

WSW-SAMP-R-2002-B-27  
**CLEARWATER GROUP**

August 27, 2002

Mr. Scott O. Seery, CHMM  
Alameda County Health Care Services Agency  
Environmental Health Service, Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Alameda County  
SEP 4 2002  
Environmental Health

Re: **Water Sample Collected on August 20, 2002**  
Sunol Tree Gas  
3004 Andrade Road, Sunol, California 94586  
Project # CB021C

Dear Mr. Seery:

Clearwater Group, Inc. (Clearwater) is forwarding you a copy of the analytical report from a water sample collected at Sunol Tree Gas on August 20, 2002. On August 20, 2002, a Clearwater representative collected a water sample from the faucet on the south side of the gas station. This faucet is connected to a water supply well that has been under scrutiny in the past. Clearwater sent this water sample to Kiff Analytical in Davis, California for TPH-g, BTEX, and MTBE by EPA method 8260B. According to the preliminary results it appears that the faucet supplied by the on site water well is not impacted with hydrocarbons or MTBE. This is provided to you for your information.

Sincerely,



Brian Pierskalla  
Project Manger  
Clearwater Group, Inc.

Cc: Mr. Murray Kelsoe, P.O. Box 176, Alamo, CA 94507



Report Number : 28154

Date : 8/28/2002

Brian Pierskalla  
Clearwater Group  
229 Tewksbury Avenue  
Point Richmond, CA 94801

**Alameda County**  
**SEP 04 2002**  
**Environmental Health**

Subject : 1 Water Sample  
Project Name : SUNOL TREE GAS  
Project Number : CB021C  
P.O. Number : 8488

Dear Mr. Pierskalla,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink that reads "Joel Kiff". The signature is written in a cursive style with a large initial "J".

Joel Kiff



Report Number : 28154

Date : 8/28/2002

Project Name : **SUNOL TREE GAS**

Project Number : **CB021C**

Sample : **FW-1**

Matrix : Water

Lab Number : 28154-01

Sample Date :8/20/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
<b>Benzene</b>	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
<b>Toluene</b>	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
<b>Ethylbenzene</b>	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
<b>Total Xylenes</b>	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
<b>Methyl-t-butyl ether (MTBE)</b>	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
<b>TPH as Gasoline</b>	< 50	50	ug/L	EPA 8260B	8/24/2002
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	8/24/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/24/2002

Approved By:  Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 28154

Date : 8/28/2002

**QC Report : Method Blank Data**

Project Name : **SUNOL TREE GAS**

Project Number : **CB021C**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/24/2002
Toluene - dB (Surr)	102		%	EPA 8260B	8/24/2002
4-Bromofluorobenzene (Surr)	98.8		%	EPA 8260B	8/24/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



Report Number : 28154

Date : 8/28/2002

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **SUNOL TREE GAS**

Project Number : **CB021C**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	28154-01	<0.50	40.0	40.0	42.6	41.4	ug/L	EPA 8260B	8/24/02	106	103	2.91	70-130	25
Toluene	28154-01	<0.50	40.0	40.0	42.3	40.8	ug/L	EPA 8260B	8/24/02	106	102	3.63	70-130	25
Tert-Butanol	28154-01	<5.0	200	200	218	218	ug/L	EPA 8260B	8/24/02	109	109	0.0275	70-130	25
Methyl-t-Butyl Ether	28154-01	<0.50	40.0	40.0	37.9	37.5	ug/L	EPA 8260B	8/24/02	94.8	93.8	1.03	70-130	25

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Approved By: Joel Kiff



Report Number : 28154

Date : 8/28/2002

**QC Report : Laboratory Control Sample (LCS)**

Project Name : **SUNOL TREE GAS**

Project Number : **CB021C**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/24/02	102	70-130
Toluene	40.0	ug/L	EPA 8260B	8/24/02	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/24/02	109	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/24/02	87.7	70-130

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Approved By:

  
Joel Kiff



720 Olive Drive, Suite D  
 Davis, CA 95616  
 Lab: 530.297.4800  
 Fax: 530.297.4803

Lab No 28154 Page 1 of 1

Project Manager: B. Pierskalla Phone No.: 510-307-9943 x229 Chain-of-Custody Record and Analysis Request

Company/Address: 229 Temsburgy Ave, Pt Richmond CA 94801 FAX No.: 510-232-2823 Analysis Request

Project Number: CBOZIC P.O. No.: \_\_\_\_\_ Email Address: \_\_\_\_\_  
 .pdf  .xls  .doc  other

Project Name: SUNOL Tree GAS Sampler Signature: B. Pierskalla

Project Location: 3004 ANDRADE RD SUNOL

Sample Designation	Sampling		Container		Preservative				Matrix		BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT	12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only			
	Date	Time	40 ml VOA	SLEEVE	HCl	HNO <sub>3</sub>	ICE	NONE	WATER	SOIL																			
<u>FW-1</u>	<u>8/20/02</u>	<u>1600</u>	<u>5</u>		<u>X</u>				<u>X</u>					<u>X</u>															

Relinquished by: B. Pierskalla Date: 8/21/02 Time: 1230 Received by: \_\_\_\_\_ Remarks: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: 08/21/02 Time: 1226 Received by Laboratory: John Curtis/Kiff Bill to: \_\_\_\_\_