



LEGEND

- AREA WITHIN PROJECT LIMITS NOT TO BE DISTURBED
- PROPOSED LIMIT OF DISTURBANCE
- STREAM
- USDA FOREST SERVICE (NATIONAL FOREST) LANDS
- APPALACHIAN NATIONAL SCENIC TRAIL
- EXISTING ROAD/TRAIL
- EXISTING PROPERTY LINE
- EXISTING STATE LINE
- EXISTING COUNTY LINE
- POND
- WETLAND
- ACID FORMING MATERIAL
- EXISTING FOREST
- PROPOSED ACCESS ROAD CENTERLINE
- PROPOSED PIPELINE
- PROPOSED SILT FENCE (SEE NOTE 5)
- PROPOSED SUPER SILT FENCE (SEE DETAIL MVP-ES9.2)
- PROPOSED REINFORCED FILTRATION DEVICE (SEE DETAILS MVP-ES9, 9.1, 9.2, 9.3)
- ORANGE CONSTRUCTION SAFETY FENCE
- PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)
- PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)
- PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)
- GRASS-LINED CHANNEL (SEE DETAIL MVP-ES39)
- CLEAN WATER DIVERSION PIPE
- CLEAN WATER DIVERSION DIKE (SEE DETAIL MVP-ES50 AND MVP-ES51)
- FEMA 100 YEAR FLOODPLAIN
- DRAINAGE AREA BOUNDARY
- TIMBER MAT (SEE DETAIL MVP-ES37)
- STEEP SLOPE EROSION CONTROL (SEE NOTE 2)
- STEEP SLOPE AREAS (SEE NOTE 4)
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED TRENCH BREAKER (SEE DETAIL MVP-20)
- TEMPORARY ROW DIVERSION/WATER BAR (VADEQ STD & SPEC 3.11)
- PERMANENT SLOPE BREAKER/ROW DIVERSION/WATER BAR (SEE DETAILS MVP-17, ES38, AND SCHEDULE)

NOTES:

- TOPSOIL SEGREGATION TO BE CONDUCTED THROUGHOUT THE JEFFERSON NATIONAL FOREST.
- FLEXTERRA, EARTHGUARD OR EQUIVALENT MAY BE USED AS A SUBSTITUTE TO EROSION CONTROL BLANKET AS DIRECTED BY MVP.
- CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL UTILITIES. THE UTILITY LINES SHOWN ON THE PLAN ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT SURVEYED LINE INFORMATION.
- SLOPES OF 30° OR GREATER EXIST. CONSTRUCTION FOR STEEP SLOPES TO BE PERFORMED USING STEEP SLOPE TECHNIQUES IDENTIFIED IN THE DETAIL SHEETS. ALSO REFER TO THE SITE-SPECIFIC DESIGN OF STABILIZATION MEASURES IN SELECTED HIGH-HAZARD PORTIONS OF THE ROUTE OF THE PROPOSED MOUNTAIN VALLEY PIPELINE PROJECT.
- WHERE CONSTRUCTION CONDITIONS PRECLUDE THE USE OF DIVERSION DITCHES DUE TO SITE CONDITIONS THE CONTRACTOR WILL INSTALL SILT FENCE AT THE DIRECTION OF MVP.
- DRAINAGE FEATURE CROSSINGS TO BE PERFORMED PER DETAIL MVP-ES49.
- TEMPORARY ACCESS ROAD CROSSING OF STREAMS AND WETLANDS WILL UTILIZE TIMBERMATS. ANY PERMANENT ROAD CROSSINGS WILL BE CONDUCTED VIA CULVERTS. NO UNPERMITTED IMPACT TO STREAMS WILL OCCUR AS A RESULT OF ROAD OR PIPELINE CROSSINGS AND ALL ESC BMP'S WILL BE INSTALLED TO CONTINUE THE STREAM FLOW.
- ALL NON VMRC STREAM CROSSINGS WILL BE PERFORMED AS DESCRIBED IN THE STREAM CROSSING TABLE INCLUDED IN THIS PACKAGE AND PER DETAIL MVP-ES49.
- NO GROUND DISTURBANCE TO OCCUR WITHIN ATWS FOR ABOVE GROUND EQUIPMENT PLACEMENT. THE ACTUAL LOCATION OF THE WATERWARD EDGE OF THE ATWS WILL BE BASED ON FIELD CONDITIONS AND WILL BE LOCATED OUTSIDE THE RESOURCE ABOVE THE ORDINARY HIGH WATER MARKS, HOWEVER, THE CONTROLS WILL NOT BE LOCATED CLOSER TO THE RESOURCE THAN WHAT IS SHOWN ON THESE DESIGNS.

NO.	DATE	CHKD.	APPD.	DESCRIPTION
04/05/23	JZ	DCW	TD	ADDRESS VADEQ COMMENTS
11/30/22	JZ	DCW	TD	ADDRESS VADEQ COMMENTS
01/31/22	JZ	RE	TD	CROSSING METHOD CHANGE FROM OPEN CUT TO BORE
10/29/20	JZ	RE	TD	FIELD MODIFICATION - ADDITIONAL IMPROVEMENTS FOR OPEN CUT CROSSINGS
04/30/18	KAL	RE	DW	ADDRESS VADEQ COMMENTS
03/16/18	KAL	RE	DW	ADDRESS VADEQ COMMENTS

EROSION AND SEDIMENT CONTROL PLANS
MOUNTAIN VALLEY PIPELINE PROJECT - H600 LINE
 SPREAD 11 - FRANKLIN COUNTY, VIRGINIA
MOUNTAIN VALLEY PIPELINE, LLC
 2200 ENERGY DRIVE
 CANONSBURG, PA 15317

TETRA TECH
 complex world | CLEAR SOLUTIONS™
 661 ANDERSEN DRIVE
 FOSTER PLAZA 7
 PITTSBURGH, PA 15220

EROSION AND SEDIMENT CONTROL PLANS

COMMONWEALTH OF VIRGINIA
 4/5/23
 DANIEL C. WITT
 Lic. No. 65093
 PROFESSIONAL ENGINEER
 THIS SEAL APPLIES ONLY TO REVISIONS DATED 04-05-2023

DAVID J. WALLNER
 Lic. No. 57593
 PROFESSIONAL ENGINEER
 5/12/2023

DRAWN BY: JZ
 CHECKED BY: DCW
 APPROVED BY: TD
 DATE: 04/05/23
 SCALE: AS SHOWN
 SHT. NO. 15.14ES OF 15.99ES