By virtue of this seal and signature, all supporting documents included in this package are accurate and support the design presented herein.

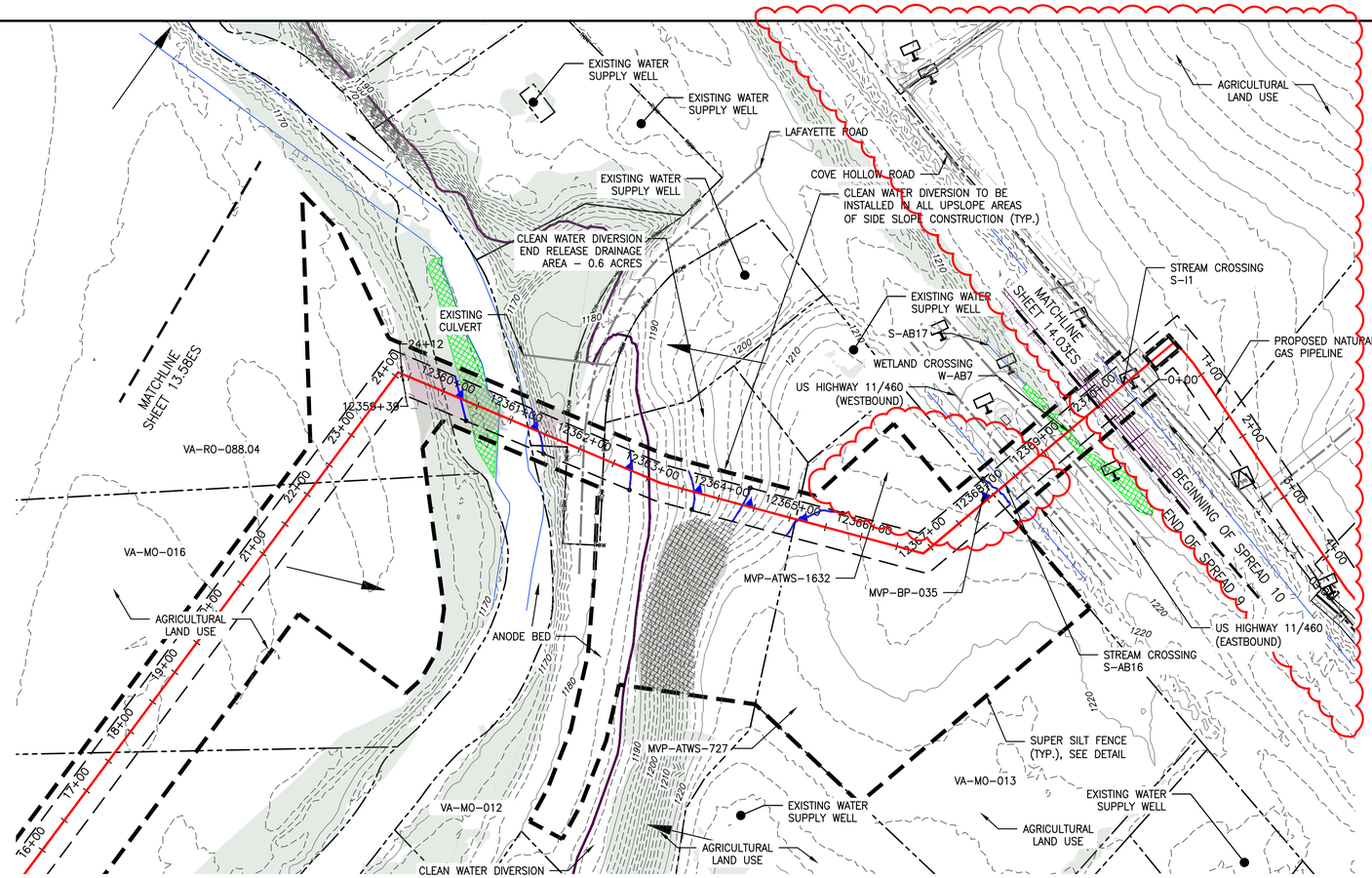
COMMONWEALTH OF VIRGINIA

DAVID J. WALLNER

Lic. No. 0402057593

1/23/2020

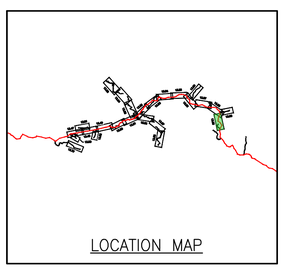
PROFESSIONAL ENGINEER



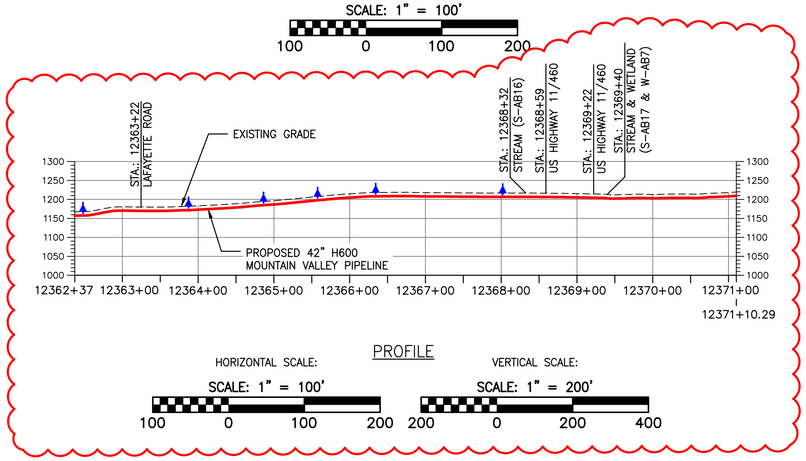
PLAN

SCALE: 1" = 100'

100 0 100 200



LOCATION MAP



PROFILE

HORIZONTAL SCALE: SCALE: 1" = 100'

100 0 100 200

VERTICAL SCALE: SCALE: 1" = 200'

200 0 200 400

LEGEND

- EXISTING CULVERT
- STREAM
- EXISTING PROPERTY LINE
- EXISTING STATE LINE
- EXISTING COUNTY LINE
- EXISTING ROAD/TRAIL
- USDA FOREST SERVICE (NATIONAL FOREST) LANDS
- APPALACHIAN NATIONAL SCENIC TRAIL
- ACID FORMING MATERIAL
- PROPOSED LEVEL SPREADER DIVERSION
- GRASS-LINED CHANNEL (SEE DETAIL MVP-ES39)
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED LEVEL SPREADER
- PROPOSED PERMANENT RIGHT OF WAY
- PROPOSED ACCESS ROAD CENTERLINE
- PROPOSED PIPELINE
- SURFACE WATER FLOW DIRECTION
- POND
- WETLAND
- PROPOSED CULVERT WITH OUTLET PROTECTION (SEE DETAILS MVP-ES7, 7.1)
- APPROXIMATE LOCATION OF WATER BAR END TREATMENTS (PENDING FIELD CONDITIONS)
- STREAM FLOW DIRECTION
- FEMA 100 YEAR FLOODPLAIN
- PERMANENT WATER BAR 10' END TREATMENT
- PERMANENT WATER BAR 15' END TREATMENT
- PERMANENT WATER BAR 20' END TREATMENT
- STEEP SLOPE AREA
- EXISTING FOREST
- PERMANENT EASEMENT RESTORED TO MEADOW CONDITION
- TEMPORARY EASEMENT RESTORED TO BRUSH CONDITION

NOTES:

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

NO.:	DATE:	DWN.:	CHKD.:	APPD.:	DESCRIPTION:
8	11/25/19	BH	JRE	DJW	ADDRESS VADEQ COMMENTS TO FIELD MODIFICATION SUBMITTAL
7	4/3/19	BH	JRE	DJW	FIELD MODIFICATION–MP 235.5 (ADDED MVP-ATWS-1632)
6	4/30/18	KAL	JRE	DJW	FIELD MODIFICATION
5	4/30/18	KAL	JRE	DJW	FIELD MODIFICATION
4	3/5/18	KAL	JRE	DJW	ADDRESS VADEQ COMMENTS
3	2/16/18	KAL	JRE	DJW	RESUBMISSION USING APPROVED STORMWATER METHODOLOGY

REVISIONS:

Mountain Valley PIPELINE

POST CONSTRUCTION (STORMWATER & RESTORATION) PLANS
MOUNTAIN VALLEY PIPELINE PROJECT – H600 LINE
SPREAD 9 – MONTGOMERY COUNTY, VIRGINIA

MOUNTAIN VALLEY PIPELINE, LLC
2200 ENERGY DRIVE
CANONSBURG, PA 15311

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

POST CONSTRUCTION (STORMWATER & RESTORATION) PLANS

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

DRAWN BY:	KAL
CHECKED BY:	JRE
APPROVED BY:	DJW
DATE:	11/25/19
SCALE:	AS SHOWN
REVISION	8

SHT. NO. 13.59PC OF 13.90PC

TETRA TECH CAD FILE PATH: R:_Marcellus Shale Projects\EQT\7157 – MVP Construction Spread 9\13 – Montgomery\PC\7157PC13.59(S9).dwg PLOTTED ON: 1/23/2020 8:03 AM PLOTTED BY: Moore, Zachary PLOT FILE: ENVIRONMENTAL_COLOR.ctb