

FIELD INSPECTION

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Tuesday, September 24, 2019	Project Contact:	Brian Clauto, Cory Chalmers
Spread I: Franklin County	STA 13892+55 – 13940+00 MVP-FR-305	Weather (Wet/Dry/Rain):	Dry

STAGE OF CONSTRUCTION: (Check all that apply)

- Clearing Rough Grading Trench Excavation Pipe Assembly, Testing & Installation
 Backfilling and Grade Restoration Final Grading & Stabilization Other:

- | | | Yes | No | N/A |
|---|---|-------------------------------------|-------------------------------------|--------------------------|
| 1 | Are controls installed and implemented in accordance with the approved erosion and sediment control plan and stormwater management plans? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Are all control measures properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3 | Areas of offsite sediment deposition were observed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Background: Meeting with Dale Angle and Daniel Angle onsite to discuss concerns with MVP project on his property (approx. STA 13892+55 through 13915+75). Upon arrival Mr. Angle requested that we leave the ROW to look at his concerns off ROW.

Concerns:

1. Stormwater discharge from MVP controls along ROW causing driveway erosion at approx. STA 13894+12 (Figures 1, 2 and 3).
2. Stormwater discharge from MVP controls may have caused a "sinkhole" depression off ROW adjacent to the Blackwater River (Figure 4)

Observations:

1. At the time of inspection, ECDs within the MVP LOD were installed per the approved plans and appeared to be functioning as designed.
2. Perimeter controls at STA 13894+12 were upgraded from 12" CFS (ESCP Sheet 14.55) to include an additional row of P1 after the CFS (Figure 1).
3. There was no evidence of sediment off ROW during the investigation.
4. Active grading is ongoing in this area to return the ROW condition to existing contours and re-spread topsoil.
5. Following meeting with Angle, three routine maintenance items were noted during the inspection for repair (Figures 5, 6 and 7):
 - STA 13899+92 to 13890+50: P1 maintenance needed.
 - STA 13904+50 to 13905+00: SSF maintenance needed.
 - STA 13906+55: SSF maintenance needed.
6. Causation of the "sinkhole" off ROW adjacent to the Blackwater River (Figure 4) was unable to be determined during the investigation. There was no evidence of sedimentation or scour in this area.

Recommended Corrective Action: Install and maintain all controls per the approved plans and PSS&S.

Deadline: Within 24-hr notification

The recommended corrective action deadline date applies to all conditions noted on this report unless otherwise noted. If listed condition(s) currently constitute non-compliance and/or corrective actions are not completed by the deadline, other enforcement actions may be issued to the entity responsible for ensuring compliance on the above project.

Inspector Signature: *Marshall Willis*

Date: 09/24/2019

FIELD INSPECTION PHOTO LOG

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Fig. 1: **STA 13894+12** – Controls in place. Controls have been upgraded to include row of P1 after 12" CFS.



Fig. 2: **OFF ROW** – Angle driveway looking NE towards discharge point at STA 13894+12.



Fig. 3: **OFF ROW** – Angle driveway down gradient from stormwater discharge at STA 13894+12.



Fig. 4: **OFF ROW** – “Sinkhole” depression adjacent to Blackwater River off MVP ROW.



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Fig. 5: **STA 13899+92 to 13890+50** – P1 maintenance needed.



Fig. 6: **STA 13904+50 to 13905+00** – SSF maintenance needed.



Fig. 7: **STA 13906+55** – SSF maintenance need.

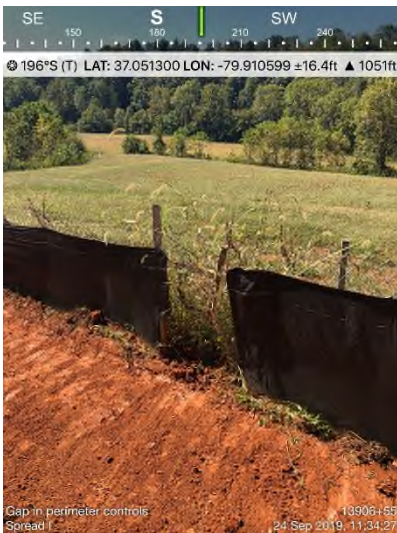


Fig. 8: **STA 13908+00** – Final grading in progress. Spreading topsoil and re-establishing grade to existing contours.

