



REPORT OF SOILS FIELD COMPACTION TESTING

CLIENT: Ludlow Construction Co., Inc.
 19 Carmelina's Circle
 Ludlow, MA 01056
 Attn: Mr. Mike Pio

PROJECT: Durham Meadows Waterline
 Durham, CT

DATE: October 28, 2019

REPORT #: 19-75-012-021 Page 1 of 2

General Location: Talcott Ridge Drive, Waterline Trench
Field Rep: Nicholas Lisowski
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 55°F
Weather: Partly Cloudy
Soil ID#: 3519-592
Soil Type: Light Grey Gravel w/ Sand & Silt (3.5" Gravel)
Proctor Sample Source: Haynes Group

Proctor Value: 141.4 **lbs/ft³**

Optimum Moisture: 4.6%

Gauge Type: Troxler 3430

Required Compaction: 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 24.0" BFG	2.4%	137.0	96.9%
LOCATION:	Station #39+07			
2	6"/ 16.0" BFG	2.8%	138.0	97.6%
LOCATION:	Station #39+37			
3	6"/ 32.0" BFG	2.6%	135.3	95.7%
LOCATION:	Station #38+90			
LOCATION:				
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REMARKS: Crew Finished at Station #131+35
 BFG - Below Finish Grade



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Field Rep: Nicholas Lisowski
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 55°F
Weather: Partly Cloudy
Soil ID#: 3519-608
Soil Type: Light Gray Gravel w/ Silt & Sand (1.5" Gravel)
Proctor Sample Source: Haynes Group

Proctor Value: 138.9 lbs/ft³

Optimum Moisture: 7.8%

Gauge Type: Troxler 3430

Required Compaction: 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
4	6"/ 6.0" BFG	2.6%	135.7	97.7%
LOCATION:	Station #39+39			
5	6"/ Subbase	2.5%	132.7	95.5%
LOCATION:	Station #39+39			
LOCATION:				
LOCATION:				
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