

SUB15-0054 CVS F1 Probationary Storm Punchlist
7/1/22

The following items were noted during the on-site inspection on 7/1/22. Once complete please contact Mick Walton with the Town of Parker for scheduling the reinspection.

1. FES 2-1: Provide restraining bolts for the flared end section. Once the restraining bolt nuts are installed and tightened, cut off any excess bolt beyond the nut.
2. Inlet 2-1: Bolt down inlet grates.
3. Inlet 1-1: Epoxy grout penetrations flush with inlet wall.
4. FES 2-2: Provide restraining bolts for the flared end section. Once the restraining bolt nuts are installed and tightened, cut off any excess bolt beyond the nut.
5. Inlet 2-2: Bolt down inlet grates. Epoxy grout penetrations flush with inlet wall.
6. Inlet 1-2: Cut underdrains flush with inlet wall. Epoxy grout all penetrations flush with inlet wall.
7. Conspan Penetration: The penetration was left rough with lumps of grout which are beginning to show some signs of cracking. Either cut the penetration flush with the Conspan wall and then epoxy grout the penetration smooth with the wall or alternatively build out a concrete box around the penetration bringing it flush with the first ledge.
8. STMH 1-3: Replace cover rings and covers with those provided by Old Castle for the water quality structure. Provide a square concrete deck around all three covers which is flush with the top of the cover rings.
9. FES 1-4: Chip out excess concrete in the flowline.
10. STMH 1-4: Add additional steps to the bottom of the structure at 12-inches on center. Structure will be reinspected once adequate steps for access are provided.
11. STMH 2-4: Add additional steps to the bottom of the structure at 12-inches on center. Structure will be reinspected once adequate steps for access are provided.
12. Inlet 1-4: Epoxy grout penetrations flush with inlet walls. Remove excess concrete from floor of structure.
13. Inlet 2-4: Epoxy grout penetrations flush with inlet walls.
14. FES 2-4: Reset riprap at the flared end section. Provide restraining bolts for the flared end section. Once the restraining bolt nuts are installed and tightened, cut off any excess bolt beyond the nut.
15. Inlet 1-6: Bolt down inlet grates.
16. STMH 8-12: Add additional steps to the bottom of the structure at 12-inches on center. Structure will be reinspected once adequate steps for access are provided.
17. STMH 8A-12: Provide ramnek between the cover ring and flat top lid. Epoxy grout over the joint between the cover ring and flat top lid. Provide a concrete collar for the cover ring.
18. FES 1-6: Tighten nuts on restraining bolts and cut bolts flush with the nut.
19. Inlet 8-5: Inlet was noted as missing on site. Please verify with the engineer whether this is acceptable per their design and provide written record of their approval if deemed acceptable.
20. Inlet 2-5: Cut underdrains flush with inlet wall. Epoxy grout all penetrations flush with inlet wall.
21. Inlet 1-5: Clean up excess concrete on inlet floor and in the flowline of the pipe penetration.
22. STMH 9-12: Add 1 bottom step.
23. STMH 5-12: Add 1 bottom step.
24. Spray rock noted to be spalling in sections of the pipe downstream of STMH-11-12. Evaluate each joint and replace the spray rock as needed.
25. Inlet 2-9: Bolt down inlet grates.
26. West WQ Pond: Epoxy grout penetration in forebay flush with forebay wall. Route and seal all cracks in the trickle channel. Bolt down all grates on the outlet structure. Reset orifice plate providing gasket between the plate and wall. Rework riprap at pond outfall such that only 1.5-feet of depth is provided in the tailwater basin. Tighten restraining bolts and cut off excess bolt down to the nut.

27. East WQ Pond: Epoxy grout penetration in forebay flush with forebay wall. Epoxy grout first joint upstream of the forebay. Epoxy grout over the low spot in the forebay notch to bring it flush with the trickle channel. Route and seal all cracks in the trickle channel. Bolt down all grates on the outlet structure. Reset orifice plate providing gasket between the plate and wall. Rework riprap at pond outfall such that only 1.5-feet of depth is provided in the tailwater basin. Tighten restraining bolts and cut off excess bolt down to the nut.
28. Detention Pond: Route and seal all cracks in the trickle channel. Bolt down all grates on the outlet structure. Reset orifice plate providing gasket between the plate and wall.

The following item was noted on site and must be addressed by final acceptance of the storm sewer system.

29. Provide metal bollards for the manholes from STMH 11A-12 to STMH 14-12.

The following items must be submitted and approved prior to probationary acceptance.

30. CCTV provided and currently under review. Please note that additional punchlist items may be generated during said review.
31. Provide pond certifications for all ponds on site.