
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	Thursday, August 03, 2017

Corrective Action Required

- 1 Your project is in violation of the Erosion and Sediment control policy.
Brice Lawson 02/01/2017 2:17 PM
Repair the silt fence or replace silt fence as needed on this site. The silt fence has been knocked down, has become unattached or removed at different locations. All silt fence needs to be repaired and properly maintained.

The debris on SE Hamblen Rd. from Bailey to Oldham Pkwy needs to be removed. This includes what has collected in the curb line.

Stabilize the disturbed soil that was disturbed during the storm sewer construction on the east side of Hamblen Rd.

Stabilize all inactive areas on this site.

Informational

- 2 Brice Lawson 09/14/2016 10:05 AM
The site has received .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.

Some seed was spread over most of the site but it did not produce much if any vegetation.

Corrective Action Required

8 Your project is in violation of the Erosion and Sediment control policy.
Brice Lawson 12/09/2016 10:57 AM

Stabilize inactive areas of the site in accordance with Section 5111 of the Lee's Summit Design and Construction Manual.

Repair and or replace the silt fence where it has been removed or knocked down and where it has become unattached from the wood stakes.

Install inlet protection around the installed curb inlets per the plan.

Informational

9 Brice Lawson 12/13/2016 3:16 PM

I met with Casey Williams to go over options that are in the Design and Construction Manual for the stabilization of the inactive areas of this site. He is coming up with a plan.

Partial Correction

10 Brice Lawson 03/28/2017 3:32 PM

Add ESC devices and establish proper vegetation on the east side of Hamblen Rd. where the ground was disturbed while performing the storm sewer construction.

Brice Lawson 03/31/2017 8:20 AM

Partial Correction - A section of silt fence was added above the rip rap on the east side of Hamblen Rd. to keep silt from entering the stream.

Install ESC devices and establish proper vegetation to control run off onto Hamblen Rd. on the north side of the proposed north entrance.

Make necessary adjustments to the grade in the swale to allow water to drain properly on the north side of the proposed south entrance.

Corrective Action Required

- 11 Brice Lawson 05/31/2017 4:06 PM
Repair the silt fence on the site.

Install the ESC devices at the structures as shown on the plans.

Remove silt that is built up in front of the silt fence at the structures.

Corrective Action Required

- 12 There are problems with the erosion control devices on your site.
Brice Lawson 06/20/2017 2:12 PM
Remove the silt that is built up on the silt fence on this site.

Add the ESC devices at of the locations shown on the plans.

Repair the silt fence along the east side of the site. This silt fence was put in instead of the berm.

Remove silt that is built up in front of the rock checks.

Remove the silt that has built up in the temporary sediment trap located near the northwest corner of the site.

Surface roughen the site as shown on sheet 00C112 on the plans.

Brice Lawson 06/21/2017 2:16 PM

The following is the reply that I recieved via email from Casey with Fogel Anderson when I sent the inspection summary for the items listed above.

Brice,

Our current construction schedule will not allow us to clear grade and roughen the soil or Hydro-mulch (that you recommended) at this time. I think this method would be very counterproductive for the efficiency of all the native vegetation that has covered most of the site. We will be able to address inlet protection at the curb inlets and the grate inlets in the parking lot. We will try to have these completed by June 30th.

It is scheduled for the excavator to come in late next week and complete the final grade. They have been waiting for the site concrete to be finished. At that time if there is silt built up behind any of the erosion control devices it will be addressed.

The first attachment w/ pictures is of the east side of Hamblen road with a very efficient silt fence in place. Also we rip rapped both sides and the bottom of the drainage ditch. (Rip rap not shown on the plans) We are working with our landscaper for him to address the bare spots over there. I might add that there is a lot of wild native vegetation growth helping with the erosion control over there also. It also appears that the city came in and clear cut all the trees we saved and left them lying in the drainage ditch and on the banks.

The rest of the attachments/pictures were taken randomly all over the site showing the wild native vegetation growth helping with the erosion control.

I'm not aware of any silt leaving the site. If we have a situation that needs our attention it will be addressed immediately.

My understanding with the erosion control is to prevent anything from leaving the site.

After everything I have heard from other contractors on this site and from contractors on other projects I'm wondering if this is a personal attack on me. Brice, I sure hope not.

Regards,
Casey

I spoke with Casey about the ESC issues this morning and he stated that the site is not ready for surface roughening. He plans to fix the devices as stated in his email.

Corrective Action Required

13 Brice Lawson 07/14/2017 2:53 PM

Remove the silt that is collecting at the north entrance on the concrete curb and drive approach.

Remove the silt that is built up on the silt fence that is located in front of the field inlet near the north driveway approach.

Perform proper maintenance to the rock at the sediment trap in the northwest corner of the site.

Resolved

14 Brice Lawson 07/14/2017 3:05 PM

Remove the silt that is collecting at the north entrance on the concrete curb and drive approach. Add ESC devices to keep the silt from running over the curb. Brice Lawson 08/03/2017 3:58 PM Resolved The dirt has been removed and silt fence and straw waddles were installed at the north entrance.

Remove the silt that is built up on the silt fence that is located in front of the field inlet near the north driveway approach. Brice Lawson 08/03/2017 3:57 PM Some silt was removed from in front of the silt fence. Resolved

Perform proper maintenance to the rock at the sediment trap in the northwest corner of the site.

Brice Lawson 07/20/2017 2:45 PM

In addition to the issues above the silt fence needs to be repaired/replaced surrounding the grate inlet on the south side of the parking lot near the job trailer. Remove the debris from the grate. Brice Lawson 08/03/2017 4:00 PM Casey plans to leave this grate inlet blocked as shown on plans until later.

Brice Lawson 07/24/2017 3:37 PM

The debris has been removed from the north driveway approach.

The rock has been built back up around the temporary sediment trap located in the northwest corner of the site.

Straw waddles have been installed north of the curb at the north driveway approach to control erosion.

Casey Williams said this site got 3" of rain over the weekend. He said that the grate inlet located in the south swale was cleaned out on Friday. The grate is now covered up with silt and the silt fence is still down around it. He said the crew plans to repair this area and the field inlet located just south of the north entrance when it dries up enough to get equipment in these areas.

Corrective Action Required

15 There are problems with the erosion control devices on your site.

Brice Lawson 08/03/2017 4:00 PM

Repair the rock that has washed out at the temporary sediment trap in the northwest corner of the site.

PW-Storm - Pipe

Brice Lawson

Partial

Thursday,
August 03,
2017

Informational

1 Brice Lawson 03/08/2017 11:27 AM

She Digs It installed the dual 24" by 38" by 92' elliptical pipes located at the south entrance to this site. These pipes are class 4. The joints were put together with mastic. The plans called for mitered ends on the pipe but flared end sections were used instead of the mitered pipes. They filled the void between the two pipes with flowable fill up to the spring line. On the north end near the FES the flowable fill is approx. 6" thick for a length of approx. 8'. They plan to fill the remainder of this void up to the spring line in this 8' long area with compacted soil.

Corrective Action Required

2 Brice Lawson 08/03/2017 4:06 PM

The culvert located in the southwest corner of the site has been washed out. Some of the bedding rock has washed out also.

Properly install this HDPE culvert.

Comments:
