

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 9, 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)
66217	28
66218	28

Remarks:

Copy To:  
 Roy Williams: rsw@portlandmaine.gov  
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Signed: Bertha Dawn

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## CONCRETE TEST/PLACEMENT REPORT

<b>Project Name:</b>	Terminal Enhancement, Portland Int. Jetport	<b>Date Cylinders Cast:</b>	12-Jul-10
<b>Project No:</b>	557-14	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Sunny	<b>General Contractor:</b>	Turner
<b>Method of Placement:</b>	Pump	<b>Design Strength:</b>	4,000
<b>Admixtures:</b>	Mid Range Water Reducer	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	Area B, Zone 5: Footings Between XH & XJ/Y8, Between Y7 & Y8/XJ, Between XJ & XK/Y7, at XJ/Y8, at XK/Y7; Piers at XH.5/Y6, Y6.5, & Y7, XJ/Y6, Y6.5, & Y7		

**Test Cylinder Location:** XJ/Y8, between Y7 & Y8/XJ and between XJ & XK/Y7 **Date Report Issued:** AUG 09 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time
Load No.	2	Slump (in) ASTM C 143	6.0	Batched @
Ticket No.	167155	Air (°F)	76	Arrived @
Truck No.	98	Concrete (°F) ASTM C 1064	85	Total Time
Cubic Yds.	10	Air Content (%) ASTM C 231	4.9	

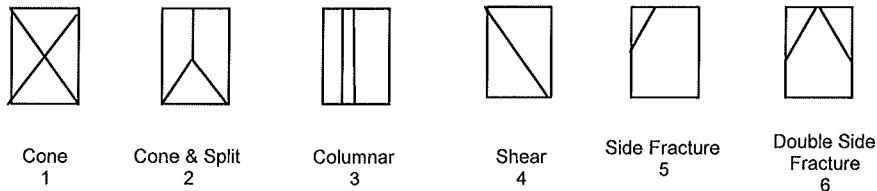
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
Date received 13-Jul-10  
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66216	19-Jul-10	4.013	12.65	7	56,380	4460	5
66217	09-Aug-10	4.020	12.69	28	79,920	6300	2
66218	09-Aug-10	4.020	12.69	28	79,660	6280	3
66219	HOLD			HOLD			

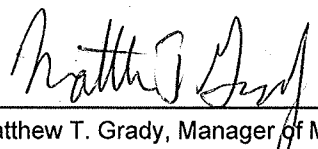
\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	167154	94	10	--	--	86	--	35
3	167156	106	10	--	--	--	--	30
4	167502	116	10	--	--	--	--	40
5	167503	106	3	--	--	--	--	30

Remarks: Curing Temperatures: Max = 84°, Min = 72°

Checked by:   
Matthew T. Grady, Manager of MTS