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**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

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Permit #: PRPWFC20162083, Public Works Infrastructure Permit - Commercial

WATER UTILITIES FACILITY

Address: 1200 SE HAMBLER RD, LEES SUMMIT, MO 64081

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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:

<b>Inspection:</b>	<b>Inspector:</b>	<b>Outcome:</b>	<b>Date:</b>
PW-Sanitary Sewer Construction Inspection	Brice Lawson	Partial	Tuesday, January 17, 2017

Informational

- 1 Brice Lawson 11/10/2016 7:01 AM  
On 11/9/16 She Digs It installed 28' of 8" SDR 26 and encased 20' of it centered at the crossing of the elliptical concrete pipe.

Informational

- 2 Brice Lawson 11/15/2016 6:49 AM  
On 11/11/16 She Digs It installed approx 170' of 8" SDR26 sewer pipe between MH A1 and MH A2.

Informational

- 3 Brice Lawson 11/16/2016 6:48 AM  
On 11/11/16 She Digs It installed the base and barrel section for MH A1 and connected the 8" sewer pipe on the east side of MH.

Informational

- 4 Brice Lawson 11/16/2016 3:26 PM  
She Digs It installed the 8" SDR26 sanitary pipe from MH A2 to MH A3 and installed MH A3.

Informational

- 5 Brice Lawson 11/18/2016 3:01 PM  
She Digs It installed approx. 60' of 4" SDR 26 from MH A3 towards the oil/water interceptor.

Informational

- 6 Brice Lawson 11/22/2016 6:45 AOn 11/21/16 She Digs It installed more of the 4" SDR 26

sewer lateral pipe between MH A3 and the oil/water interceptor. This pipe ends close to where the oil/water interceptor is proposed to be located.

Informational

7 Brice Lawson 12/07/2016 1:57 PM

She Digs It installed MH-A4 and installed the 8" SDR26 sanitary pipe from MH-A3 to MH-A4. The joint between the cone and base was sealed with butyl joint sealant and the outside joint was wrapped. The lift holes were grouted in on MH-A3 and MH-A4. The utility marker tape was installed above the sewer pipe.

Informational

8 Brice Lawson 12/13/2016 3:03 PM

She Digs It installed the 4" SDR 26 sewer service line from MH-A4 to the building service line. The connection was made with a Strongback Fernco. This connection is southeast of MH-A4

They installed the 4" SDR 26 sewer service line from MH-A4 towards the connection to the building southwest of MH-A4. This line is capped about 5' short of the building. They are waiting for the building wall to be poured.

Corrective Action Required

9 Brice Lawson 12/13/2016 3:12 PM

Connect the 4" sewer service line to the building sewer service line. This is located southwest of MH-A4 near the building footing.

Informational

10 Brice Lawson 12/15/2016 11:02 AM

The inverts were installed in manholes A2, A3 and A4.

Informational

11 Brice Lawson 01/17/2017 3:30 PM

She Digs It damaged the 6" sanitary service wye connection at the sanitary sewer main for I believe 1161 SE Hamblen Rd. This repair is located 16' behind the curb on the 8" sanitary main. A 8" by 6" wye, two strongback ferncos and a 6" coupler were installed to make the repair.

PW-Storm - Sewer  
Construction Inspection

Brice Lawson

Partial

Tuesday,  
January 17,  
2017

Informational

1 Brice Lawson 11/03/2016 3:58 PM

She Digs It began removing the wall on the existing CI-8479 in preparation to the connection to this CI.

Informational

2 Brice Lawson 11/07/2016 3:09 PM

She Digs It installed CI 10A and poured the invert and collar around the 38" by 60" concrete elliptical pipe.

CI 10A was butted up next to the existing CI 8479 and the joint between the two has been partially grouted. Four rebar pins were drilled into the base of the existing CI and poured in the invert of CI 10A.

Gene Williams and I discussed this connection to the existing CI today.

Informational

3 Brice Lawson 11/28/2016 10:56 AM

The exterior pipe collars have been installed at the HDPE storm pipe connections for MH 30C and GI 30D.

Corrective Action Required

4 Brice Lawson 11/29/2016 2:24 PM

The interior collars and the inverts were installed in GI 30E, GI 30D and MH30C.

The invert in MH 30C needs to be smoothed.

Corrective Action Required

5 Brice Lawson 11/30/2016 2:36 PM

The oufall structure 10C has been installed and the 48" HDPE pipe has been connected to it. The collar and invert have been installed.

The collar on the inside of the structure needs to be filled in.

Informational

6 Brice Lawson 12/02/2016 7:05 AM

On 12/1/16 MH-40B base was installed and the remaining 12" HDPE pipe towards the pond.

CI 30B base was installed. The remaining 30" HDPE pipe towards the pond was installed and connected to CI 30B. The remaining 30" HDPE pipe was installed towards MH 30C.

Corrective Action Required

7 Brice Lawson 12/02/2016 3:45 PM

She Digs It poured the interior pipe collars on CI 30B. They installed CI 31A and connected the 18" HDPE pipe from CI31A to CI30B.

They installed the invert, interior and exterior collars on MH40B

The lid for MH 30C has been installed but needs to be seated down on the base section.

Informational

8 Brice Lawson 12/12/2016 3:52 PM

The base for GI 40C was installed and the remainder of the 12" HDPE storm pipe was installed between GI 40C and MH 40B

Informational

9 Brice Lawson 12/30/2016 3:33 PM

She Digs It installed the 4" underdrain into the southeast side of GI 30D and sealed the hole that was made in the manhole.

They installed the top section and lid with grate on GI 40C.

Informational

10 Brice Lawson 01/12/2017 4:10 PM

She Digs It installed the remainder of the 36" HDPE storm pipe between 20A and 20B which was about 20'. The base for MH-20B has been installed.

Informational

11 Brice Lawson 01/13/2017 3:44 PM

She Digs It installed the cone section on MH 20B. They installed 20' of the 30" HDPE pipe towards CGI 20C. They installed collars on the connections of the 36" and 30" HDPE pipes at MH 20B and the invert in the MH 20B

Informational

12 Brice Lawson 01/17/2017 3:46 PM

She Digs It installed FES 50A and connected 20' of 42" HDPE storm pipe.

**Comments:**

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