

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 17, 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)
66677	7
66681	7

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:	10-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:	Footings: Y8/XL-XM, XM/Y6-Y8, Y7/XK-XM.5, XM.5/Y7-Y6.8, Y6.8/XM-XM.5		
Test Cylinder Location:	Footing XM/Y6		

Date Report Issued: **AUG 18 2010**

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	6.5		Batched @ 1:04
Ticket No.	178217	Air (°F)	86		Arrived @ 1:25
Truck No.	96	Concrete (°F) ASTM C 1064	84		Total Time 35
Cubic Yds.	10	Air Content (%) ASTM C 231	7.4		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 11-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66677	17-Aug-10	4.018	12.68	7	44,780	3530	5
66678	07-Sep-10			28			
66679	07-Sep-10			28			
66680	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

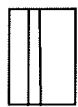
Types of Breaks



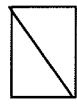
Cone
1



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	178218	99	10	--	--	--	--	35
3	178219	101	10	--	--	--	--	35
4	178224	94	10	--	--	--	--	30
5	178225	97	10	--	--	--	--	40

Remarks: Curing Temperatures: Max = 91°, Min = 69°
10 Total loads

Checked by:
Matthew T. Grady, Manager of MTS

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Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Footings: Y8/XL-XM, XM/Y6-Y8, Y7/XK-XM.5, XM.5/Y7-Y6.8, Y6.8/XM-XM.5		
Test Cylinder Location:	Footings Y7/XK-XL		

Date Report Issued: **AUG 18 2010**

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time
Load No.	6	Slump (in) ASTM C 143	5.5	Batched @
Ticket No.	178226	Air (°F)	86	Arrived @
Truck No.	96	Concrete (°F) ASTM C 1064	86	Total Time
Cubic Yds.	10	Air Content (%) ASTM C 231	5.9	45

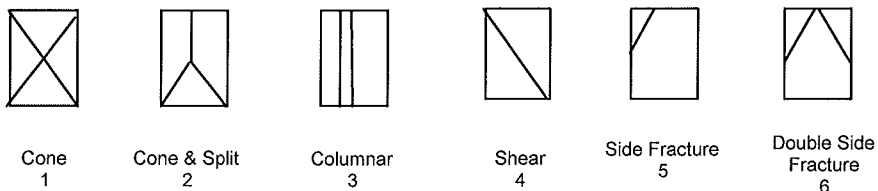
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 11-Aug-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66681	17-Aug-10	4.018	12.68	7	50,660	4000	5
66682	07-Sep-10			28			
66683	07-Sep-10			28			
66684	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.)
7	178227	101	10	--	--	--	--	45
8	178228	--	10	--	--	--	--	--
9	178229	97	7	--	--	--	--	40
10	178230	96	2	--	--	--	--	40

Remarks: Curing Temperatures: Max = 91°, Min = 69°
 10 Total loads

Checked by: 
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