

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
200 International Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

Date:	June 21, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
65807	7
65811	7

Remarks:

Copy To:
 Roy Williams: rsw@portlandmaine.gov
 Jim Stanislaski: jim_stanislaski@gensler.com
 Cliff Takara: clifford_takara@gensler.com
 Lacey Fogg: Lacey.Fogg@amec.com
 Mike Fusco: mfusco@tcco.com
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 Elizabeth O'Toole: eotoole@tcco.com
 TMM@portlandmaine.gov
 Idobson@portlandmaine.gov
 rdixon@tcco.com
 gemitchell@tcco.com

Signed: Bertha Dawn

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Overcast
Method of Placement: Rear Discharge
Admixtures: Mid Range Water Remover
Placement Location: Piers: XD.7/Y5.5, Y6.5, Y7.5, & Y8.5
Test Cylinder Location: XD.7/Y5.5

Date Cylinders Cast: 14-Jun-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4

Date Report Issued: JUN 22 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	9.25	Batched @	11:59
Ticket No.	172978	Air (°F)	64	Arrived @	12:30
Truck No.	116	Concrete (°F) ASTM C 1064	76	Total Time	60
Cubic Yds.	*2 of 7.5	Air Content (%) ASTM C 231	--		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 15-Jun-10
 Condition of Cylinders: Good

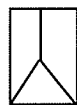
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65807	21-Jun-10	4.020	12.69	7	60,320	4750	2
65808	12-Jul-10			28			
65809	12-Jul-10			28			
65810	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



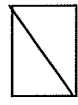
Cone
1



Cone & Split
2



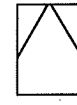
Columnar
3



Shear
4



Side Fracture
5



Double Side Fracture
6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)

Remarks: Total loads = 2
 Curing Temperatures: Max = 72°, Min = 52°
 *Load #1 rejected due to high slump.

Checked by: Matthew T. Grady
 Matthew T. Grady, Manager of MTS

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Max Agg. Size: 3/4

Date Report Issued: JUN 22 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	2	Slump (in) ASTM C 143	5.25	Batched @	1:10
Ticket No.	172979	Air (°F)	64	Arrived @	1:25
Truck No.	78	Concrete (°F) ASTM C 1064	76	Total Time	50
Cubic Yds.	7.5	Air Content (%) ASTM C 231	7.0		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 15-Jun-10
 Condition of Cylinders: Good

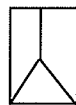
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65811	21-Jun-10	4.020	12.69	7	57,500	4530	6
65812	12-Jul-10			28			
65813	12-Jul-10			28			
65814	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



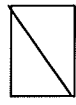
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