

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:	August 20, 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)
66737	7

Remarks:

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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:	13-Aug-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Walls: Y7/XM - XM.5, XM.5/Y6.8 - Y7, Y6.8/XM - XM.5, XM/Y5.8 - Y7.5, XM.5 - XL/Y7; Radius Footing: Between 23 & 24/XF; Esc. 3 & 4; Footings (8)		
Test Cylinder Location:	Wall: Y7/XL - XM	Date Report Issued:	AUG 23 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	5.5		Batched @ 1:46
Ticket No.	178295	Air (°F)	77		Arrived @ 2:05
Truck No.	96	Concrete (°F) ASTM C 1064	82		Total Time 45
Cubic Yds.	10.5	Air Content (%) ASTM C 231	5.9		

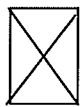
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
 Date received 16-Aug-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66737	20-Aug-10	4.013	12.65	7	46,920	3710	5
66738	10-Sep-10			28			
66739	10-Sep-10			28			
66740	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone
1



Cone & Split
2



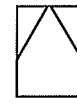
Columnar
3



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.)
2	178296	116	10.5	--	--	--	--	40
3	178300	78	10.5	--	--	--	--	50
4	178303	94	10.5	--	--	--	--	75

Remarks: Curing Temperatures: Max = 77°, Min = 65°

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