COMPREHENSIVE PIPELINE INSPECTION REPORT

Project Name:	**Mountain Valley Pipeline**	**Inspector:**	**Matt Grant**
Inspection Date:	**Tuesday, August 21, 2018**	**Project Contact:**	**Brian Clauto**
Spread: inspected areas include appx MP254 St# 13425, St#13428, MP 255 St#13473, MP 261 13811	**Spread I**	**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: _____

	SWPPP AMENDMENTS, MODIFICATIONS AND UPDATES	***Yes***	***No***	***N/A***	Reviewed during re-inspection? ☒Yes ☐No ***Location / Description***
1	Is the SWPPP being amended whenever there is a change in the design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 5, 6).	☒	☐	☐	
2	Has the SWPPP been amended if inspections or investigations by the operator's qualified personnel or by state or federal officials find that existing control measures are ineffective in minimizing pollutants in discharges? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 5, 6).	☒	☐	☐	
3	Have there been updates to the SWPPP when any modifications to its implementation have occurred, including a record of dates when major grading activities occur, construction activities temporarily or permanently cease on a portion of the site or stabilization measures are initiated? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 5).	☒	☐	☐	
4	Is there documentation in the SWPPP of replaced or modified controls? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 5).	☒	☐	☐	
5	Has the SWPPP been updated to indicate areas that have reached final stabilization? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 5).	☐	☐	☒	
	INSPECTIONS AND CORRECTIVE ACTIONS	***Yes***	***No***	***N/A***	Reviewed during re-inspection? ☒Yes ☐No ***Location / Description***
6	Have inspections required by the SWPPP been conducted at the required frequency, including a modified frequency for impaired water(s), approved TMDL(s), and exceptional waters when applicable? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 4, 5, 6).	☒	☐	☐	
7	Are inspection reports completed and appropriately signed? (Va. Code §62.1- 44.15:31) (MVP Standards & Specifications for VA, pp. 5, 6).	☒	☐	☐	
8	Are corrective actions taken consistent with the requirements of the approved Annual Standards and Specifications? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 3, 5).	☒	☐	☐	
	ESC AND SWM PLAN IMPLEMENTATION	***Yes***	***No***	***N/A***	Reviewed during re-inspection? ☒Yes ☐No ***Location / Description***
9	Is the specified sequencing of the project being implemented in accordance with the approved erosion and sediment control plan and stormwater management plans? (Va. Code §62. 1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.B and C).	☒	☐	☐	

10	Is topsoil segregation being carried out in accordance with the SWPPP? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 10, 11).	☒	☐	☐	
11	Have all denuded areas requiring temporary or permanent stabilization been stabilized within 7 days, and have stabilization requirements for impaired waters, approved TMDL(s), pollutants of concern and exceptional waters, when applicable, been met? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.B) (9VAC 25-840-40.1).	☒	☐	☐	
12	Are soil stockpiles adequately stabilized with seeding and/or protected with sediment trapping measures? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.2).	☒	☐	☐	
13	Has a permanent vegetative cover has been established that is uniform, mature enough to survive and will inhibit erosion? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 1, 15, 16) (9VAC 25-840-40.3).	☐	☐	☒	
14	Have sediment trapping facilities been constructed as the first step in land disturbance activities? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.4).	☒	☐	☐	
15	Have earthen structures been stabilized immediately after installation? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.5).	☒	☐	☐	
16	Are sediment traps and basins installed in accordance with MS-6 and the approved plan? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.6).	☐	☐	☒	
17	Are finished cut and fill slopes adequately stabilized to prevent or correct excessive erosion? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.7).	☐	☐	☒	
18	Is concentrated runoff flowing down cut or fill slopes contained in an adequate permanent or temporary structure? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.8).	☒	☐	☐	
19	Is adequate drainage or other protection provided for water seeps? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.9).	☐	☐	☒	
20	Do all operational storm sewer inlets have adequate inlet protection? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.10).	☒	☐	☐	
21	Are stormwater conveyance channels adequately stabilized with channel lining and/or outlet protection? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.11).	☒	☐	☐	
22	Is in-stream construction conducted using measures to minimize channel damage? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.12).	☐	☐	☒	
23	Are temporary stream crossings of non-erodible material installed where applicable? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.13).	☒	☐	☐	
24	Is necessary restabilization of in-stream construction complete? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.15).	☒	☐	☐	
25	Are utility trench operations conducted and stabilized in accordance with MS-16? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.16).	☒	☐	☐	
26	Are soil and mud kept off paved or public roads to minimize the transport of sediment? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.17).	☒	☐	☐	
27	Have all temporary control structures that are no longer needed been removed and disturbed soil resulting from their removal permanently stabilized? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.18).	☐	☐	☒	

28	Are properties and waterways downstream from development adequately protected from erosion, sediment and damage in accordance with the standards and criteria specified by 9VAC25-840.19(a-n)? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-40.19).	☒	☐	☐	
29	Are all E&S control measures and systems being inspected, maintained and repaired as necessary to ensure functionality? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-60.A).	☒	☐	☐	
30	Are permanent control measures included in the SWPPP in place? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-54.C).	☐	☒	☐	Permanent controls not installed per the approved plan at designated stream IJ-4.
	POLLUTION PREVENTION PLAN IMPLEMENTATION	***Yes***	***No***	***N/A***	Reviewed during re-inspection? ☒Yes ☐No ***Location / Description***
31	Are chemicals, fertilizers, pesticides and other potential pollutants being properly stored (e.g., under cover or within secondary containment) and handled? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
32	Are construction products, materials, and wastes being properly stored, handled, and disposed of? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
33	Is trash and debris being controlled and properly disposed of? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
34	Are measures in place to prevent discharge of spills or leaks from fueling, operation or storage of vehicles, motors and other mechanical equipment? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
35	Have spills, leaks, or stains (e.g., from hydraulic hoses, vehicle/equipment maintenance and fueling operations, etc.) been cleaned up in accordance with the pollution prevention plan? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
36	Are chemicals, soaps, solvents, and wash water from construction materials or vehicle washing (e.g., form release oils and curing compounds from hand tools) prevented from leaving the site or properly treated prior to discharge? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☒	☐	☐	
37	Is concrete wash-out water being directed into a properly installed and maintained leak-proof container or leak-proof settling basin? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC25-870-54.D).	☐	☐	☒	
38	Are all unauthorized non-stormwater discharges prevented from leaving the site, including untreated hydrostatic testing water? Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, pp. 1, 13) (9VAC25-870-54.D).	☒	☐	☐	

PIPELINE INSPECTION REPORT

REQUEST FOR CORRECTIVE ACTION

Project Name: __**Mountain Valley Pipeline** Date: Tuesday, August 21, 2018

Location or Checklist #	Regulatory Citation/Legal requirement[1]		Observation/Recommended Corrective Action
30	Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 1) (9VAC 25-840-54.C).		**Observation:** Designated stream IJ-4 did not have the permanent water bars installed per the approved plan. **Recommended Corrective Action**: Install all controls per the approved plan.

Comments: Maintenance issues note by MVP included: permanent water bar outlet issue at St# 13428+00, St# 13473+00 sediment off of ROW & maintenance issues.

Recommended Corrective Action Deadline: _____within 24hr notification_____

Targeted Re-Inspection Date: _**TBD**_____

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:_____ _____ Date: _____9-4-18_____

[1] Refers to applicable regulation found in the most recent publication of the State Water Control Law (Va. Code § 62.1-44.2 et seq.), Virginia Erosion and Sediment Control Regulations (9VAC25-840), the Virginia Stormwater Management Program (VSMP) Regulations (9VAC25-870), or the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880).

PIPELINE INSPECTION PHOTO LOG

Project Name: **Mountain Valley Pipeline** **Date:Tuesday, August 21, 2018**

Fig. 1
Designated stream IJ-4, water bars not installed per the plan

Fig. 2
Permanent water bar outlet issue at St# 13428+00

Fig. 3
St# 13473+00 sediment off of ROW & maintenance issues

Fig. 4
Observed area below St# 13473+00, has sediment off ROW