



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: May 15, 2020

REPORT #: 19-75-012-062A Page 1 of 2

General Location: Picket Lane, Waterline Service Extension
Field Rep: Stephen Devlin
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 78°F
Weather: Overcast to Clear
Soil ID#: 3520-218
Soil Type: Dark Brown Clayey sand w/ Gravel (On Site Bankroll Clay/Silt)
Proctor Sample Source: On Site Excavation

Proctor Value: 131.3 **lbs/ft³** **Optimum Moisture:** 8.7%
Gauge Type: Troxler 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
1	6"/ 1.5' BFG	7.0%	128.3	97.7%
LOCATION:	Station #514+30			
LOCATION:				
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LOCATION:				

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



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General Location: Picket Lane, Waterline Service Extension (Base Course)
Field Rep: Stephen Devlin
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 78°F
Weather: Overcast to 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/ft³** **Optimum Moisture:** 7.8%
Gauge Type: Troxler 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
2	6" / Base Course	2.0%	134.3	96.7%
LOCATION:	Station #513+00			
LOCATION:				
LOCATION:				
LOCATION:				
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REMARKS: