



NEVILLE AGGREGATES CO. INC.

Construction Aggregate Supplier

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January 20, 2016

PaDOT Ref. #: TSRWA14
Material Type: #57 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 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 #57 Gravel
Source Tri-State River Products - TSRWVA14
Specification PaDOT 408 Section 703

Sample Information

Sample No	Average	Weather	-
Start Date	4/15/15	Temp	-
Finish Date	1/12/16	Split Sample	<input type="checkbox"/>
Sampled By	David Giehll	Resample	<input type="checkbox"/>
Tested By	David Giehll	Lot/Sublot	-
Type	Production Sample	Quantity	50 lbs
Method	Belt Sample		

Gradation Results

Units	Moist Mass	Dry Mass	Moisture %	Wash ST	Wash End	Wash Loss %
lbs	23.85	23.65	0.85%	10.430	10.365	0.62%

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	97.5	95 100
3/4"	2.55	2.55	10.8	10.8	89.2	-	- -
1/2"	11.14	13.69	47.1	57.9	42.1	42.5	25 60
3/8"	5.61	19.30	23.7	81.6	18.4	-	- -
#4	3.38	22.68	14.3	95.9	4.1	5	0 10
#8	0.52	23.20	2.2	98.1	1.9	2.5	0 5
PAN	0.45	23.65	1.9	100.0	0.0	-	- -

Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	4/15/15	0.62%	%	0.5	0 1
Crush Count	1/12/16	64.55%	%	77.5	55 100

