropyl Ether	ND		50	5	250	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Ethyl-t-butyl Ether	ND		50	5	250	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
tert-Amyl Methyl Ether	ND		50	5	250	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
		Surrogate		Surrogate Recovery		Control Limits (%)				
		4-Bromofluorobenzene		103.0		68 - 118				
		Dibromofluoromethane		132.0		57 - 156				
		Toluene-d8		123.0		77 - 150				

Order ID: 36574	Lab Sample ID: 36574-006	Client Sample ID: MW-6/GW								
Sample Time: 12:40 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
tert-Butanol (TBA)	ND		500	10	5000	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Methyl-t-butyl Ether	18000		500	1	500	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
Ethyl-t-butyl Ether	ND		500	5	2500	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	N/A	11/17/2003	WMS110361	EPA 8260B
		Surrogate		Surrogate Recovery		Control Limits (%)				
		4-Bromofluorobenzene		101.0		68 - 118				
		Dibromofluoromethane		120.0		57 - 156				
		Toluene-d8		125.0		77 - 150				

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


Patti Sandbrook, QA/QC Manager

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Advanced Assessment & Remediation Services
2380 Salvio Street, Suite 202
Concord, CA 94520
Attn: Tridib Gula

Date: 11/20/03
Date Received: 11/13/2003
Project Name:
Project Number: Sekhon Gas Station
P.O. Number: Sekhon
Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-003	Client Sample ID: MW-3/GW								
Sample Time: 11:20 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Xylenes, Total	ND		1	1	1	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
				Surrogate			Surrogate Recovery		Control Limits (%)	
				4-Bromofluorobenzene			81.0		65 - 135	

Certified Analytical Report

Order ID: 36574

Lab Sample ID: 36574-004

Client Sample ID: MW-4/GW

Sample Time: 11:40 AM

Sample Date: 11/13/2003

Matrix: Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	49		20	0.5	10	µg/l.	N/A	11/14/2003	WGC62992	BPA 8020
Toluene	ND		20	0.5	10	µg/l.	N/A	11/14/2003	WGC62992	BPA 8020
Ethyl Benzene	340		20	0.5	10	µg/L	N/A	11/14/2003	WGC62992	BPA 8020
Xylenes, Total	900		20	1	20	µg/L	N/A	11/14/2003	WGC62992	BPA 8020
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						86.1			65 - 135	

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	11000	x	20	50	1000	µg/L	N/A	11/14/2003	WGC62992	BPA 8015 MOD. (Purgeable)
Surrogate						Surrogate Recovery			Control Limits (%)	
4-Bromofluorobenzene						80.7			65 - 135	

Comment: Reported TPH as Gasoline value is the result of high concentration discrete peak (MTBB) within the TPH as Gasoline quantitation range.

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA BLAP #2346)


Patti Sandrock, QA/QC Manager

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Advanced Assessment & Remediation Services
 2380 Salvio Street, Suite 202
 Concord, CA 94520
 Attn: Tridib Guha

Date: 11/20/03
 Date Received: 11/13/2003
 Project Name:
 Project Number: Sekhon Gas Station
 P.O. Number: Sekhon
 Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-003	Client Sample ID: MW-3/GW								
Sample Time: 11:20 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
Xylenes, Total	ND		1	1	1	µg/L	N/A	11/17/2003	WGC62992B	EPA 8020
						Surrogate	Surrogate Recovery		Control Limits (%)	
						4-Bromofluorobenzene	81.0		65 - 135	
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	11/17/2003	WGC62992B	EPA 8015 MOD. (Purgeable)
						Surrogate	Surrogate Recovery		Control Limits (%)	
						4-Bromofluorobenzene	82.5		65 - 135	

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


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 Attn: Tridib Guha

Date: 11/20/03
 Date Received: 11/13/2003
 Project Name:
 Project Number: Sekhon Gas Station
 P.O. Number: Sekhon
 Sampled By:

TABLE 2: SUMMARY OF ANALYTICAL RESULTS OF GROUNDWATER SAMPLING
Sekhon Gas Station
6600 Foothill Boulevard, Oakland, California

Sample ID	Date of Sampling	TPHg ug/L	MTBE ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Xylenes ug/L
MW-1 GW	6/13/01	ND	130	ND	ND	ND	ND
MW-1 GW	3/21/02	95	72.5	ND	ND	ND	ND
MW-1 GW	7/9/02	ND	208	ND	ND	ND	ND
MW-1 GW	7/11/03	ND	636	0.7	ND	ND	1.2
MW-2 GW	6/13/01	5800	94000*	160	210	290	980
MW-2 GW	3/21/02	452	79100*	3.4	ND	1.6	2.1
MW-2 GW	7/9/02	497	37600*	61.6	ND	ND	1.6
MW-2 GW	7/11/03	553	38200*	48.9	ND	ND	ND
MW-3 GW	6/13/01	300	450	1	ND	0.07	2
MW-3 GW	3/21/02	274	7520	1.1	ND	1	2.5
MW-3 GW	7/9/02	ND	40.8	ND	ND	ND	ND
MW-3 GW	7/11/03	ND	24.3	ND	ND	ND	ND
MW-4 GW	7/9/02	9680	28300	43	17	369	1990
MW-4 GW	7/11/03	3170	16600	16.5	6.4	71.7	244
MW-5 GW	7/9/02	275	18600	30.2	ND	ND	3
MW-5 GW	7/11/03	890	5090	10	0.6	ND	7.1
MW-6 GW	7/9/02	12000	11300	432	22	637	1740
MW-6 GW	7/11/03	2970	18000	534	6.3	70.1	278
SB-1 GW	6/27/02	554	74.1	1	0.8	11.6	76.2
SB-2 GW	6/27/02	3000	485*	95.6	10.2	394	831
RL		50	0.5	0.5	0.5	0.5	1

Notes:

ND- Not Detected RL- Reporting Limit

ug/L- Microgram per liter (parts per billion)

TPHg- Total petroleum hydrocarbon as gasoline (EPA method modified 8015;

MTBE- Methyl Tertiary Butyl Ether (EPA Method 8020;

BTEX- Benzene, toluene, ethylbenzene, and xylenes (EPA Method 8020;

* Confirmed by GC/MS method 8260B

Entech Analytical Labs, Inc.

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November 25, 2003

Tridib Guha

Advanced Assessment & Remediation Services

2380 Salvio Street, Suite 202

Concord, CA 94520

Order: 36574
Date Collected: 11/13/2003
Project Name:
Date Received: 11/13/2003
Project Number: Sekhon Gas Station
P.O. Number: Sekhon
Project Notes: Narration added for qualified TPH as Gasoline results on sample 36574-001 and 36574-002.

On November 13, 2003, samples were received under documented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	EDF Deliverables	EDF
	Gas/BTEX	BPA 8015 MOD. (Purgeable)
		EPA 8020
	Oxygenates by BPA 8260B	EPA 8260B

Case Narrative: Due to the requirement imposed by EPA 8015B and/or EPA 8015B (MOD), everything present under the curve for TPH as Gasoline (C4-C12) must be reported. As a result, discrete peaks of MTBE (eluting at C5) will be included in TPH as Gasoline concentrations and qualified with an "x" flag to indicate that the reported TPH as Gasoline result is not typical of a true TPH as Gasoline pattern. The result is further narrated to state that the reported value is due to a discrete peak of MTBE. For samples 36574-001 (MW-1/GW) and 36574-002 (MW-2/GW) this is especially significant as all of the TPH as Gasoline value reported is due to the presence of MTBE. If the EPA methodologies allowed for discrete peak corrections in the final reporting of TPH as Gasoline, both samples would be "ND" at 5000 ppb and 2500 ppb, respectively.

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,



Patti Sandrock
QA/QC Manager

Entech Analytical Labs, Inc.

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Advanced Assessment & Remediation Services
 2380 Salvio Street, Suite 202
 Concord, CA 94520
 Attn: Tridib Guha

Date: 11/20/03
 Date Received: 11/13/2003
 Project Name:
 Project Number: Sokhon Gas Station
 P.O. Number: Sokhon
 Sampled By:

Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-001	Client Sample ID: MW-1/GW								
Sample Time: 10:00 AM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		100	0.5	50	µg/l.	N/A	11/18/2003	WGC42993	EPA 8020
Toluene	ND		100	0.5	50	µg/L	N/A	11/18/2003	WGC42993	EPA 8020
Ethyl Benzene	ND		100	0.5	50	µg/L	N/A	11/18/2003	WGC42993	EPA 8020
Xylenes, Total	ND		100	1	100	µg/L	N/A	11/18/2003	WGC42993	EPA 8020
Surrogate						Surrogate Recovery		Control Limits (%)		
4-Bromofluorobenzene						101.2		65 - 135		

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	32000	x	100	50	5000	µg/L	N/A	11/18/2003	WGC42993	EPA 8015 MOD. (Purgeable)
Surrogate						Surrogate Recovery		Control Limits (%)		
4-Bromofluorobenzene						99.1		65 - 135		

Comment: TPH as Gasoline value is the result of high concentrations of MTBB within the TPH as Gasoline quantitation range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA EILAP #2346)


 Patti Sandrock, QA/QC Manager

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Advanced Assessment & Remediation Services
 2380 Salvia Street, Suite 202
 Concord, CA 94520
 Attn: Tridib Guha

Date: 11/20/03
 Date Received: 11/13/2003
 Project Name:
 Project Number: Sekhon Gas Station
 P.O. Number: Sekhon
 Sampled By:


Certified Analytical Report

Order ID: 36574	Lab Sample ID: 36574-002	Client Sample ID: MW-2/GW								
Sample Time: 12:00 PM	Sample Date: 11/13/2003	Matrix: Liquid								
Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		50	0.5	25	µg/L	N/A	11/18/2003	WGCA2993	EPA 8020
Toluene	ND		50	0.5	25	µg/L	N/A	11/18/2003	WGCA2993	EPA 8020
Ethyl Benzene	ND		50	0.5	25	µg/L	N/A	11/18/2003	WGCA2993	EPA 8020
Xylenes, Total	ND		50	1	50	µg/L	N/A	11/18/2003	WGCA2993	EPA 8020
						Surrogate	Surrogate Recovery		Control Limits (%)	
						4-Bromofluorobenzene	99.5		65 - 135	

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	20000	x	50	50	2500	µg/L	N/A	11/18/2003	WGCA2993	EPA 8015 MOD. (Purgeable)
						Surrogate	Surrogate Recovery		Control Limits (%)	
						4-Bromofluorobenzene	98.5		65 - 135	

Comment: TPH as Gasoline value is the result of high concentrations of MTIB within the TPH as Gasoline quantitation range.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit
 Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)


 Patti Sandrock, QA/QC Manager

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DP = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)



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