



VWP FIELD INSPECTION CHECKLIST

Short Form

Project Name	Mountain Valley Pipeline Spread H, Montgomery County	VWP Permit #	N/A	Inspection Date	6/26/2018
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.)	Bacchus Road; 37°15'30.5"N, 80°17'46.8"W Stream Crossing SMM-15	Others Present During Inspection	N/A		
Project Phase	Land Clearing; Grading	Reason for Inspection	Complaint		
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 3,600 linear feet of stream channel have been impacted by sedimentation		
Non-impacted wetlands, streams and preservation areas within 50 feet of construction are clearly marked to prevent unpermitted impacts.		N/A	Impacted streams are located greater than 50 feet from project's LOD		
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 June 27,18, DEQ staff conducted an inspection to document sedimentation within an unnamed tributary of Flatwoods Branch located on property adjacent to the Mountain Valley Pipeline (MVP) Right-of-Way (ROW). The impacted stream channel is situated north of Bacchus Road in Montgomery County, Virginia.

Construction Activities at time of Inspection:

MVP ROW clearing completed; ROW grading in progress.

Inspection Results:

On June 27, 2018, DEQ staff observed and documented sedimentation within an unnamed tributary to Flatwoods Branch, identified as Stream Crossing SMM-15, located north of Bacchus Road.

Stream 39 and 40

Approximately 3,600 linear feet of stream channel contained sediment ranging from 1-inch to a maximum depth of 7-inches was observed. Sediment within the stream's thalweg was generally <1-3 inches in depth; sediment bars and pool deposition was generally 1.5-7 inches in depth.

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 channels using hand removal methods (buckets and shovels) and stabilize with appropriate seed mix where applicable.

Site Inspection

Site Name: Mountain Valley Pipeline_Spread H south of Catawba Road

Date: 6/26/2018



Photo 1: Sedimentation within "SMM-15" ~160' downstream of LOD; Depth = 3"
Orientation: Downstream



Photo 2: Sediment in stream ~685' from LOD; Depth = 3"
Orientation: Upstream

Site Inspection

Site Name: Mountain Valley Pipeline_Spread H south of Catawba Road

Date: 6/26/2018



Photo 3: Sediment in stream at debris dam ~1,690' downstream of LOD; Depth = 2-7"
Orientation: Upstream



Photo 4: Sediment in stream ~3,485' from LOD near access road; Depth = 2"
Orientation: Downstream