



# NEVILLE AGGREGATES CO. INC.

*Construction Aggregates Supplier*

3501 Neville Road, Pittsburgh PA 15225

P 412.771.4001

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January 2, 2018

PaDOT Ref. #: TSRWVA14

Material Type: Type A Sand

To Whom It May Concern:

This letter is to verify that Neville Aggregates Co. Inc., Neville Island, PA, is an agent for Tri-State River Products located on the Ohio River. Tri-State River Products produces the material provided for your use in accordance with the requirements of PaDOT Publication 408, Section 703 for Type A aggregates and ASTM C-33 for concrete aggregates.

Sincerely,

A handwritten signature in cursive script that reads 'Justin T. Bryan'.

Justin T. Bryan

A handwritten signature in cursive script that reads 'David T. Giehl'.

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** Type A Sand  
**Source** Tri-State River Products - TSRWA14  
**Specification** PaDOT 408 Section 703

## Sample Information

<b>Sample No</b>	Average	<b>Weather</b>	-
<b>Start Date</b>	4/10/2017	<b>Temp</b>	-
<b>Finish Date</b>	12/16/2017	<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

Units	Moist Mass	Dry Mass	Moisture %	Wash ST	Wash End	Wash Loss %
grams	575.88	553.2	4.10%	5.490	5.459	0.57%

  

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification %
3/8"	0.00	0.00	0.0	0.0	100.0	100	100 100
#4	7.19	7.19	1.3	1.3	98.7	97.5	95 100
#8	91.83	99.02	16.6	17.9	82.1	85	70 100
#16	107.87	206.90	19.5	37.4	62.6	65	45 85
#30	101.24	308.13	18.3	55.7	44.3	45	25 65
#50	144.94	453.07	26.2	81.9	18.1	20	10 30
#100	81.32	534.39	14.7	96.6	3.4	5	0 10
#200	12.72	547.11	2.3	98.9	1.1	1.5	0 3

## Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	4/10/2017	0.57%	%	1.5	0 3
Fineness Modulous	12/16/2017	2.91	-	2.725	2.30 3.15

