MVP Variance Request Form

Mountain Valley PIPELINE LLC

Variance Request No.:	E-1
Date Approval Requested by Contractor:	4/5/2018
Date Submitted by Chief Inspector to LEI:	
Date Received by FERC:	
FERC Approval Reference No.:	

Requested By:	Adam Slone	**Spread:**	E	**Variance Type:**	WS
Request Prepared By *:	Megan Neylon			**Variance Sequence Number:**	001

* 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:	N/A	**To:**	N/A	**Milepost:**	142	**To:**	142
Alignment Sheet Number:	Ancillary Sheets					**Tract No.:**	WV-GR-5152
Current Land Use/ Vegetative Cover:	pasture			**Other Agency Jurisdiction:**			N/A

Nearby Features (Water body, T&E Habitat, Wetland, Noxious Weed Area, Residence (distance), Cultural Resource Site (distance) etc.):

☐ Noxious Weed Area ☐ Raptor Nest ☐ Residence (Distance)
☐ T/E Species Habitat ☐ Cultural Resource Site ☐ Water Well
☑ Other (Specify): None

In or w/in 50 feet of a wetland: ☑ Yes ☐ No
In or w/in 50 feet of a waterbody: ☐ Yes ☑ No
Wetland or Waterbody ID: W-K57, S-KL57 and S-KL58

Additional Stream footage impacted:	0	**Additional Wetland impacts:**	0
Net acreage affected:	34.1		
Tree Clearing Required:	0.01 acre	**Acreage of tree clearing:**	0.01

Variance Level: ☐ Level 1 ☐ Level 2 ☑ Level 3

Variance From: ☑ Permit ☐ Plan ☐ Procedures ☐ EPPM ☐ Specification ☐ Drawing ☐ Mitigation Measure ☐ Line List ☐ Other: Describe:

Detailed Description of Variance: Attachments? ☑ Yes ☐ No Photos? ☐ Yes ☑ No

Laydown yard 27 will be graded and graveled to meet the contractor's needs. There will be no fuel stored onsite. Topsoil will be removed and stored in the designated location as shown in Attachment 1. Per approved Project plans, BMPs will be installed to minimize impacts to the delineated wetland and streams and the drainage ditch along the access road. Overnight parking will not occur within 100 feet of the wetland or stream. Several trees along the southeast corner of the site will need to be cut to allow for a large enough turn radius into the site. Topsoil will be stockpiled along the northeast corner of the site. No rare, threatened, or endangered species or cultural concerns were identified when surveys were completed in the area of the laydown yard.

List Attachments: Attachment 1 - Alignment Sheets; Attachment 2 - Rare, Threatened, and Endangered Species Report; Attachment 3 - Stream and Wetland Delineation Report; Attachment 4 - Landowner Exhibit (CUI//PRIV -- DO NOT RELEASE)

Variance Justification:

MVP is requesting to utilize laydown yard 27 for storage of construction materials such as timber mats and erosion and sedimentation control devices.

For MVP Use Only

Additional Surveys Required	Surveyed Corridor Description	Additional Surveys Completed

Cultural Survey ☑ Yes ☐ No			☑ Yes ☐ No
T & E Survey ☑ Yes ☐ No			☑ Yes ☐ No
Waterbodies/Wetlands ☑ Yes ☐ No			☑ Yes ☐ 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. Cultural surveys were described in *Mountain Valley Pipeline Project, Cultural Resource Survey, Addendum 2 to Volume III, Nicholas and Greenbrier Counties, West Virginia (August 2017).* SHPO comments were recieved on September 26, 2017 and filed with FERC on September 28, 2017.

Landowner:	**REDACTED**
Land Agent Contact	**Joe Park**
Landowner Approval Obtained ☑ Yes ☐ No	

Sign Off:	**Name**	**Signature**	**Date**
Construction Manager	*Adam Slone*	*Adam Slone*	4/6/2018
Lead Environmental Inspector	*Kayla Shay*	*Kayla Shay*	4/6/2018
Third Party Compliance Manager or monitor			
ROW Land Agent *	*Joe Park*	*Joe Park*	4/6/2018
Environmental Supervisor	*Megan Neylon*	*Megan Neylon*	4/6/2018

*signature denotes confirmed landowner approval

For FERC Compliance Monitor and Compliance Manager Use Only

Variance Approved:		Variance Denied:		Beyond Authority:	
Signature:					
Date:					
Stipulations:					

Spread No.: E

Variance Request No.: E-1

VARIANCE CONDITIONS

Name:		Title:		Organization:	

Conditions:

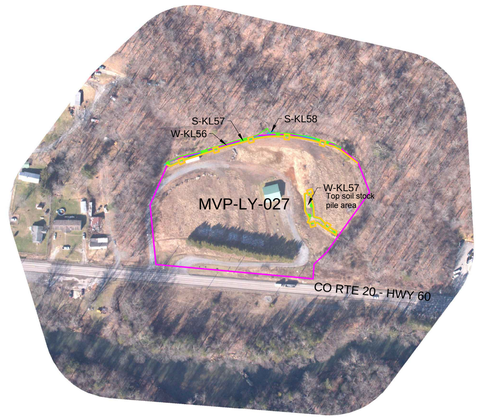
Name: Title: Organization:

Conditions:

Name: Title: Organization:

Conditions:

ATTACHMENT 1 -
ALIGNMENT SHEETS



LEGEND

- ANCILLARY SITE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PROPOSED H600 PIPELINE
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE
- GATE - GATE POST
- CULVERT
- PIPELINE MARKER
- POWER/TELEPHONE POLE
- ELEC/GAS/WTR METER
- FIRE HYDRANT & VALVE
- PEDESTAL - UTILITY
- PIPELINE
- FENCE
- WATER LINE
- OHP LINE
- ROAD RIGHT-OF-WAY LINE
- UNKNOWN UNDERGROUND UTILITY
- BUILDING
- WETLAND
- STREAM
- WELL - GAS/OIL/WATER/MONITORING

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE

REVISIONS

REV.	BY	DATE	DESCRIPTION
0	DRF	04-06-18	ISSUED FOR VARIANCE

HOLLAND ENGINEERING

220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116

26555 Evergreen Rd. Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

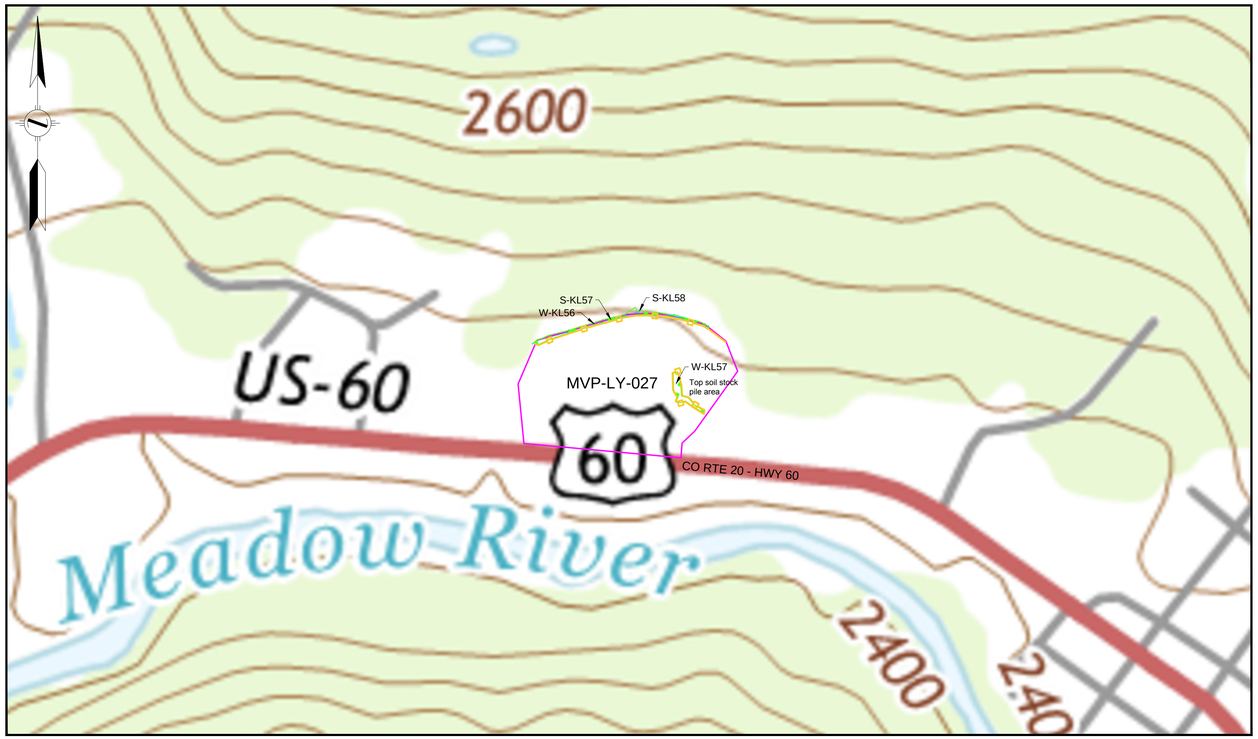
www.hollandengineering.com

APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
.	.	.	.	....	../../..	.	.	.

HORZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/06/18
DRAFTING CK:	
ENGINEERING CK:	.
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.: 14-10-052	
UEI FILE NO.	
DRAWING NO.: MVP-ADAS-H600-14	
SHEET 1 OF 1	REV. 0
DATE OF PLOT: 4/6/18 11:15 AM	

Mountain Valley PIPELINE

AERIAL DETAIL
PROPOSED ANCILLARY SITE
MVP PIPELINE PROJECT - H600 LINE
BRAXTON CO. WEST VIRGINIA



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HORZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/06/18
DRAFTING CK:	.
ENGINEERING CK:	.
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.:	14-10-052
UEI FILE NO.	
DRAWING NO.:	MVP-QDAS-H600-14
SHEET 1 OF 1	REV. 0
DATE OF PLOT:	4/6/18 11:14 AM

Mountain Valley PIPELINE

QUAD DETAIL
PROPOSED ANCILLARY SITE
MVP PIPELINE PROJECT - H600 LINE
BRAXTON CO., WEST VIRGINIA

Mountain Valley PIPELINE LLC

ATTACHMENT 2 - RARE, THREATENED, AND ENDANGERED SPECIES REPORT

Mountain Valley Pipeline Project
L3VAR-WV-GR-01
April 4, 2018

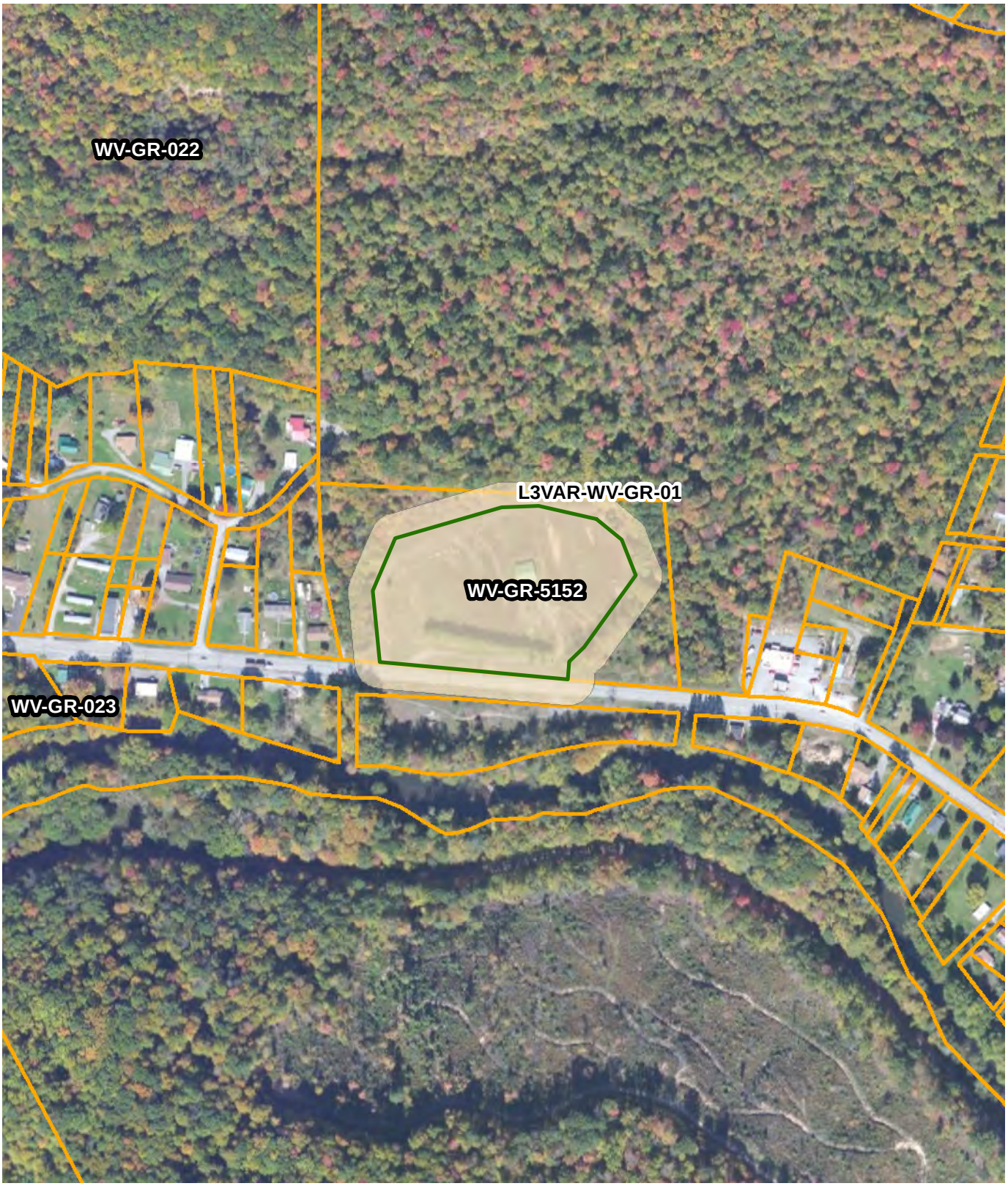
State and federal agencies identified areas where plant surveys were required. This variance does not occur in any of those areas.

There are no impacts to aquatic resources associated with this variance and thus no impacts to listed aquatic species.

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 Greenbrier County, West Virginia.

Because there are no impacts to forest habitats, there are no impacts to summer roosting bats.

On 10/27/2017, 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
Parcel Boundary
ESI Portal Coverage

N
W
E
S

Mountain Valley Pipeline Variance Survey Exhibit; L3VAR-WV-GR-01

Meters
50 0 50 100

Base Map: ESRI "World Imagery (Clarity)"; accessed 3/19/2018

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Mountain Valley PIPELINE, LLC

ATTACHMENT 3 - STREAM AND WETLAND DELINEATION REPORT

Mountain Valley Pipeline Project

MVP-LY-027

March 8, 2018

On May 18, 2017, Tetra Tech, Inc. (Tetra Tech) surveyed approximately 4.4 acres at the proposed MVP-LY-027 site in Greenbrier 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-KL56 and W-KL57) and two intermittent streams (S-KL57 and S-KL58) within the survey area, as shown on the attached figure.

FIGURES

Mountain Valley Pipeline Project

N

NAD 1983 UTM 17N

1 inch = 200 feet

0 100 200 400 Feet

Mountain Valley PIPELINE

Proposed MVP-LY-027

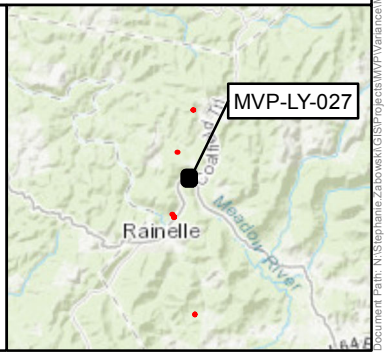
Greenbrier County, West Virginia

March 2018

Data Sources: ESRI Streaming Data 2014.

Legend

- Proposed Variance Limits of Disturbance
- PEM Wetland
- Culvert
- Intermittent Stream



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