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

Date:	Project No.:
September 7, 2010	557-14
Attention: Mr. Cuyler Feagles (cmf@portlandmaine.gov)	
Re: Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine	

City of Portland, Portand Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66670	29
66671	29
66674	29
66675	29

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

If enclosures are not as noted, kindly notify us at once.

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid range water reducer
Placement Location: Walls: XF/ZA-Z3 Footings: XJ/Y3, Y4+Y5, 5' south of XJ/Y2.5-Y7
Test Cylinder Location: Wall XF/Z1-Z2

Date Cylinders Cast: 09-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: SEP 0 9 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	2	Slump (in) ASTM C 143	6	Batched @	12:18
Ticket No.	178200	Air (°F)	85	Arrived @	12:45
Truck No.	96	Concrete (°F) ASTM C 1064	84	Total Time	40
Cubic Yds.	9	Air Content (%) ASTM C 231	5.7		

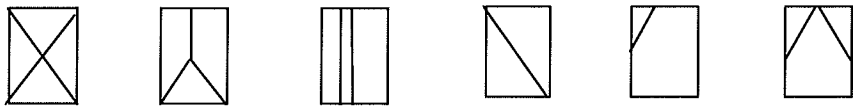
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 11-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66669	16-Aug-10	4.015	12.66	7	54,160	4280	2
66670	07-Sep-10	4.015	12.66	29	66,220	5230	5
66671	07-Sep-10	4.015	12.66	29	65,860	5200	2
66672	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.)
1	178199	97	9.5	--	--	--	--	45
3	178201	108	9.5	--	--	--	--	40
4	178202	116	9.5	--	--	--	--	40
5	178203	97	9.5	--	--	--	--	35
6	178204	108	9.5	--	--	--	--	30

Remarks: Curing Temperatures: Max = 86°, Min = 73°
9 Total Loads

Checked by: Matthew T. Grady, Manager of MTS

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid range water reducer
Placement Location: Walls: XF/ZA-Z3 Footings: XJ/Y3, Y4+Y5, 5' south of XJ/Y2.5-Y7
Test Cylinder Location: Footing: XJ/Y3

Date Cylinders Cast: 09-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: SEP 0 9 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	7	Slump (in) ASTM C 143	6	Batched @	2:08
Ticket No.	178205	Air (°F)	85	Arrived @	2:30
Truck No.	116	Concrete (°F) ASTM C 1064	84	Total Time	40
Cubic Yds.	9.5	Air Content (%) ASTM C 231	7.2		

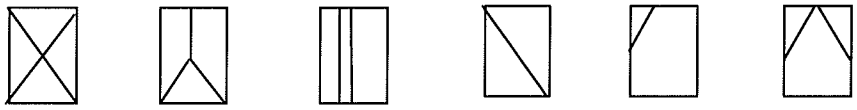
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2
Date received 11-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66673	16-Aug-10	4.015	12.66	7	48,620	3840	2
66674	07-Sep-10	4.015	12.66	29	62,500	4940	3
66675	07-Sep-10	4.015	12.66	29	64,260	5080	2
66676	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
8	178206	97	9.5	--	--	--	--	35
9	178207	108	8	--	--	--	--	30

Remarks: Curing Temperatures: Max = 86°, Min = 73°
9 Total Loads

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