



**LEGEND**

— EXISTING CULVERT	— AREA WITHIN PROJECT LIMITS NOT TO BE DISTURBED	— STREAM FLOW DIRECTION
— STREAM	— PROPOSED LEVEL SPREADER DIVERSION	— FEMA 100 YEAR FLOODPLAIN
— EXISTING PROPERTY LINE	— PROPOSED LEVEL SPREADER	▲ PERMANENT WATER BAR 10' END TREATMENT
— EXISTING STATE LINE	— PROPOSED ACCESS ROAD CENTERLINE	▲ PERMANENT WATER BAR 15' END TREATMENT
— EXISTING COUNTY LINE	— PROPOSED PIPELINE	▲ PERMANENT WATER BAR 20' END TREATMENT
— EXISTING ROAD/TRAIL	— SURFACE WATER FLOW DIRECTION	● APPROXIMATE LOCATION OF WATER BAR END TREATMENTS (PENDING FIELD CONDITIONS)
— USDA FOREST SERVICE (NATIONAL FOREST) LANDS	— POND	— STEEP SLOPE AREA
— ANST — APPALACHIAN NATIONAL SCENIC TRAIL	— WETLAND	— EXISTING FOREST
— AFM — ACID FORMING MATERIAL	— PROPOSED CULVERT WITH OUTLET PROTECTION (SEE DETAILS MVP-ES7, 7.1)	— PERMANENT EASEMENT RESTORED TO MEADOW CONDITION
— GRASS-LINED CHANNEL (SEE DETAIL MVP-ES39)	— PROPOSED LIMIT OF DISTURBANCE	— TEMPORARY EASEMENT RESTORED TO BRUSH CONDITION
— PROPOSED PERMANENT RIGHT OF WAY		

**NOTES:**

- NOTE THAT ALL WATER BARS REGARDLESS OF SPECIFIED CALCULATION LENGTH ARE TO BE INSTALLED WITH 20-FT END TREATMENT LENGTHS, EXCEPT AS NOTED IN NOTE 2 BELOW.
- IN AREAS OF RIDGETOP AS NOTED IN THE TABLE ON THE KEY PLAN OF THIS PLAN SET, WATER BARS WITH END TREATMENT LENGTHS OF 10-FT WILL BE PLACED ON EITHER END.

NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION
11/30/22	JUZ	RE	TD		ADDRESS VADO COMMENTS
01/11/22	JUZ	RE	TD		FIELD MODIFICATION - ADDITIONAL WORKSPACES FOR OPEN CUT CROSSINGS
03/21/18	KAL	RE	DW		ADDRESS VADO COMMENTS
03/16/18	KAL	RE	DW		ADDRESS VADO COMMENTS
03/04/18	KAL	RE	DW		ADDRESS VADO COMMENTS
02/20/18	KAL	RE	DW		RESUBMISSION USING APPROVED STORMWATER METHODOLOGY

Mountain Valley Pipeline  
**POST CONSTRUCTION (STORMWATER & RESTORATION) 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

**POST CONSTRUCTION (STORMWATER & RESTORATION) PLANS**

COMMONWEALTH OF VIRGINIA  
**DANIEL C. WITT**  
 Lic. No. 65098  
 PROFESSIONAL ENGINEER

THIS SEAL APPLIES ONLY TO REVISIONS DATED 11-30-22

COMMONWEALTH OF VIRGINIA  
 DAVID J. WALLNER  
 Lic. No. 0402057593  
 PROFESSIONAL ENGINEER

DRAWN BY:	JZ
CHECKED BY:	DCW
APPROVED BY:	TD
DATE:	11/30/2022
SCALE:	AS SHOWN
SHT. NO. 15.15PC	OF 15.93PC