

August 25, 2008

Alameda County Environmental Health Services Attn: Mr. Jerry Wickham 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

EN. L.C. MICHAEL CO. L. ...

Subject:

Addendum to Remedial Action Report

Stockpile Soil Geotechnical Sampling Analysis 461 McGraw Avenue, Livermore, California EIS Project #717-4

Dear Mr. Wickham:

On behalf of Whitney Newland, Administrator of the Estate of the late Crandal Mackey, and Probate Court-authorized agent for Call Mac Transportation Company, Environmental Investigation Services Inc. (EIS) is submitting this addendum letter to transmit the results of a recent stockpile soil geotechnical sampling analysis.

In the June 3, 2008 Remedial Action Report, EIS recommended re-sampling the southwest soil stockpile for suitability of reuse as fill material after a period of 45 days. Following up on the report recommendations, EIS collected two soil samples (SW-3 and SW-4) from the stockpile on August 14, 2008 and submitted the samples to Keantan Laboratories for moisture content analysis. Analytical results indicate the soil samples had moisture contents between 2.9% and 3.1%. This is below the target moisture level of 6%. A copy of the laboratory report is attached for reference.

Based on the analytical results, EIS concludes that the southwest soil stockpile has reached a moisture content level suitable for reuse as fill material. EIS recommends allowing the reuse of the stockpile as fill for onsite backfill purpose.

Phone: (408) 871-1470

Please contact EIS at (408) 871-1470 if you have any questions regarding this addendum. Sincerely,

## **Environmental Investigation Services, Inc.**



Long Ching, PE Senior Engineer

cc: Mr. Scott Fooks

Attachments: Analytical Laboratory Report





August 21, 2008

Environmental Investigation Services, Inc 15466 Los Gatos Boulevard, Suite 109-062 Los Gatos, California 95032

Attn: Peter Littman

Subject:

Report/Laboratory Test Results

Project Name: 461 McGraw Ave, Livermore, CA

Project Number: 717-4 KTL Project No.: 07-370-007

To Peter Littman

Enclosed are results of the laboratory testing program conducted on samples from the above referenced project. The testing performed for this program was conducted in general accordance with testing procedures as follows:

TYPE OF TEST

Moisture Content & Density

TEST PROCEDURE ASTM D 2937

Attached herewith is Summary of Laboratory Test Result (1), Invoice (1)

We appreciate the opportunity to provide testing services to Environmental Investigation Services. If you have any questions regarding the test results, please contact us.

Very truly yours, Keantan Laboratories

Jonathan Khaw Laboratory Manager

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## SUMMERY OF LABORATORY TEST RESULT

PROJECT NAME:: 461 McGraw, Livermore KTL NO.: 07-370-007

PROJECT NO.: 717-4 CLIENT.: EIS

**DATE.:** 8/21/2008 SUMMARIZED BY.: K. Tan

Boring NO.	SAMPLE NO. (%)	DEPTH (FT)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)
SW-3	1	n/a	2.9	77.5
SW-4	2	n/a	3.1	72.8

## **KeanTan Laboratories**

## **MOISTURE - DENSITY SHEET**

ASTM D 2937

PROJECT:	461 McGraw Ave	Livermore	TESTED BY:	jk	DATE:	
			COMPUTED BY:		DATE:	
PROJECT NUMBER:	07-370-007		CHECKED BY:		DATE:	
BORING NUMBER	SW-3	SW-4				
SAMPLE TYPE	Shelby	Shelby				
SAMPLE NUMBER	1	2				
SAMPLE DEPTH (FT)	n/a	n/a				
WET DENSITY (PCF)	79.79	74.96				
MOISTURE CONTENT (%)	2.92	3.05				
DRY DENSITY (PCF)	77.53	72.75				
SOIL DESCRIPTION						
DENSITY						
MOISTURE	1					
U.S.C.S	1					
MAXIMUM PARTICLE SIZE						
CONTAINER NUMBER	KB-40	KB-9				
WT. WET SOIL + TUBE/RINGS (gm)	473.1	454.5				
LENGTH OF SAMPLE (IN)	6	6				
WT. WET SOIL + CONT.(gm)	394.04	376.2				
WT. DRY SOIL + CONT. (gm)	385.3	367.6				
WT. CONTAINER (gm)	86.05	85.23				
WT. TUBE OR RINGS (gm)	166	166				
AVG. TUBE OR RING I.D.						
TUBE NUMBER						
SPECIFIC GRAVITY						