

REPORT OF CONCRETE FIELD & LABORATORY TESTING

CLIENT: DN Tanks
 11 Teal Road
 Wakefield, MA 01880
 Attn: Mr. Jake Sreca

PROJECT: Middletown CT
 224 Talcott Ridge Drive
 Middletown, CT

DATE: September 30, 2020

REPORT #: 20-07-161-001

Page 1 of 1

General Location: Water Tank, Pipe cover

Date Cast: 7/27/2020
Field Rep: Stephen Sturges
Contractor: DN Tanks
Concrete Supplier: CT Ready Mix
Concrete Admixtures: Fibermesh, Super P
Air Temp: 92 °F
Weather: Sunny
Nominal Size of Aggr: 1 1/4"
Date Received by Lab: 7/28/2020

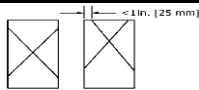
FIELD TEST RESULTS (Sampled in accordance with ASTM C172)

TICKET #	*# CYL	SLUMP TEST (in) (ASTM C143)	AIR CONTENT (%) (ASTM C173)	TEMPERATURE (°F) (ASTM C1064)	ELAPSED TIME		
					Batch	Final	Total (Min)
1008014	8	8.75"	1.40%	86 °F	8:25 AM	10:00 AM	95

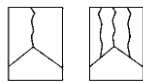
**Specimens molded/conditioned in accordance with ASTM C31/ASTM C1231*

LABORATORY COMPRESSIVE STRENGTH TESTING (ASTM C39)

Date of Test	Cylinder ID	Age	Cure	Avg Measured Diameter (in)	Cross Sectional (in ²)	PSI	Max. Load	Break Type
07/29/20	1A	2	LAB	6.00"	28.26"	2,320	65,430	3
07/31/20	1B	4	LAB	6.00"	28.26"	2,370	66,920	2
08/03/20	1C	7	LAB	6.00"	28.26"	2,380	67,150	5
08/03/20	1D	7	LAB	6.00"	28.26"	2,440	68,970	5
08/10/20	1E	14	LAB	6.00"	28.26"	2,820	79,610	5
08/24/20	1F	28	LAB	6.00"	28.26"	3,160	89,390	2
08/24/20	1G	28	LAB	6.00"	28.26"	3,240	91,560	2
09/21/20	1H	56	LAB	6.00"	28.26"	3,520	99,560	2



Type 1
Reasonably well-formed cones on both ends, less than 1 in. (25 mm) of cracking through caps



Type 2
Well-formed cone on one end, vertical cracks running through caps, no well-defined cone on other end



Type 3
Columnar vertical cracking through both ends, no well-formed cones



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5 but end of cylinder is pointed

Specific Sample Location:	Water tank, Pipe cover slab		
Yards Placed:	4.0	yards³	Design Strength: 4000 psi
Density:			
Remarks:			

Reviewed By:

Darlene Daniels

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