

FIELD INSPECTION

Project Name:	Mountain Valley Pipeline	Inspector:	Marshall Willis
Inspection Date:	Thursday, August 1, 2019	Project Contact:	Brian Clauto, Cory Chalmers
Spread H: Montgomery County	STA 12482+67- 12544+06 MVP-MLV-AR-28	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? | ☐ | ☒ | ☐ |
| 2 Are all control measures properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? | ☐ | ☒ | ☐ |
| 3 Areas of offsite sediment deposition were observed? | ☒ | ☐ | ☐ |

Comments: Inspected the following resources: S-EF19 (impacted).

- Various ECDs observed out of compliance from STA 12482+67 to STA 12544+06, including sediment discharge into stream S-EF19.
- Trenching, drilling and blasting efforts ongoing in the area despite deficient or missing E&S controls.
- General observations included:
 - o Clean Water Diversion installed incorrectly.
 - o Clean Water Diversion installation needed.
 - o Waterbars installed in excess of 5% slope.
 - o Waterbars not compacted.
 - o Waterbars not meeting dimensional requirements per PSS&S.
 - o Waterbars not having clear flow path.
 - o End Treatments not keyed into waterbars.
 - o End Treatment outlets higher than waterbars.
 - o Missing temp. waterbars.
 - o Missing perimeter controls.
 - o Un-stabilized diversion berms.
 - o Waterbars discharging down fill slopes.
 - o Undermined SSF.

Recommended Corrective Action: Recommend stop work from STA 12482+67 to 12544+06. Maintain and install all controls per the approved PSS&S prior to additional forward progress.

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: 08/01/2019

FIELD INSPECTION PHOTO LOG

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Fig. 1: **STA 12503+00** – CWD inlet not protected from onsite discharge. Diversion not stabilized. Not installed per approved PSS&S.



Fig. 2: **STA 12503+00** – CWD outlet/plunge pool not protected from onsite discharge. Sediment accumulation in outfall. ECDs overtopped. Not installed per approved PSS&S.



Fig. 3: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S MVP17 & ES42.



Fig. 4: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S MVP17 & ES42.



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Fig. 5: **STA 12482+00** – No waterbars installed on lower half of slope above previously impacted stream S-EF19.



Fig. 6: **STA 12528+00** – SSF undermined.



Fig. 7: **Stream S-EF19** – UNT to Indian Run impacted with sediment discharge from ROW at STA 12519+41.



Fig. 8: **Stream S-EF19** – UNT to Indian Run impacted with sediment discharge from ROW at STA 12519+41.



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Fig. 9: **STA 12520+00** – Incomplete installation of perimeter controls.



Fig. 10: **STA 12520+00** – Perimeter clean water diversions not stabilized.



Fig. 11: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S MVP17 & ES42.



Fig. 12: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S MVP17 & ES42.



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Fig. 13: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S MVP17 & ES42.

☉ 126°SE (T) ☉ 37°12'44"N, 80°11'47"W ±16.4ft ▲ 1670ft



Fig. 14: **Various Locations** – Waterbars and End Treatments not in-compliance with the approved specifications. See MVP PSS&S: MVP-17 & ES42.

☉ 268°W (T) ☉ 37°12'44"N, 80°11'47"W ±16.4ft ▲ 1658ft



Fig. 15: **Approx. STA 12533+00 to 12537+00** – Discharge directed down unprotected fill slopes. See MVP PSS&S: ES59, ES60 & ES61.

☉ 56°NE (T) ☉ 37°12'44"N, 80°11'47"W ±98.4ft ▲ 1667ft



Fig. 16: **STA 12532+70** – CWD needed to divert clean water around ROW.

☉ 273°W (T) ☉ 37°12'44"N, 80°11'47"W ±16.4ft ▲ 1658ft

