


MVP Variance Request Form				Variance Request	
		No.:		A-9	
		Date Approval Requested by Contractor:		5/11/2018	
		Date Submitted by Chief Inspector to LEI:			
		Date Received by FERC:			
FERC Approval Reference No.:					
Requested By: <i>Brett Ladd</i>		Spread: <i>A</i>		Variance Type: <i>AR</i>	
Request Prepared By *: <i>Megan Neylon</i>		Variance Sequence Number:		009	
* The FERC compliance monitor should be alerted and given a copy of the draft variance for review prior to submittal					
Location (Use either Station or Milepost)					
Station: <i>425+00</i>		To: <i>425+00</i>		Milepost: <i>7.60</i>	
To: <i>7.60</i>					
Alignment Sheet Number: <i>5</i>		Tract No.: <i>WV-WE-5970, WV-WE-5971, WV-WE-5972, WV-MA-001, WV-MA-002, WV-MA-003, WV-MA-004, WV-HA-001</i>			
Current Land Use/ Vegetative Cover: <i>Developed Access Road</i>		Other Agency Jurisdiction: <i>N/A</i>			
Nearby Features (Water body, T&E Habitat, Wetland, Noxious Weed Area, Residence (distance), Cultural Resource Site (distance) etc.):					
<input type="checkbox"/> Noxious Weed Area <input type="checkbox"/> Raptor Nest <input type="checkbox"/> Residence (Distance) <input type="checkbox"/> T/E Species Habitat <input type="checkbox"/> Cultural Resource Site <input type="checkbox"/> Water Well <input type="checkbox"/> Other (Specify):					
In or w/in 50 feet of a wetland: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
In or w/in 50 feet of a waterbody: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Wetland or Waterbody ID:		<i>S-KM8, S-KM9</i>			
		<i>W-KM2, W-KM3</i>			
Additional Stream footage impacted: <i>0.00</i>		Additional Wetland impacts: <i>0</i>			
Net acreage affected: <i>+ 10.05</i>					
Tree Clearing Required: <i>No</i>		Acreage of tree clearing:		<i>0.00</i>	
Variance Level: <input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input checked="" type="checkbox"/> Level 3					
Variance From: <input checked="" type="checkbox"/> Permit <input type="checkbox"/> Plan <input type="checkbox"/> Procedures <input type="checkbox"/> EPPM <input type="checkbox"/> Specification <input type="checkbox"/> Drawing <input type="checkbox"/> Mitigation Measure					
<input type="checkbox"/> Line List		<input type="checkbox"/> Other: Describe:			
Detailed Description of Variance: Attachments? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Photos? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
<p>This variance adds temporary access road MVP-WE-015.01 which is necessary for project access. Originally, access for this portion of the pipeline was going to be from the west using the public road but due to an tunnel preventing access for equipment access is now required from the east. This variance increases the LOD by 10.05 acres with no tree clearing being present. Murray Coal has already improved the road for their operations prior to MVP being there. They will maintain the road and require no changes at this time. The structures along the road are owned by Murray Coal and will not be impacted by MVP's work. The access road does not tie into the right-of-way because once it exits parcel WV-WE-5970 it enters the public ROW for Sams Run. Construction will simply enter the pipeline ROW at MP 7.9 off the public road. No cultural resources or rare, threatened or endangered species were identified within the variance LOD. Streams S-KM8 & S-KM9 were identified within the LOD. Both streams cross the access road in existing culverts, these crossings will not be modified and will incur no impacts. Wetland W-KM2 has been delineated but is outside of LOD and will incur no impacts. Wetland W-KM3 has been delineated inside the LOD but will be spanned with a timber mat bridge lined with filter fabric as directed in the erosion and sediment typical details and will therefore not incur any impacts.</p>					
List Attachments: Attachment 1 - Alignment Sheet; Attachment 2 - Rare, Threatened, and Endangered Species Report; Attachment 3 - Stream and Wetland Delineation Report; Attachment 4 - Cultural Resource Reports and Concurrences (CUI//PRIV -- DO NOT RELEASE); Attachment 5 - Landowner Exhibits (CUI//PRIV -- DO NOT RELEASE); Attachment 6 - Variance Request Map					

Variance Justification:			
Necessary for access. Resources have been avoided to the extent practicable. Per approved Project plans, BMPs will be installed to minimize potential impacts to Environmentally Sensitive Areas within/abutting the area.			
For MVP Use Only			
Additional Surveys Required		Surveyed Corridor Description	Additional Surveys Completed
Cultural Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The locations for this variance request were evaluated for cultural resources, waterbodies and wetlands, threatened and endangered species, and habitat. See the attached cover page list of reports.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T & E Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Waterbodies/Wetlands	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proof of Previous Biological and Cultural Survey Clearance			
See attachments 2 and 3 that describe rare, threatened, and endangered species surveys and stream and wetland delineations. USFWS Biological Opinion was issued on 10/31/2017. Additional surveys conducted 1/18/2018 and 1/24/2018. The cultural resources survey was reported in: Mountain Valley Pipeline Project, Cultural Resources Survey, Combined County Report 1, Wetzell, Harrison, Braxton, Nicholas and Greenbrier Counties, West Virginia (Espino et al. February 2018); Mountain Valley Pipeline Project, Cultural Resources Survey, Combined County Report 2, Harrison, Lewis, and Nicholas Counties, West Virginia (Espino et al. April 2018). Filed with FERC on 2/20/2018 and 5/3/2018. Clearance from WVDCH on 3/7/2018 and 5/9/2018. The Concurrence Letter is provided in Attachment 4.			
Landowner:		REDACTED	
Land Agent Contact		JANNA ARNOLD	
Landowner Approval Obtained		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sign Off:	Name	Signature	Date
Construction Manager	<i>Brent Ladd</i>	<i>Brent Ladd</i>	6/12/2018
Lead Environmental Inspector	<i>Travis Huskins</i>	<i>Travis Huskins</i>	6/12/2018
Third Party Compliance Manager or monitor			
ROW Land Agent *	<i>Janna Arnold</i>	<i>Janna Arnold</i>	6/12/2018
Environmental Supervisor	<i>Megan Neylon</i>	<i>Megan Neylon</i>	6/12/2018
*signature denotes confirmed landowner approval			

For FERC Compliance Monitor and Compliance Manager Use Only

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A-9

VARIANCE CONDITIONS	
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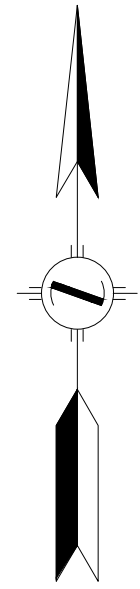
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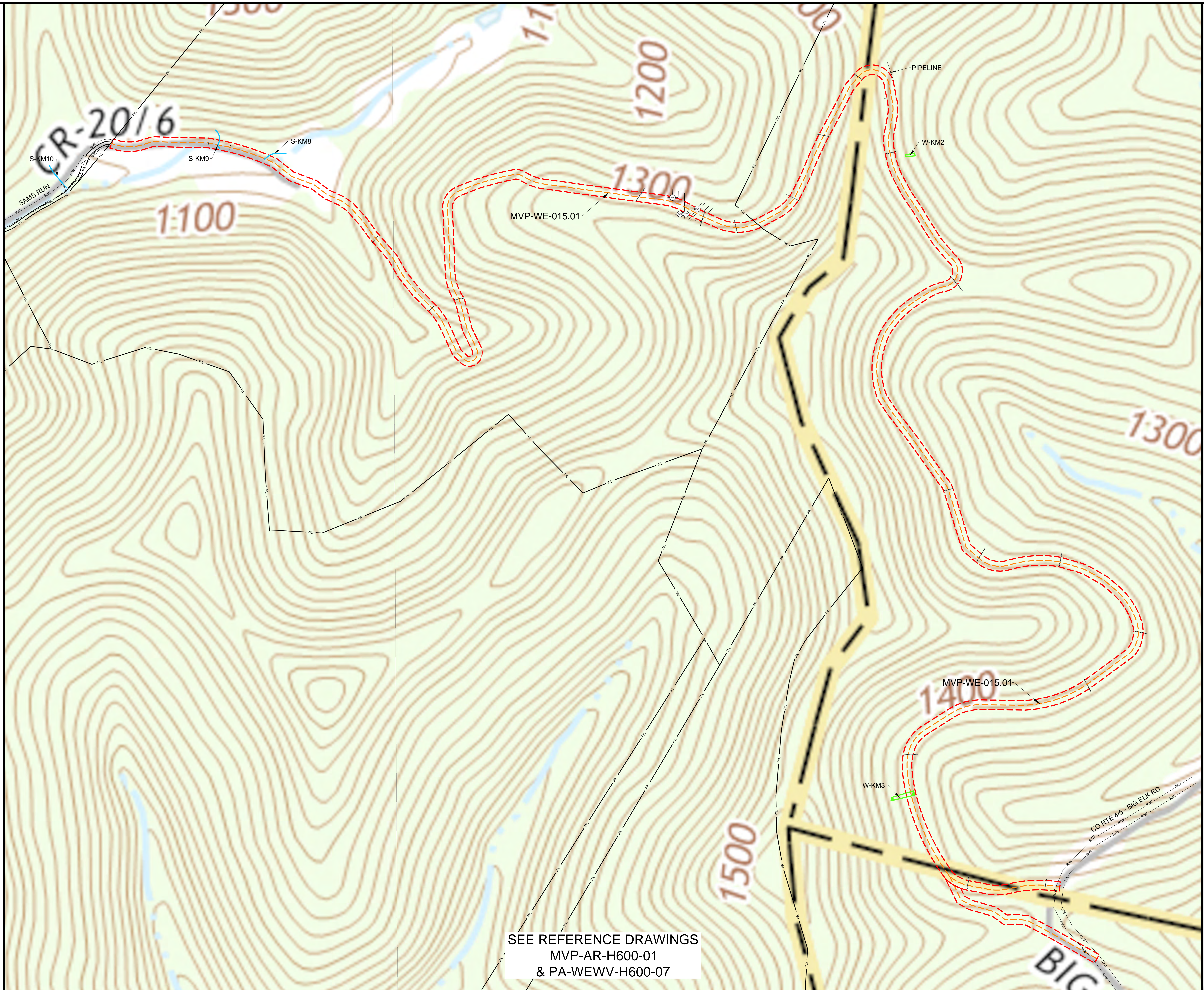
**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Alignment Sheets
Attachment 1**



SEE REFERENCE DRAWINGS
MVP-AR-H600-01
& PA-WEWV-H600-07

<p>LEGEND</p> <ul style="list-style-type: none">PERMANENT ACCESS ROADTEMPORARY ACCESS ROADPROPOSED H600 PIPELINEPROPOSED PERMANENT EASEMENTTEMPORARY WORK SPACEADDITIONAL TEMPORARY WORK SPACESTUDY CORRIDORWETLANDSTREAMPROPERTY LINEROAD RIGHT-OF-WAY LINEGATE - GATE POSTCULVERTPIPELINE MARKERPIPELINEOVERHEAD POWER LINE	<p>PROJECTION: UTM ZONE 17 HORIZONTAL DATUM: NAD 83 US SURVEY FEET VERTICAL DATUM: NAVD88</p>	<table><tr><th colspan="2">DRAWING NUMBER</th><th colspan="2">TITLE</th></tr><tr><td>MVP-AR-H600-01</td><td>OVERALL QUAD MAP</td><td></td><td></td></tr><tr><td>PA-WEWV-H600-08</td><td>ALIGNMENT SHEET</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	DRAWING NUMBER		TITLE		MVP-AR-H600-01	OVERALL QUAD MAP			PA-WEWV-H600-08	ALIGNMENT SHEET																																			<table><tr><th colspan="4">REVISIONS</th></tr><tr><th>REV.</th><th>BY</th><th>DATE</th><th>DESCRIPTION</th></tr><tr><td>0</td><td>DRF</td><td>03-08-15</td><td>ISSUED FOR VARIANCE</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	REVISIONS				REV.	BY	DATE	DESCRIPTION	0	DRF	03-08-15	ISSUED FOR VARIANCE																																	<p>HOLLAND ENGINEERING</p> <p>220 Hoover Boulevard, Suite 2 Holland, Michigan 49423-3766 T 616-392-5938 F 616-392-2116</p> <p>28555 Evergreen Rd., Suite. 430 Southfield, Michigan 48076 T 248-827-7322 F 248-827-7549</p> <p>www.hollandengineering.com</p>	<table><tr><th colspan="3">APPROVED FOR FERC</th><th colspan="3">APPROVED FOR BIDDING</th><th colspan="3">APPROVED FOR CONSTRUCTION</th></tr><tr><th>REV.</th><th>BY</th><th>DATE</th><th>REV.</th><th>BY</th><th>DATE</th><th>REV.</th><th>BY</th><th>DATE</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION			REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE																																																																									<p>HORIZ. SCALE: 1" = 200'</p> <p>DRAWN BY: HEI(DRF) 03/09/18</p> <p>DRAFTING CK: -</p> <p>ENGINEERING CK: -</p> <p>UEI JOB NO.: -</p> <p>AFE/P.O. NO.: -</p> <p>HEI PROJECT NO.: 14-10-052</p> <p>UEI FILE NO.: -</p> <p>DRAWING NO.: MVP-ADAR-H600-05V</p> <p>SHEET 5 OF 109 REV. 0</p> <p>DATE OF PLOT: 3/8/18 5:06 PM</p>	<p>Mountain Valley PIPELINE</p> <p>AERIAL DETAIL</p> <p>PROPOSED ACCESS ROAD</p> <p>MVP PIPELINE PROJECT - H600 LINE</p> <p>WETZEL COUNTY, WEST VIRGINIA</p>
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**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Rare, Threatened, and Endangered Species Report
Attachment 2**

**Mountain Valley Pipeline Project
Variance A-9
April 16, 2018**

State and federal agencies identified areas where plant surveys were required. This variance does not occur in any of those areas.

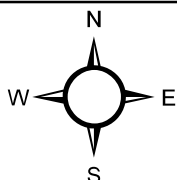
There are no impacts to aquatic resources associated with this variance.

The only avian species-specific presence-absence surveys required for the project are scrub-shrub habitat-specific in the state of Virginia. That habitat type is not present at this location in Summers, West Virginia.

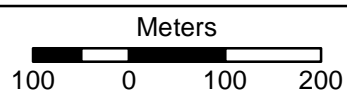
On 1/18/2018, Environmental Solutions and Innovations, Inc. (ESI) conducted field surveys to search for portal openings (winter bat habitat). Surveys were conducted in accordance with agency approved protocols for the project. No portal openings were observed in the variance area.



- | | |
|--|---|
|  MVP Variance |  ESI Portal Coverage |
|  MVP LOD (20171127) |  Parcel Boundary |



Mountain Valley Pipeline Variance Survey Exhibit; Variance A-9



Base Map: ESRI "World Imagery (Clarity)";
accessed 3/21/2018

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Waterbodies and
Wetlands Report
Attachment 3**

Mountain Valley Pipeline Project

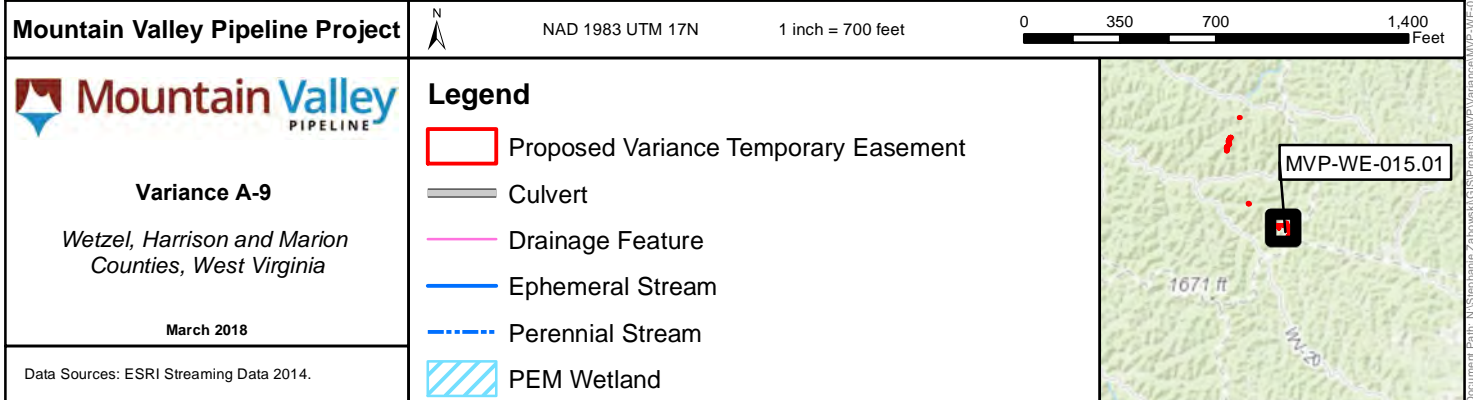
Variance A-9

March 22, 2018

On January 24, 2018, Tetra Tech, Inc. (Tetra Tech) surveyed the variance in Wetzel Co., WV for wetlands and streams. Wetland delineations were conducted utilizing the Routine On-Site Determination Methodology presented in the US Army Corps of Engineers (USACE) Wetland Delineation Manual (Technical Report Y-87-1) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (Version 2.0).

During field surveys, Tetra Tech identified and delineated two palustrine emergent (PEM) wetlands (W-KM2, W-KM3); one ephemeral stream (S-KM9); and one perennial stream (S-KM8) in the variance area along the access road, as shown on the attached figure.

FIGURES



**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Pipeline Variance
Request Map
Attachment 6**

