



**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:** August 19, 2020

**REPORT #:** 19-75-012-092 Page 1 of 1

**General Location:** South Main Street (Route 17) and #13 Maple Street  
**Field Rep:** David Tong  
**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 76°F  
**Weather:** 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/ft<sup>3</sup>      **Optimum Moisture:** 4.6%  
**Gauge Type:** Troxler 3430      **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	12"/ Finish Grade	1.5%	139.2	100.0+
<b>LOCATION:</b> South Main Street, Station #189+76, 6' off of West curb				
2	12"/ Finish Grade	1.1%	140.3	100.0+
<b>LOCATION:</b> South Main Street, Station #189+76, 6' off of West curb				
*3	12"/ Finish Grade	1.0%	132.8	95.6%
<b>LOCATION:</b> 13 Maple Street				
*4	12"/ Finish Grade	1.8%	140.1	100.0+
<b>LOCATION:</b> 13 Maple Street				
<b>LOCATION:</b>				
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<b>LOCATION:</b>				
<b>LOCATION:</b>				

**REMARKS:** \* 13 Maple Street - Work scheduled for next year, no station numbering at this time.