

Exhibit 11



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PL-03511-01

Hi-Grade Materials
17671 Bear Valley Road
Hesperia, California 93345

Attention: Mr. Stefan Reder

Subject: **Laboratory Test Results**
Concrete Aggregate Conformance Testing
Hi-Grade Materials Littlerock Quarry (P.O. # LQ675120CG)
Littlerock, California

This report presents the results of laboratory tests performed on four (4) samples of concrete aggregate. The samples were delivered to Earth Systems' Palmdale laboratory on April 16, 2014. Per your request the following tests were performed:

- 1) Sieve Analysis (ASTM C-136)
- 2) Specific Gravity (ASTM C-127)
- 3) Los Angeles Abrasion (ASTM C-131)
- 4) Sodium Sulfate Soundness (ASTM C-88)
- 5) Sand Equivalent (Caltest 217)
- 6) Durability Index (Caltest 229)
- 7) Clay Lumps and Friable Particles (ASTM C-142)
- 8) Lightweight Pieces in Aggregate (ASTM C-123)
- 9) Cleanness Value (Caltest 227)
- 10) Organic Impurities (ASTM C-40)
- 11) Mortar Strength (Caltest 515)

The laboratory test results are attached. Earth Systems trust this report meets your current needs. If you have any questions please contact us.

Respectfully submitted,

Earth Systems
Southern California

Tim Thomson
Laboratory Manager

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Summary of Laboratory Test Results
Hi-Grade Materials Littlerock Quarry
1 1/2" Concrete Aggregate (#2 Rock)
Received April 17, 2015

1) Sieve Analysis (ASTM C-136)

<u>Sieve</u> <u>Size</u>	<u>Percent</u> <u>Passing</u>	<u>ASTM C-33</u> <u>Size No. 4</u>	<u>SSPWC</u> <u>No. 2 Rock</u>
2"	100	100	100
1 1/2"	100	90-100	90-100
1"	21	20-55	5-40
3/4"	8	0-15	0-15
3/8"	5	0-5	0-5
#200	0.2		0-2

2) Specific Gravity (ASTM C-127)

Bulk SpG =	2.685	
Bulk SSD SpG=	2.704	2.58 Min.
Apparent SpG=	2.737	
Absorption =	0.7 %	

3) Los Angeles Abrasion (ASTM C-131) - (Grading A)

<u>Revolutions</u>	<u>% Loss</u>		
100	8.0		15 Max.
500	34.5	50 Max.	52 Max.

4) Sodium Soundness (ASTM C-88)

Weighted Loss =	0.6	12.0% Max.
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6) Durability Index (Caltest 229)

Durability Index =	85
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7) Clay Lumps and Friable Particles (ASTM C-142)

Clay Lumps and Friable Particles = 0.1	3.0 Max.
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8) Lightweight Pieces in Aggregate (ASTM C-123)

Coal and Lignite = 0.0	0.5 Max.
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9) Cleanness Value (Caltest 227)

Cleanness Value = 94	75 Min.
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Summary of Laboratory Test Results
Hi-Grade Materials Littlerock Quarry
1" Concrete Aggregate (#3 Rock)
Received April 17, 2015

1) Sieve Analysis (ASTM C-136)

<u>Sieve</u> <u>Size</u>	<u>Percent</u> <u>Passing</u>	<u>ASTM C-33</u> <u>Size No. 56</u>	<u>SSPWC</u> <u>No. 3 Rock</u>
1 1/2"	100	100.0	100
1"	99	90-100	90-100
3/4"	73	40-85	55-85
1/2"	26	10-40	
3/8"	6	0-15	8-20
#4	2	0-5	0-5
#8	1		0-5
#200	0.2		0-2

2) Specific Gravity (ASTM C-127)

Bulk SpG =	2.657	
Bulk SSD SpG=	2.684	2.58 Min.
Apparent SpG=	2.732	
Absorption =	1.1 %	

3) Los Angeles Abrasion (ASTM C-131) - (Grading B)

<u>Revolutions</u>	<u>% Loss</u>		
100	8.9		15 Max.
500	36.3	50 Max.	52 Max.

4) Sodium Soundness (ASTM C-88)

Weighted Loss =	1.1	12.0% Max.
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6) Durability Index (Caltest 229)

Durability Index=	85
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7) Clay Lumps and Friable Particles (ASTM C-142)

Clay Lumps and Friable Particles = 0.1	3.0 Max.
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8) Lightweight Pieces in Aggregate (ASTM C-123)

Coal and Lignite = 0.0	0.5 Max.
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9) Cleanness Value (Caltest 227)

Cleanness Value = 97	75 Min.
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Summary of Laboratory Test Results
Hi-Grade Materials Littlerock Quarry
3/8" Concrete Aggregate (#4 Rock)
Received April 17, 2015

1) Sieve Analysis (ASTM C-136)

<u>Sieve</u> <u>Size</u>	<u>Percent</u> <u>Passing</u>	<u>ASTM C-33</u> <u>Size No. 8</u>	<u>SSPWC</u> <u>No. 4 Rock</u>
3/4"	100		100
1/2"	100	100	
3/8"	95	85-100	85-100
#4	12	10-30	0-30
#8	1	0-10	0-10
#16	0	0-5	
#200	0.2		0-2

2) Specific Gravity (ASTM C-127)

Bulk SpG =	2.606	
Bulk SSD SpG=	2.648	2.58 Min.
Apparent SpG=	2.720	
Absorption =	1.5 %	

3) Los Angeles Abrasion (ASTM C-131) - (Grading C)

<u>Revolutions</u>	<u>% Loss</u>		
100	9.2		15 Max.
500	36.0	50 Max.	52 Max.

4) Sodium Soundness (ASTM C-88)

Weighted Loss =	1.2	12.0% Max.
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6) Durability Index (Caltest 229)

Durability Index =	85
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7) Clay Lumps and Friable Particles (ASTM C-142)

Clay Lumps and Friable Particles = 0.1	3.0 Max.
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8) Lightweight Pieces in Aggregate (ASTM C-123)

Coal and Lignite = 0.0	0.5 Max.
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9) Cleanness Value (Caltest 227)

Cleanness Value = 94	75 Min.
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Summary of Laboratory Test Results
Hi-Grade Materials Littlerock Quarry
Washed Concrete Sand
Received April 17, 2015

1) Sieve Analysis (ASTM C-136)

<u>Sieve</u> <u>Size</u>	<u>Percent</u> <u>Passing</u>	<u>ASTM C-33</u> <u>Fine Agg.</u>	<u>SSPWC</u> <u>Wash Con Sand</u>
3/8"	100	100	100
#4	99	95-100	95-100
#8	81	80-100	75-90
#16	61	50-85	55-75
#30	41	25-60	30-50
#50	22	5-30	10-25
#100	10	0-10	2-10
#200	4.9		0-5
Fineness Modulus:	2.86	2.3 to 3.1	

2) Specific Gravity (ASTM C-128)

Bulk SpG =	2.611
Bulk SSD SpG=	2.652
Apparent SpG=	2.724
Absorption =	1.6 %

3) Los Angeles Abrasion (ASTM C-131)

Not Applicable

4) Sodium Soundness (ASTM C-88)

Weighted Loss =	1.4	12.0% Max.	10.0% Max.
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5) Sand Equivalent (Caltest 217)

Sand Equivalent =	80	75 Min.
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6) Durability Index (Caltest 229)

Durability Index =	90
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Summary of Laboratory Test Results
Hi-Grade Materials Littlerock Quarry
Washed Concrete Sand
Received April 17, 2015

7) <u>Clay Lumps and Friable Particles (ASTM C-142)</u>	<u>ASTM C-33</u> <u>Fine Agg.</u>	<u>SSPWC</u> <u>Wash Con Sand</u>
Clay Lumps and Friable Particles = 0.1	3.0 Max.	
8) <u>Lightweight Pieces in Aggregate (ASTM C-123)</u>		
Coal and Lignite = 0.0	0.5 Max.	
10) <u>Organic Impurities (ASTM C-40)</u>		
Organic Plate Number:	< 1	
11) <u>Mortar Strength (Caltest 515)</u>		
Mortar Strength =	98 %	