



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

Project Name:	Solace of Colorado Springs
EDARP Filing Number(s):	CON2165, SF2032
ESQCP Number:	ESQ2142
Attendees:	<b>DPW Stormwater:</b> Natasha Grimaldo <b>DPW Development Services:</b> Brad Walters and David Parkerson <b>Developer:</b> Kelsey York and Manmit Jadav
Date of Walk-Thru:	01/31/2024
Walk-Thru Number:	1 <sup>st</sup>

*When all items below 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:

**Items for ESQCP closure after Defect Warranty Period**

- Ensure ponds and surrounding areas achieve adequate coverage prior to Final Acceptance.

**Items for Preliminary Acceptance**

**Full Spectrum Detention Pond A:**

- Fine grade rill erosion behind the outlet structure and stabilize. Reference Photo 13 and 14.
- Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal. Confirm installation of gasket between the orifice plate and concrete structure. Reference Photo 15.
- Clean out sediment and debris from outlet structure and trickle channel.
- Failure to install properly sized trash racks. Reference Trash Screen Detail on Sheet 19 of the Construction Drawings. Reference Photo 16.
- Fine grade Pond bottom to match the approved grade. Reference Photo 17.
- Grade Pond bottom to be flush with the top of the trickle channel curb with a 3% slope towards trickle channel for positive drainage. Reference Photo 18.
- Fine grade rill erosion around Forebays A1 and A2 and stabilize/vegetate.
- Raise grade to be flush with the Emergency Overflow Spillway. Reference Photo 21.
- Confirm installation of Pond Maintenance Access Road in accordance with plans. Reference Sheet 18 of the Construction Drawings.

**Full Spectrum Detention Pond B:**

- Fine grade Pond bottom to match the approved grade. Reference Photo 1.
- Grade Pond bottom to be flush with the top of the trickle channel curb with a 3% slope towards trickle channel for positive drainage. Reference Photo 2.
- Fine grade rill erosion around Forebays B1 and B2 and stabilize/vegetate. Reference Photos 3 and 8.
- Remove exposed rebar from Forebay B1 and B2. Reference Photo 4 and 10.
- Remove exposed wire from Forebay B2. Reference Photo 5.

- Maintenance access should be flush with the grade at a 2% slope. Maintenance access road should be 15' in width. Reference Sheet 22 of the Construction Drawings. Reference Photo 6.
- Extend trickle channel to be flush with Forebay B1. Reference Photo 7.
- Confirm installation of 8" class 6 aggregate base course or 12" class 6 aggregate base course. Reference Sheet 22 of the Construction Drawings. Reference Photo 9.
- Failure to install properly sized trash racks. Reference Trash Screen Detail on Sheet 23 of the Construction Drawings. Reference Photo 11.
- Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal. Confirm installation of gasket between the orifice plate and concrete structure. Reference Photo 12.
- Clean out sediment and debris from outlet structure and trickle channel.
- Raise grade to be flush with the Emergency Overflow Spillway. Reference Photo 20.

**Site Wide:**

- Submit a spec sheet and PO/receipt for the seed mix purchased and used.

**Stormwater Inlet Structures:**

- STA 12+65.01: Install manhole lid. Reference Photo 24.
- STA 12+12.45: Install manhole lid. Reference Photo 25.
- Inlets that need to be cleaned of sediment and debris are marked with green paint on manhole lid
- Area drain inlets that need to be cleaned of sediment and debris are marked with green paint on the grate Reference Photos 22, 23, and 26.

Per ECM Chapter 5.10.6 As-Builts shall be submitted at the initiation of the Preliminary Acceptance process. Approved As-Builts are not required to enter the 2-yr defect warranty period. As-Builts must be approved by the ECM Administrator prior to Final Acceptance.

**Photos:**



Photo 1: Pond B: Fine grade Pond bottom to match the approved grade.



Photo 2: Pond B: Grade Pond bottom to be flush with the top of the trickle channel curb with a 3% slope towards trickle channel for positive drainage.



Photo 3: Pond B: Fine grade rill erosion around forebay B2 and stabilize.



Photo 4: Pond B: Remove exposed rebar from forebay B2.



Photo 5: Pond B: Remove exposed wire from forebay B2.



Photo 6: Pond B: Maintenance access should be flush with the grade at a 2% slope. Maintenance access road should be 15' in width. Reference Sheet 22 of the Construction Drawings.



Photo 7: Pond B: Extend trickle channel to be flush with forebay B1.



Photo 8: Pond B: Fine grade rill erosion around forebay B1 and stabilize.



Photo 9: Pond B: Confirm installation of 8" class 6 aggregate base course or 12" class 6 aggregate base course. Reference Sheet 22 of the Construction Drawings.



Photo 10: Remove exposed rebar from forebay B1.



Photo 11: Pond B: Failure to install properly sized trash racks. Reference Sheet 23 of the Construction Drawings.



Photo 12: Pond B: Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal.



Photo 13: Pond A: Fine grade rill erosion behind the outlet structure and stabilize.



Photo 14: Pond A: Fine grade rill erosion behind the outlet structure and stabilize.



Photo 15: Pond A: Micropool is not holding water to the invert of the bottom hole on the orifice plate. This indicated that the orifice plate does not have a watertight seal.



Photo 16: Pond A: Failure to install properly sized trash racks. Reference Sheet 19 of the Construction Drawings.



Photo17: Pond A: Fine grade Pond bottom to match the approved grade.



Photo 18: Pond A: Grade Pond bottom to be flush with the top of the trickle channel curb with a 3% slope towards trickle channel for positive drainage.



Photo 19: Pond A: Fine grade rill erosion around forebay and stabilize.



Photo 20: Pond B: Raise grade to be flush with the Emergency Overflow Spillway.



Photo 21: Pond A: Raise grade to be flush with the Emergency Overflow Spillway.



Photo 22: Inlets that need to be cleaned of sediment and debris are marked with green paint on manhole lid (photo is an example of marked inlet).



Photo 23: Example of inlet that needs to be cleaned.



Photo 24: Inlet at STA 12+65.01: Install manhole lid.





Photo 25: Inlet at STA 12+12.45: Install manhole lid.



Photo 26: Area drain inlets that need to be cleaned of sediment and debris are marked with green paint on the grate (photo is an example of marked inlet).