



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

Project Name:	Redtail Ranch
EDARP Filing Number(s):	SF1821
ESQCP Number:	ESQ1932
Attendees:	DPW SW: Molly Layshock, Mikayla Hartford, Glenn Reese DPW Dev Services: Developer:
Date of Walk-Thru:	05/18/2023
Walk-Thru Number:	1 <sup>st</sup> FA walk

Internal Note: SW FA walk-thru completed by DPW Stormwater personnel Molly Layshock, Mikayla Hartford, and Glenn Reese on 5/18/2023.

*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:**

**General Site Findings:**

- Sitewide: Clean out sediment from all ditches along Sanctuary Pine Drive
- Sitewide: Fix erosion in ditches along Sanctuary Pine Drive (See photo 2 for example)
- Remove temporary rock sock inlet protection control measure from along Vollmer Road
- Fix erosion at the southern ditch at the intersection of Vollmer Road and Sanctuary Pine Drive.
- Breach existing pond between EDB 2 and culvert under Vollmer Road, per note on last page of drainage report.
- Remove erosion-causing sediment control log from lot 8 driveway off of Sanctuary Pine Drive
- Reestablish ditches along Ward Lane and stabilize. (See photo 4)
- Remove sediment from riprap in ditches along Ward Lane and implement as per approved plans. (See photo 4)
- Install TRM along Ward Lane Ditch per plans. The segment of the ditch along Ward Lane that is experiencing erosion is the segment that was specified to have TRM. Recommend TRM for that section. If not installing, update as-builts to include this change.

**Extended Detention Basin 2 (Sheet 10 of 10):**

- Add white 1.5" PVC pipe to as-builts (See comments on as-builts)
- Missing rock check dam off of Sanctuary Pine Drive. Need to install per plan detail EC-12 on sheet 2 or show change on as-builts (See comments on as-builts)
- Remove debris from pond forebay
- Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage
- Address shoulder riling along forebay

- Update as-builts to change soil riprap called out on sheet 10 of the plans to be riprap reflecting the change observed in the field. (See comments on as-builts).
- Clean out sediment from the outfall pipe flared end section, it is holding water
- Wrong well screen is installed in the field. Install proper well screen, diamond well screen is not permitted.
- Downstream of the outlet: remove rock socks from in front of the culvert under Vollmer Road. Regrade so that no ponding occurs. All temporary control measures must be removed prior to FA. (See photo 3)

**Extended Detention Basin 1 (Sheet 9 of 10):**

- Major comment: During the FA Walk, Basin 2 was fully drained but Basin 1 had about 18"-24" of standing water. The outlet structure was not clogged but the system was not fully draining (See photo 5). The pond bottom, trickle channel, and forebays could not be fully inspected because they were covered. The pond's drainage issues must be resolved before FA and pond bottom stabilization must be achieved.
- 19"x60" outlet box orifice plate (sheet 9A of 10) measures 60"x60" in the field. Reflect this change on the as-builts
- Adjust grading at check dams upstream of easterly rundown for positive drainage
- Update as-builts to change soil riprap called out on sheet 10 of the plans to be riprap reflecting the change observed in the field. (See comments on as-builts)
- Remove temporary control measures along 24" wide concrete trickle channel
- Wrong well screen is installed in the field. Install proper well screen, diamond well screen is not permitted

Please have your engineer submit the following items:

- Updated Engineering Record Drawings (as-builts) consistent with Section 5.10.6 of the ECM.
- Updated 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.
- If necessary, re-submit UD-Detention spreadsheet per changes shown in as-builts. Can be included with Cert Letter.
  - If significant changes, would need to also submit an updated SDI Form.

**Photos:**



Photo 1: Sediment entering extended detention basin 1 at rock check dams at 12804 Ward Lane.



Photo 2: Fill erosion occurring along road shoulder of Sanctuary Pine Drive.



Photo 3: Remove rock socks from culvert under Vollmer Road; regrade so that no ponding occurs. All temporary control measures must be removed prior to FA.



Photo 4: Regrade and stabilize ditches along Ward Lane. Remove sediment from riprap and implement as per approved plans.



Photo 5: Pond 1 orifice holes are draining, but Pond 1 is not.

Photo 6: [Caption]

Photo 7: [Caption]

Photo 8: [Caption]

**Subdivision/Business:**

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

<b><u>Contact Info</u></b>	<b><u>Owner</u></b>	<b><u>Responsible Maintenance Entity</u></b>
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:		