



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: June 30, 2020

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General Location: Talcott Ridge Road, Water Tank
Field Rep: Stephen Sturges
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 76°F
Weather: Rain
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/ft³** **Optimum Moisture:** 4.6%
Gauge Type: Troxler 3440 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	10"/ 436.0'	2.4%	135.9	97.8%
LOCATION: North of Center of Foundation				
2	10"/ 436.0'	1.7%	136.5	98.3%
LOCATION: South Center of Foundation				
3	10"/ 436.0'	2.7%	135.6	97.6%
LOCATION: East Center of Foundation				
4	10"/ 436.0'	2.0%	134.6	96.9%
LOCATION: West Center of Foundation				
5	6"/ 436.67'	2.5%	134.8	97.0%
LOCATION: North of Center of Foundation				
6	6"/ 436.67'	3.0%	135.3	97.4%
LOCATION: South Center of Foundation				
7	6"/ 436.67'	3.7%	137.1	98.7%
LOCATION: East Center of Foundation				
8	6"/ 436.67'	3.9%	134.8	97.0%
LOCATION: West Center of Foundation				

REMARKS: