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By Alameda County Environmental Health at 2:53 pm, Jul 02, 2013

Navdeep Singh Grewal
349 Brienne Court
Pleasanton, CA 94566

June 25, 2013

Mr. Mark Detterman
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94501-6877

Re: CHEVRON #9-1851

451 Hegenberger Road
Oakland, California
A/C/H Case No. 161

Dear Mr. Detterman:

I, Mr. Navdeep Singh Grewal, have retained Wayne Ting and Associates, Inc. as Geotechnical Consultants for providing testing services during the backfill operations. On my behalf, Wayne Ting and associates submitting backfill compaction report.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report is true and correct to the best of my knowledge.

Sincerely,


Navdeep Singh Grewal

Project No. 3069
22 June 2013

WAYNE TING & ASSOCIATES, INC.

GEOTECHNICAL CONSULTANTS

42329 Osgood Road, Unit A, Fremont, CA 94539

Phone (510) 623-7768

tingwayne@yahoo.com

Mr. Navdeep Grewal
349 Brienne Court
Pleasanton, CA 94566

Subject: **REPORT OF TESTING SERVICES DURING
BUILDING PAD BACKFILL OPERATIONS**
Proposed One-Story Retail Store Development
451 Hegenberger Drive
Oakland, California

- References:
1. Geotechnical Investigation
By Wayne Ting & Associates, Inc.
Dated 17 December 2013
 2. Alternative Backfill Recommendations
By Wayne Ting & Associates, Inc.
Dated 24 May 2013

Dear Mr. Grewal:

As you requested, Wayne Ting & Associates, Inc. (WTAI) provided testing services during the building pad backfill operations. These operations have been performed in accordance with the recommendations presented in references 1 and 2.

It is noted that the upper 6.0 feet of the existing soils under the entire building pad were overexcavated. After completion of the overexcavation, a layer of Mirafi 600X geotextile was placed. Approximately 24 inches thick of 3/4-inch crushed rock was then constructed on the geotextile. On-site light brown sandy gravel and imported sandy gravel was backfilled and compacted to a minimum relative compaction of 95 percent at moisture content 2.0 percent above the optimum moisture amount. The maximum dry density was determined by ASTM D1557 Latest Edition Laboratory Test Procedure. Above the sandy gravel backfill, the upper 2 feet of pad was backfilled with baserock and compacted to a minimum relative compaction of 95%. All laboratory and field test results are summarized on the enclosed TABLE I.

Should you have any questions relating to the contents of this letter, please contact our office at your convenience.

Very truly yours,
WAYNE TING & ASSOCIATES, INC.


Wayne L. Ting, C.E.
Principal Engineer



Copies: 2 to Mr. Grewal

TABLE I
Summary of Laboratory Test Results

<u>Soil Type</u>	<u>Descriptions</u>	<u>Max. Dry Density</u>	<u>Optimum Moisture</u>
(1)	Brown sandy gravel with silt	127.0 p.c.f.	11.0%
(2)	On-site Brown sandy gravel	128.8 p.c.f.	9.5%
(3)	On-site gray recycled baserock	126.3 p.c.f.	8.4%
(4)	Imported gray recycled baserock	130.0 p.c.f.	7.6%

TABLE II
Summary of Field Density Test Results

<u>Test No</u>	<u>Date of Test</u>	<u>Test Location</u>	<u>Elevation (feet)</u>	<u>Max Dry Density (pcf)</u>	<u>Test Dry Density (pcf)</u>	<u>Moisture Content (%)</u>	<u>Relative Compaction (%)</u>	<u>Remark</u>
1	5/10/2013	N.W. pad	-2.0	127.0	120.6	13.4	95	1
2	5/10/2013	N.W. pad	-2.0	128.8	122.1	12.9	95	2
3	5/10/2013	N.W. pad	-2.0	127.0	120.9	13.0	95	1
4	5/15/2013	N.W. pad	A.B.	126.3	120.3	14.5	95	3
5	5/15/2013	N.W. pad	A.B.	126.3	123.5	12.4	98	3
6	5/15/2013	N.W. pad	A.B.	126.3	123.6	13.4	98	3
7	5/21/2013	W. pad	-2.0	130.0	128.3	8.9	99	4
8	5/21/2013	W. pad	-2.0	130.0	126.5	9.6	97	4
9	5/25/2013	S. pad	-4.0	128.5	123.3	12.7	96	1+4 mix
10	6/4/2013	S.W. pad	-4.0	127.0	121.7	11.4	96	1
11	6/19/2013	N.W. pad	-1.0	130.0	126.8	13.8	98	4
12	6/19/2013	N.W. pad	-1.0	130.0	123.2	11.6	95	4
13	6/19/2013	N.W. pad	-1.0	130.0	123.9	10.5	95	4
14	6/19/2013	N.W. pad	-1.0	130.0	124.1	10.0	95	4
15	6/19/2013	N.W. pad	-1.0	130.0	124.2	10.7	96	4
16	6/21/2013	S.W. pad	F.G.	130.0	123.7	10.7	95	4
17	6/21/2013	S. pad	F.G.	130.0	129.9	9.1	100	4
18	6/21/2013	S.E. pad	F.G.	130.0	123.5	11.5	95	4



BAY
CONCRETE RECYCLING

Bay Area Concrete Recycling located at 2207 Wake Ave. Oakland CA 94607 is a concrete recycling facility. 100% of the concrete and asphalt unloaded at our facility is recycled into aggregates such as class II AB, drain rock, and sand.

Please contact me with any questions,

Thank you,

Kimberly Douglas

kimberly@baconcrete.net

510-294-0220

2:41 PM

06/25/13

Accrual Basis

Bay Area Concrete Recycling Customer Open Balance All Transactions

Type	Date	Num	M	Due Date	Open Balance	Amount
Kevin Trucking, Inc.						
Invoice	4/18/2013	KEV005		5/18/2013	200.00	200.00
Invoice	5/9/2013	KEV006		6/8/2013	1,182.65	1,182.65
Invoice	5/10/2013	KEV007		6/9/2013	1,419.18	1,419.18
Invoice	5/13/2013	KEV008		6/12/2013	405.48	405.48
Invoice	5/17/2013	KEV009		6/16/2013	335.72	335.72
Invoice	5/17/2013	KEV010		6/16/2013	335.72	335.72
Invoice	5/21/2013	KEV011		6/20/2013	810.96	810.96
Invoice	5/23/2013	KEV012		6/22/2013	215.82	215.82
Invoice	5/28/2013	KEV013		6/27/2013	1,122.70	1,122.70
Invoice	5/28/2013	KEV014		6/27/2013	477.42	477.42
Invoice	5/31/2013	KEV015		6/30/2013	1,013.70	1,013.70
Invoice	6/3/2013	KEV016		7/3/2013	473.06	473.06
Invoice	6/4/2013	KEV017		7/4/2013	347.71	347.71
Invoice	6/6/2013	KEV018		7/6/2013	191.84	191.84
Invoice	6/11/2013	KEV019		7/11/2013	791.34	791.34
Invoice	6/11/2013	KEV020		7/11/2013	251.79	251.79
Invoice	6/14/2013	KEV021		7/14/2013	167.86	167.86
Invoice	6/14/2013	KEV022		7/14/2013	167.86	167.86
Invoice	6/17/2013	KEV023		7/17/2013	143.88	143.88
Invoice	6/18/2013	KEV024		7/18/2013	431.64	431.64
Invoice	6/20/2013	KEV025		7/20/2013	1,175.02	1,175.02
Invoice	6/20/2013	KEV026		7/20/2013	419.65	419.65
Invoice	6/21/2013	KEV027		7/21/2013	125.00	125.00
Invoice	6/21/2013	KEV028		7/21/2013	503.58	503.58
Total Kevin Trucking, Inc.					12,709.58	12,709.58
TOTAL					12,709.58	12,709.58

PACIFIC STATES ENVIRONMENTAL CONTRACTORS, INC.

INVOICE

**KEVIN'S TRUCKING INC
690 DEMPSEY ROAD APT. A
MILPITAS, CA 95035-6435
ATTENTION: ACCOUNTS PAYABLE**

**CUSTOMER NO.: 13256
INVOICE NO.: C61310101Y
EWO NO.: MAY 13 1063
DATE: 5/31/2013
JOB NO.: 613101**

**JOB DESCRIPTION:
DUMBARTON QUARRY IMPORT**

OAKLAND HEGENBERGER (CHEVERON) 64LDS AT \$150/LD, 05/24 16LDS, 05/28 16LDS, 05/29 16LDS, 05/30 15LDS, 05/31 1LDS

**TOTAL EXTRA WORK \$9,600.00
ORDER NOW DUE**

ESTIMATOR: B. EVANS
AREA MANAGER: K. WAYNE

TAGUS

REMIT TO:
11555 DUBLIN BOULEVARD
P.O. BOX 2909
DUBLIN, CA 94568
8,431

TELEPHONE (925) 829-9220
FAX (925) 803-4268

PACIFIC STATES ENVIRONMENTAL CONTRACTORS, INC.

INVOICE

**KEVIN'S TRUCKING INC
690 DEMPSEY ROAD APT. A
MILPITAS, CA 95035-6435
ATTENTION: ACCOUNTS PAYABLE**

**CUSTOMER NO.: 13256
INVOICE NO.: C61310102Y
EWO NO.: JUN 13 1063
DATE: 6/12/2013
JOB NO.: 613101**

**JOB DESCRIPTION:
DUMBARTON QUARRY IMPORT**

OAKLAND HEGENBERGER (CHEVERON) 3LDS AT \$150/LD ON 06/03/13

**TOTAL EXTRA WORK \$450.00
ORDER NOW DUE**

ESTIMATOR: B. EVANS
AREA MANAGER: K. WAYNE

TAGUS

REMIT TO:
11555 DUBLIN BOULEVARD
P.O. BOX 2909
DUBLIN, CA 94568

TELEPHONE (925) 828-9220
FAX (925) 803-4268