

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 26, 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)
66528	28
66529	28

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
 Shaun Winner: swinner@tcco.com
 Phil Coleman: pcoleman@tcco.com
 Elizabeth O'Toole: eotoole@tcco.com
 TMM@portlandmaine.gov
 ldobson@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	Date Cylinders Cast:	29-Jul-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sun	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Walls Area C, Zone 5: XM/Y4 - Y5.4, Y4.8/XM - XM.5, XM.5/Y4.8 - Y5.8		
Test Cylinder Location:	XM/Y4 - Y5.5 (1/2 Wall Height)		

Date Report Issued: **AUG 27 2010**

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	6.0	Batched @	12:11
Ticket No.	178096	Air (°F)	83	Arrived @	12:30
Truck No.	97	Concrete (°F) ASTM C 1064	82	Total Time	35
Cubic Yds.	9	Air Content (%) ASTM C 231	6.7		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1

Date received 30-Jul-10

Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66527	05-Aug-10	4.021	12.70	7	40,140	3160	2
66528	26-Aug-10	4.014	12.65	28	64,060	5060	5
66529	26-Aug-10	4.014	12.65	28	63,300	5000	2
66530	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	178104	96	9	--	--	--	--	50
3	178110	86	9	--	--	--	--	45

Remarks:

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