

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation
<b>Location:</b>	South Main Street, Middletown CT
<b>Project #:</b>	AECOM: 60445033
<b>Contractor:</b>	Ludlow Construction

<b>Date:</b>	September 10, 2019
<b>Day of Week:</b>	Tuesday
<b>Report No:</b>	3
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### Weather Conditions

<b>Conditions:</b>	Night			
<b>Temperature (°F):</b>	High	70°F	Low	60°F

[illegible]

## Summary of Work

**Visitors:**

2000 – Darrel Swatz (EPA)

**Notes:**

1850 – AECOM on site  
1900 – contractors, officers, USACE representation on site  
1945 – trenching underway with large excavator and dump truck  
2000 – EPA representation on site to take pictures, self interview for publicity  
2030 – compaction testing lab on site  
2120 – 2 pipe lengths in place with compacted backfill on top, 3<sup>rd</sup> length ready to be placed  
2115 – compaction test starting on 1<sup>st</sup> 12” fill layer above 1<sup>st</sup> pipe length

- Backfill did not pass compaction. test. Fine layer of sandy silty gravel is moist and hard to get to pass test
- Re-compacting area over new lines, passed compaction. test after re-compaction

2120 – Placing fine gravel above indicator tape on 3<sup>rd</sup> pipe length  
2200 – Compacting 2<sup>nd</sup> layer above first pipe length  
2215 – Compression testing 2<sup>nd</sup> backfill layer

- Failed @ both 10” and 8”, high moisture creating issues, recompacting layer
- 10 minutes to recompact section
- 5 minutes for compaction test results at each later
- Work stops during re-compaction situations because excavator used to trench for new pipe is also used to fill trenches over new pipe

2230 – passed second compaction test, continuing backfill  
2235 – 1<sup>st</sup> layer at next test location passed compaction test  
2240 – 4<sup>th</sup> pipe length attached  
2300 – workers taking break

**Res. Representative:**

F. Grimberg

**Date:** 9/10/19

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2310 – left site

Notes:

4 lengths (18' each) laid before 2300

**Payment Items:**

**Res. Representative:**

F. Grimberg

**Date:** 9/10/19

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Figure 1 – Geotextile fabric placed below new pipe length



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Figure 2 – Filter fabric filled with gravel being graded in preparation for pipe placement

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Figure 3 – Pipe Bedding being placed around newly installed pipe length, gravel wrapped in filter fabric underneath



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Figure 4 – Compaction testing underway



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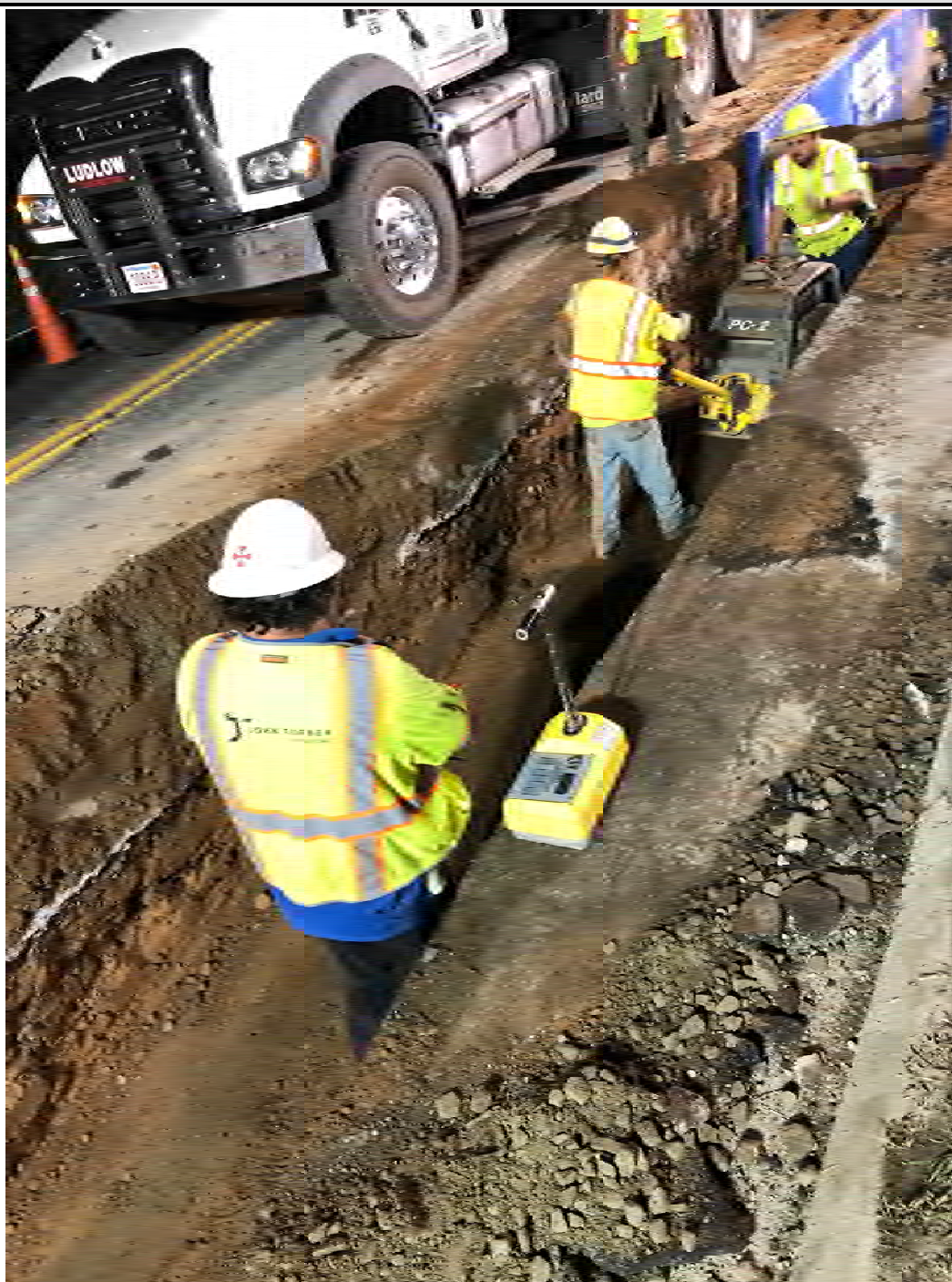


Figure 5 – Recompacting backfill after failed compaction test



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Figure 6 – Compacting first 12” backfill later above 3<sup>rd</sup> pipe length of the night