

R. W. Gillespie & Associates, Inc.

LETTER OF TRANSMITTAL

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
P.O. Box 289, Augusta, ME 04332 207-623-4914
200 Int'l Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

Date:	24 August 2011	Project No.:	0557-014
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Laboratory Testing Terminal Enhancement, Portland Int. Jetport Johnson Rd/Turnpike Connector Portland, Maine		

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached laboratory test results.

Laboratory No. (s)

Test (s) Performed

12006
12007
12008

Theoretical Maximum Specific Gravity
Theoretical Maximum Specific Gravity
Theoretical Maximum Specific Gravity

Remarks:

Copy To:

Roy Williams: rsw@portlandmaine.gov

Arthur Laferrier: apj@portlandmaine.gov

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Signed: Bertha A. Dawn

Theoretical Maximum Specific Gravity

ASTM D 2041 - Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
 (AASHTO T 209 - Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures)
 Sampled According to ASTM D 3665 - Standard Practice for Random Sampling of Construction Materials

Project:	Portland Jetport - Johnson Rd. Connector
Client:	City of Portland
Project No:	0557-014-02
Date Paved:	August 17, 2011
Date Tested:	August 22, 2011

Lab No.:	12006
Mix Type:	19.0 mm Base
Supplier:	Commercial Paving
Sampled By:	DSD
Tested By:	DCH

Sample Number	Location	Mass in Air (grams)	Mass in Water (grams)	Calibration (grams)	Maximum	
					2.537	158.3 pcf
1	Load #3, Ticket # 730330	2226.3	2711.6	1363.0	2.537	158.3 pcf
	18.23 Ton @ 66.21 Ton					
2	Load #3, Ticket # 730330	2288.1	2750.3	1363.0	2.540	158.5 pcf
	18.23 Ton @ 66.21 Ton					

Average TMD: 2.538 = 158.4 pcf

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 Sampled According to ASTM D 3665 - Standard Practice for Random Sampling of Construction Materials

Project:	Portland Jetport - Johnson Rd. Connector
Client:	City of Portland
Project No:	0557-014-02
Date Paved:	August 17, 2011
Date Tested:	August 22, 2011

Lab No.:	12007
Mix Type:	12.5mm Surface
Supplier:	Commercial Paving
Sampled By:	DSD
Tested By:	MAO

Sample Number	Location	Mass in Air (grams)	Mass in Water (grams)	Calibration (grams)	Maximum	
1	Load #2, Ticket # 730337	1592.1	2316.5	1363.0		2.493
	16.14 Ton @ 32.26 Ton					155.6 pcf
2	Load #2, Ticket # 730337	1646.3	2348.1	1363.0		2.490
	16.14 Ton @ 32.26 Ton					155.4 pcf

Average TMD: 2.491 = 155.5 pcf

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MAO

Theoretical Maximum Specific Gravity

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 Sampled According to ASTM D 3665 - Standard Practice for Random Sampling of Construction Materials

Project:	Portland Jetport - Johnson Rd. Connector
Client:	City of Portland
Project No:	0557-014-02
Date Paved:	August 18, 2011
Date Tested:	August 22, 2011

Lab No.:	12008
Mix Type:	12.5mm Surface
Supplier:	Commercial Paving
Sampled By:	MAO
Tested By:	MAO

Sample Number	Location	Mass in Air (grams)		Mass in Water (grams)		Calibration (grams)		Maximum	
1	Ticket # 730373	1588.7	2318.8	1363.6	2.508				
	23.09 Ton @ 41.17 Ton								
2	Ticket # 730373	1559.6	2299.1	1363.6	2.499				
	23.09 Ton @ 41.17 Ton								

Average TMD: 2.503 = 156.2 pcf

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MTG

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