



**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 21, 2020

**REPORT #:** 19-75-012-093 Page 1 of 1

**General Location:** South Main Street (Route 17)  
**Field Rep:** Nicholas Kapp  
**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 80°F  
**Weather:** Clear  
**Soil ID#:** 3520-323  
**Soil Type:** Brownish red silty sand with gravel (Native material)  
**Proctor Sample Source:** On site

**Proctor Value:** 139.0      **lbs/ft<sup>3</sup>**      **Optimum Moisture:** 6.2%  
**Gauge Type:** Troxler 3430      **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	10"/ Finish Grade	3.1%	135.3	97.3%
<b>LOCATION:</b>	Station #194+30			
2	10"/ Finish Grade	4.2%	132.2	95.1%
<b>LOCATION:</b>	Station #192+50			
3	10"/ Finish Grade	3.5%	134.5	96.8%
<b>LOCATION:</b>	Station #300+50			
4	10"/ Finish Grade	4.7%	136.2	98.0%
<b>LOCATION:</b>	Station #301+20			
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**REMARKS:**