

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:	July 6, 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)
65746	28
65747	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
Project No: 557-14
Weather Conditions: Overcast
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: 1Y.8 to 12A/F, 12A - C4, XG - ZA
Test Cylinder Location: 1Y.8 to 12A/F, 12A - C4

Date Cylinders Cast: 08-Jun-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4

Date Report Issued: JUL 08 2010

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	2	Slump (in) ASTM C 143	5.0	Batched @	12:59
Ticket No.	172902	Air (°F)	76	Arrived @	1:25
Truck No.	96	Concrete (°F) ASTM C 1064	76	Total Time	26
Cubic Yds.	10	Air Content (%) ASTM C 231	--		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 09-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
65744	15-Jun-10	4.015	12.66	7	57,600	4550	2
65745	15-Jun-10	4.015	12.66	7	57,760	4560	3
65746	06-Jul-10	4.014	12.65	28	79,900	6320	5
65747	06-Jul-10	4.014	12.65	28	76,040	6010	5

*Concrete compressive strength by ASTM C 39

Types of Breaks



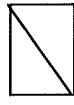
Cone
1



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	172900	94	10	--	--	--	--	--
3	172903	97	10	--	--	--	--	--
4	172909	96	10	--	--	--	--	--

Remarks: Curing Temperatures: Max = 74°, Min = 59°

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