



April 19, 2023

To: Bee Green Recycling & Supply

Project: Oakland - Yard

Table Mountain Quarry: SMARA 91-04-0011

Triangle Rock Products (TRP) shall furnish aggregate materials in connection to the above referenced project. TRP will furnish such materials in accordance with the gradation and quality properties below

69090 - BLACK PATH FINES		
GRADATION		
SIEVE SIZE	PERCENT PASSING	SPECIFICATIONS
3/8" (9.5 mm)	100	
No. 4 (4.75 mm)	92	
No. 8 (2.36 mm)	52	
No. 16 (1.18 mm)	29	
No. 30 (600 µm)	18	
No. 50 (300 µm)	12	
No. 100 (150 µm)	9	
No. 200 (75 µm)	7.6	

PHYSICAL PROPERTIES	
Most Recent Max Density (ASTM D 1557)	132.4 lb/ft ³ @ 5.8% moisture
CALTRANS STANDARDS	TEST RESULTS
CTM 301 "R" Value	77
Sand Equivalent (CTM 217)	88
Durability Index (CTM 229)	90
ASTM C 128/ CTM 207 Specific Gravity (Dry), (SSD), (App)	N/A
ASTM C 128/ CTM 207 Absorption	N/A
Percentage of Crushed Particles (CTM 205)	100
Loss by Abrasion LA Rattler @ 500 revs (CTM 211-D)	24
Unit Weight (Rodded) CTM 212	N/A
Unit Weight (Loose) CTM 212	N/A
ASTM C 88 Sodium Soundness	0.0%

Due to the natural segregation of aggregates that occurs during transportation, TRP will only guarantee the aggregate gradations at TRP's production facility not the project site. Triangle Rock makes no representations or warranties as to whether this submittal complies with any project specifications or standards set forth in any contracts or design drawings, and is not responsible for obtaining any necessary approvals or certifications for use of these aggregates.

This submittal is valid for 90-days from date of submittal.

Respectfully,
Vulcan Materials Company
Technical Services Department
Sacramento Region
(530) 534-4517

Date Updated 10/01/2021

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