



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: April 21, 2020

REPORT #: 19-75-012-045 Page 1 of 2

General Location: South Main Street (Route 17), Waterline Trench
Field Rep: Jim LaCroix
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 45°F
Weather: Partly Sunny
Soil ID#: 3519-600
Soil Type: Reddish Brown Silty Sand w/ Gravel
Proctor Sample Source: On-Site

Proctor Value: 136.3 **lbs/ft³** **Optimum Moisture:** 6.6%
Gauge Type: Troxler 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 3.0' BFG	7.4%	139.1	100.0+
LOCATION:	Station #163+44			
LOCATION:				
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LOCATION:				

REMARKS: BFG - Below Finish Grade (Base Course for Asphalt)



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Field Rep: Jim LaCroix
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 45°F
Weather: Partly Sunny
Soil ID#: 3519-592
Soil Type: Light Gray Gravel w/ Sand & Silt
Proctor Sample Source: Haynes Group

Proctor Value: 141.4 **lbs/ft³** **Optimum Moisture:** 4.6%
Gauge Type: Troxler 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
2	6"/ 2.5' BFG	5.0%	134.5	95.1%
LOCATION:	Station #163+44			
3	6"/ 2.0' BFG	5.3%	134.4	95.0%
LOCATION:	Station #163+44			
LOCATION:				
LOCATION:				
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REMARKS: BFG - Below Finish Grade (Base Course for Asphalt)