

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20162083, Public Works Infrastructure Permit - Commercial

WATER UTILITIES FACILITY

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

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.

Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
PW-Erosion Sediment Control (ESC) Inspection	Brice Lawson	Partial	Wednesday, November 30, 2016

Resolved

- 1 Brice Lawson 09/26/2016 3:59 PM
A section of silt fence has been added on the east edge of site, south of the temporary construction entrance.
A section of silt fence has been added on the north edge of the site near the dirt stock pile area. '

Repair the silt fence just south of the temporary construction entrance where it has been undermined.

Address the area just north of the future north drive entrance where sediment could leave the site.

Informational

- 2 Brice Lawson 09/14/2016 10:05 AM
The site has recieved .74" of rain in the last 24 hours. The silt fence that is in place is effective and in good shape. The street is free of debris.

Informational

- 3 Brice Lawson 09/07/2016 1:16 PM
A section of silt fence has been added on the east side of site to catch silt from the excavation of the retention pond.

Informational

- 4 Brice Lawson 08/31/2016 1:43 PM
The construction entrance has been installed with 2-30" culverts. There is a concern that the culvert pipes may make the entrance too tall for low clearance vehicles to access the

site.

Informational

5 Brice Lawson 10/07/2016 11:11 AM

This site received 15/16" of rain in the last 24 hours. The ESC devices that are in place appear to be effective and the road is free of debris.

Informational

6 Brice Lawson 10/17/2016 11:37 AM

The ESC devices that are in place appear to be effective and in good shape. There does not appear that any excessive silt/sediment leaving the site. The street is free of debris. Casey said the triangular silt dikes for the swales are on back order.

Corrective Action Required

7 Temporary Seeding on your site does not meet the Design and Construction Manual.

Brice Lawson 10/28/2016 8:39 AM

Add the linear ESC device on the east side of the retention pond that was recently removed for grading operations.

Resolved

8 Brice Lawson 11/30/2016 2:34 PM

Add rock to the construction entrance.

Brice Lawson 11/30/2016 2:35 PM

Rock has been added.

PW-Retention Basin

Brice Lawson

Partial

Wednesday,
November
30, 2016

Informational

1 Brice Lawson 11/02/2016 7:19 AM

On 11/1/16 construction began on the stone wall going around the inside of the detention basin. It appeared that the stones are approx. the correct thickness with 1" clean rock and fabric being installed behind and under the wall. The contractor is going to leave the rock 1' below the top of the stone wall to allow more soil to grow grass.

Informational

2 Brice Lawson 11/07/2016 3:19 PM

Construction continues on the stone wall. It appears that the stones are of the proper average thickness and length. The base rock and filter fabric have been installed.

Informational

3 Brice Lawson 11/30/2016 2:46 PM

The top of the retaining wall did not match the plans. The plan is to add one more coarse of the stones to the ne corner of the pond. This was ok with Joe Frogge.

PW-Water Line - Thrust

Brice Lawson

Partial

Wednesday,

Restraint

November
30, 2016

Informational

1 Brice Lawson 11/28/2016 10:59 AM

The thrust blocks have been installed on the fire line at the 22.5 degree bend at STA. 9+56.11, at the 90 degree bend at STA. 6+98.63, at the T, 90 degree bend and on the fire hydrant near STA. 6+50. KCMMB 5K mix was used for these thrust blocks.

Informational

2 Brice Lawson 11/29/2016 2:21 PM

The thrusts blocks were installed on the FH at STA. 10+04.99, the 22.5 degree bend at STA. 9+85.66.

Informational

3 Brice Lawson 11/30/2016 2:43 PM

The thrust blocks have been installed on the 8" T and the cap at STA. 2+88.86, the T for the 4" domestic and the T for the 6" fire line that are located near CI 30B.

PW-Storm - Sewer
Construction Inspection

Brice Lawson

Partial

Wednesday,
November
30, 2016

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.

PW-Fire Line Construction Brice Lawson Partial Wednesday,
Inspection November
30, 2016

Informational

1 Tthey installed aproximately 50 ft of 6" fire line and 50 ft of 1" domestic copper covered with rock and backfilled. They also did approximatley 50 more feet up to the fire hydrant. They left that open and were not going to backfill. Steve Robbins 11/23/2016 7:31 AM

Informational

2 Brice Lawson 11/23/2016 3:22 PM
She Digs It installed the 6" fire line from apprx. STA. 6+00 almost to STA. 9+85.16. This is just north of the 2nd 22.5 bend fitting.

Informational

3 Brice Lawson 11/30/2016 12:26 PM
I discussed with Gene Williams that the fire line and the domestic water line that goes to the building wil be flip flopped. The 6" fire line will cross the 4" domestic line due to this change.

Informational

4 Brice Lawson 11/30/2016 12:28 PM
She Digs It installed approx 45' of 6" C900 waterline at the T at the connection near the backflow vault.

Informational

5 Brice Lawson 11/28/2016 11:42 AM
The 6" C900 water line has been installed from where they left off near the bend at STA. 9+85.16 to the end of the line at the FH at STA. 10+04.99.

PW-Water Line Construction Brice Lawson Partial Wednesday,
Inspection November
30, 2016

Informational

1 Brice Lawson 11/23/2016 3:26 PM
She Digs It installed the 1" copper waterline from apprx. STA. 6+00 to the 90 degree bend

Informational

2 Brice Lawson 11/10/2016 7:12 AM
On 11/9/16 She Digs It installed 20' of 8" water line at the croosing of the eliptical concrete pipe.

Informational

3 Brice Lawson 11/16/2016 6:52 AM

On 11/15/16 She Digs It installed 80' of 8" water line near the north entrance to the site. They connected to the 8" water line that was previously installed at the storm pipe crossing and laid towards the west.

Informational

4 Brice Lawson 11/18/2016 11:19 AM

On 11/17/16 She Digs It installed 8" C900 water line on the water line that is north of the north entrance to the site. They connected where they left off previously and installed the pipe to the location where the T is to be installed on the west end.

Informational

6 Brice Lawson 11/30/2016 12:32 PM

She Digs It installed approx. 45' of 4" C900 domestic waterline near where the 1" domestic line runs to the west. They installed this T and connected the 1" domestic service with a cap tap.

Comments:
