



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: August 13, 2020

REPORT #: 19-75-012-090 Page 1 of 2

General Location: South Main Street (Route 17), Waterline Trench
Field Rep: Hunter Davis
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 85°F
Weather: Mostly Sunny
Soil ID#: 3519-600
Soil Type: Reddish brown sand with 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	10" / 1.5' BFG	8.0%	132.0	96.8%
LOCATION:	Station #415+00			
2	10" / 2.5' BFG	7.9%	133.2	97.7%
LOCATION:	Station #415+00			
LOCATION:				
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REMARKS: BFG - Below Finish Grade



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Field Rep: Hunter Davis
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 85°F
Weather: Mostly Sunny
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 3430 **Required Compaction:** 95.0%

TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)
3	10"/ 4" BFG	1.6%	133.5	96.1%
LOCATION: Station #190+53				
4	10"/ 4" BFG	1.8%	131.9	95.0%
LOCATION: Station #189+15				
5	10"/ Finish Grade	2.0%	135.2	97.3%
LOCATION: Station #415+00				
6	10"/ 8" BFG	1.3%	132.4	95.3%
LOCATION: Station #415+00				
LOCATION:				
LOCATION:				
LOCATION:				
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REMARKS: BFG - Below Finish Grade