



GEORGETOWN SAND & GRAVEL

P.O. Box 127 Georgetown PA 15043

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January 6, 2015

Material Type: #67 Gravel

To Whom It May Concern:

This letter is to verify that Georgetown Sand & Gravel, Georgetown, PA produces the material provided for your use. The above referenced material meets the requirements 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 Gravel
Source Georgetown Sand & Gravel - GSGWVA14
Specification ASTM C-33

Sample Information

Sample No	Average	Weather	-
Start Date	3/20/14	Temp	-
Finish Date	12/20/14	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	28.55	28.4	0.54%	9.324	9.288	0.39%

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"	1.53	1.53	5.4	5.4	94.6	95	90
1/2"	11.79	13.32	41.5	46.9	53.1	-	-
3/8"	5.06	18.37	17.8	64.7	35.3	37.5	20
#4	8.63	27.01	30.4	95.1	4.9	5	0
#8	0.88	27.89	3.1	98.2	1.8	2.5	0
PAN	0.51	28.40	1.8	100.0	0.0	-	-

Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	12/20/14	0.39%	%	0.5	0
Crush Count	12/20/14	63.40%	%	77.5	55

