



## VWP FIELD INSPECTION CHECKLIST

### Short Form

<b>Project Name</b>	Mountain Valley Pipeline Spread H, Franklin County	<b>VWP Permit #</b>	N/A	<b>Inspection Date</b>	5/31/2018
<b>Inspector Name</b>	Nathan Hughes; Jesse Roberts	<b>Phone # &amp; Email Address</b>	(804) 698-4026; <a href="mailto:Nathan.Hughes@deq.virginia.gov">Nathan.Hughes@deq.virginia.gov</a> (540) 562-6785; <a href="mailto:Jesse.Roberts@deq.virginia.gov">Jesse.Roberts@deq.virginia.gov</a>		
<b>Address or lat/long (if no permit no.)</b>	Cahas Mountain Road; near Mile Post 255.5	<b>Others Present During Inspection</b>	N/A		
<b>Project Phase</b>	Land Clearing; Grading	<b>Reason for Inspection</b>	Complaint		
<b>PERMIT / REGULATORY REQUIREMENT</b>		<b>Yes/ No/ NA</b>	<b>Location, Description and Other Notes</b>		
Unauthorized impacts to surface waters, including wetlands, or upland preservation areas <b>have occurred</b> .* <i>(This includes sedimentation impacts due to inadequate or failed erosion controls.)</i>		Yes	Approximately 2,800 linear feet (comprising 2 separate streams) have been impacted by sedimentation: ~1,110 linear feet of stream located south of project's Limits of Disturbance (LOD); ~1,690 linear feet of stream impacts located north of project's LOD		
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 <b>not</b> 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 May 31, 2018, DEQ staff conducted an inspection to document sedimentation within two separate stream channels located on property adjacent to the Mountain Valley Pipeline (MVP) Right-of-Way (ROW). The property is situated west of Cahas Mountain Road (Route 742) in Franklin County, Virginia. Stream 1 is located approximately 260 feet south of Mountain Valley Pipeline (MVP) "Limits of Disturbance" (LOD); Stream 2 is located approximately 420 feet north of Mountain Valley Pipeline LOD.

**Construction Activities at time of Inspection:**

MVP ROW clearing completed; ROW grading in progress.

**Inspection Results:**

On May 31, 2018, DEQ staff observed and documented sedimentation in two separate stream channels located west of Cahas Mountain Road.

**Stream 1** (located approximately 260-feet south of MVP LOD);

Approximately 1,110 linear feet of stream channel contained sediment ranging from 1-inch to a maximum depth of 11-inches was observed. Sediment within the stream's thalweg was generally 1-3 inches in depth; sediment bars and pool deposition was generally 3-7 inches in depth.

**Stream 2** (located approximately 420-feet north of MVP LOD);

Approximately 1,690 linear feet of stream channel contained sediment ranging from 1-inch to a maximum depth of 10-inches was observed. Sediment within the stream's thalweg was generally 1.5 to 5-inches in depth; sediment bars and pool deposition was generally 3 to 6 inches in depth.

**Recommended Corrective Actions**

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# Site Inspection

Site Name: Mountain Valley Pipeline\_Cahas Mountain Road

Date: 5/31/2018



Close-up of number on survey stake



Sediment located on north side of SF



Sediment within channel at debris dam ~420-feet from MVP LOD  
Depth 3 to 8-inches (average), Maximum depth of 11-inches; Sediment deposit 12-feet wide

# Site Inspection

Site Name: Mountain Valley Pipeline\_Cahas Mountain Road

Date: 5/31/2018



Sediment in channel near treeline ~1,000-feet from MVP LOD  
Channel 3-feet wide; Sediment depth 6.5-inches



Sediment within channel ~685-feet from MVP LOD  
Channel 3 to 5-feet wide; Sediment depth 3-inches in thalweg, 3 to 6-inches on sediment bars