



**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:** October 22, 2019

**REPORT #:** 19-75-012-018 Page 1 of 2

**General Location:** Talcott Ridge Drive, Waterline Trench  
**Field Rep:** Nicholas Lisowski  
**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 55°F  
**Weather:** Overcast  
**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:** 7.8%

**Gauge Type:** Troxler 3430

**Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 6.0" BFG	2.3%	132.0	95.0%
<b>LOCATION:</b>	Station #43+49			
2	6"/ Finish Grade	2.1%	132.1	95.1%
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**REMARKS:** BFG - Below Finish Grade



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**General Contractor:** Ludlow Construction Co., Inc.  
**Earthwork Contractor:** Ludlow Construction Co., Inc.  
**Air Temp:** 55°F  
**Weather:** Overcast  
**Soil ID#:** 3519-592  
**Soil Type:** Light Grey Gravel w/ Sand & Silt (3.5" Gravel)  
**Proctor Sample Source:** Haynes Group

**Proctor Value:** 141.4 **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 (%)
3	12"/ Sub Base	1.1%	135.2	95.6%
<b>LOCATION:</b>	Station #43+49			
4	12"/ 1.0' BFG	2.9%	134.9	95.4%
<b>LOCATION:</b>	Station #43+49			
5	12"/ 2.5' BFG	2.0%	139.5	98.7%
<b>LOCATION:</b>	Station #42+54			
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**REMARKS:** BFG - Below Finish Grade