

COMPLAINT INSPECTION REPORT

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Monday, January 13, 2020	Project Contact:	Brian Clauto, Cory Chalmers
Spread G: Montgomery County	STA 11972+00 – 11989+00 ATWS 1157A & ATWS 1157 MVP-MN-266	Weather (Wet/Dry/Rain):	Wet

STAGE OF CONSTRUCTION: (Check all that apply)

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

- | | | 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Areas of offsite sediment deposition were observed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Background: This investigation was conducted in response to an email received on January 12, 2020 for the Catawba Road area. The complaint describes “contamination of Bottom Spring” from “construction runoff into an improperly installed gravel filter bed that does not filter the sediment out of water that is sinking into the pipeline trench”. The complaint also describes a connection to the location of the installed gravel filter bed within the MVP ROW as a drainage feature to Bottom Creek via karst features.

- Observations:**
1. Underground gravel filter bed is located approximately at STA 11975+60. See Figure 3.
 2. At the time of inspection, there was no evidence of sediment discharge from the MVP ROW.
 3. ECDs within the MVP LOD were installed per the approved plans and appeared to be functioning as designed.
 4. ROW in this area is currently stabilized with vegetative cover and no significant erosion was evident within the LOD.
 5. Continued land disturbing activities not associated with the project were noted off-ROW during the inspection near STA 11976+00 and along MVP-MN-266. LDA is located west of MVP ROW and upslope of potential sinkhole. See Figures 5-8.
 6. Ponded turbid water was observed in a karst feature off ROW along MVP-MN-266, north of MVP ROW. Muddy landowner access road was observed above feature. See Figures 9 and 10.
 7. Dry Run Road significantly impacted by erosion and high flow conditions of Dry Run. VDOT actively regrading and adding stone to road at the time of inspection. See Figure 11.

Comments: ROW inspected in Montgomery County from STA 11972+00 though STA 11989+00.

Recommended Corrective Action: N/A

Deadline: N/A

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: 01/13/2020

FIELD INSPECTION PHOTO LOG

Project Name: Mountain Valley Pipeline

Date: Monday, January 13, 2020

Fig. 1: **STA 11979+00** – Controls in place. Area stabilized with vegetative cover. No erosion evident.

☉ 111°E (T) ● 37°16'10"N, 80°19'22"W ±16.4ft ▲ 1713ft



Fig. 2: **MVP-MN-266** – Controls in place along access road. Area stabilized with vegetative cover. No erosion evident.

☉ 131°SE (T) ● 37°16'10"N, 80°19'22"W ±16.4ft ▲ 1712ft



Fig. 3: **STA 11977+00** – Looking north towards underground gravel filter bed. Controls in place. Area stabilized with vegetative cover. No erosion evident.

☉ 13°N (T) ● 37°16'11"N, 80°19'23"W ±16.4ft ▲ 1714ft



Fig. 4: **STA 11978+00** – Controls in place above karst feature on the east of ROW. Area stabilized with vegetative cover. No erosion evident.

☉ 35°NE (T) ● 37°16'10"N, 80°19'22"W ±16.4ft ▲ 1689ft



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Fig. 5: STA 11978+00 – Land disturbance not associated with MVP project. Adjacent to approx. STA 11976+00 to STA 11978+00.

☉ 273°W (T) ● 37°16'11"N, 80°19'23"W ±16.4ft ▲ 1714ft



Fig. 6: STA 11977+00 – Land disturbance not associated with MVP project. Adjacent to approx. STA 11976+00 to STA 11978+00.

☉ 193°S (T) ● 37°16'12"N, 80°19'24"W ±16.4ft ▲ 1708ft



Fig. 7: STA 11976+00 – Land disturbance not associated with MVP project. Adjacent to approx. STA 11976+00 to STA 11978+00.

☉ 148°SE (T) ● 37°16'12"N, 80°19'24"W ±16.4ft ▲ 1714ft



Fig. 8: MVP-MN-266 – Land disturbance not associated with MVP project. Adjacent to approx. STA 11976+00 to STA 11978+00.

☉ 61°NE (T) ● 37°16'10"N, 80°19'23"W ±16.4ft ▲ 1708ft



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Fig. 9: **MVP-MN-266** – Turbid water pooled in sinkhole off east side of ROW, north of MN-266.



Fig. 10: **MVP-MN-266** – Muddy landowner access road above turbid sinkhole (Figure 9).



Fig. 11: **Dry Run Road** – VDOT repairing Dry Run Road from Catawba Rd. to Mt. Tabor Rd. Rain event caused significant erosion to road along Dry Run depositing sediment and road aggregate into stream.



Fig. 12: **Catawba Road Crossing** – Controls in place and functioning at Catawba Road.

