

COMPLAINT INSPECTION REPORT

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Wednesday, July 31, 2019	Project Contact:	Brian Clauto
Spread H: Montgomery County	STA 12180+00 – 12200+00 ATWS 703, ATWS 704A, ATWS 1446 & ATWS 1375 MVP-MN-275/274	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:

- | | | 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Background: This investigation was conducted in response to a complaint (IR#: 291656) received on July 30, 2019 for the Bradshaw Creek area. The complaint describes sediment runoff below MVP ROW on Bradshaw Road and into Bradshaw Creek. The complainant also described the condition of Bradshaw Creek as “clear upstream but has high turbidity near pipeline ROW.”

Observations:

1. At the time of inspection, there was no evidence of sediment discharge from MVP ROW onto Bradshaw Road or into Bradshaw Creek. See Figures 2, 3, 4 & 5.
2. ECDs within the MVP LOD and along the resources were installed per the approved plans and appeared to be functioning as designed.
3. Sediment off ROW was found at STA 12188+00 (see Figure 20), however there were no impacts to Bradshaw Creek as a result.
4. There was no evidence of high turbidity upstream or downstream of the MVP crossing of Bradshaw Creek (S-C21). See Figures 1, 5, 7, 8 and 12.
5. Minor sedimentation was observed deposited in the riprap channel of Stream S-OO11 starting at STA 12197+73. Source of the sediment is likely a combination of turbid water discharged through MVP ECDs during high intensity rainfall events and previous runoff from the Roanoke Valley Resource Authority (RVRA) property (See Figures 13, 14, 15, 16 & 17).

Comments: ROW inspected in Montgomery County from STA 12180+00 though STA 12200+00. The following resources were documented during the onsite complaint investigation: S-C21 (Bradshaw Creek) and S-OO11 (UNT to Bradshaw Creek).

STA 12188+00: Sediment off ROW.

Recommended Corrective Action: Retrieve/stabilize sediment loss at STA 12188+00.

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: 07/31/2019

FIELD INSPECTION PHOTO LOG

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Fig. 1: Upstream Bradshaw Creek – 0.2 miles north of MVP ROW on Bradshaw Road.



Fig. 2: STA 12190+75 – Bradshaw Road crossing. No evidence of sediment discharge from ROW.



Fig. 3: STA 12190+75 – Bradshaw Road crossing. No evidence of sediment discharge from ROW. Controls functioning and area stabilized.



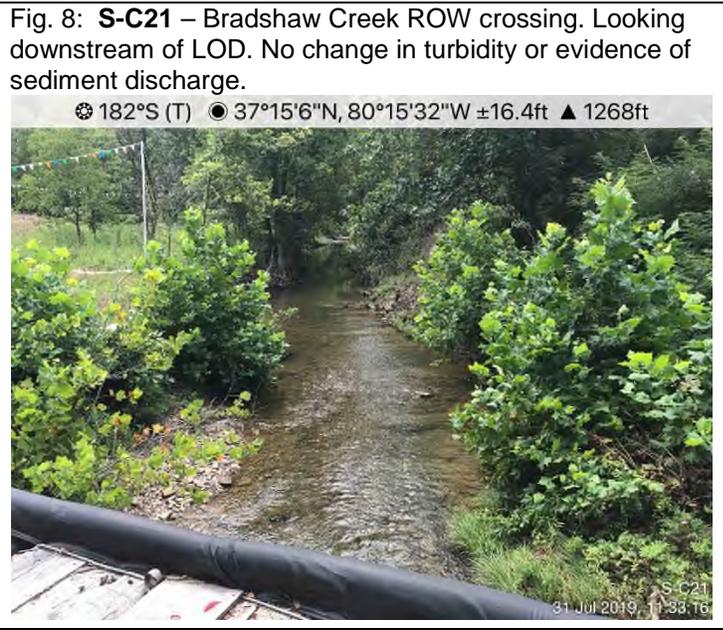
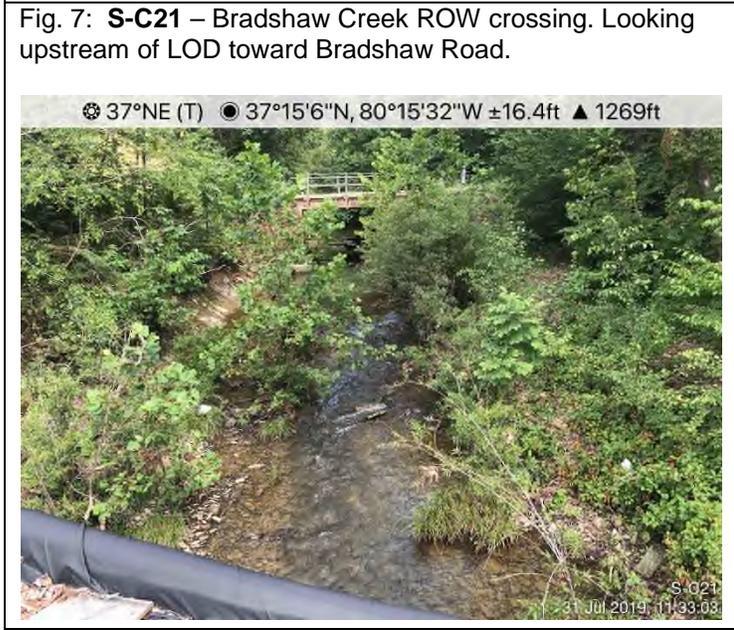
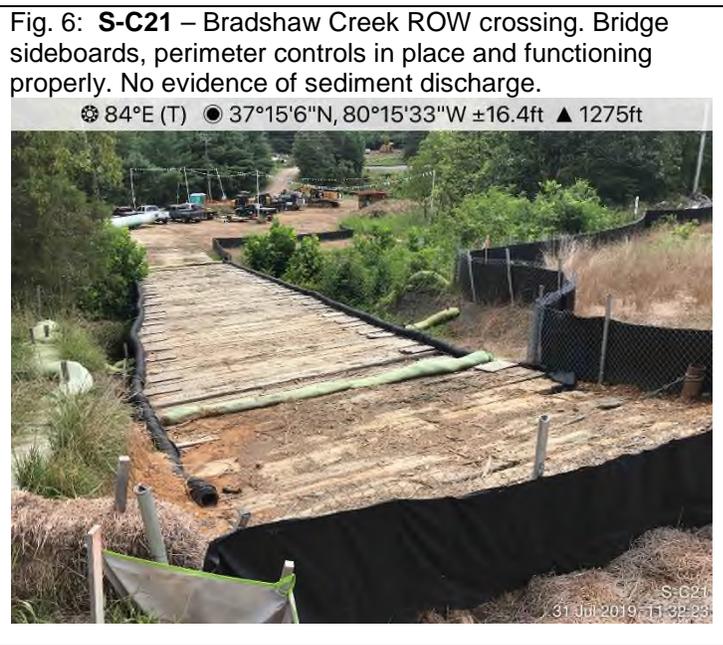
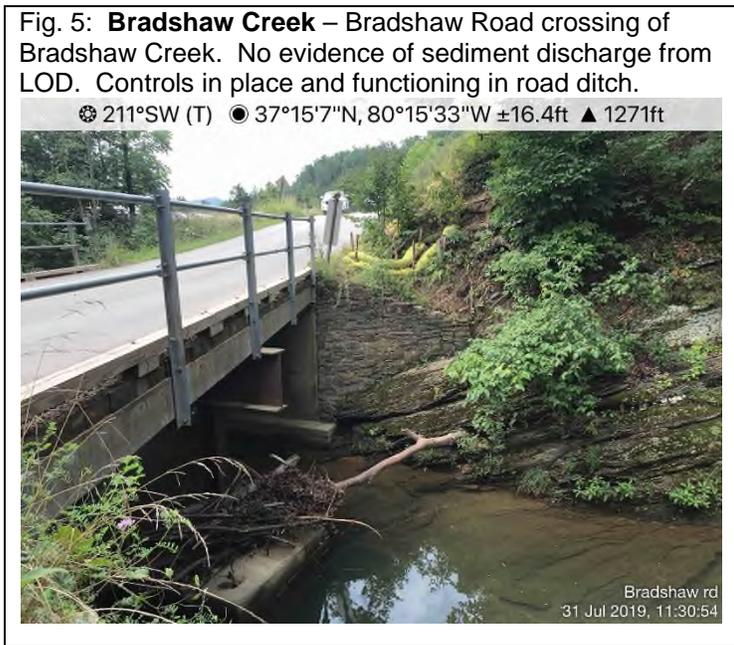
Fig. 4: STA 12190+95 – Bradshaw Road crossing. No evidence of sediment discharge from ROW. Slope stabilized.



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Fig. 9: **STA 12195+50** – Stream S-OO11 on the west side of Roanoke Valley Resource Authority (RVRA) tracks. No ground disturbance.



Fig. 10: **Stream S-OO11** – Sediment deposition in riprap channel of S-OO11 on west side of RVRA tracks at approx. STA 12196+24.



Fig. 11: **Stream S-OO11** – Outfall of S-OO11 on west side of RVRA tracks at approx. STA 12497+00



Fig. 12: **Bradshaw Creek** – Downstream of the confluence of S-OO11 and Bradshaw Creek. No increased turbidity from S-OO11.



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Fig. 13: **MVP-MN-275** – RVRA west track swale leading to S-OO11 north side of access road MVP-MN-275.



Fig. 14: **MVP-MN-275** – Minor sediment accumulation in RVRA west track swale leading to S-OO11 south side of access road MVP-MN-275.



Fig. 15: **MVP-MN-275** – RVRA east track swale leading to S-OO11 south side of access road MVP-MN-275. Sediment accumulation evident in culvert and swale.



Fig. 16: **MVP-MN-275** – Sediment accumulation in RVRA east track swale leading to S-OO11 south side of access road MVP-MN-275.



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Fig. 17: **S-0011** – RVRA east track swale confluence with S-0011 south side of access road MVP-MN-275 at STA 12197+73. MVP controls in place and functioning. Minor sediment passing through ECDs into riprap of S-0011.

Fig. 18: **ATWS 1375** – Workspace stabilized with clean stone. Controls in place and functioning properly.



Fig. 19: **ATWS 1375** – Controls in place above S-0011 in ATWS 1375. Stone is clean and perimeter controls in place and functioning.

Fig. 20: **STA 12188+00** – Sediment off ROW.

