

COMPLAINT INVESTIGATION REPORT

Project Name:	Mountain Valley Pipeline	Inspector:	John McCutcheon
Inspection Date & Time:	5-21-2018 2:00 p.m.	Project Contact:	Tracy Hilbun
Location:	Spread 11, Cahas Mt. Rd, MP 255.5	Weather (Wet/Dry/Rain):	Dry, 80°

STAGE OF CONSTRUCTION: (Check all that apply)

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

SWPPP AMENDMENTS, MODIFICATIONS AND UPDATES		Yes	No	N/A	Reviewed during re-inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>Location / Description</i>
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).					
2	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>Location / Description</i>
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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>Location / Description</i>
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).	✓				Stone barrier with pass-thru storm pipe added at bottom of slope on south side of road.
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).		✓		Area between cleared ROW and south side of road is denuded. Provide temporary or permanent stabilization.
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).	✓			Culvert passing under road west of crossing protected with filter socks in roadside ditch.
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).	✓			Timber mat bridge over Little Creek.
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).	✓			Stone CE and sweeper truck operating.
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).	✓			Controls overwhelmed by heavy rains have been repaired and/or upgraded. Cleanup of road and ditch is continuing.
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).			✓	
POLLUTION PREVENTION PLAN IMPLEMENTATION		Yes	No	N/A	Reviewed during re-inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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).				
367	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 measures in place to prevent the discharge of sanitary wastes? (Va. Code §62.1-44.15:31) (MVP Standards & Specifications for VA, p. 7).				
39	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).				

Inspector Signature: *John R. McArthur*

Date: May 29, 2018

PIPELINE INSPECTION REPORT REQUEST FOR CORRECTIVE ACTION

Project Name: MVP, MP 255.5

Date: May 21, 2018

Location or Checklist #	Regulatory Citation/Legal requirement ¹	Occurrence	Observation/Recommended Corrective Action
11	9VAC 25-840-40.1	1	Observation: Area between cleared ROW and south side of road is denuded. Recommended Corrective Action: Provide temporary or permanent stabilization

Comments: This location received very heavy rain on 5-17 & 18, 2018 and controls were overwhelmed, resulting in sediment going onto Cahas Mountain Road and the road being closed. At the time of this inspection, the road was cleared and open to traffic. A sweeper truck was operating and excavation of a bore pit and grading of the right-of-way resumed. Heavy sediment remained in the roadside ditch, being left to dry out to a less liquid state so that it could be lifted and transported without spilling. MVP was prepared to remove the sediment immediately in the event of an oncoming rainstorm and was monitoring the approaching weather. If the ditch will not be cleaned with a jet-vac and excavation denudes the existing vegetative channel lining, the ditch will be stabilized immediately with EC fabric while seeding germinates and provides vegetative stabilization. Upslope perimeter controls were renewed and in place and additional measures beyond those shown on the plan were being installed.

Recommended Corrective Action Deadline: May 22, 2018

Targeted Re-Inspection Date: Completed by MVP May 21, 2018

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: June 14, 2018

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), or the Virginia Stormwater Management Program (VSMP) Regulations (9VAC25-870).

COMPLAINT INVESTIGATION PHOTO LOG

Project Name:

Permit Number:

Date:

Fig. 1
Slope needing stabilization and sediment drying in roadside ditch



Fig. 2

Fig. 3

Fig. 4

John R. McArthur

Inspector Signature: _____ Date: June 14, 2018