

REPORT OF CONCRETE FIELD & LABORATORY TESTING

PROJECT:

CLIENT: DN Tanks

11 Teal Road Wakefield, MA 01880 Attn: Mr. Jake Sreca Middletown CT 224 Talcott Ridge Drive Middletown, CT

DATE: August 31, 2	2020	REPORT #:	20-07-161-002	Page 1 of 2
General Location:	Water Tank, Pipe pit			
Date Cast: Field Rep: Contractor: Concrete Supplier: Concrete Admixtures: Air Temp: Weather:	7/30/2020 Jason Reyes DN Tanks CT Ready Mix Super P 82 °F cloudy			
Nominal Size of Aggr:	1 1/2"			
Date Received by Lab:	7/31/2020 FIELD TEST RESULTS (Sampled	d in accordance	with ASTM C172)	

TICKET #	*# CYL	SLUMP TEST (in)	AIR CONTENT (%)	TEMPERATURE (°F)	ELAPSED TIME		1E
		(ASTM C143)	(ASTM C231)	(ASTM C1064)	Batch	Final	Total (Min)
1008058	6	7.00''	1.80%	86 °F	8:30 AM	10:25 AM	115

*Specimens molded/conditioned in accordance with ASTM C31/ASTM C1231 LABORATORY COMPRESSIVE STRENGTH TESTING (ASTM C39)

Test Diameter (in) Sectional (in ²) Image: Constraint of the section of the sect	Date of	Cylinder ID	Cylinder		e Avg Measured	Cross	PSI	Max. Load	d Break Type
08/02/20 A 3 LAB 6.00" 28.26" 3,170 89,720 08/06/20 B 7 LAB 6.00" 28.26" 3,400 95,970 08/27/20 C 28 LAB 6.00" 28.26" 4,220 119,200 08/27/20 D 28 LAB 6.00" 28.26" 4,280 120,980 08/27/20 D 28 LAB 6.00" 28.26" 4,280 120,980 E HOLD		Cymider ib		Age Cui	-		F 31		ы блеактуре
08/06/20 B 7 LAB 6.00" 28.26" 3,400 95,970 08/27/20 C 28 LAB 6.00" 28.26" 4,220 119,200 08/27/20 D 28 LAB 6.00" 28.26" 4,280 120,980 E HOLD E HOLD E		Δ	Δ	3 1 4			3 170	89 720	2
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $						1		,	2
E HOLD F HOLD F HOLD F HOLD Image: State of the sta									
F HOLD F Hold <td< td=""><td>08/27/20</td><td></td><td></td><td>-</td><td></td><td>28.26"</td><td>4,280</td><td>120,980</td><td>2</td></td<>	08/27/20			-		28.26"	4,280	120,980	2
Image: Specific State S		E	E						
Type 1 Type 1 Neasonably well-formed cores on one process or uning the rest on one process or other end Type 2 Well formed cores on one process or other end Type 3 Columnar ended, no well- formed cores on other end Type 3 Stable thread one on other end Type 4 Stable thread one on other end Type 5 Stable thread one on othere end Type 5 <td></td> <td>F</td> <td>F</td> <td>HO</td> <td>.D</td> <td></td> <td></td> <td></td> <td></td>		F	F	HO	.D				
Type 1 Type 2 Reasonably well-formed cores on both cards, log transmission to the rend well-formed cores on other end Type 2 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Side fractures at top or both ends, from Vertical cardsing through both ends, no well-formed cores Type 3									
Type 1 Type 2 Reasonably well-formed cores on both cards, log transmission to the rend well-formed cores on other end Type 2 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Side fractures at top or both ends, from Vertical cardsing through both ends, no well-formed cores Type 3									
Type 1 Reasonably well-formed cortes on both cash, led tracking through caps Type 2 Well-formed core on one well-formed core on other end Type 3 Type 3 Columan z vertical cracking through both ends, no well- formed cores Type 4 Diagonal Technik Interview with no cracking through cops, so well- formed cores Type 3 Type 3 Columan z vertical cracking through both ends, no well- formed cores Type 4 Diagonal Technik Interview with no cracking through both ends, no well- distinguish from Type 1 Type 5 Side fractures at top or both monor to with unbonded caps) Type 5 Similar to Type 5 Similar to Type 5 Similar to Type 5									
Type 1 Type 2 Reasonably well-formed cores on both cards, log transmission to the rend well-formed cores on other end Type 2 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Will formed cores on both cards, log transmission to the rend well-formed cores on other end Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Columnar vertical cardsing through both ends, no well-formed cores Type 3 Side fractures at top or both ends, from Vertical cardsing through both ends, no well-formed cores Type 3									
Reasonably well-formed Well-formed conce on one Columnar variational cracking branchines in the stude fractures at top or Type 6 concern on both ends, less end, vertical cracks running variation cracking through ends, so well- than 1 in 1									
Specific Sample Location: Dipo pit	Reasonably v cones on bott than 1 in. [well-formed h ends, less 25 mm) of	well-formed th ends, less [25 mm] of	Well-formed cone on one end, vertical cracks running through caps, no well-	Columnar vertical cracking through both ends, no well-	Diagonal fracture with cracking through en tap with hammer t	ds; 50 o bott	e fractures at top or com (occur commonly	Type 6 Similar to Type 5 but end of cylinder is pointed
	Specific Sar	mple Locatio	mple Locat						
Yards Placed: 20 yards ³ Design Strength: 4000 psi									
Density:	Density:			-		- •		-	
Remarks:	-								

Reviewed By:

Darlene Daniels

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TICKET #	*# CYL	SLUMP TEST (in)	AIR CONTENT (%)	TEMPERATURE (°F)	ELAPSED TIME		
		(ASTM C143)	(ASTM C231)	(ASTM C1064)	Batch	Final	Total (Min)
1008080	6	5.00"	1.80%	86 °F	9:03 AM	10:59 AM	116

*Specimens molded/conditioned in accordance with ASTM C31/ASTM C1231 LABORATORY COMPRESSIVE STRENGTH TESTING (ASTM C39)

Date of	Cylinder ID	Age	Cure	Avg Measured	Cross	PSI	Max. Load	Break Type	
Test				Diameter (in)	Sectional (in ²)				
08/02/20	А	3	LAB	6.00''	28.26"	3,060	86,490	3	
08/06/20	В	7	LAB	6.00''	28.26''	3,150	89,100	2	
08/27/20	С	28	LAB	6.00''	28.26''	4,240	119,890	2	
08/27/20	D	28	LAB	6.00''	28.26''	4,390	123,960	2	
	E		HOLD						
	F		HOLD						
Type 1 Type 2 Type 4 Type 5 Type 5 Reasonably wellformed Well-formed cone on one Type 3 Diagonal fracture with no Side fractures at top Type 6 cores on both ends, less end, vertical cracks running Columnar vertical cracking through ends; Side fractures at top Similar to Type 5 Similar to Type 5 than 1, 125 mml of through caps, no well- through both ends, no well- top with hammer to bott onds, no well- top with hammer to ottom Gradwing through ends; of cylinder is pointed cracking through caps defined cone on other end formed cones distinguish from Type 1 with unbondied caps) of cylinder is pointed									
Specific Sample Location: Pipe pit									
Yards Placed: 20 yards ³ Design Strength: 4000 psi									
Density:									
Remarks:									

Reviewed By:

Darlene Daniels

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