

CLIENT:	Ludlow Construction Co., Inc. 19 Carmelina's Circle			PROJECT:	Durham Meadows Waterline Durham, CT			
	Ludlow, MA 0	1056						
	Attn: Mr. Mike	e Pio						
DATE:	October 21, 20	019		REPORT #:	19-75-012-017 Pag	e 1 of 5		
General Lo	ocation:	South Main S	South Main Street, Waterline Trench					
Field Rep:		Stephen Sturges						
General Co	ontractor:	-	truction Co., Inc.					
	Contractor:		truction Co., Inc.					
Air Temp:		45°F						
Weather:		Clear/Night						
Soil ID#:		3519-600						
Soil Type:			vn Silty Sand w/ Gravel					
	mala Sources	On site	vii Siity Saliu wy Glavei					
Proctor Sa	mple Source:	On site						
Proctor Value:		136.3	lbs/ft ³		Optimum Moisture:	6.6%		
Gauge Typ	e:	Troxler 3430			Required Compaction:	95.0%		
TEST	DEPT	TH/ELEV.	MOISTURE		DRY DENSITY	COMPACTION		
NUMBE	•	in/ft)	(%)		(pcf)	(%)		
1		44.0" BFG	7.7%		131.7	96.6%		
LOCATIO								
2		44.0" BFG	8.6%		132.6	97.3%		
LOCATIO			0.00/					
3		44.0" BFG	6.9%		133.0	97.6%		
LOCATIO			0.7%		122.0	07.40/		
4 LOCATIO		10"/44.0" BFG 8.7% Station #125+76			132.8	97.4%		
10CATIO 5			8.5%		131.9	96.8%		
		10"/ 44.0" BFG 8.5% Station #126+01			131.9	90.8%		
6		10"/ 44.0" BFG 9.0%			131.7	96.6%		
LOCATIO			5.070	I	-01.7	50.070		
7		44.0" BFG	9.1%		132.1	96.9%		
LOCATIO				I				
LOCATIO	N:		1		I			
REMARK		w Finish Grade						

REMARKS: BFG - Below Finish Grade



CLIENT:	19 Carmelina's		2.	PROJECT:	Durham Meadows V Durham, CT	Waterline	
	Ludlow, MA 0 Attn: Mr. Mike						
		e Più					
DATE:	October 21, 20	019		REPORT #:	19-75-012-017 Pag	e 2 of 5	
General Lo	ocation:	South Main S	Street, Waterline Trencl	า			
Field Rep:		Stephen Sturges					
General Co	ontractor:	Ludlow Cons	truction Co., Inc.				
Earthwork	Contractor:	Ludlow Cons	truction Co., Inc.				
Air Temp:		45°F					
Weather:		Clear/Night					
Soil ID#:		3519-600					
Soil Type:			wn Silty Sand w/ Gravel				
	mple Source:	On site					
110000104		on site					
Proctor Va	lue:	136.3	lbs/ft ³		Optimum Moisture:	6.6%	
Gauge Typ	e:	Troxler 3430			Required Compaction:	95.0%	
TEST	DEPT	TH/ELEV.	MOISTURE		DRY DENSITY	COMPACTION	
NUMBE	•	in/ft)	(%)		(pcf)	(%)	
8		32.0" BFG	8.2%		132.4	97.1%	
LOCATIO							
9		32.0" BFG	8.6%		133.4	97.9%	
LOCATIC		Station #125+26					
10		32.0" BFG	9.2%		133.3	97.8%	
LOCATIO							
11		12"/32.0" BFG 8.7%			132.6	97.3%	
LOCATIO							
12		32.0" BFG	7.6%		132.9	97.5%	
LOCATIO			7.00/		101.0	00.00/	
13		32.0" BFG	7.0%		134.0	98.3%	
LOCATIO			0.40/		122.4	07 40/	
14		32.0" BFG	8.1%		132.4	97.1%	
LOCATIC	N: Station #1	.20+51			1		
				1			
LOCATIO							

REMARKS: BFG - Below Finish Grade



CLIENT:	Ludlow Consti 19 Carmelina': Ludlow, MA 0		. PRC	DJECT:	Durham Meadows Durham, CT	Waterline
	Attn: Mr. Mike					
DATE:	October 21, 2			ORT #:	19-75-012-017 Pag	e 3 of 5
General Lo			treet, Waterline Trench			
Field Rep:		Stephen Stur	ges			
General Co	ontractor:	Ludlow Cons	truction Co., Inc.			
Earthwork	Contractor:	Ludlow Cons	truction Co., Inc.			
Air Temp:		45°F				
Weather:		Clear/Night				
Soil ID#:		3519-600				
Soil Type:		Reddish Brov	vn Silty Sand w/ Gravel			
	mple Source:	On site				
	•		2			
Proctor Va	alue:	136.3	lbs/ft ³	0	ptimum Moisture:	6.6%
Gauge Typ	be:	Troxler 3430		Re	equired Compaction:	95.0%
TEST	DEPT	TH/ELEV.	MOISTURE		DRY DENSITY	COMPACTION
NUMBE	•	in/ft)	(%)		(pcf)	(%)
15		20.0" BFG	8.0%		133.8	98.2%
LOCATIC						
16	-	20.0" BFG	8.3%		133.3	97.8%
LOCATIC						
17		20.0" BFG	9.0%		132.6	97.3%
LOCATIC						
18		12"/20.0" BFG 9.4%			132.5	97.2%
LOCATIC						
19		20.0" BFG	7.7%		133.4	97.9%
LOCATIC						
					100.0	AA A A A
20	12"/	20.0" BFG	9.9%		133.8	98.2%
LOCATIC	12"/ 1 DN: Station #1	20.0" BFG .26+26				
LOCATIC 21	12"/ 2 DN: Station #1 12"/ 2	20.0" BFG .26+26 20.0" BFG	9.9% 9.8%		133.8	98.2% 97.1%
LOCATIC	12"/ 2 DN: Station #1 12"/ 2	20.0" BFG .26+26 20.0" BFG				
LOCATIC 21	12"/ 2 DN: Station #1 12"/ 2 DN: Station #1	20.0" BFG .26+26 20.0" BFG				

REMARKS: BFG - Below Finish Grade



CLIENT:	Ludlow Construction Co., Inc. 19 Carmelina's Circle Ludlow, MA 01056			OJECT:	Durham Meadows \ Durham, CT	Vaterline		
	Attn: Mr. Mike	e Pio						
DATE:	October 21, 20	019	RE	PORT #:	19-75-012-017 Page	e 4 of 5		
General Lo	cation:	South Main S	South Main Street, Waterline Trench					
Field Rep:		Stephen Sturges						
General Co	ntractor:	Ludlow Cons	truction Co., Inc.					
Earthwork	Contractor:		truction Co., Inc.					
Air Temp:		45°F	,					
Weather:		Clear/Night						
Soil ID#:		3519-608						
Soil Type:			avel w/ Silt & Sand (1.5" (Gravel)				
	mple Source:	Haynes Grou		Siavely				
110000 301	inple source.							
Proctor Value:		138.9	lbs/ft ³		Optimum Moisture:	7.8%		
Gauge Type	e:	Troxler 3430			Required Compaction:	95.0%		
TEST	DEP1	TH/ELEV.	MOISTURE		DRY DENSITY	COMPACTION		
NUMBE		in/ft)	(%)		(pcf)	(%)		
22		.2.0" BFG	3.3%		135.0	97.2%		
LOCATIO								
23		.2.0" BFG	2.9%		135.6	97.6%		
LOCATIO		Station #125+26						
24		.2.0" BFG	4.0%		134.0	96.5%		
LOCATIO								
25		8"/ 12.0" BFG 3.49			134.8	97.0%		
LOCATIO 26		25+76 .2.0" BFG	3.9%		125 5	07.0%		
LOCATIO			3.9%		135.5	97.6%		
27		.2.0" BFG	2.9%		135.9	97.8%		
LOCATIO			2.3/0		133.3	57.070		
28		2.0" BFG 2.7%			136.3	98.1%		
LOCATIO			2.170		130.5	50.170		
		20.01						
LOCATIO	N:							
DEMARK		w Einish Grade						

REMARKS: BFG - Below Finish Grade



CLIENT:	Ludlow Construction Co., Inc. 19 Carmelina's Circle Ludlow, MA 01056			DJECT:	Durham Meadows \ Durham, CT	Vaterline			
	Attn: Mr. Mike	tn: Mr. Mike Pio							
DATE:	October 21, 20	019	REP	ORT #:	19-75-012-017 Pag	e 5 of 5			
General Lo	cation:	South Main S	South Main Street, Waterline Trench						
Field Rep:		Stephen Sturges							
General Co	ontractor:	·	truction Co., Inc.						
	Contractor:		truction Co., Inc.						
Air Temp:		45°F							
Weather:		Clear/Night							
Soil ID#:		3519-608							
Soil Type:			avel w/ Silt & Sand (1.5" G	ravol)					
		Haynes Grou		lavel)					
Proctor Sa	mple Source:	naynes Grou	þ						
Proctor Va	lue:	138.9	lbs/ft ³	C	ptimum Moisture:	7.8%			
Gauge Typ	e:	Troxler 3430		R	equired Compaction:	95.0%			
TEST	DEPT	TH/ELEV.	MOISTURE		DRY DENSITY	COMPACTION			
NUMBE		in/ft)	(%)		(pcf)	(%)			
29	8"/4	4.0" BFG	3.2%		135.5	97.6%			
LOCATIO									
30		4.0" BFG	4.4%		136.7	98.4%			
LOCATIO									
31		4.0" BFG	4.1%		136.0	97.9%			
LOCATIO									
32		8"/ 4.0" BFG 4.3%			135.8	97.8%			
LOCATIO			4 50/		126 5				
33 LOCATIO		8"/ 4.0" BFG 4.5%			136.5	98.3%			
10CATIO 34		Station #126+01 137.0 98.6%							
LOCATIO	,		3.5%		137.0	98.6%			
35		20+20 4.0" BFG	5.0%		136.6	98.3%			
LOCATIO			J.U/0		130.0	50.570			
LOCATIO		20.31							
LOCATIO	N:								
		Finish Crade							

REMARKS: BFG - Below Finish Grade