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[www.LumosInc.com](http://www.LumosInc.com)

**Carson City**  
800 E. College Parkway  
Carson City, Nevada 89706  
775.883.7077

MARCH 12, 2018

File#9400.044

A & K Earth Movers  
P.O. Box 1059  
Fallon, NV 89407

Re: Class A Backfill  
Bella Vista Pit #2

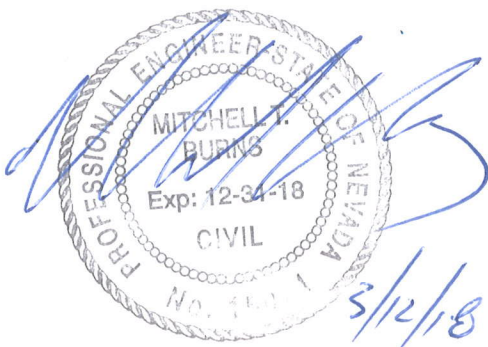
This letter represents the results of our laboratory testing and analysis associated with the above referenced material received by our laboratory.

The laboratory testing and methods used were in accordance with the county "Standard Specifications for Public Works Construction" 2016 edition and applicable ASTM standards.

The attached test report represents the actual laboratory data gathered during the testing process. The material tested complies with the minimum standard specifications set forth in the "Standard Specifications".

We trust this provides you with the information you require at this time. If you have any further questions regarding this report or require any additional testing, please feel free to contact me at (775) 883-7077.

Sincerely,



Mitch Burns, P.E., C.E.M.

Materials Engineering Manager

Lumos and Associates, Inc.



# AGGREGATE PROPERTIES

REPORT TO: A & K Earth Movers  
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PROJECT: A & K 2018 Misc Testing  
 PROJECT NO.: 9400.044 (P.O. 1218038)  
 LOCATION: Fallon, NV  
 LAB NO.: CC-190-18

SAMPLED BY: Client

DATE: 3/8/2018

MATERIAL DESCRIPTION: Class A Backfill

COLOR: Grey

SAMPLE LOCATION: Bella Vista Pit #2

U.S. Std. Sieve Size	Percent Passing		SSPWC 200.03.02
2"			
1-1/2"			
1"			
3/4"			
1/2"			
3/8"	100		100
#4	94		90-100
#8	72		
#10	66		
#16	52		
#30	37		
#40	32		
#50	27		10-40
#100	20		3-20
#200	15		0-15

**SPECS**

NATURAL MOISTURE	4.4%	
LIQUID LIMIT	NV	
PLASTIC LIMIT	NP	
PLASTICITY INDEX	NP	6 Max.

D-1140 Soak Time: N/A  
 ( ) Specification Limits

**\* Out of Standard Specification**

Report Status: Original or Amended

Respectively Submitted by: CIVIL

and Reviewed by: \_\_\_\_\_



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