



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 1, 2020

REPORT #: 19-75-012-072 Page 1 of 1

General Location: South Main Street (Route 17) & Picket Lane, Waterline Trench
Field Rep: Stephen Sturges
General Contractor: Ludlow Construction Co., Inc.
Earthwork Contractor: Ludlow Construction Co., Inc.
Air Temp: 72°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/ft³**

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" / 4" BFG	2.2%	134.0	96.5%
LOCATION: Station #117+63, Route 17 (East side)				
2	6" / 4" BFG	1.9%	131.9	95.0%
LOCATION: Station #534+30, Picket Lane				
3	6" / 4" BFG	3.2%	132.1	95.1%
LOCATION: Station #204+50, 18' East of West Curb				
4	6" / 12" BFG	2.4%	132.7	95.5%
LOCATION: Station #204+50, 25' East of West Curb				
5	6" / 12" BFG	2.3%	136.4	98.2%
LOCATION: Station #204+50, 35' East of West Curb				
6	6" / 12" BFG	2.5%	133.8	96.3%
LOCATION: Station #117+63, Route 17 (West side)				
7	6" / 12" BFG	2.6%	135.7	97.7%
LOCATION: Station #119+00, Route 17 (East side)				
8	6" / 12" BFG	2.1%	134.6	96.9%
LOCATION: Station #119+00, Route 17 (West side)				

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