Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME - 1945 Congress Street - Construction Materials Testing Services

Project Number: 16-1446

Client: Northland Enterprises LLC

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 5/30/2017 **Time Cast:** 2:30 **Date Received:** 5/31/2017

Placement Location: FOOTING: A/8 (+10'), 9 LINE, F (6'6" 1/7 +14')

Placement Method: TAILGATE

Cylinders Made By: NATHANIEL MCARTHUR

Placement Vol. (yd³): 20

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) NT **Maximum (ºF)** NT

DELIVERY INFORMATION

Admixtures: AIR / MRWR

TEST RESULTS

Slump (in) (C-143): 4

Air Content (%) (C-231) 5.4

Air Temp (ºF): 58

Conc. Temp (ºF) (C-1064): 68

Load Number: 1

Mixer Number 157

Ticket Number 213918

Cubic Yards: 11

Design (psi): **4000**

Batch 1:35

Arrive 2:40

Depart 2:55

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	**Age (days)**	Fracture Type	Load (kips)	**Strength (psi)**
923-4A	8.35	4.01	12.62	6/6/2017	Lab	**7**	5	54.4	**4310**
923-4B	8.35			6/27/2017	Lab	**28**			
923-4C	8.35			6/27/2017	Lab	**28**			
923-4D	8.35			Hold	Lab				

Fracture Types

1 Cone both ends; 2 Cone one end w/ split; 3 Columnar; 4 Diagonal; 5 Side at top or bottom; 6 Pointed End

Remarks: MIX ID: 254034A

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