



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 16, 2020

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General Location: South Main Street (Route 17), Waterline Trench
Field Rep: Gregory Vachon
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 78°F
Weather: Partly 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 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 12" BFG	1.9%	138.5	99.7%
LOCATION:	Station #164+50			
2	6"/ 4" BFG	2.3%	139.1	100.0+
LOCATION:	Station #164+50			
3	6"/ 12" BFG	2.4%	138.2	99.5%
LOCATION:	Station #167+70			
4	6"/ 4" BFG	2.0%	139.1	100.0+
LOCATION:	Station #167+70			
LOCATION:				
LOCATION:				
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LOCATION:				

REMARKS: BFG - Below Finish Grade