



Preliminary Acceptance PA Punchlist
EPC - DPW - Stormwater Section

Project Name:	Paint Brush Hills F14
EDARP Filing Number(s):	SF2024, CON2158
ESQCP Number:	ESQ2110
Attendees:	DPW SW: Dylan Finley, Joshua Augustenborg, Ben Jones, DPW Planning: David Parkerson, Amanda Rivera Developer: Jeff Mark, Chris
Date of Walk-Thru:	03-07-2023
Walk-Thru Number:	1

Please have all items completed within six months of the date on this punchlist. If all items are not completed within six months, a new punchlist will be created. When all items are completed, please let your inspector know as soon as possible so they can come out to the project to confirm.

Findings to be addressed prior to scheduling a follow-up walk-thru:

Stormwater Inlet Structures :

- Inlets/manholes requiring maintenance are marked with green paint.
- Waterloo Drive cul-de-sac low tailwater riprap basin requires Type L ($D_{50}=9''$) riprap. See Construction Drawings Sheet ST09, Storm 8.
- Waterloo Drive cul-de-sac Inlet [Storm 8-Inlet 1] requires maintenance.
- 2x4 form needs to be removed from Storm 2 42" RCP [STA 2+90.15 to STA 5+65.69]. See Construction Drawings Sheet ST04. (between Country Manor and Kingsbury Drive)
- Inlets at Country Manor and Keynes Dr. require maintenance.
- Inlets at Kingsbury and Keynes Dr. require maintenance.

Pond C [Construction Drawings Sheets ST10, ST11, ST12]:

- Remove all weeds from the emergency spillway.
- Remove weeds from pond embankments and pond bottom.
- Lower pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.
- Rill erosion occurring on pond embankments. Regrade and stabilize.
- Install maintenance road per plan detail. (Calls for CDOT Class 2 road base)
- Install gasket or calking around orifice plate.
- Remove excess concrete from forebay notch that is restricting flow (see Photo 6)

Please have your engineer submit the following items (if they haven't already):

- Engineering Record Drawings (as-builts) consistent with Section 5.10.6 of the ECM.
- Volume Certification Letter for pond, see ECM Chap 5.10.6.B for details on what type of statement should be included in the letter.
- Re-submit UD-Detention spreadsheet per changes shown in as-builts. Can be included with Volume Certification Letter.
 - If there were significant changes to Pond C design, an updated SDI Form must be submitted.

Photos:



Photo 1: Lower pond bottom to top of trickle channel curb with a 3% slope towards trickle channel to promote positive drainage.



Photo 2: Install Class 2 road base for maintenance road per plan detail.



Photo 3: Remove sediment near forebay and grade pond bottom to slope 3% towards the forebay to promote positive drainage.



Photo 4: Gasket/Calking missing from orifice plate



Photo 5: Waterloo cul-de-sac requires 9" riprap. Regrade and install per plan detail



Photo 6: Remove excess concrete from forebay weir notch which is restricting flow.

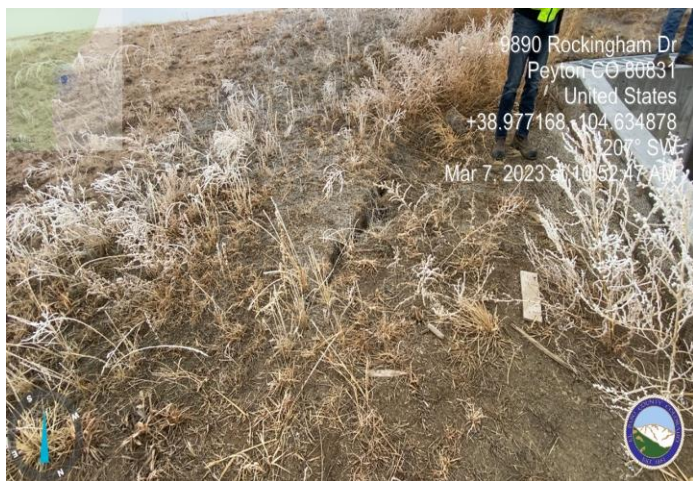


Photo 7: Rill erosion occurring on pond embankments near outlet structure. Regrade and stabilize.