



GEORGETOWN SAND & GRAVEL

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January 6, 2015

PaDOT Ref. #: GSG04A14

Material Type: #57 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 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 Georgetown Sand & Gravel - GSGWVA14
Specification PaDOT 408 Section 703

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	23.09	22.94	0.66%	11.940	11.876	0.54%

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"	0.30	0.30	1.3	1.3	98.7	97.5	95 100
3/4"	5.80	6.10	25.3	26.6	73.4	-	- -
1/2"	8.72	14.82	38.0	64.6	35.4	42.5	25 60
3/8"	3.42	18.24	14.9	79.5	20.5	-	- -
#4	3.90	22.14	17.0	96.5	3.5	5	0 10
#8	0.44	22.57	1.9	98.4	1.6	2.5	0 5
PAN	0.37	22.94	1.6	100.0	0.0	-	- -

Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	3/20/14	0.54%	%	0.5	0 1
Crush Count	12/20/14	63.8%	%	77.5	55 100

