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THE SUTTON GROUP

3708 Mount Diablo Blvd Suite 215 Lafayette, CA, 94549

February 14, 2003

Mr. Michael Cortez Oro Loma Sanitary District 2600 Grant Avenue San Lorenzo, 94580 Alameda County
FEB 2 0 2003
Environmental Health

Results of Quarterly Sampling of Additional 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 2<sup>nd</sup> round of quarterly sampling of the two additional ground water monitoring wells installed last October in the general parking lot of the District's Engineering Department office building. This work has been performed in accordance with the Work Plan for this project that was approved by Alameda County Health Care Agency's Environmental Protection Division (LOP) in their letter dated August 27, 2002. Documentation and the first sampling results were conveyed to Alameda County in our report dated November 30, 2002.

### Sampling Results

On January 28, 2003 ground water depths were measured in all 5 monitoring wells. Water samples were collected from wells MW-4 and MW-5 only, in accordance with the work plan.

The attached Table 1 summarizes the ground water elevation data. Rains since the earlier sampling have raised the ground water by as much as 1.77 feet, with the up gradient-most well showing the greatest rise, as is expected from the ground water model. The gradient towards the sink has increased the most, also in accordance with our model.

Table 2 is a summary of the analytical results. Contaminant levels are generally less than in the initial sampling, which is not unexpected. The laboratory report is appended. Note that we found it necessary to change analytical laboratories.

### Future Sampling

The 3<sup>rd</sup> quarterly water sampling will be in April, 2003.

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

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.

LIC No. GE 812

Yours truly,

THE SUTTON GROUP

ohn R. Sutton, PE

Gestechnical Engineer No 812

License valid through 12/31/2006

Attachments: Table 1: Ground Water Elevations

Table 2: Summary of Water Sample Analyses: Monitoring Wells

Analytical Report: R. J. Lee Group, Inc., dated February 5, 2003.

Two Copies Sent

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

# TABLE 1 GROUND WATER ELEVATIONS

#### All measurements are in feet

Monitoring Well ID	Rim Elevation *	Initial Sampling, 10/21/02 Ground Water Elev'n	2 <sup>nd</sup> Quarterly Sampling, 1/28/03		3 <sup>rd</sup> Quarterly Sampling,		4 <sup>th</sup> Quarterly Sampling,	
			Ground Water Elev'n.	Change Since Prev. Reading	G Water Elev'n.	Q'terly Change	G Water Elev'n.	Q'terly Change
MW 1	8.65	1.72	2.23	+0.51				
MW 2	8.75	2.04	2.65	+0.61				
MW 3	10.19	3.21	4.94	+1.73.				
MW 4	9.68	3.58	5.35	+1.77				
MW 5	8.92	2.84	4.42	+1.58				
Gradient, Direction	S21°E @ .016 ft/ft		S23°E @ .033 ft/ft					

<sup>\*</sup> Basis of elevations, Alameda County bench mark "Grant –Phil" at intersection of Grant Avenue and Phil Drive.

Elevation = 2.175meters, msl = 7.136 feet.

ORO LOMA SANITARY DISTRICT

3022.10 Q2 TABLE 1 elev Gwater #2 1/29/03

## TABLE 2 SUMMARY OF WATER SAMPLE ANALYSES: MONITORING WELLS

### TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, BTEX, MTBE EPA METHOD 8260B/5030BM

RESULTS IN µg/L (ppb)

Well ID	Sample Date	Benzene	Toluene	Ethyl Benzene	Xylenes (total)	MTBE
MW 4	10/21/2002	5,800	6,200	3,500	18,000	140
MW-4	1/28/03	7,200	3,500	2,700	15,000	130
MW 5	10/21/2002	12,000*	20,000*	1,600*	7,100*	ND
MW-5	1/28/03	9,100	6,600	720	4,000	ND
REPOR	TING LIMITS	100	100	100	100	100

<sup>\*</sup> ELEVATED REPORTING LIMITS USED. FOR LIMITS REFER TO LABORATORY CERTIFICATES APPENDED

### RJ Lee Group, Inc.

350 Hochberg Road Monroeville, PA 15146

Phone (724) 325-1776 Fax (724) 733-1799

#### LABORATORY REPORT

The Sutton Group

3709 Mt. Diablo Blvd., Suite 215

Lafayette, CA 94549

Attention:

John Sutton

925-284-4208

EAV 024 204 41

FAX 925-284-4189

RJ Lee Group Job No.: ACC301610

Samples Received: 28-Jan-03

Report Date: 5-Feb-03 Client Project: E8-08

Purchase Order No.:

Analysis:

MTBE & BTEX in Water

Method: EPASW8260B

	Sample I	Sample Identification		Detection Limit	
	MW4	MW5	(DF)	for DF=1	
	Conce	entration		μg/L	
Benzene	7200	9100	200	0.5	
Ethylbenzene	2700	720	200	0.5	
Methyl-t-butyl ether (MTBE)	130	ND<100	200 -	0.5	
Toluene	3500	6600	200	0.5	
Xylenes	15,000	- 4000	200	0.5	

These results are submitted pursuant to RI Lee Group's current terms and conditions of sale, including the campany's standard wavranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RI Lee Group will store the samples for a period of thirty (30) days before discording. A shipping and handling fee will be assessed for the return of any samples.

Analyst

Date 12-05-3