

6980 Sierra Center Parkway, Suite 90
Reno, NV 89511

January 6, 2014
File: 1009

Mr. Chris Benna
RILITE AGGREGATES
3025 Mill Street
Reno, NV 89502

RE: Rilite Pit – No. 8 Lightweight Aggregate

Dear Mr. Benna:

Per your request, we have performed aggregate quality testing on the sample of Rilite Pit No. 8 aggregate received by our laboratory. Test results in comparison with ASTM C33 specifications are as follows:

Sieve Size Analysis (ASTM C136/C117)		
U.S. Standard Sieve Size	Percent by Weight Passing	
	Rilite Pit	No. 8 Aggregate ASTM C33 Specifications
½ Inch	100	100
¾ Inch	100	85 - 100
No. 4	27	10 - 30
No. 8	3	0 - 10
No. 16	2	0 - 5
No. 30	2	-
No. 200	0.8	0 - 1.0

Clay Lumps and Friable Particles (ASTM C142)	
Percent Total Sample	ASTM C33 Specification
0.5%	2.0% Maximum

Aggregate Unit Weight (ASTM C29)		
		ASTM C33 Specification
Dry Rodded Unit Weight	76.4 PCF	-
Dry Loose Unit Weight	68.7 PCF	-

Specific Gravity and Absorption (ASTM C127)	
Bulk Specific Gravity (SSD Basis)	2.22
Absorption	6.8%

Los Angeles Abrasion (ASTM C131)	
Percentage Loss After 500 Revolutions No. 8 Aggregate (Grading C)	ASTM C33 Specifications
35.8%	50% Maximum

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Cleanness Value (Nev. T228)	
Coarse Aggregate Sample	NDOT Specification
91	71 Minimum

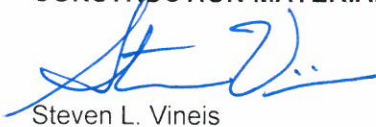
Sodium Sulfate Soundness (ASTM C88)	
Weighted Percentage Loss	ASTM C33 Specification
7.1%	10% Maximum

Lightweight Pieces (ASTM C123)	
Percent of Total Sample	ASTM C33 Specification
0.3%	0.5% Maximum

We appreciate this opportunity to provide our laboratory testing services. If you have any questions or require further information, please do not hesitate to contact us.

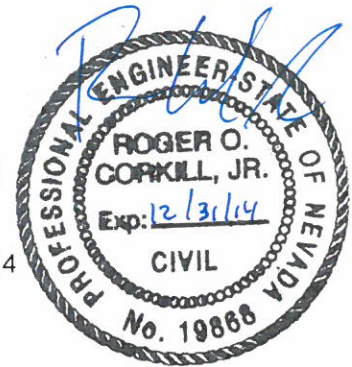
Sincerely,

CONSTRUCTION MATERIALS ENGINEERS, INC.



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