

NEVILLE AGGREGATES CO. INC.

Construction Aggregates Supplier

3501 Neville Road, Pittsburgh PA 15225

P 412.771.4001 F 412.771.0207

January 1, 2023

PennDOT Ref. #: NLSOHA14 Material Type: #467 Limestone

To Whom It May Concern:

This letter is to verify that Neville Aggregates, Glenwood PA, is an agent for National Lime and Stone Company, Carey OH. National Lime and Stone Company produces the material provided for your use, in accordance with the requirements of PennDOT Publication 408, Section 703 for coarse aggregate and ASTM C33 for concrete aggregates.

Sincerely,

Caleb T. Bryan

David T. Giehll

Quality Test Report

BMG Research & Development Center

3507 Neville Road, Pittsburgh PA 15225



Source National Lime & Stone Company - NLSOHA14

Product #467 Limestone

Specification PennDOT 408 Section 703 Sample Information Sample No Average Weather **Start Date** 1/15/2022 Temp **Finish Date Split Sample** 12/27/2022 Sampled By David Giehll Resample Tested By David Giehll Lot/Sublot **Production Sample** 50 lbs Type Quantity Method Stockpile **Gradation Results** Wash Loss % Units **Moist Mass Dry Mass Moisture %** Wash ST Wash End lbs 24.53 25.48 0.65% 10.260 0.59% 10.199 **Cum Mass** Ind % % % Mass Sieve Retained Retained Retained Retained **Passing Target** Specification % 2" 0.00 0.00 0.0 0.0 100.0 100 100 100 1 1/2" 1.02 1.02 4.0 4.0 96.0 97.5 95 100 1" 3.57 4.59 14.0 18.0 82.0 3/4" 5.61 22.0 10.19 40.0 60.0 52.5 35 70 1/2" 5.35 15.54 21.0 61.0 39.0 3/8" 5.86 21.40 23.0 84.0 16.0 20 10 30 #4 3.31 24.72 13.0 97.0 3.0 2.5 5 0 PAN 0.76 25.48 3.0 100.0 0.0 Other Test Results **Test Name** Result Unit Specification % **Date Target** Wash Loss (#200) 0.59 % 0.745 0 1.49 100.0 Particle Size 90.0 Distribution 80.0 70.0 60.0 50.0 — % Passing 40.0 30.0 ---- Max % 20.0 10.0 - Min % 0.0

1 1/2"

3/4"

3/8"

2"

#4