



# NEVILLE AGGREGATES CO. INC.

*Construction Aggregate Supplier*

3501 Neville Road Pittsburgh, PA 15225

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January 20, 2016

Material Type: 3/8" Shot Gravel

To Whom It May Concern:

This letter is to verify that Neville Aggregates, Neville Island PA, is an agent for Tri-State River Products located on the Ohio River. The material produced by Tri-State River Products meets the requirements of 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** Shot Gravel  
**Source** Tri-State River Products  
**Specification** ASTM C33

## Sample Information

<b>Sample No</b>	Average	<b>Weather</b>	-
<b>Start Date</b>	4/15/15	<b>Temp</b>	-
<b>Finish Date</b>	1/12/16	<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>	Stockpile		

## Gradation Results

Units	Moist Mass	Dry Mass	Moisture %	Wash ST	Wash End	Wash Loss %
lbs	13.05	12.95	0.75%	9.950	9.886	0.64%

  

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification %
3/4"	0.00	0.00	0.0	0.0	100.0	-	-
1/2"	0.00	0.00	0.0	0.0	100.0	-	-
3/8"	0.00	0.00	0.0	0.0	100.0	-	-
1/4"	2.69	2.69	20.8	20.8	79.2	-	-
#4	4.53	7.23	35.0	55.8	44.2	-	-
#8	4.55	11.77	35.1	90.9	9.1	-	-
#16	0.91	12.68	7.0	97.9	2.1	-	-
PAN	0.27	12.95	2.1	100.0	0.0	-	-

## Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	4/15/15	0.64%	%	0.5	0 1

