

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 13, 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)
65856	28
65857	28
65860	28
65861	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:	15-Jun-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:	Walls: F/East side of Footing at F/1ZB - West side of Footing at F/1ZC; Footings: F/1ZC.3 - 1ZD, F.5/1ZB.3		
Test Cylinder Location:	Walls: F/East side of Footing at F/1ZB - 10' West of F/1ZB		

JUL 14 2010

Date Report Issued:

4x8 Cylinders	4	Cast by	Michael J. Kramlich		Time
Load No.	1	Slump (in) ASTM C 143	6.5		Batched @ 11:58
Ticket No.	172981	Air (°F)	83		Arrived @ 12:20
Truck No.	84	Concrete (°F) ASTM C 1064	74		Total Time 60
Cubic Yds.	10	Air Content (%) ASTM C 231	*6.9/9.8		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2

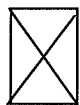
Date received 17-Jun-10

Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65855	22-Jun-10	4.019	12.69	7	50,200	3960	2
65856	13-Jul-10	4.016	12.67	28	66,460	5250	5
65857	13-Jul-10	4.016	12.67	28	64,380	5080	2
65858	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



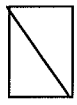
Cone
1



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	172982	78	10	--	--	--	*5.5	60
3	172984	100	10	--	--	--	--	60
4	172985	86	10	--	--	--	--	50
5	172986	84	10	--	--	--	--	60

Remarks: Total loads = 7
Curing Temperatures: Max = 75°, Min = 62°
*Initial air.

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

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Placement Location:	Walls: F/East side of Footing at F/1ZB - West side of Footing at F/1ZC; Footings: F/1ZC.3 - 1ZD, F.5/1ZB.3		
Test Cylinder Location:	Footings: F.5/1ZB.3 - 1ZC.3		

JUL 14 2010

Date Report Issued:

4x8 Cylinders	4	Cast by	Michael J. Kramlich	
Load No.	6	Slump (in) ASTM C 143	6.5	Time Batched @ 2:06 Arrived @ 2:30 Total Time 45
Ticket No.	172989	Air (°F)	85	
Truck No.	100	Concrete (°F) ASTM C 1064	76	
Cubic Yds.	10	Air Content (%) ASTM C 231	6.0	

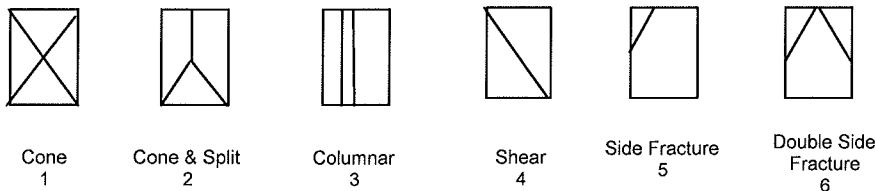
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
 Date received 17-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
65859	22-Jun-10	4.019	12.69	7	49,860	3930	2
65860	13-Jul-10	4.016	12.67	28	66,460	5250	5
65861	13-Jul-10	4.016	12.67	28	64,380	5080	2
65862	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	172992	116	6	--	--	--	--	--

Remarks: Total loads = 7
 Curing Temperatures: Max = 75°, Min = 62°

Checked by: 
 Matthew T. Grady, Manager of MTS