

THE SUTTON GROUP

1480 MORAGA ROAD
SUITE I PMB 395
MORAGA CA, 94556

SOILS, FOUNDATIONS, DRAINAGE, CONTAINMENTS
CIVIL, GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

PHONE (925) 631-1688
FAX (925) 631-1371

September 21, 1999

Response to 9/30/99

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, 94580

SUBJECT:

**RESULTS OF QUARTERLY SAMPLING OF GROUND WATER MONITORING WELLS
FORMER GASOLINE TANK SITE CLOSURE
2600 GRANT AVE., SAN LORENZO, CA
OLSD PO No. 4911, SG FILE No. 3022.9**

ST ID 1996

Dear Mike:

We attach results for the third round of quarterly sampling of the three ground water monitoring wells in the general vicinity of the District's Engineering Department office building. This work has been performed in accordance with Contract Amendment Number 6, and with the Work Plan for this project dated December 18, 1998. The Work Plan was approved by Alameda County Health Care Agency's Environmental Protection Division (LOP) in their letter dated January 26, 1999. The wells were installed in February 1999. Documentation and the first sampling results were conveyed to Alameda County in our report dated March 16, 1999. The sampling program was concurred by LOP in their letter dated March 31, 1999.

Sampling Results

Water samples were collected from each of the wells on August 30, 1999. Additionally, a trip blank was prepared by the laboratory and accompanied the sample containers as a monitor of possible relict contamination. Since all the samples were 'non-detect' the blank was not analyzed. The attached table is a summary of the water sample analyses for gasoline and its key constituents.

A review of Sequoia Analytical's report dated September 7, 1999 indicated no detection of BTEX or MTBE. The reporting limit for MTBE analysis by EPA 8015/8020 in this sampling round was 2µg/l, in accordance with RWQCB guidance

Future Sampling

The final quarterly water sampling for key gasoline constituents will be in November, 1999.

A copy of this report has been sent directly to Mr. Amir Gholami Alameda County Health Care Agency's Environmental Protection Division (LOP) in Alameda..

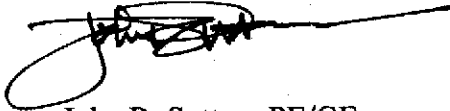
Mr. Mike Cortez
Oro Loma Sanitary District
September 21, 1999

Page 2

We appreciate the opportunity to be of continued service to The District. Please call me if you have questions or if I can assist you in any other way.

Yours truly,

THE SUTTON GROUP



John R. Sutton, PE/GE

Attachments: Summary of Ground Water Sample Analyses
Analytical Report, Sequoia Analytical, dated September 7, 1999.

Two Copies Sent
One copy sent to Mr. Amir Gholami at Alameda County (LOP)

SUMMARY OF GROUND WATER SAMPLE ANALYSES
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, BTEX AND MTBE
 EPA METHOD 8015M/8020M
 results in µg/l (ppb)

<i>SAMPLE LOCATION</i>	<i>SAMPLE DATE</i>	<i>GASOLINE</i>	<i>BENZENE</i>	<i>TOLUENE</i>	<i>ETHYL BENZENE</i>	<i>XYLENES (TOTAL)</i>	<i>MTBE</i>
MW-1	2/19/99	ND	ND	ND	ND	ND	ND
	5/10/99	ND	ND	ND	ND	ND	ND
	8/30/99	N/A	ND	ND	ND	ND	ND
MW-2	2/19/99	ND	ND	ND	ND	ND	ND
	5/10/99	ND	ND	ND	ND	ND	ND
	8/30/99	N/A	ND	ND	ND	ND	ND
MW-3	2/19/99	ND	ND	ND	ND	ND	1.49 ¹
	5/10/99	ND	ND	ND	ND	ND	1.54 ²
	8/30/99	N/A	ND	ND	ND	ND	ND
DUP (MW-3)	2/19/99	ND	ND	ND	ND	ND	N/A
TRIP BLANK	2/10-22/99	ND	ND	ND	ND	ND	N/A
	5/8-20/99	N/A	N/A	N/A	N/A	N/A	N/A
	8/27-31/99	N/A	N/A	N/A	N/A	N/A	N/A
REPORTING LIMITS		50.0	0.500	0.500	0.500	0.500	2.00

NOTES:

- ND Analyte not detected at stated reporting limit
- N/A Not analyzed
- 1. Analyzed by EPA method 8260B, reporting limit was 1 µg/l.
- 2. Estimated value below method reporting limit of 2 µg/l..

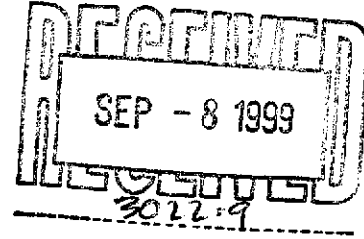
ORO LOMA SANITARY DISTRICT, STID 1996
 30229 tables for round 3: sampled on 8.30.99



Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

September 7, 1999



John Sutton, PE
The Sutton Group
1480 Moraga Road., Suite 1
Moraga, CA 94556-2006

RE: Oro Loma Sanitation District/P909006

Dear John Sutton, PE

Enclosed are the results of analyses for sample(s) received by the laboratory on August 31, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michelle M. Portis
Project Manager

CA ELAP Certificate Number I-2374





The Sutton Group 1480 Moraga Road., Suite 1 Moraga, CA 94556-2006	Project: Oro Loma Sanitation District Project Number: SG30229/Oro Loma Project Manager: John Sutton, PE	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/7/99
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ANALYTICAL REPORT FOR P909006

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
9083001	P909006-01	Water	8/30/99
9083002	P909006-02	Water	8/30/99
9083003	P909006-03	Water	8/30/99





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**BTEX by 8020M
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
9083001				P909006-01			Water	
Benzene	9090113	9/4/99	9/5/99		0.500	ND	ug/l	U
Toluene	"	"	"		0.500	ND	"	U
Ethylbenzene	"	"	"		0.500	ND	"	U
Xylenes (total)	"	"	"		0.500	ND	"	U
Methyl tert-butyl ether	"	"	"		2.00	ND	"	U
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		107	%	
9083002				P909006-02			Water	
Benzene	9090113	9/4/99	9/5/99		0.500	ND	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	U
Xylenes (total)	"	"	"		0.500	ND	"	U
Methyl tert-butyl ether	"	"	"		2.00	ND	"	U
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		101	%	
9083003				P909006-03			Water	
Benzene	9090113	9/4/99	9/5/99		0.500	ND	ug/l	U
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	U
Xylenes (total)	"	"	"		0.500	ND	"	U
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		106	%	





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BTEX by 8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9090113			Date Prepared: 9/4/99			Extraction Method: EPA 5030 waters				
Blank			9090113-BLK1							
Benzene	9/4/99			0.298	ug/l	0.500				J
Toluene	"			0.341	"	0.500				J
Ethylbenzene	"			0.342	"	0.500				J
Xylenes (total)	"			ND	"	0.500				U
Methyl tert-butyl ether	"			1.54	"	2.00				J
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		325	"	65.0-135	108			
LCS			9090113-BS1							
Benzene	9/4/99	100		90.0	ug/l	65.0-135	90.0			
Toluene	"	100		90.8	"	65.0-135	90.8			
Ethylbenzene	"	100		91.4	"	65.0-135	91.4			
Xylenes (total)	"	300		301	"	65.0-135	100			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		313	"	65.0-135	104			
Matrix Spike			9090113-MS1	P909039-01						
Benzene	9/4/99	100	0.974	107	ug/l	65.0-135	106			
Toluene	"	100	ND	115	"	65.0-135	115			
Ethylbenzene	"	100	3.01	105	"	65.0-135	102			
Xylenes (total)	"	300	ND	342	"	65.0-135	114			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		317	"	65.0-135	106			
Matrix Spike Dup			9090113-MSD1	P909039-01						
Benzene	9/4/99	100	0.974	110	ug/l	65.0-135	109	20.0	2.79	
Toluene	"	100	ND	116	"	65.0-135	116	20.0	0.866	
Ethylbenzene	"	100	3.01	108	"	65.0-135	105	20.0	2.90	
Xylenes (total)	"	300	ND	351	"	65.0-135	117	20.0	2.60	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	300		327	"	65.0-135	109			





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Notes and Definitions

#	Note
J	Estimated Value
U	Analyte included in the analysis, but not detected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference



Reporting Information:

P909006

THE SUTTON GROUP

Engineering and Environmental Services

~~ST. SURETY DRIVE~~

Moraga, California, 94556-2820

phone (925) 631-1688 fax (925) 631-1371
925 925

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

1. Client: CROLEMA SANITARY DIST.
 Address: 2600 GRANT AVENUE
SAN LORENZO CA
 Contact: _____
 Alt. Contact: _____

Lab Job Number: _____
 Lab Destination: SEQUOIA ANALYTICAL
 Date Samples Shipped: 8/31/99
 Lab Contact: MICHELLE PORTIS
 Date Results Required: 9/13/99
 Date Report Required: 9/13/99
 Client Phone No.: 925-631-1688
 Client FAX No.: 925-631-1371

Address Report To:

Send Invoice To:

2. JOHN SUTTON
THE SUTTON GROUP
 1480 MORAGA Road, Suite I,
 Moraga, CA, 94556-2006
 (925) 631-1688, FAX (925) 631-1371

3. THE SUTTON GROUP
ATTN JOHN SUTTON

Send Report To: 1 or 2 (Circle one)

Client P.O. No.: _____ Client Project I.D. No.: SG3022.9

Sample Team Member (s) _____

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS	Comments / Hazards
9083001			8/30 11:55	7	HCL	3	10	BTEX, MTBE P909006-01 -02 -03 -04	Gas. in Water < 10ppb RWQC CB Detection limit Report MTBE ONLY TO 1ppb
9083002		8/30 12:05	7	HCL	3	10			
9083003		8/30	7	HCL	3	10			
TBLANK			7	?	2	10			
Relinquished by: (Signature) <u>[Signature]</u>						DATE	TIME	Received by: (Signature) <u>FRIDGE OLSD LAB</u>	
						8/30/99	1420	DATE	
Relinquished by: (Signature) <u>[Signature]</u>						DATE	TIME	Received by: (Signature) <u>[Signature]</u>	
						8/31/99	14:20	DATE	
Relinquished by: (Signature) _____						DATE	TIME	Received by: (Signature) _____	
								DATE	
Method of Shipment						Lab Comments			

*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycarb. filter
 4) PVC filter, diam. _____ pore size _____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
 10) Other 40ml VOA 11) Other _____