



# NEVILLE AGGREGATES CO. INC.

*Construction Aggregate Supplier*

3501 Neville Road Pittsburgh, PA 15225

P: 412.771.4001  
F: 412.771.0207

February 2, 2016

PaDOT Ref. #: GRCWVC14  
Material Type: #67 Limestone

To Whom It May Concern:

This letter is to verify that Neville Aggregates Co. Inc., Neville Island, is an agent for Greer Limestone Company, Morgantown WV. The limestone meets the requirements of PaDOT Publication 408, Section 703 for Type A aggregates and ASTM C-33 for concrete aggregates.

Sincerely,

Justin T. Bryan

David T. Giehl

# Quality Test Report

BMG Research & Development Center

3507 Neville Road, Pittsburgh PA 15225



CONCRETE PRECAST AGGREGATE MARINE

**Plant** Neville Aggregates - Neville Island Terminal  
**Product** #67 Limestone  
**Source** Greer Limestone - GRCWVC14  
**Specification** PaDOT 408 Section 703

## Sample Information

|                    |                   |                     |                          |
|--------------------|-------------------|---------------------|--------------------------|
| <b>Sample No</b>   | Average           | <b>Weather</b>      | -                        |
| <b>Start Date</b>  | 3/20/14           | <b>Temp</b>         | -                        |
| <b>Finish Date</b> | 4/2/15            | <b>Split Sample</b> | <input type="checkbox"/> |
| <b>Sampled By</b>  | David Giehll      | <b>Resample</b>     | <input type="checkbox"/> |
| <b>Tested By</b>   | David Giehll      | <b>Lot/Sublot</b>   | -                        |
| <b>Type</b>        | Production Sample | <b>Quantity</b>     | 50 lbs                   |
| <b>Method</b>      | Belt Sample       |                     |                          |

## Gradation Results

|              |                   |                 |                   |                |                 |                    |
|--------------|-------------------|-----------------|-------------------|----------------|-----------------|--------------------|
| <b>Units</b> | <b>Moist Mass</b> | <b>Dry Mass</b> | <b>Moisture %</b> | <b>Wash ST</b> | <b>Wash End</b> | <b>Wash Loss %</b> |
| lbs          | 23.65             | 23.54           | 0.45%             | 10.230         | 10.175          | 0.54%              |

| Sieve  | Mass Retained | Cum Mass Retained | Ind % Retained | % Retained | % Passing | Target | Specification % |
|--------|---------------|-------------------|----------------|------------|-----------|--------|-----------------|
| 1 1/2" | 0.00          | 0.00              | 0.0            | 0.0        | 100.0     | 100    | 100 100         |
| 1"     | 0.00          | 0.00              | 0.0            | 0.0        | 100.0     | 100    | 100 100         |
| 3/4"   | 1.86          | 1.86              | 7.9            | 7.9        | 92.1      | 95     | 90 100          |
| 1/2"   | 11.21         | 13.06             | 47.6           | 55.5       | 44.5      | -      | - -             |
| 3/8"   | 4.03          | 17.09             | 17.1           | 72.6       | 27.4      | 37.5   | 20 55           |
| #4     | 5.53          | 22.62             | 23.5           | 96.1       | 3.9       | 5      | 0 10            |
| #8     | 0.61          | 23.23             | 2.6            | 98.7       | 1.3       | 2.5    | 0 5             |
| PAN    | 0.31          | 23.54             | 1.3            | 100.0      | 0.0       | -      | - -             |

## Other Test Results

| Test Name        | Date    | Result | Unit | Target | Specification % |
|------------------|---------|--------|------|--------|-----------------|
| Wash Loss (#200) | 3/20/14 | 0.54%  | %    | 0.5    | 0 1             |

