



**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 2, 2020

**REPORT #:** 19-75-012-085 Page 1 of 1

**General Location:** Water Tank Foundation  
**Field Rep:** Stephen Sturges  
**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 76°F  
**Weather:** Clear  
**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 3440                                      **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 439.67'	4.8%	137.4	98.9%
<b>LOCATION:</b>	North of Center of Foundation			
2	6"/ 439.67'	6.6%	138.0	99.4%
<b>LOCATION:</b>	South Center of Foundation			
3	6"/ 439.67'	5.7%	137.1	98.7%
<b>LOCATION:</b>	East Center of Foundation			
4	6"/ 439.67'	5.7%	139.1	100.0+
<b>LOCATION:</b>	West Center of Foundation			
<b>LOCATION:</b>				
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<b>LOCATION:</b>				

**REMARKS:**