



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: July 20, 2020

REPORT #: 19-75-012-086 Page 1 of 2

General Location: South Main Street (Route 17), Waterline Trench
Field Rep: Stephen Sturges
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 92°F
Weather: Sunny
Soil ID#: 3519-600
Soil Type: Reddish brown sand with gravel
Proctor Sample Source: On site

Proctor Value: 136.3 **lbs/ft³** **Optimum Moisture:** 6.6%
Gauge Type: Troxler 3440 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	12" / 16" BFG	2.2%	132.0	96.8%
LOCATION:	Station #171+21			
LOCATION:				
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REMARKS: BFG - Below Finish Grade



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Field Rep: Stephen Sturges
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 92°F
Weather: Sunny
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:** 4.6%
Gauge Type: Troxler 3440 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
2	12"/ 4" BFG	1.9%	134.8	97.0%
LOCATION:	Station #171+21			
LOCATION:				
LOCATION:				
LOCATION:				
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