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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:

Inspection:	Inspector:	Outcome:	Date:
PW-Water Line - Valve	Brice Lawson	Partial	Monday, April 24, 2017

Informational

- 1 Brice Lawson 11/28/2016 11:40 AM  
The 6" gate valves have been installed for the fire hydrants at STA. 6+50 and STA. 10+04.99.

Informational

- 2 Brice Lawson 02/15/2017 7:37 AM  
I checked with Gene Williams to see if a 6" gate valve needs to be installed on the 6" fire line between the 4" domestic line and the backflow preventer. I explained that if in the future there is a problem with the backflow preventer that the domestic line would be taken out of service. He stated that the 6" gate valve does not need to be installed between the 4" domestic line and the backflow preventer.

Informational

- 3 Brice Lawson 02/17/2017 3:09 PM  
She Digs It installed cast iron valve box on the new 8" valve that is installed where the north commercial drive entrance will be located.

They also installed a cast iron valve box on the existing 12" valve 3089 as this valve box will be located in the north commercial drive entrance.

Informational

- 4 Brice Lawson 02/22/2017 3:37 PM  
She Digs It installed a 6" Mueller gate valve, cast iron valve box and DI sleeve near the 6" by 6" tee fitting that is located south of the double check detector vault. This valve was installed approx. 3' from the tee fitting on the 6" fire line that feeds the two fire hydrants on the west side of the site.

Informational

- 5 Brice Lawson 04/24/2017 2:33 PM  
She Digs It replaced the broken cast iron valve box located in the north entrance that is on the new 8" valve.

PW-Driveway Inspection      Brice Lawson      Partial      Monday,  
April 24, 2017

Informational

- 1 Brice Lawson 04/11/2017 3:26 PM  
Epic Concrete has formed the south driveway approach. They have installed grade stakes and it appears that they will be able to install 6" of concrete. The contractor and myself checked the grade stakes where the sidewalk will go through the driveway. These stakes were set to have approx. 1.5% cross slope for the sidewalk.

Informational

- 2 Brice Lawson 04/10/2017 1:55 PM  
Casey Williams requested an inspection of the base rock for the south driveway approach. The type 5 base rock appeared to be well compacted and stable. I dug holes 4 different areas of the approach to check the thickness of the type 5 rock. It appeared that there was at least an 8" thickness of the type 5 base rock.

The east concrete storm pipe that is under the driveway approach will not have the 8" of type 5 over it. This was approved by Gene Williams. This driveway approach pavement is designed to be 6" thick. I checked with Gene Williams about this pavement thickness being 6" instead of our standard 8" and he said it would be fine.

Corrective Action Required

- 3 Brice Lawson 04/12/2017 9:30 AM  
Epic Concrete has installed the south concrete driveway approach. The curb and driveway approach have been installed monolithically. It appears to be to the dimensions shown on the plans. They used KCMMB 4K concrete mix and sprayed the approach with white curing compound.

The cross slope is over 2% at the north ADA sidewalk ramp opening. Make necessary adjustments to fix the cross slope issue.

Informational

- 4 Brice Lawson 04/24/2017 2:35 PM  
Epic Concrete has the north driveway approach formed. This will be poured monolithically. 5/8" dowels have been installed at the existing curbs. It appears the rock base has been compacted and is stable. It appears that they will be able to install atleast 7" of concrete. Approx. 18" of the existing road was removed across the front of the approach due to loose/broken existing pavement. This pavement was removed to a depth of what appeared to be solid base asphalt. This area will be brought up to grade with 4000 psi KCMMB concrete.

PW-Water Line - Coliform  
Test 2

Brice Lawson

Passed

Monday,  
April 24, 2017

Informational

1 Brice Lawson 04/24/2017 2:46 PM  
The bacteria test results for day 2 passed.

This included a total of 5 samples:

- 1 from the backflow preventer
- 1 from the copper line at the wash bay
- 1 from the irrigation meter pit
- 1 from the 4" building riser
- 1 from the 4" building riser as quality control for Blue Valley Lab

**Comments:**

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