1111 Aladdin Ave., Suite B San Leandro, CA 94577 (510) 614-1900 Fax (510) 614-2923

January 24, 1997

Mr. Verl Dolsby HC 69, Box 42 7 Rapid River Road Riggins, ID - 83549-9702

Re:

Groundwater Sampling 124 Hegenberger Loop Oakland, California

Dear Mr. Dolsby:

The purpose of this letter-report is to discuss the results of the groundwater well monitoring activities performed at the referenced site on January 9, 1997.

Sequoia Environmental gauged the down-gradient monitoring well (MW-1, shown in the attached site plan) with an interphase probe. Prior to gauging, the interphase probe was washed in a non-phosphate solution and double rinsed in water and distilled water. The depth to groundwater was measured to be 4.10 feet from ground surface. The well was purged with a disposable bailer. Approximately 6 gallons of well water were purged from the well. The depth to ground water after purging was measured to be 8.40 feet from ground surface. The well water was inspected for any physical characteristics. The water was clear and had no odor. The depth to the bottom of the well was determined with an interphase probe to be approximately 15 feet from the ground surface.

After purging, the monitoring well was allowed to recharge. The depth to water after recharge was measured to be 4.20 feet from the ground surface. Using a new disposable bailer, one groundwater sample was collected and put into three 500 milligrams (ml) plastic bottles. The bottles were labeled MW-1. The water sample used for total chromium analysis was preserved with nitric acid. The three sample bottles were sent to state-certified McCampbell Analytical in Pacheco, California, for chemical analyses.

The groundwater samples were analyzed for pH, dissolved chromium and total chromium using EPA Methods 150.1 and 6010 respectively. Laboratory results indicated that the pH of the water samples was 6.97, dissolved chromium was non-detect and total chromium was 0.018 ppm. Detailed laboratory results and chain of custody form are attached.

On the basis of field observations and analytical results, the down-gradient monitoring well (MW-1) has no detectable level of dissolved chromium and the pH of the groundwater is close to neutral. We recommend no further action at this site.

If you have any question or need additional information, please contact us at (510) 614-1900.

Sincerely,

Sequoia Environmental

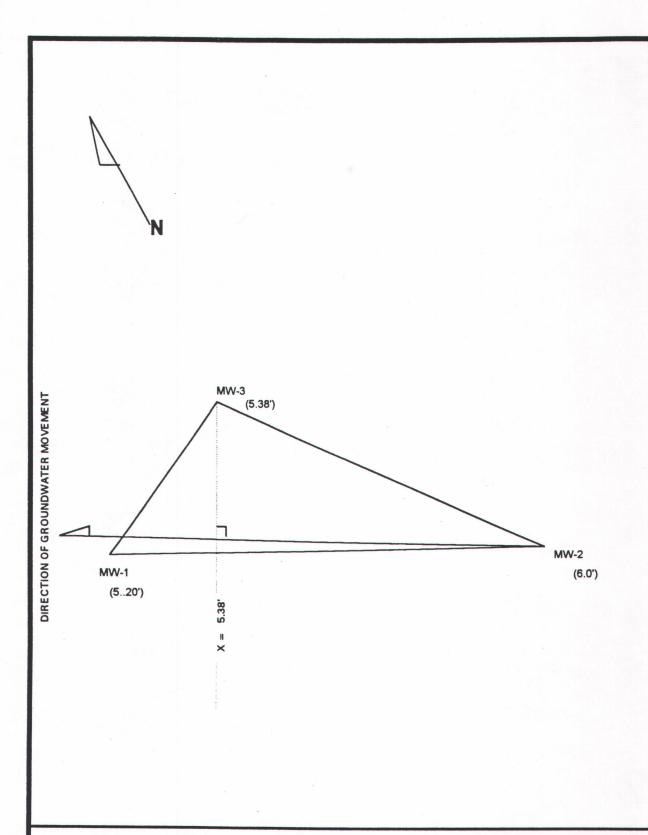
Chris Mabuzch.

Chris 'Wabuzoh Senior Geologist

REA #02842

Ola Balogun, Ph.D. PE





## FIGURE 2

MAP TYPE:

SITE PLAN (DIRECTION OF GROUNDWATER MOVEMENT)

SITE ADDRESS:

DOLSBY INC., 124 HEGENBURGER LOOP, OAKLAND, CALIFORNIA

**DATE:** MARCH 21, 1995

PROJECT CODE: SE-043/DOBY-01

SCALE: 1' : 30'

SEQUOIA ENVIRONMENTAL CONSULTING SERVICES (510) 614 - 1900 SAN LEANDED, CA

Sequoia E	nvironmental	C	lient Project I	D: Dolby	Date Sampled: 0	Date Sampled: 01/09/97		
1111 Aladdin Avenue, Suite B San Leandro, CA 94577		e B			Date Received: (	)1/09/97		
		C	lient Contact:	: Chris 'Wabuzoh	Date Extracted:	01/10/97		
V 1000			lient P.O:		Date Analyzed: (	Date Analyzed: 01/10/97		
FPA analytic	al methods 6010/200	7 239 2+		Metals*				
Lab ID	Client ID		Extraction <sup>o</sup>	Dissolved Chromium	Total Chromium	% Rec. Surrogate		
72691	MW-1		TTLC	ND	0.018	112		
				1.				
				*				
Reporting I	imit unless other-	S	TTLC	0.5 mg/kg	0.5			
wise stated; ND means not detected above the reporting limit		W	TTLC	0.005 mg/L	0.005			
			STLC,TCLP	0.01 mg/L	0.05			
* soil sample	s and sludge are rep	orted in m	ng/kg, and water	samples and all STLC & TCLP	extracts in mg/L			

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

& reporting limit raised due matrix interference

DHS Certification No. 1644

Sequoia Environmental			Client Project ID: Dolby	Date Sampled: 01/09/97			
1111 Aladdin Avenue, Suite B San Leandro, CA 94577		uite B		Date Received: 01/09/97			
			Client Contact: Chris 'Wabuzoh	Date Extracted: 01/09/97			
			Client P.O:	Date Analyzed: 01/09/97			
			рН				
Analytical methods			EPA 150.1, 9040, 9045				
Lab ID	Client ID	Matrix	p	Н			
72691	MW-1	W	6.	97			
=							
Reporting	Limit or Method						
Accuracy	inless otherwise ted; ND	w	± (	0.05			
means not	detected above ting limit; N/A tot applicable	S	±	0.1			
Reporting Units W,S		W,S	- log(au <sup>+</sup>	) at 25°C			

## QC REPORT FOR ICP and/or AA METALS

Date: 01/10/97 Matrix: Water/Dissolved

	Concentration (mg/L)			% Recovery			
Analyte	  Sample	MS	MSD	Amount	MS	MSD	RPD
Total Lead		NT / 7	NI / D		N / 7	NT / 70	NI / 7
	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	0.00	5.11	5.20	1.00	511	520	1.7
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	   N/A 	N/A	N/A	   N/A 	     N/A	N/A	N/A
Organic Lead	N/A	N/A	N/A	N/A	   N/A 	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

 $RPD = (MS - MSD) / (MS + MSD) \times 2 \times 100$