



Final Acceptance (FA) Punchlist
EPC - DPW - Stormwater Section

Project Name:	Lorson Ranch East F1
EDARP Filing Number(s):	SF188, CON1958
ESQCP Number:	ESQ182
Attendees:	DPW SW: Natasha Grimaldo, Ben Jones Stormwater Engineers: Mikayla Hartford and Glenn Reese walked the site on 2/28/2023. Developer: John Chavez
Date of Walk-Thru:	2/14/2023
Walk-Thru Number:	1 st

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.

Using the attached table, provide post-construction maintenance and owner contact info for the pond(s).

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

Pond C5:

- Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.
- Remove sediment to match the top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.
- Raise grade to be flush with the Overflow Cutoff Wall.
- Install missing restrictor plate per sheet C10.3.
- Repair cracks in forebays and trickle channels.
- Remove sediment and debris from outlet pipe.
- Remove rock sock from forebay notch in forebay B.
- Implement 9" D50 rip rap per specification on forebay A and B. Reference sheet C9.2 of CDs.
- Repair flared end section on inlet pipe to forebay B.
- Regrade behind forebay B perimeter.
- On the east side of the pond, riprap rundown at SDS outfall pipe needs to be grouted per sheet C4.4.
- On the east side of the pond, SDS outfall with flap gate is buried. Remove riprap and regrade to allow the existing SDS headwall and flap gate to operate correctly.
- South perimeter of Pond C5: Failure to achieve uniform vegetative cover with an individual plant density of at least 70 percent.
- Failure to achieve uniform vegetative cover with an individual plant density of at least 70 percent in pond bottom.
- Remove silt fence that was cut to the ground just east of pond C5.

Pond D2

- Raise grade to be flush with the Overflow Cutoff Wall.
- Remove temporary controls measures along the east perimeter.
- Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.
- Remove sediment to match the top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.
- Reestablish maintenance access road.
- Verify forebay D has riprap and soil riprap per plans, appears missing.
- Repair cracking in trickle channel.
- Remove debris and sedimentation in the outfall micropool.
- Missing well screen, orifice plate, and gasket. Provide per the plans.
- Clean out outfall pipe sediment and maintain riprap apron (to close ESQCP, not for FA).

Inlets

- DP-29: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-33: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-34: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-30: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-41: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-40: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-39: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-38: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-56: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).
- DP-60: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).

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(s) for pond(s), 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 Cert Letter.
 - If significant changes, would need to also submit an updated SDI Form.

Photos:



Photo 1: Pond C5: Raise pond bottom to top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.



Photo 2: Pond C5: Remove sediment to match the top of trickle channel curb with a 3% slope towards trickle channel for positive drainage.



Photo 3: Pond C5: Raise grade to be flush with the Overflow Cutoff Wall.



Photo 4: Pond C5: Remove sediment and debris from outlet pipe.



Photo 5: Pond C5: Remove rock sock from forebay notch.



Photo 6: Pond C5: Implement 9" D50 rip rap per specification on forebay B. Reference page C9.2 Lorson Ranch F1 Street, Storm Sewer, and Pond Construction Plans.



Photo 7: Pond C5: Repair flared end section on inlet pipe to forebay B.



Photo 8: South perimeter of Pond C5: Failure to achieve uniform vegetative cover with an individual plant density of at least 70 percent.



Photo 9: Pond C5: Failure to achieve uniform vegetative cover with an individual plant density of at least 70 percent in pond bottom.



Photo 10: Pond C5: Remove silt fence that was cut to the ground just east of pond C5.



Photo 11: Pond D2: Raise grade to be flush with the Overflow Cutoff Wall.



Photo 12: Remove temporary controls measures along the east perimeter.



Photo 13: Remove temporary control measure (straw wattle) from all Tract areas.



Photo 14: Remove temporary control measure (straw wattle) from all Tract areas.



Photo 15: Inlet DP-29: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 16: Inlet DP-33: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 17: Inlet DP-34: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 18: Inlet DP-30: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).

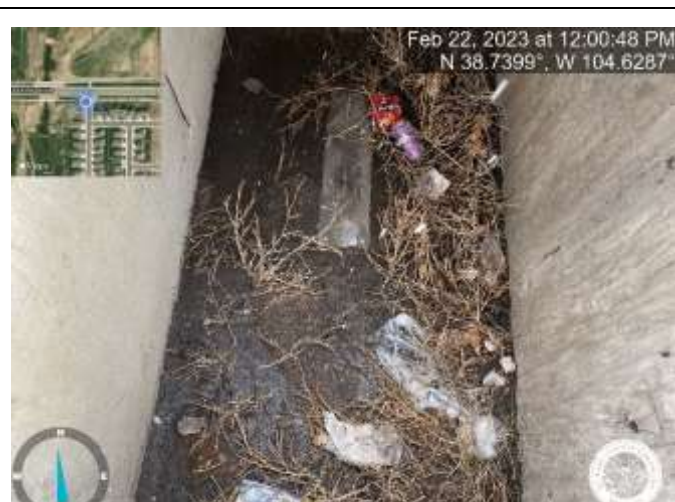


Photo 19: Inlet DP-41: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 20: Inlet DP-40: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 21: Inlet DP-39: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 22: Inlet DP-38: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 23: Inlet DP-56: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).



Photo 24: Inlet DP-60: Remove sediment and debris from inlet (inlet is marked with a green dot on the lid).

Subdivision/Business:

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:		