

CLIENT:

Ludlow Construction Co., Inc.

PROJECT:

Durham Meadows Waterline

Durham, CT

19 Carmelina's Circle Ludlow, MA 01056

Attn: Mr. Mike Pio

DATE:

September 17, 2019

REPORT #:

19-75-012-006 Page 1 of 5

General Location:

South Main Street, Waterline Trench

Field Rep:

Stephen Sturges

General Contractor:

Ludlow Construction Co., Inc.

Earthwork Contractor:

Ludlow Construction Co., Inc.

Air Temp:

50°F

Weather:

Night/ Clear

Soil ID#:

3519-600

Soil Type:

Reddish Brown Silty Sand w/ Gravel

Proctor Sample Source:

Onsite

Proctor Value:

136.3

lbs/ft<sup>3</sup>

Optimum Moisture:

6.6%

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LOCATION:

Required Compaction:

95 0%

Sauge Type:	Troxler 3430		Required Compaction: 95.0%		
TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)	
1	10"/40.0" BFG	9.1%	131.9	96.8%	
LOCATION:	Station #52+00		***************************************		
2	10"/ 40.0" BFG	8.0%	132.3	97.1%	
LOCATION:	Station #52+25			***************************************	
LOCATION:					

REMARKS: BFG - Below Finish Grade (BFG - 4.0" Below Base Course for Asphalt)



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Optimum Moisture:

6.6%

LOCATION:

Required Compaction:

95.0%

Troxler 3430 Gauge Type: COMPACTION DRY DENSITY MOISTURE DEPTH/ELEV. TEST 1%1 (pcf) (%) (in/ft) NUMBER 97.9% 133.4 9.4% 10"/28.0" BFG Station #52+00 LOCATION: 98.1% 133.7 7.9% 10"/ 28.0" BFG Station #52+25 LOCATION: LOCATION: LOCATION: LOCATION: LOCATION:

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Proctor Value:

lbs/ft3 136.3

Optimum Moisture:

6.6%

LOCATION:

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Required Compaction:

95.0%

roxier 3430	redance companies			
EPTH/ELEV.	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)	
0"/16.0" BFG	8.2%	132.5	97.2%	
า #52+00				
0"/ 16.0" BFG	8.5%	132.0	96.8%	
n #52+25	nanananananananananananananananananana		**************************************	
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Field Rep:

Stephen Sturges

General Contractor:

Ludlow Construction Co., Inc. Ludlow Construction Co., Inc.

Earthwork Contractor:

50°F

Air Temp: Weather:

Night/ Clear

Soil ID#:

3519-608

Soil Type:

Light Gray Gravel w/ Silt & Sand (1.5" minus)

Proctor Sample Source: Haynes Group

Proctor Value:

138.9

lbs/ft3

Optimum Moisture:

7.8%

LOCATION:

Postuired Compaction:

95.0%

Sauge Type:	Troxler 3430		Required Compaction: 95.0%		
TEST NUMBER	DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)	
7	6"/8.0" BFG	3.4%	132.9	95.7%	
LOCATION:	Station #52+00			***************************************	
8	6"/ 8.0" BFG	4.0%	132.6	95.5%	
LOCATION:	Station #52+25			***************************************	
LOCATION:					

LOCATION: REMARKS: BFG - Below Finish Grade (BFG - 4.0" Below Base Course for Asphalt)



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Air Temp:

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Soil ID#:

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Soil Type:

Light Gray Gravel w/ Silt & Sand (1.5" minus)

**Proctor Sample Source:** 

Haynes Group

Proctor Value:

LOCATION:

138.9

Optimum Moisture:

7.8%

Gauge Type

Troyler 3430

Required Compaction:

95.0%

Troxler 3430	Required Compaction: 93.0%			
DEPTH/ELEV. (in/ft)	MOISTURE (%)	DRY DENSITY (pcf)	COMPACTION (%)	
2"/4.0" BFG	2.9%	134.2	96.6%	
Station #52+00				
2"/ 4.0" BFG	2.3%	134.9	97.1%	
Station #52+25	**************************************		***************************************	
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		A CONTRACTOR OF THE PROPERTY O	and the second s	
	DEPTH/FLEV. (in/ft) 2"/4.0" BFG Station #52+00 2"/ 4.0" BFG	DEPTH/ELEV. MOISTURE   (in/ft) (%)   2"/4.0" BFG 2.9%   Station #52+00 2.3%	DEPTH/ELEV. MOISTURE DRY DENSITY   (in/ft) (%) (pcf)   2"/4.0" BFG 2.9% 134.2   Station #52+00   2"/4.0" BFG 2.3% 134.9	

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