

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

**Implementation Plan
December 2017 Supplement**

Attachment IP-4a

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

**Implementation Plan
December 2017 Supplement**

**Attachment IP-4a
Pipeline Alignment Sheets
01 Wetzel County, WV**

RIGHT-OF-WAY & OWNERSHIP DATA

DESIGN	PIPE / COATING	SLOPE DISTANCE	CLASS LOCATION / HCA
ENVIRONMENTAL	CONSTRUCTION EXCLUSION	WETLAND / STREAM	

PLAN VIEW

LEGEND

- STUDY CORRIDOR
- PROPOSED 42" PIPELINE
- NON-SURVEYED C/L
- 500' TICK MARK
- EXISTING PIPELINE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- TEMPORARY ACCESS RD
- ANCILLARY SITE
- COUNTY LINE
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- FENCE LINE
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- C/L ROAD
- C/L RAILROAD
- DELINEATED STREAM
- DELINEATED WETLAND
- BARRICADE FENCE
- PROPOSED TEST STATION
- LINE MARKER - VENT PIPE
- POWER/TELE POLE
- TOWER LEG
- TREE
- GUY ANCHOR
- TANK
- GAS VALVE
- WELL - GAS/OIL/WATER MONITORING POST - GATEFENCE
- ELEC/GASWTR METER
- PEDESTAL - UTILITY
- MH - SANITARY/WATER
- CATCH BASIN - CULVERT
- ADDITIONAL TEMPORARY WORK SPACE(S)
- ABOVE GROUND FACILITY
- LIMITS OF DISTURBANCE

REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION
MVP-AR-H600-01	ACCESS ROADS, ANCILLARY SITES, MAINLINE VALVES & LAUNCHER/RECEIVER SITES
06-2016-0238	ROAD CROSSING PERMIT
06-2016-0237	ROAD CROSSING PERMIT
06-2016-0252	ROAD CROSSING PERMIT
P-W-H600-1204-01	CATHODIC PROTECTION STANDARD DRAWING
P-W-H600-1204-02	CATHODIC PROTECTION STANDARD DRAWING

HORIZONTAL STATIONING

WORK SPACE

- PROPOSED PIPELINE
- EXISTING PIPELINE
- ACCESS ROAD
- TEMPORARY WORK SPACE
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE(TWS)
- ADD. TEMPORARY WORK SPACE(ATWS)

CONSTRUCTION METHOD

CONSTRUCTION METHOD KEY

- TYPICAL R/W WORKING SIDE RIGHT
- TYPICAL R/W WORKING SIDE LEFT
- TOPSOIL SEGREGATED R/W WORKING SIDE RIGHT
- TOPSOIL SEGREGATED R/W WORKING SIDE LEFT
- TYPICAL WETLAND X-ING
- ROAD X-ING - BORE
- RAILROAD X-ING - BORE
- WATERBODY X-ING OPEN CUT - FLUME
- PARALLEL TO POWER LINE
- RIDGE CONSTRUCTION
- HDD ENTRY PLAN
- HDD EXIT PLAN
- HDD CONSTRUCTION
- PARALLEL TO POWER LINE
- PARALLEL TO POWER LINE
- WATERBODY X-ING OPEN CUT - DRY/DAM & PUMP
- SIDE HILL CONSTRUCTION
- 2-TONE SIDE HILL CONSTRUCTION
- REDUCED CONSTRUCTION R/W WITH TOPSOIL SEGREGATION
- REDUCED CONSTRUCTION R/W FOR NON-WETLAND OR STREAM REASONS

PROFILE

AIRIAL PHOTOGRAPHY DATE: APRIL 2015 & JANUARY 2016

ISSUED FOR CONSTRUCTION

Mountain Valley Pipeline

PIPELINE ALIGNMENT

MOUNTAIN VALLEY PROJECT - H600 LINE

GRANT DISTRICT, WETZEL CO., W.V.

STA. 149+32 TO STA. 179+35

HORIZ SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 02/09/15

DRAFTING CK:

ENGINEERING CK:

CONSTRUCTION CK:

ENVIRONMENTAL CK:

AFE/P.O.N.O.:

HEI PROJECT NO.: 14-10-052

DRAWING NO.: PA-WEVW-H600-04

SHEET 4 OF 329 REV. 6

DATE OF PLOT: 11/28/17 3:23 PM

 Mountain Valley PIPELINE PIPELINE ALIGNMENT MOUNTAIN VALLEY PROJECT - H600 LINE GRANT DISTRICT, WETZEL CO., W.V. STA. 149+32 TO STA. 179+35										 HOLLAND ENGINEERING 2025 Mountain Valley Pipeline Grant District, Wetzel County, WV 11/28/2017 3:23 PM T 616-392-2338 F 616-392-2115 www.hollandengineering.com									
HORZ. SCALE: 1" = 200'										REVISED									
DRAWN BY: HEI(DRF) 02/09/15										REV. BY DATE DESCRIPTION									
DRAFTING CK:																			
ENGINEERING CK:																			
CONSTRUCTION CK:																			
ENVIRONMENTAL CK:																			
A/E/P O.N.O.:																			
HEI PROJECT NO.: 14-10-052																			
DRAWING NO.: PA-WEWV-H600-04																			
SHEET 4 OF 329 REV. 6																			
DATE OF PLOT: 11/28/2017 3:23 PM																			

