



VWP FIELD INSPECTION CHECKLIST

Short Form

Project Name	Mountain Valley Pipeline Spread G, Giles County	VWP Permit #	N/A	Inspection Date	8/29/2018
Inspector Name	Nathan Hughes; Matt Grant	Phone # & Email Address	(804) 698-4026; Nathan.Hughes@deq.virginia.gov (804) 418-9874; Matthew.Grant@deq.virginia.gov		
Address or lat/long (if no permit no.)	Stream Crossing NN-12	Others Present During Inspection	N/A		
Project Phase	Land Clearing; Grading	Reason for Inspection	Construction		
PERMIT / REGULATORY REQUIREMENT		Yes/ No/ NA	Location, Description and Other Notes		
Unauthorized impacts to surface waters, including wetlands, or upland preservation areas have occurred . <i>(This includes sedimentation impacts due to inadequate or failed erosion controls.)</i>		Yes	Approximately 600 linear feet of stream channel has been impacted by sedimentation		
Non-impacted wetlands, streams and preservation areas within 50 feet of construction are clearly marked to prevent unpermitted impacts.		Yes			
Temporary impacts are being restored to original contours, stabilized, and allowed to re-establish with wetland vegetation within 30 days of completing purposeful work in the area.		N/A			
Construction activities are not substantially disrupting aquatic life movement.		No	Sedimentation observed within stream channels' viable habitat		
E&S controls are present, properly maintained, and functioning.		Yes	At the time of inspection, E&S measures had been repaired and were functioning properly		
In-stream work is being performed in the dry with the appropriate use of cofferdams, sheetpiling, etc., to minimize stream bottom disturbance and turbidity.		N/A			
Pipes and/or culverts for road crossings are countersunk to provide for the re-establishment of low flow fish passage and/or a natural stream bottom.		N/A			
Time-of-year restrictions are being adhered to.		N/A			
Water quality monitoring is being conducted during permanent stream relocations.		N/A			
Streams and wetlands are free from any sheen or discoloration that may indicate a spill of oil, lubricants, concrete or other pollutants. **		Yes			

Heavy equipment is placed on mats or geotextile fabric when working in authorized temporary wetland impact areas.	N/A	
Exposed slopes/stream banks are stabilized immediately upon completion of work in each impact area.	N/A	

Inspection Summary

Compensation Completed	Reporting	On-Site Monthly Inspections Completed
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preconstruction Notice Received: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Construction Status Updates Received: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Notes

General Notes:

On August 29, 2018, DEQ staff conducting field inspections documented sedimentation within Stream NN-12 located on property adjacent to the Mountain Valley Pipeline (MVP) Right-of-Way (ROW).

Construction Activities at time of Inspection:

MVP ROW clearing completed; ROW grading in progress.

Stream NN-12

Approximately 600 linear feet of stream channel contained sediment ranging from <0.5-inch to a maximum depth of 3-inches was observed. Sediment within the stream's thalweg was generally <1-inch in depth; sediment bars and pool deposition was generally 1-3 inches in depth. Cleanup activity ESC repair were underway at time of field inspection.

Recommended Corrective Actions

1. Repair erosion and sediment controls in areas where needed;
2. Stabilize all slopes above and below perimeter controls;
3. Remove sediment from impacted stream channel using hand removal methods (buckets and shovels) and stabilize with appropriate seed mix where applicable.

Site Inspection

Site Name: Mountain Valley Pipeline_Spread G; Stream NN-12

Date: 8/29/2018



Photo 1: Seed/straw area within forested stream buffer downslope of ESC failure

Orientation: N/A



Photo 2: Sedimentation and seed/straw in small pool downslope of ESC failure

Orientation: Downstream

Site Inspection

Site Name: Mountain Valley Pipeline_Spread G; Stream NN-12

Date: 8/29/2018



Photo 3: Sediment in stream approximately 300' downstream of ROW; Depth = 1-3"
Orientation: Downstream



Photo 4: Sediment along bank of stream approximately 500' downstream of ROW; Depth = 2"
Orientation: Upstream