



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: September 8, 2019 **REPORT #:** 19-75-012-001 Page 1 of 2

General Location: South Main Street, Waterline Trench
Field Rep: Stephen Sturges
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 64°F
Weather: Night/ Clear
Soil ID#: 3519-592
Soil Type: Light Gray 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	8"/ 24.0" BFG	3.7%	139.9	98.9%
LOCATION:	Station #100+99			
2	8"/ 24.0" BFG	4.4%	139.1	98.4%
LOCATION:	Station #100+74			
LOCATION:				
LOCATION:				
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LOCATION:				
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REMARKS: BFG - Below Finish Grade (BFG - 4.0" Below Base Course for Asphalt)





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General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 64°F
Weather: Night/ Clear
Soil ID#: 3519-608
Soil Type: Light Gray Gravel w/ Sand & Silt (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 (%)
3	8"/ 12.0" BFG	6.9%	133.6	96.2%
LOCATION:	Station #100+99			
4	8"/ 12.0" BFG	7.6%	134.7	97.0%
LOCATION:	Station #100+74			
5	6"/ 4.0' BFG	8.2%	134.4	96.8%
LOCATION:	Station #100+99			
6	6"/ 4.0' BFG	7.7%	135.6	97.6%
LOCATION:	Station #100+74			
LOCATION:				
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REMARKS: BFG - Below Finish Grade (BFG - 4.0" Below Base Course for Asphalt)