

MVP Variance Request Form



Variance Request
No.: F-9

Date Approval Requested by Contractor: 5/15/2018

Date Submitted by Chief Inspector to LEI:

Date Received by FERC:

FERC Approval Reference No.:

Requested By: Jonathan Zwierzynski

Spread: F

Variance
Type: WS

Request Prepared By *: Megan Neylon

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: N/A

To: N/A

Milepost: N/A

To: N/A

Alignment Sheet Number:

Ancillary
Site

Tract No.:

WV-RA-6132 , WV-RA-6131

Current Land Use/ Vegetative Cover:

Developed;
Pasture/Hay

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):

In or w/in 50' of a wetland:

☒ Yes ☐ No

In or w/in 50' of a waterbody:

☒ Yes ☐ No

Wetland or Waterbody ID:

S-KP10, S-KP11, S-KP12
W-KP12, W-KP13, W-KP14, W-KP15, W-KP16, W-KP17, W-KP18, W-KP19, W-KP20

Additional Stream
footage impacted:

0.00

Additional Wetland impacts:

0.00

Net acreage affected:

+ 23.81

Tree Clearing Required:

No

Acreage of tree
clearing:

0.00

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

This variance adds laydown yard MVP-LY-050 (Ext) and associated temporary access road MVP-ANC-007 (Ext). Laydown yard MVP-LY-50 (Ext) is necessary for construction staging. This variance adds 23.81 acres to the LOD. No rare, threatened or endangered species or cultural resources were found during within the LOD. Wetlands W-KP12, W-KP13, W-KP14, W-KP15, W-KP16, W-KP17, W-KP18, W-KP19 & W-KP20 have been delineated during survey. None of these wetlands will incur impacts as they will be protected by E&S BMP's. Streams S-KP10, S-KP11 & S-KP12 have been delineated during survey. All streams will be protected with E&S BMP's and will incur no impacts. The site will be graded, topsoil will be segregated and the site will be graveled as needed with the gravel remaining after construction. The topsoil pile will either remain or will be removed by the contractor upon completion of construction. Topsoil storage will take place on the northern edge of the site. No fuel storage will take place on the site.

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 construction staging. Resources have been avoided to the extent practicable. Per approved Project plans, BMPs will be installed to minimize impacts to any 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 survey conducted 5/8/2018. The cultural resources survey was reported in: Mountain Valley Pipeline Project, Proposed Trinity-Beckley Laydown Yard Extension (MVP-LY-050) (Marine May 2018). Filed with FERC 5/30/2018. Clearance received from WVDCH 5/16/2018. The Concurrence Letter is provided in Attachment 4.			
Landowner: Land Agent Contact Landowner Approval <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Obtained		REDACTED JOE PARK	
Sign Off:	Name	Signature	Date
Construction Manager	<i>Jonathan Zwierzynski</i>	<i>Jonathan Zwierzynski</i>	6/29/2018
Lead Environmental Inspector	<i>Percy Jones</i>	<i>Percy Jones</i>	6/29/2018
Third Party Compliance Manager or monitor			
ROW Land Agent *	<i>Joe Park</i>	<i>Joe Park</i>	6/29/2018
Environmental Supervisor	<i>Megan Neylon</i>	<i>Megan Neylon</i>	6/29/2018
*signature denotes confirmed landowner approval			

For FERC Compliance Monitor and Compliance Manager Use Only

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

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Spread No.:	F	Variance Request No.:	F-9
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VARIANCE CONDITIONS

Name:		Title:		Organization:	
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Conditions:

Name:	Title:	Organization:
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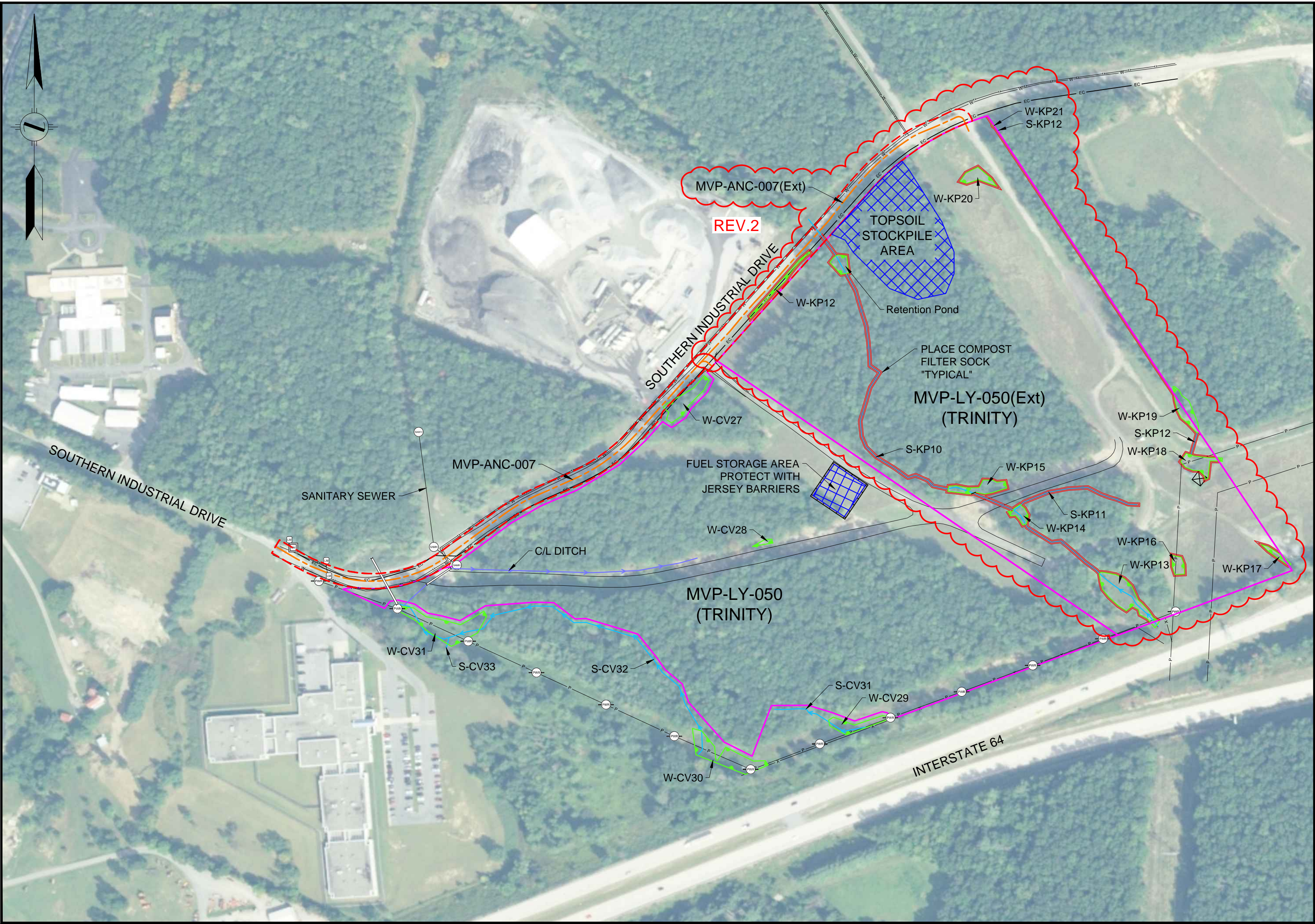
Conditions:

Name:	Title:	Organization:
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Conditions:

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

**Alignment Sheets
Attachment 1**



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
	SAFETY FENCE
	COMPOST FILTER SOCK
	PIPELINE
	CHP LINE
	ROAD RIGHT-OF-WAY LINE
	FENCE
	BUILDING
	WETLAND
	STREAM
	WELL - GAS/OIL/WATER MONITORING
PROJECTION: UTM ZONE 17 HORIZONTAL DATUM: NAD 83 US SURVEY FEET VERTICAL DATUM: NAVD88	

REFERENCE DRAWINGS		REVISIONS	
DRAWING NUMBER	TITLE	REV.	DESCRIPTION
0		DRF	ISSUED FOR VARIANCE
1		DRF	RE-ISSUED FOR VARIANCE - ADDED DITCH AND FUEL STORAGE AREA
2		DRF	ISSUED FOR ADDITIONAL VARIANCE - ADDED EXTENSION MVP-LY-050(EXT) AND MVP-ANC-007(EXT)
3		DRF	ADDED TOPSOIL STOCKPILE AREA
4		DRF	ADDED COMPOST FILTER SOCK

HOLLAND
ENGINEERING

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

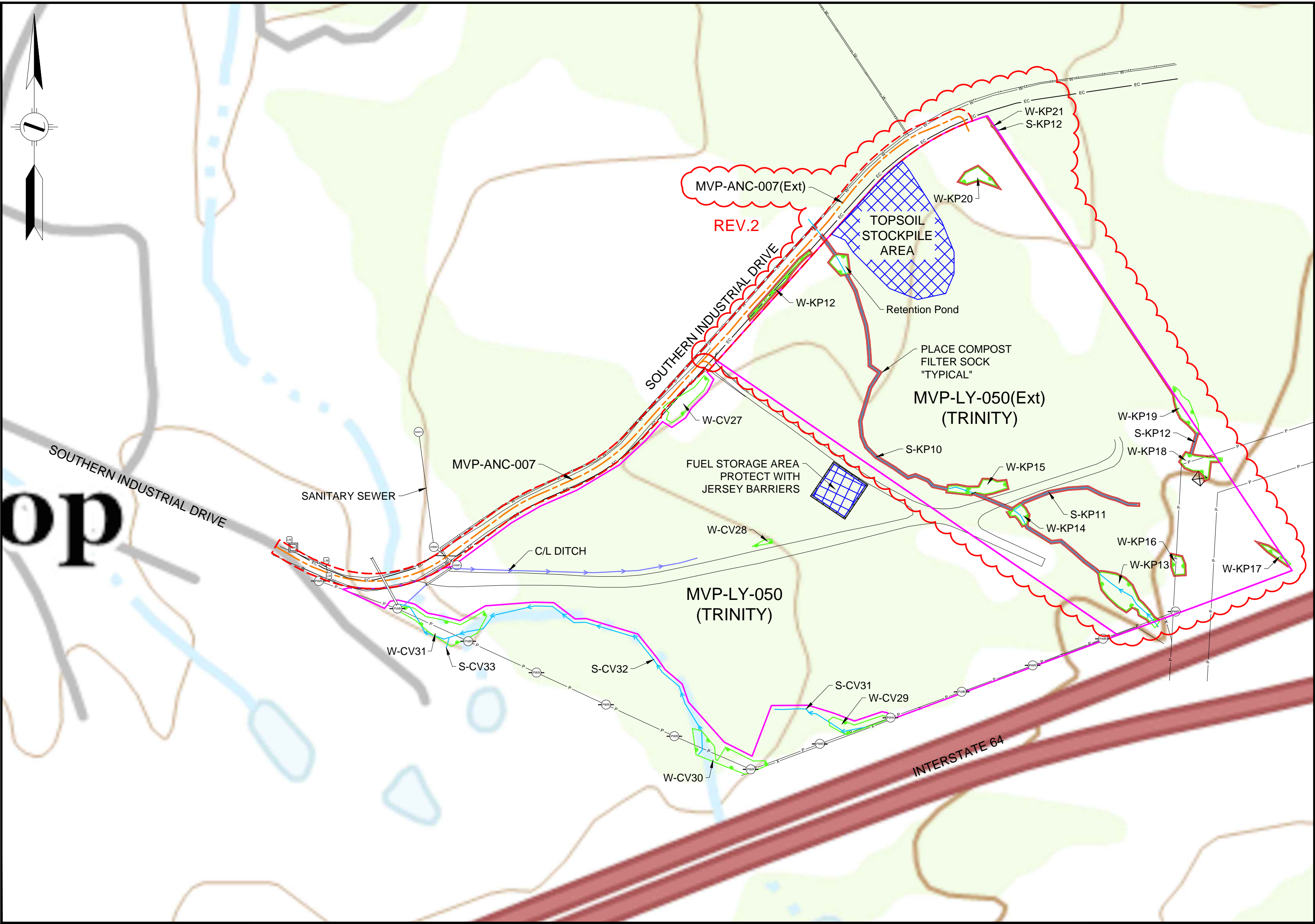
28555 Evergreen Rd., Suite 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

www.hollandengineering.com

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

HORIZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	03/06/18
DRAFTING CK:	
ENGINEERING CK:	
UEI JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UEI FILE NO.:	
DRAWING NO.:	MVP-ADAS-H600-08
SHEET 1 OF 1	REV. 4
DATE OF PLOT:	6/28/18 4:35 PM

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



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
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DRAWING NO.:	
MVP-QDAS-H600-08	
SHEET 1 OF 1	REV. 4
DATE OF PLOT:	6/28/18 4:35 PM

QUAD DETAIL

PROPOSED ANCILLARY SITE

MVP PIPELINE PROJECT - H600 LINE

RALEIGH CO., WEST VIRGINIA

**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 F-9
June 8, 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, thus do not apply to this variance area.

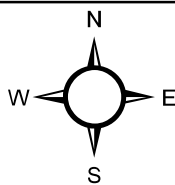
On 5/8/2018, Environmental Solutions and Innovations, Inc. (ESI) conducted field surveys to search for portal openings (winter bat habitat). Surveys were conducted in accordance with agency approved protocols for the project. No portal openings were observed in the variance area.



MVP Variance



ESI Portal Coverage



Mountain Valley Pipeline Variance Survey Exhibit; Variance F-9

Meters



Base Map: ESRI "World Imagery (Clarity)";
accessed 6/8/2018

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

**Waterbodies and
Wetlands Report
Attachment 3**

Mountain Valley Pipeline Project

Variance F-9

June 8, 2018

On May 11, 2018, Tetra Tech, Inc. (Tetra Tech) surveyed the proposed variance in Raleigh 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 streams S-KP10, S-KP11, and S-KP12 and wetlands W-KP-12, W-KP13, W-KP14, W-KP15, W-KP16, W-KP17, W-KP18, W-KP19, and W-KP20 in the variance area as shown on the attached figure.



Mountain Valley Pipeline Project



NAD 1983 UTM 17N

1 inch = 300 feet

0 150 300 600 Feet



Proposed Variance F-9

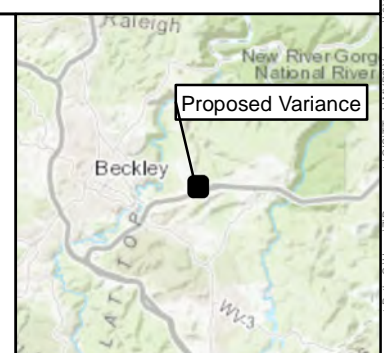
Roanoke County, Virginia

May 2018

Data Sources: ESRI Streaming Data 2014.

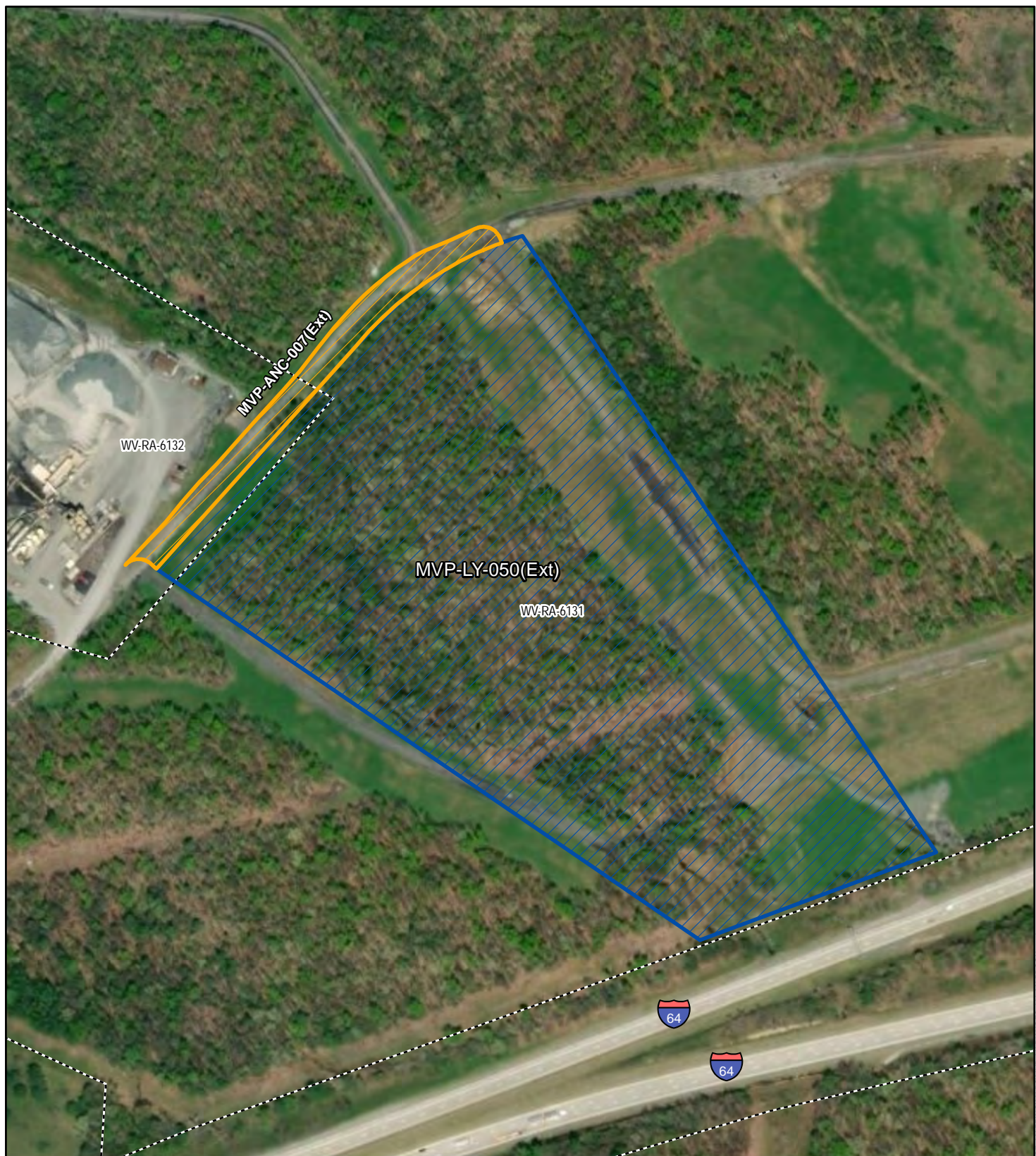
Legend

- Issued for Construction LOD
- Proposed Variance Limit of Disturbance
- Culvert
- Drainage Feature
- Intermittent Stream
- Perennial Stream
- PEM Wetland
- Pond



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

**Pipeline Variance
Request Map
Attachment 6**



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

FERC Docket No. CP16-10-000

MVP Variance F-9

RALEIGH COUNTY

May 2018

Legend

- Issued for Construction Milepost
- Issued for Construction Route
- Issued for Construction Limits of Disturbance
- Parcel Boundary
- Proposed Variance Ancillary Site
- Proposed Variance Temporary Workspace

0 100 200 400 600 800 Feet

194.2 195.3 200.6 200 202.9