

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 30, 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)
65670	28
65671	28

Remarks:

Copy To:
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Signed: Bertha Dawn

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	02-Jun-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Rear Discharge	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Piers: XD/Z3 - XD/Z2 - XC/Z1 - XC/Z2		
Test Cylinder Location:	Pier: XD/Z2		

Date Report Issued: **JUL 01 2010**

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time	
Load No.	1	Slump (in) ASTM C 143	5.5	Batched @	1:23
Ticket No.	170436	Air (°F)	73	Arrived @	1:40
Truck No.	84	Concrete (°F) ASTM C 1064	77	Total Time	85
Cubic Yds.	10	Air Content (%) ASTM C 231	5.4		

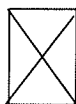
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 03-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
65668	09-Jun-10	4.019	12.69	7	52,240	4120	4
65669	09-Jun-10	4.019	12.69	7	51,120	4030	2
65670	30-Jun-10	4.014	12.65	28	67,820	5360	2
65671	30-Jun-10	4.014	12.65	28	72,780	5750	2

*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:

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