

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:	06 Dec 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)
67882	7

Remarks:

Copy To:
Roy Williams: rsw@portlandmaine.gov
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Remi Delcourt (remi@auburnconcrete.com)
Jeff Evans, Amec (jeff.evans@amec.com)

Signed: Bertha Dawn

If enclosures are not as noted, kindly notify us at once.

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	29-Nov-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Cloudy	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	3,500
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/8
Placement Location:	Stairs: 22 Level 2 to 3, 20 Level 2 to 3, 18 Level 4 to 5, and Mechanical Curb/ Pads		
Test Cylinder Location:	Stairs 20 Level 2 to 3		

Date Report Issued:

4x8 Cylinders	4	Cast by	Marco C. Stone	Time	
Load No.	2	Slump (in) ASTM C 143	6" into pump	Batched @	8:25
Ticket No.	179565	Air (°F)	41	Arrived @	--
Truck No.	86	Concrete (°F) ASTM C 1064	60	Total Time	--
Cubic Yds.	4	Air Content (%) ASTM C 231	1.8		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 30-Nov-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67882	06-Dec-10	4.010	12.63	7	41,880	3320	2
67883	27-Dec-10			28			
67884	27-Dec-10			28			
67885	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.)
1	179559	116	5	--	--	--	--	--
3	179572	98	4	--	--	--	--	--

Remarks:

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