



NEVILLE AGGREGATES CO. INC.

Construction Aggregates Supplier

3501 Neville Road, Pittsburgh PA 15225

P 412.771.4001

F 412.771.0207

January 2, 2018

Material Type: #67 Gravel

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 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 #67 Gravel
Source Tri-State River Products
Specification ASTM C-33

Sample Information

Sample No	Average	Weather	-
Start Date	4/10/2017	Temp	-
Finish Date	12/16/2017	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	23.57	23.44	0.56%	9.040	8.992	0.53%

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
1"	0.00	0.00	0.0	0.0	100.0	100	100
3/4"	0.63	0.63	2.7	2.7	97.3	95	90
1/2"	10.52	11.16	44.9	47.6	52.4	-	-
3/8"	3.91	15.07	16.7	64.3	35.7	37.5	20
#4	7.76	22.83	33.1	97.4	2.6	5	0
#8	0.30	23.14	1.3	98.7	1.3	2.5	0
PAN	0.30	23.44	1.3	100.0	0.0	-	-

Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	4/10/2017	0.53%	%	0.5	0
Crush Count	12/16/2017	62.10%	%	77.5	55

