



Final Acceptance Punchlist
El Paso County – Department of Public Works - Stormwater Section

Project Name:	Hannah Ridge F7
EDARP Filing Number(s):	CON1932, SF1840
ESQCP Number:	ESQ1926
Attendees:	DPW SW: Dylan Finley DPW Development Services: Brad Walters, Spencer Pirzadeh Developer: Adam Doyle
Date of Walk-Thru:	10/12/2023
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.

Please complete and return as much of the attached table as possible for the owner and maintenance entity of the PBMP(s).

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

Defect Warranty Items for FA

- None.

Maintenance Items for ESQCP Closure

Pond [CD's pages 12-14]

- Remove all weeds from the entire pond including the pond bottom, pond embankments, and emergency spillway.
- Clean out sediment and debris from forebays, trickle channels, and outlet structure. Micropool is full of sediment.
- Mow all overgrown vegetation and seed and mulch all bare areas within the pond embankments and pond bottom.
- Raise pond bottom to top of trickle channel curb where erosion is occurring and where pond bottom is not flush with the top of the trickle channel.

As-Builts

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.
 - Even if everything was built exactly per plan, we need an electronic PDF of the original drawings to be signed, dated, and stamped with "As-Built" on each sheet.
 - Differences from design to as-built conditions to be shown in red text with red clouds/bubbles.
 - Site specific items to address:
 - Be sure to check invert of downstream end of outlet pipe. It is lower than the low flow channel in the downstream channel. Because of this, the riprap apron at the outlet of pipe will hold water

and not drain properly to the low flow channel. It is unclear from this filing's set of plans alone if this was the desired elevation of the invert.

- Detail at the top of Sheet 13 of 14 shows the outlet pipe as 30". This should be revise to 24" in the as-builts.
- Volume Certification Letter(s) for pond(s), see ECM Chap 5.10.6.B for details on what type of statement should be included in the letter.
 - Letter to be stamped by Engineer.
 - State in the letter that the site and adjacent properties (as affected by work performed under the County permit) are stable with respect to settlement and subsidence, sloughing of cut and fill slopes, revegetation or other ground cover, and that the improvements (public improvements, site grading) meet or exceed the minimum design requirements.
- Re-submit UD-Detention spreadsheet per changes from the original design to the as-built condition. Can be included with Cert Letter.
 - If significant changes, would need to also submit an updated SDI Form.
 - Site specific items to address:
 - The orifice plate was installed such that there is a vertical orifice at the top of it that is not accounted for in the UD-Detention spreadsheet. Update calcs or field condition.
 - The orifice hole spacing shown on Sheet 13 of 14 does not match spacing shown in UD-Detention spreadsheet (14.4" O.C.) on PDF page 90 of 96 of FDR. Address discrepancy in as-builts (drawings and/or updated UD-Detention)
 - The micro screen shown on Sheet 13 of 14 Does not match type shown in UD-BMP spreadsheet on PDF page 82 of 96 of FDR. Address discrepancy in as-builts (drawings and/or updated UD-BMP)

Photos:

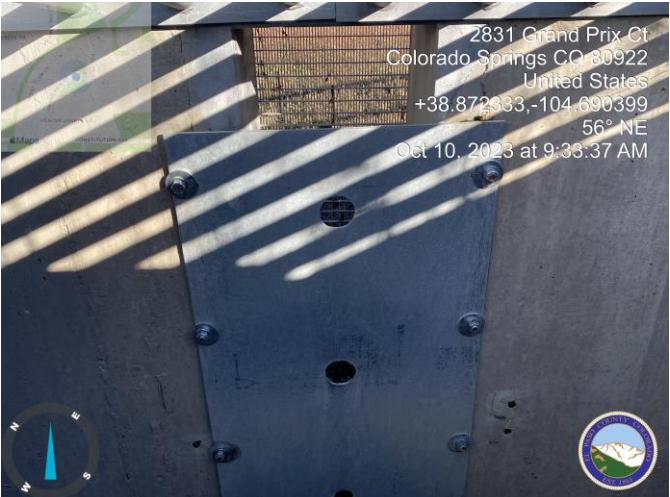
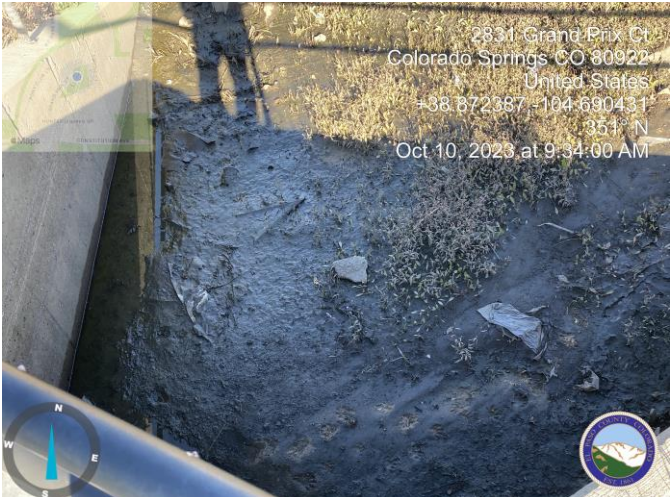
	
<p>Photo 1: The orifice plate was installed such that there is a vertical orifice at the top of it that is not accounted for in the UD-Detention spreadsheet. Update calculations or field condition.</p>	<p>Photo 2: Micropool is over capacity. No longer functioning as designed. Remove sediment and debris to allow adequate drainage flow.</p>



Photo 3: Trickle channel requires maintenance.



Photo 4: Mow pond bottom, pond embankments, and spillway.



Photo 5: Mow pond bottom, pond embankments, and spillway.



Photo 6: Address erosion near trickle channel.



Photo 7: Address erosion near Eastern forebay and mow pond bottom

Photo 8: [Caption]

Subdivision/Business: Hannah Ridge F7

For sites with PBMP(s), please complete and return as much of this table as possible for the PBMP(s):

<u>Contact Info</u>	<u>Owner</u>	<u>Responsible Maintenance Entity</u>
Company/Business Name:		
Entity Type: (HOA, Metro District, Trust, Individual, Contractor, Business, etc)		
Mailing Address:		
Primary Contact Name(s):		
Primary Phone Number:		
Primary Email Address:		
Additional Email Addresses to Add to Distribution List:		
Additional Information / Comments:		