

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 25, 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)
65930	7

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:	18-Jun-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:	Wall at C.4/ZC - 1ZB; Piers at XJ/5' West of 1ZC, XH/ZB		
Test Cylinder Location:	Wall		

Date Report Issued: JUN 25 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time
Load No.	1	Slump (in) ASTM C 143	4.0	Batched @
Ticket No.	173027	Air (°F)	85	Arrived @
Truck No.	84	Concrete (°F) ASTM C 1064	82	Total Time
Cubic Yds.	8.5	Air Content (%) ASTM C 231	*6.2/5.8	

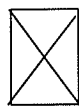
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 19-Jun-10
 Condition of Cylinders: Good

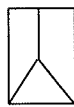
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65930	25-Jun-10	4.020	12.69	7	60,860	4800	6
65931	16-Jul-10			28			
65932	16-Jul-10			28			
65933	HOLD			HOLD			

*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	173028	106	8.5	--	--	--	--	--

Remarks: Curing Temperatures: Max = 84°, Min = 72°
 *Initial air.

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