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: 6/5/2017 **Time Cast:** **Date Received:** 6/6/2017

Placement Location: FOOTING

Placement Method: TRUCK CHUTE

Placement Vol. (yd³): 12

Cylinders Made By: JOSHUA MOORE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 53 **Maximum (ºF)** 61

DELIVERY INFORMATION

Admixtures: AE / MRWR

TEST RESULTS

Slump (in) (C-143): 4 1/2

Air Content (%) (C-231) 4.5

Air Temp (ºF): 60

Conc. Temp (ºF) (C-1064): 68

Load Number: 1

Mixer Number 144

Ticket Number 214124

Cubic Yards: 6

Design (psi): **4000**

Batch 9:21

Arrive 9:42

Depart 10:07

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)**
923-6A	8.30	4.00	12.59	6/12/2017	Lab	**7**	5	57.6	**4580**
923-6B	8.30			7/3/2017	Lab	**28**			
923-6C	8.30			7/3/2017	Lab	**28**			
923-6D	8.30			Hold	Lab				

Fracture Types

Cone both ends | Cone one end w/ split | Columnar | Diagonal | Side at top or bottom | Pointed End

Remarks:

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