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**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

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Permit #: PRPWFR20171746, Public Works Infrastructure Permit - Residential  
Manor at Stoney Creek 2nd - street, storm, sewer and water

Address:

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This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

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Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
DEI-Sanitary Sewer - Vacuum	Brice Lawson	Failed	Tuesday, November 07, 2017

Informational

1 Brice Lawson 11/07/2017 4:32 PM  
Bryan Byrd witnessed vacuum testing on the following manholes:

MH A-7 Test Passed

MH B-1 Test Passed

Corrective Action Required

2 Brice Lawson 11/07/2017 4:34 PM  
Bryan Byrd witnessed a vacuum test on MH A-6.

This test failed.

Make necessary repairs and retest.

DEI-Storm - Sewer Construction Inspection	Brice Lawson	Partial	Tuesday, November 07, 2017
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Informational

1 Brice Lawson 11/07/2017 4:17 PM  
Redford installed the exterior pipe collars on CI 2-1 and CI 2-2. FI 2-3 has been installed. The exterior collars and invert have been installed at FI 2-3. The 36" HDPE storm pipe has been installed between CI 2-2 and FI 2-3. Approx. 160' of 30" HDPE has been installed from FI 2-3

to the east. It appears that the pipe is being bedded in clean rock. The HDPE pipe is being back filled as it is installed. I mentioned to the contractor that compaction testing needs to be completed on the backfill of the storm sewer trenches.

DEI-Sanitary Sewer - Air Test	Brice Lawson	Passed	Tuesday, November 07, 2017
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Informational

1 Brice Lawson 11/07/2017 4:31 PM  
Bryan Byrd witnessed air testing on the following line sanitary sewer line segments.

MH A-6 to MH A-7 Test Passed

MH A-7 to MH B-1 Test Passed

DEI-Sanitary Sewer - Air Test	Brice Lawson	Failed	Tuesday, November 07, 2017
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Corrective Action Required

1 Brice Lawson 11/07/2017 11:51 AM  
Redford tested the 15" sanitary main MH A-5 to MH A-6

The first time the line was pressurized a leak was noticed and the test was stopped.

The second test started at 3.65 psi and ended at 2.45 psi.

Test Time: 33:58

Failed Test

The third test started at 3.7 psi and ended at 2.45 psi

Test time: 33:58

Failed Test

Make necessary corrections and retest this line segment.

**Comments:**

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