



**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 4, 2020

**REPORT #:** 19-75-012-098 Page 1 of 1

**General Location:** Route 68 and Maple Avenue  
**Field Rep:** Stephen Sturges  
**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 80°F  
**Weather:** Clear  
**Soil ID#:** 3519-608  
**Soil Type:** Light gray gravel with silt and sand  
**Proctor Sample Source:** Haynes Group

**Proctor Value:** 138.9 lbs/ft<sup>3</sup>

**Optimum Moisture:** 7.8%

**Gauge Type:** Troxler 3440

**Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 12" BFG	3.3%	138.0	99.4%
<b>LOCATION:</b>	Hydrant connection at Route 68 and Maple Avenue			
2	6"/ 4" BFG	3.9%	137.4	98.9%
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**REMARKS:** BFG - Below Finish Grade (Top of Asphalt)