The Wilderness Society et al. Comments on the U.S. Forest Service Mountain Valley Pipeline and Equitrans Expansion Project Draft Supplemental Environmental Impact Statement (#50036)

## EXHIBIT 12

February 21, 2023

#### General Permit No WV0116815

### WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipeline Project			REG.#	<b>EXPIRE DATE:</b>
PERMITTEE	MOUNTAIN VALLEY PIPELINE, LLC			WVR310667	5/13/2018
ADDRESS/PHONE:	Attn: MATTHEW HOOV	VER		Extended:	
	625 LIBERTY AVE, ST	1700		12/31/2018	
	PITTSBURG, PA 15222				
	7248733645				
LOCATION:	Harris Compressor Statio	n	Entry Date/Time:	9/25/2018 1000	
COUNTY:	Braxton		Exit Date/Time:	9/25/2018 1100	
Site Representative	Brittany Dewitt (Lead EI	)/330-987-1682,	PHOTOS ⊠		
/Phone	MVP/412-258-5627 & Jason Hiles, Spread C Lead				
	EI/740-334-7812				
<b>CO-PERMITTEE:</b>	ADDRESS:				
SITE OPERATOR:	MEC Construction LLC ADDRESS:			19 RR Meadowbro	ok, WV 26404
PERMITTED	4311 WEATHER: Cloudy			LAST	8/21/2018
ACREAGE	1.01			INSPECTION:	5 5 5.
RECEIVING STREAM(S) Trib of Elk/Kanawha R/ Ohio Rv				NOV: 1	
Regular Mail □ Certified Mail 図 Tracking #					
OVERALL FACILITY	ACILITY RATING: Unsatisfactory COMPLIANCE OUT			COME Not Immediately Corrected	

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/D No	t Determined M-Marginal Y-Yes I	N-No
1. PERIMETER CONTROLS		9. HOUSEKEEPING/SOLID WASTE	S	17. CONCRETE WASHOUT	S
2. DIVERSIONS/DITCH CHECKS		10. RECORDS, REPORTS & PLANS ON SITE	S	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS N.		11. STABLE CONSTRUCTION S 19. SEDIMENT LADE LEAVING SITE		19. SEDIMENT LADEN WATER LEAVING SITE	Yes
4. OUTLET MARKERS N/		12. MUD ON ROADWAY/DUST	No	20. CONDITIONS NOT ALLOWABLE	
5. WASTE/BORROW SITES		13. APPROPRIATE BMP'S IMPLEMENTED	U	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE S		14. FILL SLOPE PROTECTION	S	22. ORDER COMPLIANCE	N/A
7. WATER BARS S		15. DEVICES INSTALLED IN TIMELY MANNER	S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION	N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

- 1, 13, 19, & 20.- Station 550 had sediment laden water leaving the site through failed perimeter controls creating conditions not allowable in UNT of Little Kanawha River (photos 1-3)
- 13. Marginal evaluation notated- On northeastern side, 3 separate filter fabric bags were improperly installed, had rolled over edge of fill slope and dewatering continued. Slope was well vegetated, and sediment laden water was not leaving site (photos 4-5)
- All issues related to NOV# W18-52-007-CP issued 8/21/2018 have been abated and returned to compliance achieved (photos 6-9)

WARNINGS: Immediately take all measures necessary to comply with all terms and conditions of the WV/NPDES general permit. In accordance with permit section Section G.4.e.2., correctly install and properly use filter fabric bags for dewatering practices (photos 4-5).

INSPECTOR: Christy Pitsenbarger Telephone: 304-816-2453

Modified: 10-15-2017 JHH

## STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W18-52-011-CP

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Harris Compressor Station** in **Braxton** County

Representative: MATTHEW HOOVER Date: 9/25/2018 Time: 1000

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>47CSR2 3.2a</u> of the Rules and Regulations and/or Section(s) <u>G</u>. of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

- Section G.4.e.2. Permittee has failed to properly implement controls: inadequate perimeter controls installed at base of fill slope at station 550, which allowed sediment laden water to release into UNT of Little Kanawha River (photos 1-3).
- Section G.4.e.2.A.ii.j Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device into UNT of Little Kanawha River (photos 1-3).

Have violated the following WV Legislative Rules (Requirements Governing Water Quality Standards): Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in UNT of Little Kanawha River.

The following corrective measures were discussed with you at the time of this inspection: <u>Take measures to correct the aforementioned violations.</u>

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent Certified Ma	ail7018004000004793710	5
	Signature	Title
Christy Potserbarger		
Duly Authorized Agent /	304-816-2453	Christy.e.pitsenbarger@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Photo 1: Station 550 outlet and sump at base of fill slope where perimeter controls failed allowing sediment laden water to leave site and create conditions not allowable in UNT of Little Kanawha.



Photo 2: Station 550 sump at base of fill slope where perimeter controls failed and sediment laden water leaving site.



Photo 3: Conditions not allowable in UNT of Little Kanawha River down gradient of photo 2.



Photo 4: 1 of 3 improperly installed filter fabric bags still in use on north eastern side of site.



Photo 5: 2 of 3 improperly installed filter fabric bags still in use on north eastern side of site.



Photo 6: Vegetated slope on north western side of site abating NOV# W18-52-007-CP.



Photo 7: 1 of 2 covered underdrain outlets abating NOV# W18-52-007-CP.



Photo 8: Re-vegetated slope on north eastern side of site abating NOV# W18-52-007-CP.



Photo 9: Properly installed concrete washout device abating NOV# W18-52-007-CP.



USPS TRACKING#





First-Class Mail Postage & Fees Paid USPS Permit No. G-10

9590 9402 3080 7124 9852 87

United States Postal Service Sender: Please print your name, address, and ZIP+4® in this box®

WV DEP Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840



#### General Permit No WV0116815

### WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipelin	e Project	REG. #	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN VALLEY	PIPELINE, LL	WVR310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW HOO	VER			Extended:
	625 LIBERTY AVE, ST	1700		12/31/2018	
	PITTSBURG, PA 15222				
	7248733645				
LOCATION:	Spread F		Entry Date/Time:	9/26/18 9am	
COUNTY:	Monroe		Exit Date/Time:	9/27/18 6pm	
Site Representative	Percy Jones Lead EI Spr	ead F/601-513-	PHOTOS ⊠		
/Phone					
CO-PERMITTEE:	ADDRESS:				
SITE OPERATOR:	Trinity ADDRESS:				
PERMITTED	4311 WEATHER: Sunny/Rain			LAST	
ACREAGE	4311	WEATHEK:	INSPECTION:		
RECEIVING STREAM	AM(S) Hans Creek, Indian Creek				NOV: 2
Regular Mail □ Certified Mail ⊠ Tracking #					
OVERALL FACILITY	Y RATING: Unsatisfact	ory CC	COME Not Immediately Corrected		

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/D N	Not Determined M-Marginal Y-Yes	N-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE	S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS N/		10. RECORDS, REPORTS & PLANS ON SITE	N/I	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE	N/I	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST	U	20. CONDITIONS NOT ALLOWABLE	YES
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED	U	21. SWPPP/ GPP/PERMIT COMPLIANCE	N/D
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION	U	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER	N/I	23. OTHER:	
8. STABILIZATION PRACTICES	N/D	16 DROP INLET PROTECTION	N/A	A 24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

#### **Comments:**

Partial Inspections of MVP Right of Way (ROW) were conducted due to complaints that were received on 9/26/18 and 9/27/18 for the Hans Creek drainage and Indian Creek intersections with MVP.

On 9/26/18 Multiple areas of off-site sediment deposits were observed past the LOD and being deposited in Stream S-H58 adjacent to the ROW. On the day of the inspection there was no rain and Hans creek did not appear to have obvious signs of Sediment Laden Water (SLW) present.

On 9/27/18 SLW was running off the MVP ROW at the CR122 intersection of the MVP ROW creating Conditions not Allowable in Indian Creek. Multiple BMP's were being overwhelmed and SLW was flowing off the ROW and past the LOD and flowing into the drainage that becomes S-A60 (Slate Run). A

spring that flowed into Slate Run was also observed to be transporting SLW. The origination of what was causing the SLW to enter the spring could not be determined at the time of this inspection.

#### **Areas inspected included:**

9/27/18: Station Numbers 9777+00 through 9785+00 at Ellison ridge road (CR 23/9) intersection with MVP pipeline ROW and Station numbers 9648+00 through 9607+00 off Rt. 122 near Indian Creek intersection with MVP ROW.

9/26/18: Station numbers 9915+00 through 9897+00 at Hans Creek ROW stream crossing. A bridge crossing Hans Creek had also recently been installed at the time of this inspection.

Note: Station numbers listed are approximate and may not be accurate due to SWPPP not matching with markers in the field.

#### **Deficiencies:**

- 1.) (1, 6, 13, 14, 19, 20) On 9/27/18 SLW was observed leaving portions of ROW and entering Indian Creek at the CR 23/9 intersection with MVP via roadside culvert and stream S-A60. Near station #9639+00 run-on was entering the ROW and causing erosion and BMP's being overwhelmed. SLW was being transported through portions of Wetland (W-A13) and was observed entering Stream (S-A60) 2.) (1, 6, 13, 19, 20) On 9/27/18 SLW was observed leaving portions of MVP ROW near Station #9417+75. SLW was overwhelming BMP's at several waterbar outlets and being transported off the ROW and past the LOD and impacting several ephemeral streams that drain into Stream S-A60. Adjacent to station numbers 9779+00 and 9778+00 water bar outlets were being overwhelmed and SLW was passing through BMP's and being transported past LOD.
- **3.)** (1, 6, 13, 19, 20) On 9/27/18 SLW was observed coming off hillsides on both sides off ROW at the Ellison Ridge road (CR 23/9) near station number 9783+00 and entering drainage ditches that flowed downhill through culverted stream crossings (S-Z5 and S-Z4). SLW was observed flowing downstream and was impacting a pond in line with stream S-Z4 approximately one-half mile down Ellison ridge road. **4.)** (1, 6, 13, 19) On 9/26/18 Off site sediment deposits in multiple locations were observed from station numbers 9915+00 through 9897+00. Near station number 9911+00 off site sediment deposits had been transported through, under, and around BMP's, and past the LOD at the outlets of several waterbars. Stream S-H58 and TTWV-S-E58 that flows into Hans Creek had been impacted with off-site sediment deposits that flowed past several BMP's above and near station #9891+00 through 9897+00 **5.)** (12) On 9/27/18 At Ellison Ridge road intersection sediment was present on the road from tracking and run-off from the ROW.

	Jasur house			
INSPECTOR:		Jason Liddle	Telephone:	304-859-4399
		_	<del>-</del>	Modified: 10-15-2017 JHH

1 1.10

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W18-32-001-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Hans Creek** in **Monroe** County

Representative: MATTHEW HOOVER Date: 9/26/2018 Time: 8:00am

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D</u>, <u>G</u>. of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

Section G.4.e.2.A.ii.j - Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device. Off-site sediment deposits in multiple locations were observed from station numbers 9915+00 through 9897+00.

Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed that waterbar outlets where not being maintained to limit impacts off the ROW.

<u>Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in Stream S-H58 and TTWV-S-E58 that flow into Hans Creek.</u>

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent Certified Ma	ail70180040000047937075	
	Signature	Title
Joseph Liddle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840

#### STATE OF WEST VIRGINIA **Department of Environmental Protection Environmental Enforcement**

#### NOTICE OF VIOLATION

Violation No W18-32-002-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: Ellison Ridge road CR23/9 and Indian Creek. in Monroe County

Representative: MATTHEW HOOVER Date: 9/27/2018 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) CSR47-2-3 of the Rules and Regulations and/or Section(s) **D**, **G**. of the Permit referenced above promulgated thereunder in that you: Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. **WV0116815, Registration No. WVR310667:** 

Section G.4.e.2.A.ii.j - Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device: At station #9630+00 SLW was entering Stream S-A60. SLW was observed leaving portions of ROW and entering Indian Creek at the CR 23/9, SLW was observed leaving portions of ROW near Station numbers 9417+75, 9779+00 and 9778+00. Impacted areas include Stream S-A60, Stream S-Z4, Stream S-Z5, Wetland W-22 and Indian Creek.

Section G.4.e.2.D.i. - Permittee has failed to inspect and clean all adjacent public and private roads of debris originating from the construction site along CR 23/9 Ellison ridge road.

Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Multiple waterbar outlets were being overwhelmed at the time of inspection.

Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in Stream S-A60, Stream S-Z4, Stream S-Z5, Wetland W-22 and Indian Creek.

Section G.4.e.2.A.ii.f. - Permittee has failed to protect fill slopes.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within 20 days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:

received by.		
Sent Certified Ma	il70180040000047937075	<b>;</b>
	Signature	Title
Jasur Lidelle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project, 9/26/2018, 9/27/18



Area where SLW was leaving site and being intercepted by road side ditch along Route 122.



SLW accumulating and draining towards roadside ditch that intersects with S-A60 along Route122.



Sediment Laden water leaving ROW intercepted by ditch flowing towards Stream (S-A60). Arrow depicts where ditch connects to stream S-A60 and flows under road via culvert.



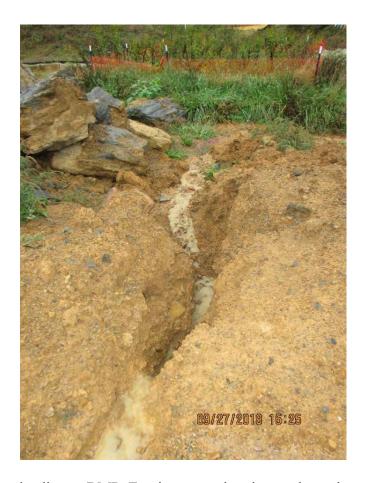
Location where SLW was entering stream S-A60.



Sediment Laden Water observed entering Indian Creek on 9/27/18 via Stream (S-A60).



Overview of slope leading towards Stream (S-A60) near station number 9639+00.



Water bar terminus leading to BMP. Erosion occurring due to channel not being stabilized.



Sediment Laden water passing through/Under BMP.



Lack of fill slope protection causing erosion and sediment laden water to accumulate and overwhelm BMP.



Sediment Laden water leaving project and entering stream (S-A60).



Areas near station number 9417+75 where water bar terminus being overwhelmed with SLW.



Areas near station number 9417+75 where water bar terminus being overwhelmed with SLW.



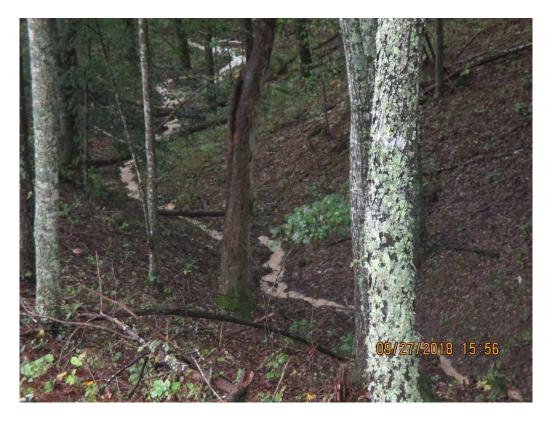
Areas near station number 9417+75 where water bar terminus being overwhelmed with SLW.



SLW flowing past BMP near Station #9417+75



SLW being transported off ROW and past LOD into ephemeral streams near Station #9417+75. Red arrow depicts where ephemeral splits and goes upslope towards spring.



Main stem of ephemeral stream heading towards Stream S-A60 transporting SLW towards and into Indian Creek.



Standing on top of ridge looking down at spring seeping out of hillside transporting SLW. The source of what was impacting this spring/Seep could not be determined.



Spring/seep transporting SLW.



Area above spring/seep where off site sediment deposits were observed past LOD.



ROW near station numbers 9779+00 and 9778+00 where water bar outlets were being overwhelmed and SLW was passing through and under and being transported past LOD.



ROW near station numbers 9779+00 and 9778+00 where water bar outlets were being overwhelmed and SLW was passing through and under and being transported past LOD.



ROW near station numbers 9779+00 and 9778+00 where water bar outlets were being overwhelmed and SLW was passing through and under and being transported past LOD.



ROW near station numbers 9779+00 and 9778+00 where water bar outlets were being overwhelmed and SLW was passing through and under and being transported past LOD.



Off-site sediment deposits near station number 9779+00.



Ephemeral Stream near Station #9778+00 being impacted by SLW and flowing downhill and entering roadside ditch at Ellison ridge road.



Ephemeral stream discharging into roadside ditch along Ellison Ridge Road.



Photo looking down Ellison ridge road towards culverted stream crossings S-Z5 and S-Z4.



Photo depicting SLW flowing through culverted stream crossing and under road through culvert and into stream on other side of Ellison ridge road. Mud also present on road.



Area on south side of Ellison ridge road and ROW near station number 9784+00.



SLW flowing under and through BMP near station number 9784+00.



SLW infiltrating past LOD and seeping into wetland (W-22) and entering stream (S-Z3) near station number 9784+00.



Facing Hans Creek near Station #9907+00. Super Silt fence located next to chain link had failed and sediment deposits were observed migrating towards Hans Creek.



Close up of sediment that has been deposited past BMP.



Area near station number 9907+00. Super silt fence had been undermined and damaged by logs.



Area near station number 9907+00. Super silt fence had been undermined and damaged by logs



Near Station # 9911+00 where BMP was being overwhelmed and off-site sediment deposits were observed.



Off-site sediment deposits near station #9911+00.



BMP near Station #9911+00 being overwhelmed and sediment flowing under and through control. Arrow depicts where SLW was leaving BMP.



Area of ROW near Station #9897+00 looking towards Hans Creek drainage.



Waterbar terminus near being overwhelmed near Station #9899+00.



Off-site sediment deposits near Station number 9899+00.



Off site sediment deposits located past LOD and being transported towards Streams S-H58 and TTWV-S-E58 near Station number 9899+00.



Arrow depicts where BMP was being undermined near Station number 9899+00.



Stream S-H58/TTWV-S-E58 with sediment deposits heading towards Hans creek between Station number 9892+00 through 9899+00.



Stream S-H58/TTWV-S-E58 further downhill walking towards Hans Creek near Station number 9897+00.



BMP at Station number 9908+00 being overwhelmed where off-site sediment deposits were present past the LOD.

### PS Form 3811, July 2015 PSN 7530-02-000-9053 SENDER: COMPLETE THIS SECTION Article Addressed to: Complete items 1, 2, and 3. Attach this card to the back of the mailpiece Print your name and address on the reverse or on the front if space permits. so that we can return the card to you 2016 0000 0400 8107 9590 9402 3080 7124 9853 00 MOUNTAIN VALLEY PIPELINE, LLC Canonsburg, PA 15317 2200 Energy Drive, 2nd Floor Attn: MATTHEW HOOVER Adult Signature Adult Signature Restricted Delivery D. Is delivery address different from item 1? ☐ Yes B. Received by (Printed Name) Collect on Delivery Certified Mail Restricted Delivery Certified Mail® Service Type COMPLETE THIS SECTION ON DELIVERY If YES, enter delivery address below: いっている ail Restricted Delivery Delivery Restricted Delivery Domestic Return Receipt Signature Confirmation Registered Mail<sup>TM</sup> Priority Mail Express® Signature Confirmation<sup>Th</sup> Registered Mail Restricted Delivery Return Receipt for Merchandise Restricted Delivery C. Date of Delivery 10/9/15 ☐ Addressee Agent

9590 9402 3080 7124 9853 00

First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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United States • Sender: Please prin

**Postal Service** 

• Sender: Please print your name, address, and ZIP+4° in this box

WV DEP Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840

# General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project					REG.	#	<b>EXPIRE DATE:</b>		
PERMITTEE	MOUNTAIN VALLEY PIPELINE, LLC					WVR3	310667	5/13/2018		
ADDRESS/PHONE:	Attn: MAT	THEW I	/OOF	VER						Extended:
	625 LIBER	RTY AVE	E, ST	1700						12/31/2018
	PITTSBUF	RG, PA 1	5222							
	724873364	<b>!</b> 5								
LOCATION:	Spread F							Entry	Date/Time:	10/2/18 9am
COUNTY:	Monroe							Exit D	ate/Time:	10/2/18 4pm
Site Representative /Phone	Percy Jone	s Lead El	I Spre	ead F/601-5	513-7	667		PHOT	os 🛮	
CO-PERMITTEE:							ADDRESS:			
SITE OPERATOR:	Trinity						ADDRESS:			
PERMITTED ACREAGE	4311			WEATHI	ER:	Sur	nny	LAST INSPE	CCTION:	
RECEIVING STREAM	M(S) India	n Creek								NOV: 1
Regular Mail 🛘 Ce	rtified Mail		Tra	cking #						
OVERALL FACILITY	RATING:	Unsatis	facto	ry	CON	<b>APLI</b>	ANCE OUTC	OME	Not Immedia	itely Corrected

# PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/l	D Not	<b>Determined M-Marginal Y-Yes</b> I	N-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	N/A	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		N/D	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST	,	N/O	20. CONDITIONS NOT ALLOWABLE	YES
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	N/D
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		U	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER		N/D	23. OTHER:	
8. STABILIZATION PRACTICES	N/D	16 DROP INLET PROTECTION		N/A	24. OTHER:	

# COMMENTS DEFICIENCIES AND RECOMMENDATIONS

# **Comments:**

Partial Inspection of MVP Right of Way (ROW) was conducted due to complaint that was received on 10/1/18 detailing several ponds that were being impacted off the MVP ROW in Monroe county, WV. During the inspection evidence that multiple BMP's had been overwhelmed and SLW had flowed off the ROW and past the LOD was observed. The sediment was being deposited in the larger pond (P-D1) creating Conditions not Allowable near station number 9687+00 on the MVP ROW. Off-site sediment deposits were also observed. On the day of the inspection there was no rain.

# **Areas inspected included:**

Station Numbers 9723+00 through 9676+00 on the MVP.

# **Deficiencies:**

- 1.) (1, 6, 13, 14, 19, 20) Suspended sediment was observed in large pond (P-D1 on SWPPP) near station #9687 off MVP ROW. Near station #9687+00 run-on was entering the ROW from the uphill slope and causing erosion and BMP's to be overwhelmed downslope towards stream and pond. SLW had been transported past LOD, through Stream (S-D29), and failing BMP's that lead to the pond. Multiple BMP's were failing in this location on both sides of Stream S-D29 and sediment deposits were noted past the LOD. Fill slope protection and channel stabilization was lacking in several locations on both sides of the slopes that lead to the stream and pond. This was causing gully erosion to occur along portions of the slopes that lead to BMP's.
- 2.) (1, 6, 13, 19) Waterbar outlets at station #'s 9717+51 and 9724+51 were being overwhelmed and offsite sediment deposits were observed past the LOD in those locations.

	Jasur Kridelle		
INSPECTOR:	Jason Liddle	Telephone:	304-859-4399
			Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA

# Department of Environmental Protection Environmental Enforcement

# NOTICE OF VIOLATION

Violation No W18-32-003-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Station #9687 on ROW** in **Monroe** County

Representative: MATTHEW HOOVER Date: 10/2/2018 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D</u>, <u>G</u>. of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

Section G.4.e.2.A.ii.j - Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device near station #9687. Off site sediment deposits were also observed at station numbers 9717+52 and 9724+51.

Section G.4.e.2.A.ii.f. - Permittee has failed to protect fill slopes and stabilize channels at station #9687. Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed that BMP's were not being maintained to limit impacts off the ROW.

Have violated the following WV Legislative Rules (Requirements Governing Water Quality Standards):

<u>Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in pond (P-D1) and stream (S-D29) at station #9687.</u>

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within  $\underline{20}$  days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by: Sent Certified Ma	.il7018004000004793710	05
	Signature	Title
Janu Lidelle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Pond (P-D1) impacted by visible settleable solids.



ROW near station #9687 where multiple BMP's are failing.



ROW near station #9687 where BMP is failing.



Off site sediment deposits past BMP near station number 9687.



Above mentioned BMP being undercut from run-off.



Gully erosion occurring near Station #9687 and flowing towards Pond (P-D2). BMP pictured was failing and off-site sediment deposits were present past the LOD.



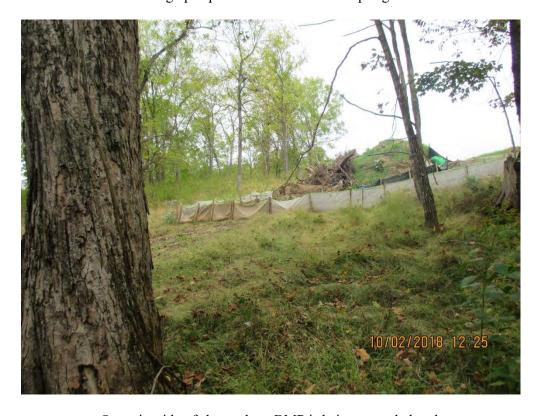
Lack of fill slope protection and channel stabilization enhancing erosion and causing BMP to be overwhelmed at station 9687.



Stream S-D29 leading to Pond P-D1 facing down slope.



Looking upslope at Stream S-D29 and spring box.



Opposite side of slope where BMP is being overwhelmed.



BMP above pond receiving concentrated flow.



Un-stabilized channel flowing towards above mentioned BMP at station #9687.



Lack of fill slope protection on opposite side of pond facing upslope near Station #9687.



Overview of BMP's north of pond and near station # 9687.



Pond (P-D2) near station number 9680.



Edge of Pond (P-D2) near station number 9680.



Sediment laden water infiltrating pond P-D2.



BMP outlet being overwhelmed near station number 9717+52.



Off-site sediment deposits at Station #9717+52.



Waterbar outlet at station #9724+51 failing and off-site sediment deposits observed.

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project, 10/2/18



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# General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipelin	e Project		REG.#	<b>EXPIRE DATE:</b>
PERMITTEE	MOUNTAIN VALLEY	PIPELINE, LLC	WVR310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW HOO	VER			Extended:
	625 LIBERTY AVE, ST	1700			12/31/2018
	PITTSBURG, PA 15222	2			
	7248733645				
LOCATION:	Spread F			Entry Date/Time:	10/3/2018 0830
COUNTY:	Greenbrier/Summers/Mo	onroe	Exit Date/Time:	10/3/2018 1630	
Site Representative	Percy Jones, Lead EI Sp			PHOTOS ⊠	
/Phone	R.J. Ballew, Lead EI, Sp				
	817-999-4523/ Megan N	eylon, MVP/30	4-841-2086		
CO-PERMITTEE:			ADDRESS:		
SITE OPERATOR:	Trinity Energy Services		ADDRESS:	200 Highland Circle	e, Argyle, TX 76226
PERMITTED ACREAGE	4311	WEATHER:	Clear	LAST INSPECTION:	9/24/2018
RECEIVING STREAM	M(S) Tribs of Greenbrie	& Meadow Riv	er		NOV: 1
Regular Mail 🗆 Ce	rtified Mail 🛛 Tr	acking #		_	
OVERALL FACILITY	RATING: Unsatisfact	ory CO	MPLIANCE OUT	COME Not Immedia	tely Corrected

### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/D Not	t Determined M-Marginal Y-Yes I	N-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE	S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	N/A	10. RECORDS, REPORTS & PLANS ON SITE	S	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE	S	19. SEDIMENT LADEN WATER LEAVING SITE	No
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST	No	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED	S	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION	S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER	S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION	N/A	24. OTHER:	

# COMMENTS DEFICIENCIES AND RECOMMENDATIONS

- Locations inspected were: Kellers Creek (station 9127), Lindside Methodist Church (station 10116+49), Back Valley Road (station 10146+32), Painter's Run Road (station 10270) and access road 231.01.
- 6.- Painter's Run Road (station 10270)-maintenance crews had left after performing maintenance on sumps. An unacceptable amount of sediment was left in several sumps (photos 1-3)
- 13. Lindside Methodist Church (station 10116+49) continues to be an area of concern. Progress has been made with removal of matting and creation of bridge, as well as establishing a channel for run on water (photos 4 & 5). However, run on water lacks an established channel through site (photos 6 & 7). Per Megan Neylon, this area is waiting on approval for application of herbicide on topsoil vegetation prior to spreading and establishing permanent stabilization.
- The following locations were visited. No issues were observed.
  - Keller's Creek (station 9127)- location of equipment roll-over into creek. Clean-up and stabilization completed (photos 8 & 9)
  - Back Valley Road (station 10146+32)- Trenching/ditching has not begun in this area (photo 10)
  - Access Road 231.01- location of NOV# W18-52-009-CP. Controls have been fixed and affected stream is clear. NOV has been abated and returned to compliance (photos 11 & 12)

	Chisty Steenbarger		
INSPECTOR:	Christy Pitsenbarger	Telephone:	304-816-2453

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

# NOTICE OF VIOLATION

Violation No W18-52-012-CP

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Spread F** in **Greenbrier/Summers/Monroe** County

Representative: MATTHEW HOOVER Date: 10/3/2018 Time: 0830

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) <u>G.</u> of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

• Section D.1. - Permittee has failed to properly operate and maintain all systems of treatment and controlsunacceptable amount of sediment was left in sumps after maintenance was performed at Painters Run Road station 10270.

The following corrective measures were discussed with you at the time of this inspection: <u>Take measures to correct the aforementioned violations.</u>

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:  Sent Certified Ma	nil7018229000008344513	5
	Signature	Title
Christy Petserbarger		
Duly Authorized Agent /	304-816-2453	Christy.e.pitsenbarger@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Photo 1: Sump after maintenance performed at Painter's Run Station 10270.



Photo 2: Unacceptable amount of sediment in sumps after maintenance performed at Painter's Run station 10270.



Photo 3: Front of control on right in Photo 2 after maintenance performed at Painter's Run station 10270.



Photo 4: Lindside Methodist Church station 10116+49- established channel for run-on created.



Photo 5: Bridge installed in established area of concern at Lindside Methodist Church station 10116+49.



Photo 6: Run on water lacks an established channel through site at Lindside Methodist Church station 10116+49.



Photo 7: Run on water lacks established channel through site at Lindside Methodist Church station 10116+49.



Photo 8: Location of equipment roll-over into Keller's Creek station 9127 with clean-up completed.



Photo 9: Location of equipment roll-over into Keller's Creek station 9127 with clean-up completed.



Photo 10: Back Valley Road station 10146+32- trenching/ditching has not started.



Photo 11: Repairs made to location of failure at Access Road 231.01 abating NOV# W18-52-009.



Photo 12: UNT of Painter's Run clear after repairs made. Abates NOV# W18-52-009.

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11/27/2018, 10:51 AM

# General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipelin	ne Project	REG. #	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN VALLEY	PIPELINE, LLO	WVR310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW HOO	VER			Extended:
	625 LIBERTY AVE, ST	Γ 1700			12/31/2018
	PITTSBURG, PA 1522	2			
	7248733645				
LOCATION:	Spread F			Entry Date/Time:	10/10/2018 0830
COUNTY:	Greenbrier/Summers/M	onroe	Exit Date/Time:	10/10/2018 1730	
Site Representative	Percy Jones, Lead EI Sp		PHOTOS ⊠		
/Phone	R.J. Ballew, Lead EI, Sp				
	817-999-4523/ Matt Ste	tter, Tetra Tech	814-229-9970		
CO-PERMITTEE:			ADDRESS:		
SITE OPERATOR:	Trinity Energy Services		ADDRESS:	200 Highland Circle	e, Argyle, TX 76226
PERMITTED ACREAGE	4311	WEATHER:	Rain	LAST INSPECTION:	10/3/2018
RECEIVING STREAM	M(S) Tribs of Greenbrie	r & Meadow Riv	ver .		NOV: 1
Regular Mail 🗆 Ce	rtified Mail 🛛 Tr	acking #			
OVERALL FACILITY	RATING: Unsatisfact	ory CO	MPLIANCE OUT	COME Not Immedia	tely Corrected

### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/D No	t Determined M-Marginal Y-Yes I	N-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE	S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	N/A	10. RECORDS, REPORTS & PLANS ON SITE	s	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE	s	19. SEDIMENT LADEN WATER LEAVING SITE	Yes
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST	Yes	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED	s	21. SWPPP/ GPP/PERMIT COMPLIANCE	U
6. OPERATIONS & MAINTENANCE	S	14. FILL SLOPE PROTECTION	S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER	S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION	N/A	24. OTHER:	

# COMMENTS DEFICIENCIES AND RECOMMENDATIONS

Locations inspected: Lowell Road crossing station 9087, Keller's Creek crossing station 9127, access road (AR) 210, Creamery Road station 9217, Wayside/Talcott station 9466, Slate Run station 9624, AR 224 to right of way (ROW) station 9850+50, Lindside Methodist Church station 10116 and Painter's Run Road crossing station 10270 with the following updates/issues.

- 12. & 19. AR 210 (photos 1-3) and Painters Run Road station 10270 (photos 4-6) had mud on roadway which was causing sediment laden water to leave site.
- Lowell Road station 9087 continues to serve as laydown/construction yard. Pipe laying and tie in is progressing south (going away) of this location. Minimal preparation for crossing Greenbrier River has occurred (just north of this location) (photos 7-8)
- Kellers Creek station 9127- location of equipment roll over several weeks ago. Area has been roughly graded and is awaiting finish grading and restoration (photo 9)
- Wayside/Talcott station 9466- rough grade completed. Awaiting final grade and restoration. Awaiting final decision on how much will be restored vs winter stabilized due to tie in required in wetland area and wetland/stream stay of USACE permits (photos 10-11).

- Slate Run station 9624- area has been restored. Healthy growth of grass was observed in past inspections. Army worms have attacked grass, which appears dead. Per Lead EI Percy Jones, awaiting permission to use insecticide to treat for worms, then will re-seed. (photos 12-14)
- Access Road 224 to ROW station 9850+50- historical release of sediment laden water. Armored diversion ditch created across ROW, sump size increased, and additional controls added to outlet of sump. Controls installed appear adequate based on lack of sediment laden water release (photos 15-16)
- Lindside Methodist Church station 10116- Established channel for run on and associated controls were in good condition. Sediment laden water was released from culvert running under church but unable to determine source. Some sediment was observed in drop inlets and on parking lot from historical release of sediment laden water into church. Inlet from DOH culvert and culvert at end of MVP controls were clear (photos 17-19).
- Painter's Run Road station 10270- location of NOV# W18-52-012-CP issued 10/3/2018 for lack of maintenance on sumps (photos 20). Sumps had been cleaned out and appeared to be working well. Receiving stream, both sections of Painters Run, was clears (photo 21-22) NOV# 18-52-012-CP has been abated and returned to compliance.

	Chio	y Pitserbarge		
INSPECTOR:	Christy Pitsenbarger		Telephone:	304-816-2453
			-	Modified: 10-15-2017 IHH

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# STATE OF WEST VIRGINIA **Department of Environmental Protection Environmental Enforcement**

# NOTICE OF VIOLATION

Violation No W18-52-013-CP

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Spread E** in **Nicholas/Greenbrier/Fayette** County

Representative: MATTHEW HOOVER Date: 10/10/2018 Time: 0830

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) G. of the Permit referenced above promulgated thereunder in that you: Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No.

WV0116815, Registration No. WVR310667:

- Section G.4.e.2.A.ii.j Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device at AR 210 and Painter's Run Road station 10270.
- Section G.4.e.2.D.i. Permittee has failed to inspect and clean all adjacent public and private roads of debris originating from the construction site at AR 210 and Painter's Run Road station 10270.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within 20 days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent Certified Mail70182290000083445135		
Signature		Title
Chisty Steebarger		
Duly Authorized Agent /	304-816-2453	Christy.e.pitsenbarger@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Photo 1: AR 210- sediment laden water leaving site.



Photo 2: AR 210-sediment laden water leaving site entering county road- up gradient view.



Photo 3: AR 210 sediment laden water crossing county road-down gradient view.



Photo 4: Painter's Run Road station 10270 at access road crossing.



Photo 5: Painter's Run Road station 10270 upgradient of access road crossing.



Photo 6: Painter's Run Road station 10270 down gradient of access road crossing.



Photo 7: Lowell Road station 9087 laydown yard.





Photo 9: Keller's Creek road station 9127 with rough grade completed awaiting final grade and restoration.



Photo 10: Wayside/Talcott station 9466 with rough grading completed awaiting final grade and restoration.



Photo 11: Wayside/Talcott station 9466 with matting indication end of pipe awaiting USACE permission for tie in.



Photo 12: Slate Run station 9624 hill was green several weeks prior to attack of army worm.



Photo 13: Slate Run station 9624 close-up of root system and remains of vegetation.



Photo 14: Army worm at Slate Run station 9624.



Photo 15: AR 224 at ROW station 9850+50 with diversion ditch across ROW.



Photo 16: AR 224- sump at end of diversion ditch across ROW station 9850+50 and down slope/outlet of sump.



Photo 17: Lindside Methodist Church station 10116 with workers performing maintenance on controls below bridge.



Photo 18: Established diversion for run-on from farmer's pond at Lindside Methodist Church station 10116.



Photo 19: Culvert on west side of Lindside Methodist Church station 10116- unable to determine location of sediment.



Photo 20: Painter's Run Road station 10270- maintenance performed abating NOV# W18-52-012-CP.



Photo 21: Painters Run after outlet of controls at Painters Run station 10270.



Photo 23: Painters Run after outlet of controls at Painters Run station 10270.

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# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipeline Project						#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN	VALLEY P	PIPELINE, LI	LC		WVR3	310667	12/31/2018	
ADDRESS/PHONE:	Attn: MATTH	HEW HOOV	'ER						
	2200 ENERG	Y DRIVE, 4	4TH FL						
	CANONSBU	RG, PA 153	17						
	7248733645								
LOCATION:	CANONSBUI	RG, CANO	NSBURG			Entry	<b>Date/Time:</b>	10/25/18 9:54am	
COUNTY:	Wetzel					Exit D	ate/Time:	10/25/18 3:31pm	
Site Representative	Travis Huskins - LEI Spread A						PHOTOS ⊠		
/Phone									
CO-PERMITTEE:					ADDRESS:				
SITE OPERATOR:	Precision Pipe	eline			ADDRESS:				
PERMITTED	4495		WEATHER	Cl	LAST			9/19/18	
ACREAGE	4495 WEATHER: Clear						CTION:	9/19/10	
RECEIVING STREAM	RECEIVING STREAM(S) Multiple>Mobley Run> Ohio River							NOV: 0	
Regular Mail 🛘 Ce	rtified Mail 🏻	Trac	cking #						
OVERALL FACILITY RATING: Unsatisfactory COMPLIAN					IANCE OUT	CE OUTCOME Not Immediately Corrected			

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A-	Not Applicable N/O-Not Observed	N/	D No	t Determined M-Marginal Y-Yes	N-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	U	10. RECORDS, REPORTS & PLANS ON SITE		S	18. PUBLIC NOTICE SIGN	s
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	N/A
5. WASTE/BORROW SITES	S	13. APPROPRIATE BMP'S IMPLEMENTED		S	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	U	15. DEVICES INSTALLED IN TIMELY MANNER		S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		S	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

Partial inspection conducted with Matthew Hoover and Travis Huskins of Spread A through Wetzel County. All deficiencies were relayed in the field at the time of inspection. Spread A was being rough graded and seeded to winterize the project by late November.

#### UNT to Mobley Run 39.561766 -80.540136

(1)Slope had been restored since previous inspection where sediment had left the site and entered nearby stream. There was sediment build up near the silt sock close to the stream. There was no evidence that sediment had left the site through the control. Contractors replaced the silt sock during the inspection.

#### 39.53442, -80.54177 Fallen Timber Road and Richwood Run

Contractor were seeding via helicopter from the Mobley station kickoff to Fallen Timber Road. No difficencies were noted.

#### Sams Run 39.474390 -80.511876

(1,6,7) Slip was reported to the spill hotline September 2018. Permit holders have applied for a FERC variance to fix off ROW. Sediment had been removed from Sams Run with a vacuum truck. Controls have been installed and no sediment had left the site. The slope N of the road crossing had a damage waterbar from the pipe. The sump at the terminus of the waterbar was overwhelmed by sediment and not functional. Contractors cleaned the sumps using a vacuum truck during inspection.

#### 39.4586, -80.50088 Access 18 to Manion Run Road

(2,6,19) Two slips at Station 489 and 493 had entered the ditchline from a sideslope allowing sediment to leave the project ROW. Permit holders have applied for a FERC variance to removed sediment off ROW. There was no waterbody impact. 2 sumps near 39.46178, -80.50319 at the top of slope were nearly at capacity (station 486) and were in need of maintenance.

WARNINGS: Immediately take all measures necessary to comply with all terms and conditions of the WV/NPDES general permit.

• (1,6)Clean out sumps at the terminus of Waterbars near Sams Run and Marion Run

	Ruan Dague		304-238-1220
INSPECTOR:	Ryan Dague	Telephone:	ext. 3512
		<u> </u>	Modified: 10-15-2017 IHH

## STATE OF WEST VIRGINIA Department of Environmental Protection

### Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No <u>W18-52-033-RDD</u>

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC
Located at or near: FOLSOM, WEST VIRGINIA in Wetzel County

Representative: MATTHEW HOOVER Date: 10/25/18 Time: 3:31pm

Address / phone number: 2200 ENERGY DRIVE, 4TH FL, CANONSBURG, PA 15317 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) of the Permit referenced above promulgated thereunder in that you:

Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:

- Section G.4.e.2.A.ii.j Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device at Station 489 and 493.
- Section D.1. Permittee has failed to properly operate and maintain all systems of treatment and controlsstabilized diversion ditch near Mainion Run, perimeter controls near Sams run crossing, and waterbars and associated sumps near Sams Run.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

- Install necessary erosion control devices to prevent the release of sediment-laden water from the site.
- Properly maintain stabilized ditch line near Manion Run and perimeter controls and Waterbars near Sams Run.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:  Sent Certified M	ail70182290000083445197	
	Signature	Title
Duly Authorized Agent / Inspector	304-238-1220 ext. 3512	Ryan.d.dague@wv.gov
-	Telephone	E-mail

#### Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 131 Peninsula St Wheeling, WV 26003



North Fork Road Crossing. Slope has been hydroseeded.



Wetland near 39.55401, -80.54555 has controls in place.



UNT to Mobley Run Slope had been restored since previous inspection where sediment had left the site and entered nearby stream.



UNT of Mobley Run - There was sediment build up near the silt sock close to the stream. Contractors replaced the silt sock during the inspection.



UNT to Mobley Run Waterbars had been reworked since last inspection.



Fallen Timber crossing has been hydroseeded.



Overwhelmed sump near Sams Run.





Damaged waterbar directly N of Sams Run.



Sams Run Road re-graveled since last inspection.



Slip off Sams Run with controls in place.



Contractors cleaning out sump near stating area off Sams Run Road.



ROW near acess road 18.



Slip at Station 489 entered the ditchline from a sideslope allowing sediment to leave the project ROW.



Slip at station 493 had entered the ditchline from a sideslope allowing sediment to leave the project ROW.



Sump at Station 286 in need of maintenance.



Sump at Station 290 in need of maintenance.

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November 7, 2018 at 1:34 pm Delivered, Left with Individual CANONSBURG, PA 15317

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# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipeline Project						#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAI	N VALLEY	PIPELINE,	LLC		WVR3	310667	5/13/2018	
ADDRESS/PHONE:	Attn: MAT	THEW HOC	VER					Extended:	
	2200 Energy	y Drive, 2 <sup>nd</sup>	Floor					12/31/2018	
	Canonsburg	g, PA 15317							
	7248733009	9							
LOCATION:	Spread C					Entry	Date/Time:	11/27/2018 0845	
COUNTY:	Braxton/We	ebster				Exit D	ate/Time:	11/27/2018 1200	
Site Representative	Andy Pauley, EI MVP						PHOTOS ⊠		
/Phone									
CO-PERMITTEE:					ADDRESS:				
SITE OPERATOR:	Precision Pi	ipeline LLC			ADDRESS:	3314	4 56 <sup>th</sup> Street, Ea	u Claire, WI 54703	
PERMITTED	4311		WEATHI	R. C	loudy/Snow	LAST		9/25/2018	
ACREAGE						INSPECTION:			
RECEIVING STREAM	<b>RECEIVING STREAM(S)</b> Tribs of Little Kanawha River of				& Holly River			NOV: 1	
Regular Mail □ Certified Mail 図 Tracking #									
OVERALL FACILITY RATING: Unsatisfactory				COMPLIANCE OUTCOM			Not Immedia	tely Corrected	

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N	/D Not	Determined M-Marginal Y-Yes N	N-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	N/A	10. RECORDS, REPORTS & PLANS ON SITE		S	18. PUBLIC NOTICE SIGN	s
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	Yes
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		No	20. CONDITIONS NOT ALLOWABLE	Yes
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	s	14. FILL SLOPE PROTECTION		S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	N/D	15. DEVICES INSTALLED IN TIMELY MANNER		S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

Partial inspection conducted in response to slip notification and follow-up on NOV# W18-52-010-CP issued at last inspection.

- Near station 3634 at intersection of Pigeon Roost Ridge and Left Fork Knawl's Creek associated with NOV# W18-52-010-CP has been addressed and NOV abated. Additional controls installed allowing adequate filtering and preventing release of sediment laden water. (photos 1-3)
- 13, 19, & 20.- Reported slip occurred at GPS coordinates 38.821196N, 80.529325W. Due to conditions, was unable to visit exact location. Permanent repair plans submitted to WV DEP Permitting and will begin once weather permits. EI Andy Pauley provided photos with 11/26/2018 date stamp of temporary repairs (photos 4-5). Additional controls added at beginning of UNT of Knawl's Creek (photo 6). Sediment laden water was observed entering Knawl's Creek at convergence of UNT of Knawl's Creek down gradient of slip area (photos 7-8). Jason Hiles, Lead EI, called stating more rows of Siltron brand fencing in receiving stream and provided photos taken 11/29/2018 of clear release water at convergence into Knawl's Creek (photos 9-10).

INSPECTOR: Christy Pitsenbarger Telephone: 304-816-2453

Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No <u>W18-52-014-CP</u>

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: **Spread C** in **Braxton/Webster** County

Representative: MATTHEW HOOVER Date: 11/27/2018 Time: 0845

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>47CSR2 3.2a</u> of the Rules and Regulations and/or Section(s) of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

- Section G.4.e.2. Permittee has failed to properly implement controls sufficient to prevent release of sediment laden water into Knawl's Creek.
- Section G.4.e.2.A.ii.j Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device entering Knawl's Creek.

Have violated the following WV Legislative Rules (Requirements Governing Water Quality Standards): Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in Knawl's Creek.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent	Certified Mail7018229000	0083445548
	Signature	Title
Christy Streebarger		
Duly Authorized Agent /	304-816-2453	Christy.e.pitsenbarger@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Photo 1: Near station 3634 location of NOV# W18-52-010-CP- additional controls added.



Photo 2: Clear water release from additional controls near station 3634 abating NOV# W18-52-010-CP.



Photo 3: Downstream view of Knawl's Creek at location of convergence of UNT.



Photo 4: Temporary repairs installed prior to permanent repairs at reported slip. Photo supplied by EI Andy Pauley.



Photo 5: Temporary repairs installed prior to permanent repairs at reported slip. Photo supplied by EI Andy Pauley.



Photo 6: Receiving stream (UNT of Knawl's Creek) below release of slip with additional controls. Photo supplied by EI Andy Pauley.



Photo 7: Convergence of UNT of Knawl's Creek into Knawl's Creek below release point (in photo 6)



Photo 8: Slightly downstream of convergence point into Knawl's Creek below release point.



Photo 9: Convergence of UNT of Knawl's Creek into Knawl's Creek after additional Siltron fencing installed. Photo provided by Jason Hiles, Lead EI taken 11/29/2018.



Photo 10: Slightly downstream of convergence point into Knawl's Creek after additional controls added. Photo provided by Jason Hiles, Lead EI taken 11/29/2018.

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

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## WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mou	ıntain <sup>v</sup>	Valley Pi	peline	e Project				REG.	#	EXPIRE DATE:
PERMITTEE	MO	UNTA	IN VAL	LEY I	PIPELINE,	, LLC	1		WVR3	310667	12/31/2018
ADDRESS/PHONE:	Attn	: MAT	THEW I	YOOH	VER						
	625	LIBER	TY AVI	E, ST	1700						
	PIT	<b>TSBUF</b>	RG, PA 1	5222							
	(724	1)873-3	645								
LOCATION:	US 50							Entry Date/Time: 11/30/2018 @ 14:30			
COUNTY:	Harrison								Exit D	ate/Time:	11/30/2018 @ 15:50
Site Representative /Phone	Trav	is Hus	kins / (42	23)93	0-0422				PHOT	os 🛮	
CO-PERMITTEE:								ADDRESS:			
SITE OPERATOR:	Prec	ision P	ipeline					ADDRESS:	3314 56th Street; Eau Claire, WI 54703		
PERMITTED ACREAGE	4311 WEATHER: Cloudy				udy	LAST N/D INSPECTION:					
RECEIVING STREAM(S) Indian Run / Cherrycamp Run  NOV: W 113-TJC							NOV: W18-17- 113-TJC				
Regular Mail 🗆 Ce	rtified	l Mail		Tra	cking#						
OVERALL FACILITY	RAT	ING:	Unsati	sfacto	ory	CON	MPLL	ANCE OUTC	COME	Not Immedia	ntely Corrected

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	<b>N</b> /l	D Not	Determined M-Marginal Y-Yes N	N-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE		S	N/A	
2. DIVERSIONS/DITCH CHECKS	S	10. RECORDS, REPORTS & PLANS ON SITE		N/O	18. PUBLIC NOTICE SIGN	S
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		U	19. SEDIMENT LADEN WATER LEAVING SITE	S
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		U	20. CONDITIONS NOT ALLOWABLE	S
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		S	21. SWPPP/ GPP/PERMIT COMPLIANCE	U
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER	S 23. OTHER:			N/A
8. STABILIZATION PRACTICES	U	16 DROP INLET PROTECTION		N/A	24. OTHER:	N/A

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

#### **COMMENTS:**

A partial inspection of spread A was conducted as a result of three citizen complaints. Areas inspected include:

- 1). Access Road WV-HA 31.1 off CR 50/4.
- 2). Access Road WV-HA 29.03 off CR 5/13.
- 3). Access Road WV-HA 29.04 off CR 50/5.
- 4). Access Road WV-HA 29.5 off CR 50/5.

S. P.

#### **DEFICIENCIES:**

1). (6, 8, 11, 12 & 21) Access Roads WV-HA – 31.1 off CR 50/4, WV-HA-29.04 off CR 50/5 and WV-HA-29.5 off CR 50/5 lacked a stable construction entrance and track out was noted on the adjacent public roadways as a result. The responsible party was making an attempt to clean track out debris from CR 50/5 at the time of inspection, however a film of sediment that originated from the site covered the road.

INSPECTOR:	Tim Casto	Telephone:	(304)288-6219
			Modified: 10/13/2017 IHH

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W18-17-113-TJC							
To the Operator or Agent of:							
Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667							
Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC							
Located at or near: Marshville in Harrison County							
Representative: MATTHEW HOOVER Date: 11/30/2018 Time: 14:30							
Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / (724)873-3645							
Whereas, an inspection of the above named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) of the Permit referenced above promulgated thereunder in that you:  Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No.  WV0116815, Registration No. WVR310667:  1. Section G.4.e.1.E.: Permittee has failed to provide an adequate stone access entrance/exit to reduce the tracking of sediment onto the public or private roads. Access Roads WV-HA – 31.1 off CR 50/4, WV-HA-29.04 off CR 50/5 and WV-HA-29.5 off CR 50/5 lacked a stable construction entrance and track out was noted on the adjacent public roadways as a result.  2. Section G.4.e.2.D.i.: Permittee has failed to inspect and clean all adjacent public and private roads of debris originating from the construction site. The responsible party was making an attempt to clean track out debris from CR 50/5 at the time of inspection, however a film of sediment that originated from the site covered the road.							
The following corrective measures were discussed with you at the time Take measures to correct the aforementioned violations.	of this inspection:						
Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.							
Received by: Sent Certified Mail7018229000083447436							
Signature Title							
Duly Authorized Agent / (304)288-6219	tim.j.casto@wv.gov						
Inspector Telephone	E-mail						
Send Response to the Inspector at the address indicated below:							

WV Department of Environmental Protection

Environmental Enforcement / WW

2031 Pleasant Valley Road; Fairmont, WV 26554

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project – Spread A, 11/30/2018





Access Road WV-HA – 31.1 off CR 50/4 showing the lack of an adequately stable construction entrance and the associated track out onto the public road.

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project – Spread A, 11/30/2018





Access Road WV-HA - 29.04 off CR 50/5 showing the lack of an adequately stable construction entrance and the associated track out onto the public road.





Access Road WV-HA - 29.5 off CR 50/5 showing the lack of an adequately stable construction entrance and the associated track out onto the public road.

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1 of 3

## WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project					REG.	#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN VALLEY PIPELINE, LLC						310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW HOOVER							Extended:	
	625 LIBERTY AVE, ST 1700							12/31/2018	
	PITTSBURG, I	PA 15222							
	7248733645								
LOCATION:	Spread F and C	Contractor Y	Yard			Entry	<b>Date/Time:</b>	02/06/19 9:00am	
COUNTY:	Summers/Monr	Summers/Monroe/Raleigh					oate/Time:	02/06/19 3:00pm	
Site Representative	Percy Jones Lead EI					PHOTOS ⊠			
/Phone	-								
CO-PERMITTEE:					ADDRESS:				
SITE OPERATOR:					ADDRESS:				
PERMITTED	4311 WEATHER: Rain/cloudy					LAST			
ACREAGE						INSPE	CCTION:		
RECEIVING STREAM(S) UNT of Brammer Branch								NOV: 1	
Regular Mail □ Certified Mail □ Tracking #									
OVERALL FACILITY	OVERALL FACILITY RATING: Unsatisfactory COMPLIANCE OUTC					COME	COME Not Immediately Corrected		

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N/	/D Not	Determined M-Marginal Y-Yes	N-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	S	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	YES
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		S	21. SWPPP/ GPP/PERMIT COMPLIANCE	U
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	S	15. DEVICES INSTALLED IN TIMELY MANNER		U	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

#### **Comments:**

A partial inspection of MVP Right of Way (ROW) and MVP contractor yard was conducted for Spread F on 2/6/19 in Summers, Monroe, and Raleigh counties, WV. On the day of this inspection light rain was occurring. MVP ROW had been temporarily stabilized with a combination of hydro seeding and aerial seed pellets. Inspector walked from access road 201 to access road 202 along MVP ROW. Access Road 202 had not been developed and no traffic from MVP was occurring on this road. Several locations on the ROW showed signs of erosion rills forming between waterbars. Several waterbars had tree limbs that had fallen into the sump outlets on top of installed controls near station #8801+00. At station number 8809+20 a waterbar had not been installed on the slope. Evidence of erosion between the upper and lower waterbars at this location was not present during this inspection. At station number 8816+00 a temporary diversion was required. At the time of inspection super silt fence had been installed at the toe of slope and needed to be extended to connect to a section of Priority one silt fence that had been installed to meet the

requirements of the approved SWPPP. One quarter inch of rain had fallen at the MVP contractor yard. A drainage ditch/conveyance in the parking lot that has a wetland resource delineated in it was being impacted with SLW. The SLW was traveling downslope through the yard, traveling though several culverts, under the road entering the yard and exiting via culvert. The drainage was being intercepted with multiple layers of controls slightly upslope of an UNT of Brammer Branch. Controls that were in place at the time of inspection were being overwhelmed with the SLW. SLW was traveling around, under and through the controls and entering the UNT of Brammer Branch. The UNT was running clear above where the SLW was entering this stream and distinctly visible settable solids were present where the conveyance entering the Unnamed tributary.

#### **Areas inspected included:**

- Access Road 201 at station number 8731+47 to Access Road 202 at station number 8822+00.
- Streams S-CV15 and S-CV16 along access road 202.
- ATWS 304A at station number 8776+03
- MVP ROW crossing at CR 6/2 Boone Hollow at station number 8966+00
- MVP ROW crossing at stream S-K14
- West Clayton Road ROW crossing at station number 8986+00 at Access Road MVP- MLV-AR-20
- MVP contractor yard in off Airport Road in Beaver, WV.

#### **Deficiencies:**

- 1. (6, 19, 20) Contractor Yard: Conditions Not allowable, Operation and Maintenance, SLW leaving the site without going through an appropriate device. Sediment laden water was observed entering an UNT of Brammer Branch.
- 2. (15, 21) Station #8816+00: BMP's in approved SWPPP not implemented

	Janu Lidelle			
INSPECTOR:		Jason Liddle	Telephone:	304-859-4399
			<u> </u>	Modified: 10-15-2017 JHH

#### STATE OF WEST VIRGINIA

# Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W19-32-002-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: **MOUNTAIN VALLEY PIPELINE, LLC** 

Located at or near: MVP Yard and Station#8816+00 on MVP ROW in Raleigh/Summers County

Representative: MATTHEW HOOVER Date: 2/6/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D</u>, <u>G</u>. of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

<u>Section G.4.e.2.A.ii.j - Permittee has failed to prevent sediment-laden water from leaving the site without going through an appropriate device at the MVP contractor yard in Beaver, WV. Sediment laden water was entering an UNT of Brammer Branch.</u>

<u>Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed that BMP's were not being maintained in and along a drainage ditch that flowed through the yard and terminated upslope of the UNT of Brammer Branch causing Conditions Not Allowable.</u>

Section G.4. - Permittee has failed to comply with the General Permit and approved Storm Water Pollution Prevention Plan (SWPPP). Erosion control devices near station number 8816+00 are not in place as detailed by the SWPPP.

Have violated the following WV Legislative Rules (Requirements Governing Water Quality Standards): Title 47, Series 2, Section 3.2.a.- Responsible party has caused conditions not allowable in waters of the State by allowing distinctly visible settleable solids in an UNT of Brammer Branch.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent Certified Ma	ail70181830000138141680	
	Signature	Title
Janu Lidelle	-	
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

**Send Response to the Inspector at the address indicated below:** 

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Access Road #202 heading towards MVP ROW.



Stream Crossing S-CV15.



Facing North at ATWS 304A at Station #8776+03



Facing North at ATWS 304A at Station #8776+03



Facing South at ROW from ATWS 304A at Station #8776+03



Aerial Pellets present on MVP ROW. Typical coverage observed during inspection.



Facing West towards water bar terminus at station #8780+00. Rill erosion occurring between waterbars.



Waterbar termini at station #8780+00 facing South. Rill erosion occurring between controls.



Waterbar termini at station #8780+00 facing South. Evidence of concentrated flow due to absence of vegetation past LOD.



Low lying saturated area in ROW at station #8784+00.



MVP ROW facing South at station number 8795+00. Waterbars in place per SWPPP.



Waterbar outlet at station number 8795+00 with tree limbs present due to past ice storm.



Facing North on MVP ROW back at storm damage near station number 8801+00.



Facing South on MVP ROW at station number 8808+62.



Standing at station 8809+20. Per SWPPP waterbar to be installed and not present.



Standing at station number 8811+00. Aerial Seed Pellet coverage.



Facing South at MVP ROW and Access Road 202 at station #8816+00.



Waterbar outlet at station number 8816+00.



Waterbar outlet at station number 8816+00.



Waterbar outlets depicted with arrows near station number 8816+00. Area where temporary water diversion wasn't completely installed per SWPPP depicted with red line.



Boom Hallow Road (CR 6/2) Crossing near station number 8966+00 facing North at MVP ROW.



Facing North at MVP ROW near station 8966+00.



North of station #8966+00 looking at East side of MVP ROW.



Small slip on side slope near station number 8966+00.



View of Stream S-K14 at station #8952+00 facing North.



Stream S-K14 facing upstream (West).



Stream S-K14 facing downstream (East).



View of MVP ROW facing South at Access Road MVP-MLV-AR-20 near station #8986+00.



North side of ROW pipe slope drain outlet into rock lined channel on west side of slope.



Rock lined channel facing North on West side of slope heading towards Stream S-KL29.



Pipe slope drain in background and rock lined channel terminating into large sump.



Culvert downslope of large sump transporting runoff under access road MVP-MLV-AR-20 near station #8986+00



Culvert output on opposite side of access road conveying run-off through multiple controls near station #8986+00



Super silt fence at end of controls near station #8986+00 Water running clear at time of inspection.



MVP contractor yard facing West towards drainage ditch and entrance.



Facing West towards entrance and wetland located in ditch.



View facing towards wetland in drainage ditch. Sediment laden water (SLW) present in ditch and wetland.



End of wetland. SLW conveying towards culvert.



Rock check in ditch with SLW present draining towards culvert.



View of drainage ditch and wetland facing upslope (west).



View of ditch facing west (upslope) towards culvert and wetland.



View facing towards culvert outflow and MVP yard entrance.



Culvert outflow into multiple controls with SLW present.



Controls downstream of culvert. SLW present going around controls.



SLW flowing past controls and downslope to UNT of Brammer Branch. Backside of silt fence fallen over.



SLW flowing downslope towards UNT of Brammer Branch.



SLW flowing downslope towards UNT of Brammer Branch facing towards failing controls



SLW flowing towards and entering UNT of Brammer Branch.



SLW entering UNT of Brammer Branch. Stream clear above this location.



SLW entering UNT of Brammer Br. And traveling downstream towards larger culvert conveying under MVP construction yard entrance.



View facing Southeast towards UNT of Brammer Br. SLW present flowing from controls and into creek.



View of UNT above location that SLW was entering creek.



UNT of Brammer Branch downstream of culvert that conveys under MVP construction yard entrance.

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project, 2/6/19

MOUNTAIN VALLEY PIPELINE, LLC, WVR310667, Mountain Valley Pipeline Project, 2/6/19



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Environmental Enforcement Mining & Reclamation 1159 Nick Rahall Greenway FEB 2 7 2019 Fayetteville, WV 25840

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#### General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

FACILITY NAME:	Mountain Valley Pipeline Project				REG.	#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN VALLEY PIPELINE, LLC				WVR	310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW	VOOH	VER					Extended:
	625 LIBERTY AVE, ST 1700							12/31/2018
	PITTSBURG, PA 15222							
	7248733645							
LOCATION:	Spread D				Entry	Date/Time:	02/11/19 7:30am	
COUNTY:	Nicholas				Exit I	Date/Time:	02/11/19 3:00pm	
Site Representative	Kala Shay				РНОТ	PHOTOS ⊠		
/Phone	·							
CO-PERMITTEE:	ADDRESS:				:			
SITE OPERATOR:	ADDRESS:							
PERMITTED	4311		WEATHER: Clo		Cloudy/Rain	LAST		11/20/18
ACREAGE	7,311	WEATHER: Cloudy/Rain			INSPI	ECTION:	11/20/10	
RECEIVING STREAM(S) Gauley River							NOV: 1	
Regular Mail □ Certified Mail □ Tracking #								
OVERALL FACILITY	RATING: Unsati	sfacto	ry	COM	PLIANCE OUT	COME	Not Immedia	ately Corrected

# PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N	/D Not	Determined M-Marginal Y-Yes N	l-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	s	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	S
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		U	22. ORDER COMPLIANCE	N/A
7. WATER BARS	s	15. DEVICES INSTALLED IN TIMELY MANNER		N/D	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

# **Comments:**

A partial inspection of MVP Right of Way (ROW) was conducted for Spread D on 02/11/19 in Nicholas county, WV. On the day of this inspection light to moderate rain was occurring. Inspector hiked along a section of ROW for approximately 2 miles and then inspected several MVP ROW crossings with streams and access roads. Several operation and maintenance issues were observed while hiking the ROW. Evidence of sediment being deposited past LOD near station #6017+50 was observed. The slope above this outlet had rill erosion occurring and the waterbar on the opposite slope showed signs of concentrated flow in the form of the CFS in the waterbar being undermined and gully erosion beginning to occur. SLW wasn't leaving the site in this area at the time of inspection. At station number 5999+50 a section of CFS was undermined and did not have contact with the ground allowing run off to flow under it. At station number 5985+50 SLW had flowed past the controls at a water bar terminus and was entering the adjacent field. There was

approximately 400 foot of vegetated buffer between this control and Stream S-B28. At station number 5960+50 Wetland crossing W-IJ-55 had been impacted with SLW due to failing controls and run-off causing erosion upslope from this resource. SLW was not present past the LOD at the time of inspection.

# **Areas inspected included:**

- Route 55 crossing (North) from station numbers 6017+50 through 5960+00.
- Wetland Crossings W-B26 and W-B27

1 1.10

- Stream Crossing S-B28
- Access Road MVP-141.0
- Wetland W-IJ-55
- Stream Crossing S-W-QQ2
- Access Road MVP-NI-140

# **Deficiencies:**

- 1. (6, 14) At station number 5960+50 erosion was occurring on a slope causing SLW to overwhelm several controls that flowed into wetland W-IJ-55. At the time of inspection SLW had not migrated past the LOD.
- 2. (6, 13) Evidence of sediment being deposited past LOD near station #6017+50 was observed. The slope above this outlet had rill erosion occurring and the waterbar on the opposite slope showed signs of concentrated flow in the form of CFS in the waterbar being undermined and gully erosion beginning to occur between the layers of CFS.

	Jasur hours			
INSPECTOR:	Jase	on Liddle	Telephone:	304-859-4399
		_		Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

### NOTICE OF VIOLATION

Violation No <u>W19-34-003-JTL</u>

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: Station#5960+50, 6017+50 on MVP ROW in Nicholas County

Representative: MATTHEW HOOVER Date: 2/11/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) \_\_\_\_ of the Rules and Regulations and/or Section(s) <u>D.</u> of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

Section G.4.e.2-Permittee failed to implement controls appropriate for the project. Evidence that enhanced erosion was occurring in the waterbar and slopes near station 6017+50 and at station 5960+50 erosion occurring on the slope and SLW being concentrated in wetland W-IJ-55 with the potential to migrate off site.

Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed at station 5960+50 that BMP's were not being maintained causing Sediment Laden Water to be present in Wetland W-IJ-55.

Section G.4.e.2.A.ii.e.-Permittee has failed to protect fill slopes by diverting runoff away from the slope to a stable channel. At Station 5960+50 above Wetland W-IJ-55 erosion was occurring on the slope and no diversion was in place to convey runoff to a stable channel.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by: Sent Certified Mail70181830000138141741					
Jam Lidelle	Signature	Title			
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov			
Inspector	Telephone	E-mail			

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840



MVP ROW facing North standing at Rt 55 crossing at station #6017+50



Waterbar on steep slope leading to outlet near station 6017+50



North side of slope leading to outlet near station 6017+50



Outlet along perimeter control near station 6017+50



Evidence of sediment being deposited past LOD near station #6017+50



Wetland Crossing B-26 facing North at MVP ROW near station #5990+50



Wetland B-26 facing South near 5990+50



Wetland Crossing W-FF6-PEM facing East at W-B-26 and Pond P-FF2 at station #5990+50



SLW present in Wetland W-B-26 at crossing facing West.



Access Road MVP-IN-141.01 facing West at station #5993+00



Culvert terminus on Access Road MVP-IN-141.01.



Culvert terminus on Access Road MVP-IN-141.01 opposite angle from backside of control



Facing North at MVP ROW near station #5999+50



Waterbar terminus at station #5999+50 facing West



Facing upslope at waterbar terminus near station 5999+50.



CFS at waterbar terminus near station 5999+50 showing signs of being undermined due to concentrated flow



Facing North at Wetland Crossing W-B27 near station #5991+00



Wetland B-27 facing West near station #5991+00



Wetland Crossing W-B27 facing East near station #5991+00.



Stream S-B28 adjacent to Wetland B-27 near station 5981+90 (per SWPPP)



Stream S-B28 facing West (upstream) at station #5981+90 (per SWPPP)



Facing West towards Stream Crossing S-B28 near station 5985+50



Waterbar terminus near station 5985+50 facing upslope



Waterbar terminus near station 5985+50 facing towards Stream crossing S-B28



Waterbar terminus near station 5985+50, Sediment deposits and SLW present.



Waterbar terminus near station 5985+50, Sediment deposits and SLW present. Arrow depicts Stream S-B28



Slope at station 5966+50



Facing North at Wetland W-IJ-55 and Stream Crossing W-QQ2



Wetland W-IJ-55 crossing at station 5960+50



Disturbed slope upslope of Wetland Crossing W-IJ-55



Erosion occurring due to runoff from ROW and being diverted to Wetland W-IJ-55



Facing upslope above wetland W-IJ-55



Super Silt fence present in Wetland W-IJ-55



SLW present in Wetland W-IJ-55 migrating towards LOD



PS Form 3811, July 2015 PSN 7530-02-000-9053

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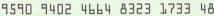
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WV DEP

Environmental Enforcement, 1159 Nick Rahall Greenway R 0 6 2019

Fayetteville, WV 25840

#### General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project			REG. #	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAIN VALLEY PIPELINE, LLC			WVR310667	5/13/2018	
ADDRESS/PHONE:	Attn: MATTHEW HOOVER				Extended:	
	625 LIBERTY AVE, ST 1700				06/1/2019	
	PITTSBURG, PA 15222					
	7248733645					
LOCATION:	Spread F			<b>Entry Date/Time:</b>	04/22/19 8:30am	
COUNTY:	Monroe			Exit Date/Time:	04/22/19 3:00pm	
Site Representative	Percy Jones			PHOTOS ⊠		
/Phone						
CO-PERMITTEE:			ADDRESS:			
SITE OPERATOR:			ADDRESS:	:		
PERMITTED	4311	WEATHER:	Sunny	LAST	4/10/19	
ACREAGE	4311 WEATHER: Sunny			INSPECTION:	4/10/19	
RECEIVING STREAM	M(S)				NOV: 1	
Regular Mail 🗆 Ce	Regular Mail ☐ Certified Mail ☑ Tracking #					
OVERALL FACILITY	RATING: Unsatisfa	actory CO	MPLIANCE OUT	COME   Not Immedia	ately Corrected	

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N.	/D Not	<b>Determined M-Marginal Y-Yes N</b>	I-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	s	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	Yes
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	U
6. OPERATIONS & MAINTENANCE	S	14. FILL SLOPE PROTECTION		U	22. ORDER COMPLIANCE	N/A
7. WATER BARS	U	15. DEVICES INSTALLED IN TIMELY MANNER		S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

#### **Comments:**

A partial inspection of MVP Right of Way (ROW) was conducted for Spread F on 04/22/19 in Monroe county, WV. Areas inspected were from station number 9049+93 to station number 9006+00 @West Clayton Road Crossing and from Station #8649+00 to #8628+00. The ROW was actively being grading during this inspection with pipe trench being dug and pipe being strung out on the ROW. MVP representative stated that waterbars would be put in when crews worked back out of ROW at the end of day. The pence springs crossing (CR 12/3) was being graded at time of this inspection. All waterbars and controls had been installed per SWPPP. The wetland and stream on the South side of the crossing (W-MM20-PFO and S-CV17) had controls present and no impacts were observed to these resources. Just above this crossing at the Clayton Road/Fisher Hill crossing the ATWS that was created had controls present per SWPPP. The construction entrances at this crossing were enhanced with more rock by the end

of day and a sweeper was actively present at this crossing. The steep slope above this crossing between station numbers 9049+00 and 9045+00 had all waterbars present per SWPPP and the downslope perimeter controls had been upgraded to Super Silt fence with a wooden retainer wall. Outlets were cut in the wall at the Waterbar termini to convey runoff through controls and off the ROW. During this inspection a spill (45-89149) was investigated that was reported on 4/20/19. The spill occurred in the Lick creek drainage of MVP ROW and impacted stream S-T35(A) at station number 8633+71. Waterbars were in place per SWPPP. However, the waterbars were terminating on the ROW within the LOD causing erosion on the slope leading to sediment overwhelming the waterbars and being deposited in Stream S-T35(A).

### **Areas inspected included:**

- From station #9049+93 to station #9006+00
- From station #8649+00 to station #8628+00

1 1.11

• Streams S-CV17, S-T35(A) and wetland W-MM20-PFO

#### **Deficiencies:**

(1, 7, 13, 14, 19, 20, 21) Waterbars on the slope above stream S-T35(A) had been overwhelmed with sediment due to erosion occurring on slope. The fill slopes between stations #8638+00 and #8628+00 had erosion present due to improper control implementation. Waterbars were installed not to convey run-off from the ROW between station #8638+00 through #8628+00 causing Conditions not Allowable in Stream S-T35(A). The SWPPP was not modified to take measures necessary to ensure compliance with the permit.

	form	TOLE		
INSPECTOR:	0	Jason Liddle	Telephone:	304-859-4399
		_	<u> </u>	Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA Department of Environmental Protection

## Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W19-45-008-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: MVP ROW @Station #8633+71 in Summers County

Representative: MATTHEW HOOVER Date: 4/22/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D</u>, <u>G</u>. of the Permit referenced above promulgated thereunder in that you:

# <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No.</u> WV0116815, Registration No. WVR310667:

Section D.1.-Permittee failed to properly operate and maintain all systems of treatment: Controls implemented on slope above stream S-T35(A) had sediment build up in waterbars due to erosion occurring on slope.

Section G.4.c-Permittee failed to modify the SWPPP by taking measures to ensure compliance with the permit: Waterbars were implemented incorrectly between stations 8438+00 through 8628+00.

Section G.4.e.2.A.ii.j - Permittee failed to prevent sediment-laden water from leaving the site without going through an appropriate device at station #8633+71. Evidence of Sediment laden water and sediment deposits were observed to have impacted Stream S-T35(A) a tributary of Lick Creek.

Section G.4.e.2.A.ii.f. - Permittee failed to protect fill slopes between station #8638+00 and #8628+00: Erosion on slope due to improper Waterbar implementation.

Section G.4.e.2. - Permittee failed to properly implement controls appropriate for the project: Waterbars were installed to terminate on the ROW at station #8633+71 causing erosion to occur on the ROW and sediment to impact Stream S-T35(A).

<u>Have violated the following WV Legislative Rules (Requirements Governing Water Quality Standards):</u>
<u>Title 47, Series 2, Section 3.2.b.- Permittee has caused conditions not allowable in waters of the State by allowing sediment deposits on the bottom of stream S-T35(A) a tributary of Lick Creek.</u>

The following corrective measures were discussed with you at the time of this inspection:

#### Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:

received by.		
Sent Certified M	ail70171450000167819160	
	Signature	Title
Janu Lidelle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

#### Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840



CR 12/3 crossing above greenbrier river at station #9049+93 facing North at MVP ROW



Stream S-CV17 crossing facing upstream at station #9049+93



Stream S-CV17 crossing facing downstream at station #9049+93



ATWS along Clayton Road/Fisher Hill Road with perimeter controls in place.



Waterbar outlet above clayton road crossing near station #9045+00



Near station #9015 facing North. Berm installed as perimeter control on downslope section of LOD.



Near station #9015 facing South. Berm installed as perimeter control on downslope section of LOD



Standing above West Clayton Road facing North near station #9004.



Controls on West side of LOD facing North at station #9004+00



Steep slope above Lick creek crossing facing North above station #8633+71 and Stream S-T35(A).



Standing above station #8633+71. Arrow depicts where Waterbar conveyed sediment into Stream S-T35(A).



Facing towards cut slope and where waterbars terminated onto ROW.



Facing upslope at station #8633+71. Arrow depicts where erosion is occurring between waterbars.



Waterbars terminating onto ROW at station #8633+71 facing North/Downslope. Arrow depicts Waterbar that was overwhelmed with sediment that impacted stream S-T35(A).



Stream S-T35(A) facing downslope Waterbar terminus at Station #8633+71. Waterbar appeared to be directed towards stream. Controls were buried in sediment where erosion was present. Super Silt was added after clean-up occurred. Arrow depicts Sediment deposits that were present in stream.



Facing South towards slope that had Waterbar failure near station #8628+00.



☐ Addressee Agent

PS Form 3811, July 2015 PSN 7530-02-000-9053

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WV DEP Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840

## State of West Virginia **Division of Environmental Protection Environmental Enforcement**

Incident/Investigation Repor	ncident/	<b>Investigatio</b>	n Report
------------------------------	----------	---------------------	----------

REF#	NA
County	Summers
Basin	New River

WRC X SW	C	Spill	Fish Kill	By-Pass	Other	
Received by Jason Liddle Date/Time 5/						2019 @ 9pm
Caller Neal Lafe	rriere			Representing	g NA	
Phone Number		304-237-3262	Add	ress		
Caller's Description of Incident  Complaint detailing that land disturbance had occurred and controls were not present at the Waterbar outlets on steep slope per SWPPP.						
Specific Location			r Station #8399+1	0		
Responsible Party	Summers	MVP				
Date/Time of Incide	ent		NA	Stream	Duncan Bra	anch/Lick Creek
Material/Quantity	Spilled	None				
Spill Status:	Stop	ped	Cleanup in	progress	Other	Citizen complaint
	Dead fish noted Wildlife N		otified	Law En	forcement Notified	
Investigation finding	ngs					

5/11/19- received complaint

5/13/19 – Spoke with Complainant, called supervisor, called MVP representative and Inspected the complaint.

Inspector inspected steep slope near station #8399+10 on MVP ROW. Clearing and Grubbing had taken place. At Duncan branch Road ROW crossing a construction entrance (CE) was present per SWPPP and recent grading had occurred to develop an additional parking area. This area had not been stabilized with rock at the time of inspection. A culvert was in place and water was pooling around the CE. Sediment laden water (SLW) was present in the roadside ditch. It could not be determined if the SLW was caused by MVP ROW construction. The SLW was not conveying downslope into any known drainage.

On the steep slope where the complaint originated from, waterbars had been installed. However, per SWPPP outlet controls were not present on the Waterbar outlets according to complainant photo dated 5/11/19. According to MVP representatives waterbar outlet controls were thought to have been installed Saturday evening after the complainant took his photo. Complainant sent additional documentation on the morning of Monday 5/13/19 showing MVP installing controls at the outlets prior to the inspection that took place around 11:30 am Monday. At the end of inspection MVP representatives stated; after communication with field staff took place, that all the outlet controls had not been installed on Saturday, and in fact were installed on Monday prior to the inspection.

## Action taken

Relayed information to complainant and supervisor on 5/13/19. Due to outlet controls not being present at time of installation on 5/11/19 an NOV will be issued for not following approved SWPPP.

Samples taken	No.				
Photos taken	Yes (Attached)				
Relayed to	Neal Laferriere	<b>Date</b>	5/13/19	_ Time _	2pm
Investigated by	Jason Liddle	Date	5/13/19	Time	11am
Rph/05/06					

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W19-45-010-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: <u>MVP ROW near Station #8399+10</u> in <u>Summers</u> County Representative: <u>MATTHEW HOOVER</u> Date: <u>5/13/19</u> Time: <u>12:00pm</u>

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>of the Rules and Regulations and/or Section(s) <u>G.</u> of the Permit referenced above promulgated thereunder in that you:</u>

Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:

Section G.4. - Permittee has failed to comply with the General Permit and approved Storm Water Pollution Prevention Plan (SWPPP). Waterbar outlet controls near station #8399+10 were not in place at the time of installation as detailed by the SWPPP.

The following corrective measures were discussed with you at the time of this inspection:

#### Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Ser	t Certified Mail 7017145000016	7819214
	Signature	Title
Janu Lidelle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840 WVR310667 Mountain Valley Pipeline 5/13/19



MVP ROW crossing with Duncan Branch Road near station #8399+10



SLW ponding in ditch downslope of MVP ROW construction entrance.



Facing upslope towards MVP ROW crossing with Duncan Branch Road.



Construction entrance and additional parking space adjacent to Duncan Branch Road.



SLW present upslope of MVP ROW entrance entering installed culvert and conveying to ponded area in ditch line.



Facing upslope near station #8399+10. Controls were in place at time of inspection at Waterbar outlet per SWPPP. Arrows depict Waterbar outlets.



Facing upslope near station #8399+10. Controls were in place at time of inspection at Waterbar outlet per SWPPP.



Photo of steep slope near station #8399+10 depicting no controls in place on 5/11/19 at 5:27pm

WVR310667 Mountain Valley Pipeline 5/13/19



Complainant photo depicting MVP field staff installing outlet controls on Monday 5/13/19 at 10:09am.

#### COMPLETE THIS SECTION ON DELIVERY

B. Redeived by (Printed Name)

A. Signature

UDER: COMPLETE THIS SECTION	E
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1. Article Addressed to:

Canonsburg, PA 15317 2200 Energy Drive, 2nd Floor ABVOOH WAHTTAM :nthA === MOUNTAIN VALLEY PIPELINE, LLC

10 1470 0170 LICH 7046 0606

4CSP 1874 LOOO 024L 7LO7 2. Article Number (Transfer from service label)

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WV DEP Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840

# State of West Virginia Division of Environmental Protection Environmental Enforcement

### **Incident/Investigation Report**

REF#	NA
County	Summers
Basin	New River

WRC X S	WC Spi	ll Fish	Kill By-Pass	Other		
Received by	Jason Liddle		Date/Tim	e 5/23/2019 @ 9pm		
Caller Neal La	ferriere		Represent	ing NA		
Phone Number	304-2	237-3262	Address			
Caller's Descript Complaint detai		iple violations occ	curring on MVP ROV			
<b>Specific Location</b>	Summers Cou	nty, Near Station	#8387+96			
Responsible Party	y MV	/P				
Date/Time of Inci	dent	NA	Stream	Duncan Branch/Lick Creek		
Material/Quantit	y Spilled Nor	ie				
Spill Status:	Stopped	Clea	anup in progress	Other Citizen complaint		
	Dead fish no	ted W	ildlife Notified	Law Enforcement Notified		
	Investigation findings 5/23/19- received complaint spoke with complainant					
5/24/19 – Spoke with Complainant, called supervisor, called MVP representative and Inspected the complaint.						
Inspector inspected steep slope near station #8387+96 where spoil pile from grading had been pushed to the edge of the LOD. Material had slipped off the soil pile and past the MVP permitted LOD. No controls were in place along this section of ROW. Detail sheets state that all spoil and topsoil piles require either CFS or silt fence as needed. Near station 8410+00 topsoil pile was slipping into controls. P1 silt fence had hole present (marginal deficiency). Some deposits were present past the LOD along this section of ROW.						
Action taken  Relayed information to complainant and supervisor on 5/24/19. Due to no perimeter controls being in place and material being transported off ROW, an NOV will be issued due to not installing appropriate controls per the SWPPP.						
Samples taken	No.					
Photos taken	Yes (Attached)					

5/24/19

5/24/19

Time

Time

2pm

9am

**Date** 

**Date** 

Rph/05/06

Relayed to

**Investigated by** 

Neal Laferriere

Jason Liddle

## STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W19-45-015-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: <u>MVP ROW near Station No. 8387+96</u> in <u>Summers</u> County Representative: <u>MATTHEW HOOVER</u> Date: <u>5/24/19</u> Time: <u>12:00pm</u>

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) G. of the Permit referenced above promulgated thereunder in that you:

<u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No.</u> WV0116815, Registration No. WVR310667:

<u>Section G.4.c.- Permittee has failed to modify the Storm Water Pollution Prevention Plan (SWPPP):</u>
<u>Perimeter controls were not in place at the base of a soil pile allowing sediment deposits past the LOD at station 8387+96.</u>

The following corrective measures were discussed with you at the time of this inspection:

#### Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection

Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840

#### WVR310667 Mountain Valley Pipeline 5/24/19



Topsoil pile near station No. 8387+96 facing South at MVP ROW LOD. Arrow depicts LOD.



Facing towards MVP LOD near station No. 8387+96. Material had slipped from pile off ROW past LOD. No perimeter controls in place.

#### WVR310667 Mountain Valley Pipeline 5/24/19



Facing downslope along MVP LOD near station No. 8387+96. Controls in place at edge of LOD approximately 75 feet downslope.



Facing upslope near station No. 8387+96. No perimeter controls in place approximately 150 feet upslope. Berm installed as perimeter controls half way upslope (see red arrow).

#### WVR310667 Mountain Valley Pipeline 5/24/19



Near station No. 8419+00 facing South. Perimeter controls in place per SWPPP. Arrow depicts were material has slipped into P1 silt fence.



Near station No. 8410+00. Hole present in P1 silt fence due to material slipping into controls.

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#### General Permit No WV0116815

## WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project				REG. #	#	<b>EXPIRE DATE:</b>
PERMITTEE	MOUNTAIN VALLEY I	PIPELINE, LLC	2		WVR3	10667	5/13/2018
ADDRESS/PHONE:	Attn: MATTHEW HOOV	VER					Extended:
	625 LIBERTY AVE, ST	1700					6/28/2019
	PITTSBURG, PA 15222						
	7248733645						
LOCATION:	Spread C				Entry 1	Date/Time:	05/29/19 8:30am
COUNTY:	Braxton	Braxton					05/29/19 3:00pm
Site Representative	Jason Hiles/1-740-334-7812				РНОТО	os 🛛	
/Phone							
CO-PERMITTEE:	ADDRESS:						
SITE OPERATOR:	ADDRESS:						
PERMITTED	4311	WEATHER: Sur		Sunny			4/11/19
ACREAGE					INSPECTION:		4/11/17
RECEIVING STREAM	RECEIVING STREAM(S) Little Kanawha						NOV: 1
Regular Mail 🗆 Ce	Regular Mail □ Certified Mail ☑ Tracking #						
OVERALL FACILITY RATING: Unsatisfactory COMPLIANCE OUTCOME Not Immediately Corrected					ntely Corrected		

#### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N	/D Not	Determined M-Marginal Y-Yes I	N-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	s	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		U	22. ORDER COMPLIANCE	N/A
7. WATER BARS	M	15. DEVICES INSTALLED IN TIMELY MANNER		S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

#### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

#### **Comments:**

• A partial inspection of MVP Right of Way (ROW) was conducted for Spread C on 05/29/19 in Braxton County, WV. MVP ROW was inspected from station number 4031+00 to station number 3973+00. The Little Kanawha River crossing was also inspected. Several sections of ROW had erosion present on fill slopes and on the ROW. Erosion was present in waterbars and at the outlets causing controls not to function properly. Some sumps had recently been maintained above the outlets, however, evidence was observed that the perimeter controls below these sumps/outlets had not been maintained (sediment not removed from behind the controls). Sediment was being transported past perimeter controls leading to sediment deposits being observed past the LOD.

At Station no. 4031+00 and 4027+00 Waterbars were terminating onto steep slopes. The outlets were overwhelmed with sediment and the controls were not functioning as designed due to lack of maintenance. Erosion was occurring on the slopes below these controls and causing sediment to be deposited behind perimeter controls. Sediment was being transported along the perimeter and past the controls leading to sediment deposits being present past the LOD. At station no. 3977+00 a silt fence was installed above a Waterbar due to erosion occurring on the slope. At station no. 3973+00 a trench pipe drain was observed to be discharging onto the ROW. Erosion wasn't present below the discharge point. Logging impacts on the edge and past the LOD were observed from station no. 4027+00 to 4017+00. MVP ROW was being regraded to final grade at station 4017+00 to 3973+00 above the Little Kanawha River crossing.

#### **Areas inspected included:**

- From station no. 4031+00 to station no. 3973+00
- Little Kanawha River crossing
- AR-86.01 and ATWS off BBQ Run Road

1 1.10

#### **Deficiencies:**

- (1, 6, 7, 13, 14, 19) Slope at near station 4031+00 had moderate erosion occurring above and in the waterbars. Waterbars were terminating on a steep slope approximately 20-30 feet in height. Erosion was present at the Waterbar outlets and on the slope below the outlets. Perimeter controls were in lack of maintenance and sediment was overwhelming the controls along the perimeter through section of ROW. Sediment deposits were present past the controls and LOD.
- (1, 6, 7, 13, 14, 19) At station No. 4027 Waterbar controls were in lack on maintenance causing controls to not function as designed. This was leading to erosion on the slope below these controls. The erosion was causing sediment to be deposited along the perimeter. The perimeter controls were not maintained leading to sediment overwhelming the controls and being deposited past the LOD.

	fasur mount			
INSPECTOR:		Jason Liddle	Telephone:	304-859-4399
			_	Modified: 10-15-2017 JHH

#### STATE OF WEST VIRGINIA

#### Department of Environmental Protection Environmental Enforcement

#### NOTICE OF VIOLATION

Violation No W19-04-013-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: **MOUNTAIN VALLEY PIPELINE, LLC** 

Located at or near: Station No. 4031+00 and 4027+00 MVP ROW in Braxton County

Representative: MATTHEW HOOVER Date: 5/29/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D</u>, <u>G</u> of the Permit referenced above promulgated thereunder in that you: <u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed at station 4031+00 and 4027+00 that controls were not being maintained causing Sediment to be transported past the LOD.

<u>Section G.4.e.2-Permittee has failed to implement controls appropriate for the project: Evidence that enhanced erosion was occurring on ROW, in Waterbars and slopes near station 4031+00 and 4027+00 was observed.</u>

Section G.4.e.2.A.ii.e.-Permittee has failed to protect fill slopes by diverting runoff away from the slope to a stable channel: At Stations 4030+00 and 4027+00 waterbars were terminating onto the fill slope causing controls to be overwhelmed along the perimeter and sediment to be transported past the LOD. Section G.4.e.2.A.ii.j.-Permittee has failed to prevent sediment laden water from leaving the site without going through an appropriate device: Sediment deposits from SLW leaving the site was observed at station No.'s 4030+00 and 4027+00.

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within  $\underline{20}$  days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:						
Sent Certified Mail70171450000167818507						
	Signature	Title				
Janu Lidelle						
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov				
Inspector	Telephone	E-mail				

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Waterbar outlet above fill slope at station no. 4031+00 facing downslope.



Waterbar outlet above fill slope at station no. 4031+00 facing downslope. Sediment deposits observed past LOD.



Waterbar outlet above fill slope at station no. 4031+00 facing downslope. Sediment deposits observed past LOD. Scouring from concentrated flow present.



Near station No. 4031+00 facing downslope. Erosion present on ROW where grass hadn't germinated in travel lane.



Facing towards cut in slope/ROW at station No. 4031+00. Waterbar had erosion present.



Standing above Waterbar outlet terminating onto fill slope at station No. 4031+00.



Waterbar outlet at station No. 4031+00. Arrow depicts where runoff was flowing around control and causing increased erosion.



Waterbar outlet and diversion berm outlet at station No. 4031+00. Sediment was being deposited behind controls.

Arrow depicts where runoff was flowing around controls.



Diversion berm outlet No. 1 at station No. 4031+00. Controls in need of maintenance.



Downslope of Diversion berm outlet No. 1. Sediment deposits observed past LOD. Vegetation was also stained form SLW leaving site.



Near station No, 4031+00 facing downslope at diversion berm outlet No. 2. Arrow depicts Erosion present on fill slope.



Facing upslope near station #4031+00 at diversion berm outlet No. 2. Waterbar was also terminating onto slope with no controls. Arrow depicts erosion on slope.



Standing below diversion berm outlet No. 2 near 4031+00. Scouring of vegetation present below control.



Standing further downslope below diversion berm outlet No. 2 near 4031+00. Scouring of vegetation present below control.



Standing further below diversion berm outlet No. 2 near 4031+00. Scouring of vegetation present below control. Sediment deposits were observed approximately 150-foot downslope of controls.





Diversion berm outlet No. 3. Sediment being deposited behind controls.



Fill slope with erosion present above diversion berm outlet No.3 near station No. 4031+00.



Fill slope with erosion present above diversion berm outlet No. 3.



Downslope of diversion berm outlet No. 3 controls. Scouring of vegetation present with sediment deposits present past LOD.



Downslope of diversion berm outlet No. 3. Sediment deposits present.



Waterbar outlet above diversion berm outlet No. 3. Sump full of sediment and evidence that concentrated flow on slope was observed due to controls not functioning as designed. Arrow depicts flow.



Standing at station #4031+00 facing South at MVP ROW and western edge of LOD.



Standing above Waterbar outlet at station No. 4027+00 facing upslope at work area.



Waterbar outlet terminating onto slope at station No. 4027+00



Perimeter outlet control's below Waterbar terminus at station No. 4027+00.



Sediment deposits present past LOD at station No. 4027+00 facing downslope of perimeter outlet.



Sediment deposits present past LOD at station No. 4027+00 facing downslope of perimeter outlet.



Facing upslope near station No. 4027+00. Arrow depicts Waterbar and where sediment deposits were observed.

Diversion berm installed as perimeter control with multiple outlets present.



Waterbar outlet downslope of Station No. 4027+00. Waterbar terminating on slope. Fabric installed below control on slope above perimeter outlet.



Standing near station 4027+00 facing downslope. Erosion present on fill slope. Perimeter control being overwhelmed with sediment. Evidence that Sediment laden water was observed due to deposits being present past controls. According to representative logging disturbance had taken place.



Erosion present on slope near Station No. 4017+00. Perimeter controls overwhelmed with sediment.



Near station No. 4017+00. Waterbar terminating onto slope.



Below Waterbar outlet near station No. 4017+00. Evidence that sediment laden water flowed past LOD was observed.



Below Waterbar outlet near station No. 4017+00. Evidence that sediment laden water flowed past LOD was observed. Arrow depicts where run-off was flowing.



Below perimeter controls near station No. 4017+00. Sediment deposits were present past LOD.



Facing South at station No. 4017+00. ROW was actively being restored to final grade.



Sit fence installed above Waterbar at station No. 3977+00.



Sit fence installed above Waterbar at station No. 3977+00 facing upslope. Erosion present on slope.



Waterbar outlet at station No. 3977+00.



Below Waterbar outlet at station No. 3977+00 looking at perimeter outlet controls.



Trench drain outlet terminating onto ROW above Waterbar near station No. 3973+00.



Facing Little Kanawha river basin and crossing near station No. 3973+00.

### Article Number (Transfer from service label) Article Addressed to: SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Attach this card to the back of the mailpiece Print your name and address on the reverse or on the front if space permits. so that we can return the card to you Canonsburg, PA 15317 2200 Energy Drive, 2nd Floor Attn: MATTHEW HOOVER MOUNTAIN VALLEY PIPELINE, LLC 9590 9402 4511 8278 8244 79 7017 1450 0001 6781 6507 A. Signature Collect on Delivery Adult Signature Restricted Delivery Adult Signature Service Type B. Received by (Printed Mame) COMPLETE THIS SECTION ON DELIVERY Collect on Delivery Restricted Delivery Certified Mail-Restricted Delivery Certified Mail® 's delivery address different from item 1? YES, enter delivery address below: 'Aail Restricted Delivery John bria ☐ Signature Confirmation Title ☐ Signature Confirmation Registered Mail M Priority Mail Express® Signature Confirmation Return Receipt for Delivery Registered Mail Restricted Hestricted Delivery Merchandise C., Date of Delivery ☐ Addressee ☐ Agent

PS Form 3811, July 2015 PSN 7530-02-000-9053

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WV DEP Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840

### General Permit No WV0116815

## WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project				REG.	#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTA	IN VALLE	Y PIPELINE	, LLC		WVR	310667	5/13/2018
ADDRESS/PHONE:	Attn: MAT	THEW HO	OOVER					Extended:
	625 LIBER	TY AVE,	ST 1700					6/31/2018
	PITTSBUE	RG, PA 152	222					
	724873364	5						
LOCATION:	Spread D					Entry	Date/Time:	05/30/19 9:30am
COUNTY:	Nicholas	Nicholas				Exit I	Oate/Time:	05/30/19 2:00pm
Site Representative	Matt Parsons				РНОТ	PHOTOS ⊠		
/Phone								
CO-PERMITTEE:					ADDRES	S:		
SITE OPERATOR:					ADDRES	S:		
PERMITTED	4311	4311 WEATHER: Sun			Sunny	LAST		2/11/19
ACREAGE			WEATHER: Sunny			INSPI	ECTION:	2/11/19
RECEIVING STREAM	TNG STREAM(S) Gauley River, Jim's Creek						NOV: 1	
Regular Mail 🗆 Ce	Regular Mail ☐ Certified Mail ☐ Tracking #							
OVERALL FACILITY	RATING: Unsatisfactory COMPLIANCE OUTC				TCOME	COME Not Immediately Corrected		

### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N.	/D Not	<b>Determined M-Marginal Y-Yes N</b>	l-No
1. PERIMETER CONTROLS	U	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	U	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		U	21. SWPPP/ GPP/PERMIT COMPLIANCE	U
6. OPERATIONS & MAINTENANCE	U	14. FILL SLOPE PROTECTION		M	22. ORDER COMPLIANCE	N/A
7. WATER BARS	s	15. DEVICES INSTALLED IN TIMELY MANNER		U	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

### **Comments:**

A partial inspection of MVP Right of Way (ROW) was conducted for Spread D on 05/30/19 in Nicholas county, WV. time of inspection. At the Route 39 crossing a large workspace had been constructed. On the Southwest end of this workspace above stream S-N10 several controls needed maintenance and evidence that sediment laden water (SLW) had left the site was observed at station No. 6474+16 through 6478+48. Sediment deposits were observed below these controls approximately 200 feet towards stream S-N10 and S-N11. Several waterbars were observed to be terminating on fill slopes near station No. 6485+10. This is an area of concern due to the potential for erosion to be increased and perimeter controls to be overwhelmed and not function as designed. Several seeps were observed to be running onto the ROW above stream S-EE1, above Stream S-N13 and at station No. 6510+40. Drains were installed to channel the flow of these seeps. However, the seeps were flowing onto disturbed soil and transporting SLW into

controls. These drains need to be enhanced to reduce the amount of SLW/sediment being transported to downslope controls. The outlets of these diversions are required to have rip rap aprons per approved SWPPP. No rip rap aprons were observed to be installed at the time of inspection. These clean water diversions are also required to be stabilized prior to becoming functional. It was observed that perimeter controls were lacking at station 6495+00. Priority 1 silt fence had not been extended to tie into perimeter outlet controls in this area. Log piles were present with no perimeter controls in place. Several Waterbar outlets had been overwhelmed with sediment and controls were not functioning as designed at station No. 6508+30 and station No. 6510+40. At Station No. 6510+40 the sediment that overwhelmed the outlet controls had been conveyed past the LOD and into Wetland W-N18. Wetland W-N18 is located within the permitted LOD. There was also a seep below the controls and water was running through an unstabilized channel causing sediment to be transported into a sump that had a culvert inlet present. The sediment and SLW was being transported under the travel lane and downslope. Controls were present in the conveyance below the outlet. However, the controls were lacking maintenance and not functioning as designed causing sediment to be deposited approximately 200 feet past the LOD downslope of the outlet. At Access Road MVP-NI-155 controls were in place per SWPPP. However, the additional work space had erosion occurring on the NW corner of the LOD. Super silt fence was present and starting to lean over due to the amount of Sediment and SLW being deposited behind it. Sediment deposits were observed past the LOD in this area.

### **Areas inspected included:**

- Route 39 crossing (South) from station numbers 6472+40 through 6514+60.
- Access Road MVP-NI-155
- Streams S-N10, S-N11, S-N13, S-EE1 and Wetland W-N18
- ATWS 22-7A

### **Deficiencies:**

- 1. **(1, 6, 13, 19, 21)** Above stream S-N10 several controls needed maintenance and evidence that sediment laden water (SLW) had left the site was observed at station No. 6474+16 through 6478+48. Sediment deposits were observed below these controls approximately 200 feet towards stream S-N10 and S-N11.
- 2. (1, 6, 13, 19, 21) Several Waterbar outlets had been overwhelmed with sediment and controls were not functioning as designed at station No. 6508+30 and station No. 6510+40. At Station No. 6510+40 the sediment that overwhelmed the outlet controls had been conveyed past the LOD and into Wetland W-N18. Controls were lacking maintenance and not functioning as designed causing sediment to be deposited approximately 200 feet past the LOD downslope of the outlet.

- 3. (1, 6, 13, 15, 21) It was observed that perimeter controls were lacking at station 6495+00. Priority 1 silt fence had not been extended to tie into perimeter outlet controls in this area. Log piles were present with no perimeter controls in place.
- 4. (1, 2, 6, 13, 15, 21) Clean water diversions installed at seeps were not stabilized prior to becoming functional. No rip rap aprons installed at culvert outlets located below seeps as required per SWPPP.
- 5. **(1, 6, 13, 19, 21)** At Access Road MVP-NI-155 controls were in place per SWPPP. However, the Additional work space had erosion occurring on the NW corner of the LOD. Super silt fence was present and starting to lean over due to the amount of Sediment and SLW being deposited behind it. Sediment deposits were observed past the LOD in this area.

	Janu Lidelle				
INSPECTOR:		Jason Liddle		Telephone:	304-859-4399
			_		Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

### NOTICE OF VIOLATION

Violation No <u>W19-34-014-JTL</u>

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: Route 39 to MVP-NI-155 in Nicholas County

Representative: MATTHEW HOOVER Date: 5/30/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) <u>CSR47-2-3</u> of the Rules and Regulations and/or Section(s) <u>D and G.</u> of the Permit referenced above promulgated thereunder in that you:

Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:

Section D.1-Permitte has failed to properly operate and maintain all facilities and systems: Evidence was observed at stations 6474+16, 6478+48, 6508+30, 6510+10 and 6514+60 that controls were not being maintained causing Sediment to be deposited past the LOD.

<u>Section G.4-Permittee has failed to follow approved SWPPP: At station 6945+00 ROW diversion had not been installed per SWPPP. Station No. 6497+50 Perimeter controls not installed per SWPPP.</u>

<u>Section G.4.e.2.A.i.d.</u> - <u>Permittee has failed to stabilize clean water diversions prior to becoming functional:</u>
<u>Above stream S-EE1 and at station 6485+10 clean water diversions had not been stabilized prior to becoming functional.</u>

Section G.4.e.2-Permittee failed to implement controls appropriate for the project: Controls had not been enhanced and/or implemented at stations 6508+30, 6510+40 and 6514+60 to eliminate sediment from being deposited past the LOD.

<u>Section G.4.e.2.A.ii.j-Permittee has allowed sediment laden to leave the site without going through and appropriate device: At station No.'s 6508+30, 6510+40 and 6514+60 evidence that SLW had left the site was observed.</u>

The following corrective measures were discussed with you at the time of this inspection: Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:

Received by:		
Sent Certified Ma	il70171450000167818545	
	Signature	Title
Janu Lidelle		
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

### Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW 1159 Rahall Greenway, Fayetteville, WV 25840



Controls at station No. 6474+16. Recent enhancement was observed.



Facing downslope towards Stream S-N10. Scouring of vegetation and sediment deposits were observed below these controls.



Sediment deposits past LOD and controls at station No. 6474+16. Arrow depicts deposits.



Sediment deposits past the LOD and controls at station No. 6474+16.



Stream S-N10 facing downstream near station No. 6478+48



Waterbar outlet terminating onto slope near station No. 6485+10.



Slope below Waterbar terminus. Perimeter controls becoming overwhelmed with sediment.



Pipe outlet below seep. Diversion not stabilized and No rip rap apron installed as required per SWPPP near station No. 6485+10. The inlet had been cut due to trench being dug.



Waterbar outlet terminating onto slope at station No. 6485+10.



Waterbar outlet terminating onto slope at station No. 6485+10. Erosion present on slope above perimeter controls.



Sep drain outlet above Stream S-EE1. Clean water diversion not stabilized above or below inlet/outlet. Clean water was being conveyed approximately 15 foot across disturbed soil to a sump where the inlet was located. The topsoil pile around the inlet was eroding into the sump. Arrow depicts where inlet was located.



No perimeter control installed per SWPPP on downslope side if fill slope at station No. 6495+00.



Same area near station No. 6495+00. Perimeter controls not extended per SWPPP into outlet controls.



Station No. 6497+50. Perimeter controls not installed per SWPPP. Diversion berm installed however, arrow depicts section where sediment was being deposited against controls and not tied into berm.



Seep running onto ROW above Stream S-N13. Diversion not stabilized near station No. 6940+00.



Seep running onto ROW via Waterbar above Stream S-N13. Diversion not stabilized near station No. 6940+00.



Seep running onto ROW via Waterbar above Stream S-N13. Diversion not stabilized near station No. 6940+00.



Construction entrance at Deepwell road crossing facing South at station No. 6504+20.



Facing upslope at Deepwell road construction entrance near station No. 6504+20. Erosion present on fill slope and ROW leading to Waterbar.



Waterbar with CFS checks installed and scouring topsoil pile below Deepwell road crossing at Station No. 6508+30.



Waterbar outlet near station No. 6508+30. Sediment deposits past controls and LOD observed.



Topsoil pile slipping into Waterbar at station No. 6508+40.



Facing upslope at Waterbar and topsoil pile at station No. 6508+30. Arrow depicts topsoil pile that is slipping into Waterbar.



Sediment deposits observed past LOD and Controls below Waterbar and topsoil pile at station No. 6508+30.



Waterbar at station No. 6510+40 facing upslope.



Waterbar outlet at station No. 6510+40 facing upslope. Sediment deposits were observed past LOD and conveying towards Wetland W-N18.



Sediment deposits downslope of Waterbar outlet at station No. 6510+40.



Sediment deposits and SLW traveling downslope at station No. 6510+40. Seep was present in cut next to topsoil pile. Channel wasn't stabilized and conveys to a sump with a slope drain that crosses ROW. Arrow depicts seep. Black arrow shows sump with slope drain inlet.



Sump with slope drain inlet for seep at station No. 6510+40.



Seep slope drain outlet. Rock apron present.



Below seep slope drain outlet. SLW and sediment overwhelming controls.



Sediment deposits and SLW observed past controls and LOD at station No. 6510+40.



SLW and sediment deposits observed past controls and LOD near station No. 6510+40 approximately 200 feet past LOD.



Erosion and sediment/SLW overwhelming perimeter controls at ATWS-22-7A at station No. 6514+60. Sediment deposits observed past controls and LOD.

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<b>Phone Number</b>		Ad	dress			
	ion of Incident ling that Birch River ha d to be a potential issue	_	addy and loc	ation of Ro	oute 82 cros	sing MVP
	Webster County, M		with Route 8	32. at statio	on No. 5539-	+00
Responsible Party						
Date/Time of Inci	·	NA	Stream		S-F37	,
Material/Quantity	y Spilled None					
	Stopped	Cleanup ir	n progress	O	ther Citi	izen complaint
	Dead fish noted		Notified			ment Notified
Investigation findings 6/4/19- received complaint 6/5/19- Inspected Route 82 MVP ROW crossing and streams and wetlands around the crossing. Several access roads and workspaces are present in this area. All controls were present on the East side of the crossing. Stream S-F37 eventually becomes Birch River further downstream after several tributaries empty into this stream. The stream facing South at the crossing was slightly turbid. Agricultural damage from cows was observed in this area. Waterbar outlets on the slope above Stream S-J37 were in place and no sediment laden water or deposits were observed past the LOD. At the Route 82 crossing the construction entrance had a culvert in place. The culvert had been overwhelmed with sediment at the inlet. Sediment was observed in piles around the outlet. This was causing SLW to run downslope past the LOD and towards another culvert that conveyed under Route 82. Sediment deposits were observed at the outlet of this culvert. Sediment deposits were observed approximately 50 feet downslope and were settling in an old road bed. It could not be determined at the tie of inspection if Stream S-J37 had been impacted.						
being present in be issued for all	ation to complainant an the roadside ditch that owing sediment laden v operly operate and main	conveys under Rowater to leave the s	ute 82 and to	owards Stre	eam S-F37 a	n NOV will
Samples taken Photos taken	No.  Yes (Attached)	ntain all systems o	f treatment a	nd control	s.	opriate device

Date

6/5/19

Time

9am

Jason Liddle

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

### NOTICE OF VIOLATION

Violation No W19-51-015-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: <u>MVP ROW near Station No. 5539+00</u> in <u>Webster</u> County Representative: <u>MATTHEW HOOVER</u> Date: 6/5/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) D and G. of the Permit referenced above promulgated thereunder in that you:

<u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control Permit No. WV0116815, Registration No. WVR310667:</u>

Section D.1-Perimittee has failed to at all times properly operate and maintain all systems of treatment and control: Construction entrance at Rt 82 crossing was not maintained to prevent sediment laden water and sediment to be deposited past the permitted LOD.

Section G.4.e.2.A.ii.j Permittee has failed to prevent sediment laden water from leaving the site without going through an appropriate device: At the Route 82 crossing sediment deposits and sediment laden water were observed past the LOD. Sediment deposits were observed in the roadside ditch that paralleled Route 28 as well as downslope past a culvert outlet approximately 500 feet past the LOD.

The following corrective measures were discussed with you at the time of this inspection:

### Take measures to correct the aforementioned violations.

Within  $\underline{20}$  days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent Certified M	<b>4</b> 14170171450000167818552	
	Signature	Title
Jam Lidelle	-	
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telenhone	F-mail

**Send Response to the Inspector at the address indicated below:** 

WV Department of Environmental Protection

Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840

WVR310667 Mountain Valley Pipeline 6/5/19



Construction entrance at the Route 82 crossing at station No. 5539+00. Arrow depicts culvert inlet.



Roadside ditch and culvert outlet. Sediment laden water being conveyed downslope.

WVR310667 Mountain Valley Pipeline 6/5/19



Sediment deposits and sediment laden water being conveyed past the LOD along Route 82.



Sediment deposits in roadside ditch that parallels route 82. Arrow depicts culvert intake that conveys under route 82.

WVR310667 Mountain Valley Pipeline 6/5/19



Upslope of culvert intake that conveys under route 82. No sediment deposits present at time of inspection.



Sediment deposits approximately 500 feet past the LOD downslope of construction entrance.

## SENDER: COMPLETE THIS SECTION Article Addressed to: Complete items 1, 2, and 3 Attach this card to the back of the mailpiece or on the front if space permits. so that we can return the card to you Print your name and address on the reverse Canonsburg, PA 15317 2200 Energy Drive, 2nd Floor Attn: MATTHEW HOOVER MOUNTAIN VALLEY PIPELINE, LLC D. Is delivery address different from item 1? Service Type COMPLETE THIS SECTION ON DELIVERY If YES, enter delivery address below:

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### STATE OF WEST VIRGINIA

### Department of Environmental Protection Environmental Enforcement

### NOTICE OF VIOLATION

Violation No W19-32-17-JTL

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: <u>MVP ROW near Station #9780+00</u> in <u>Monroe</u> County Representative: <u>MATTHEW HOOVER</u> Date: <u>6/12/19</u> Time: <u>12:00pm</u>

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter <u>22</u>, Article <u>11</u>, Section(s) <u>1 et. Seq.</u> of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) <u>G.</u> of the Permit referenced above promulgated thereunder in that you:

<u>Have violated the following terms and conditions of WV/NPDES General Water Pollution Control</u> Permit No. WV0116815, Registration No. WVR310667:

Section G.4.e.2.A.ii.j-Perimtte has allowed sediment laden to leave the site without going through and appropriate device: At station No. 9780+00 evidence that SLW had left the site was observed due to a significant amount of sediment deposits and scouring being present past controls and LOD. At the Dargo silt fence downslope of station No. 9780+00 sediment deposits was observed past controls and the LOD.

The following corrective measures were discussed with you at the time of this inspection:

### Take measures to correct the aforementioned violations.

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:		
Sent (	Certified Mail	
	Signature	Title
Jasur Lidelle	_	
Duly Authorized Agent /	304-859-4399	Jason.T.Liddle@wv.gov
Inspector	Telephone	E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840

WVR310667 Mountain Valley Pipeline 6/12/19



Above Anne's Branch crossing near station 9744+00. Facing upslope of MVP ROW. Erosion ongoing on road as well as slope above road. Arrow depicts LOD.



Controls added on edge of LOD to control run-on from adjacent property disturbance.



French drain installed at base of cut slope. Drain terminated into sump with controls and conveys under ROW to outlet that has sump present with controls.



Culvert outlet terminating in sump along AR 227.

### WVR310667 Mountain Valley Pipeline 6/12/19



Anne's Branch crossing near station No. 9744+00 facing downstream. Past disturbance observed from land owner traffic across stream.



Facing upstream at Anne's Branch crossing near station No. 9744+00.

### WVR310667 Mountain Valley Pipeline 6/12/19



Facing North towards Anne's Branch at station No. 9745+00.



Facing South near station No. 9745+00 on North side slope. Arrow depicts location of Dargo silt fence.



Facing Downslope at Dargo silt fence. Waterbar outlets in place with controls in foreground.



Dargo silt fence. Pipe slope drain terminating on ROW and not extended to edge of LOD. Arrow depicts slope drain outlet.



Pipe slope drain terminating onto ROW above controls (Dargo silt fence).



Standing below Dargo Silt fence facing upslope at controls.



Below Dargo silt fence. Sediment deposits observed past LOD and low-lying area not delineated as a wetland.



Standing on South Side slope facing downslope (North) at Dargo Silt fence.

### WVR310667 Mountain Valley Pipeline 6/12/19



Upslope of Dargo silt fence. Facing South towards AR-221. Arrow depicts where dozer work was ongoing during inspection and controls needed maintenance.



Controls below where dozer work was taking place. Sediment deposits observed below these controls at station No. 9780+00.

### WVR310667 Mountain Valley Pipeline 6/12/19



Below controls at station No. 9780+00 facing downslope at sediment deposits and scouring of leaf litter. Arrow depicts deposits.



Sediment Deposits below and past controls/LOD at station No. 9780+00. Arrow depicts deposits.

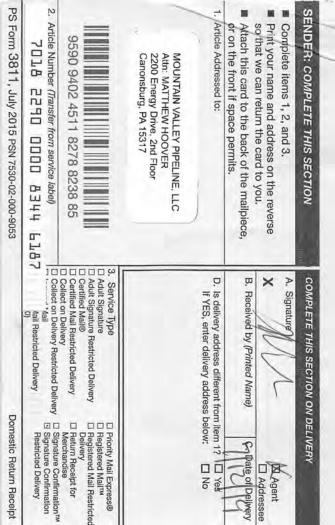
### WVR310667 Mountain Valley Pipeline 6/12/19



Scoring and sediment deposits below controls at station No. 9780+00. Red Arrow depicts deposits. Blue arrow depicts controls at edge of LOD.



Facing South towards Ellison Ridge Road. Waterbar blow out and repair observed where AR-221 comes onto ROW.





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 Sender: Please print your name, address, and ZIP+4® in this box. 1159 Nick Rahall Greenway **Environmental Enforcement** Fayetteville, WV 25840 WV DEP

### General Permit No WV0116815

# WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION WV OIL AND GAS CONSTRUCTION STORMWATER PERMIT

<b>FACILITY NAME:</b>	Mountain Valley Pipeline Project					REG.	#	<b>EXPIRE DATE:</b>	
PERMITTEE	MOUNTAI	MOUNTAIN VALLEY PIPELINE, LLC					WVR.	310667	5/13/2018
ADDRESS/PHONE:	Attn: MATTHEW HOOVER								Extended:
	625 LIBERTY AVE, ST 1700								6/31/2018
	PITTSBUR	PITTSBURG, PA 15222							
	7248733645								
LOCATION:	Spread D	Spread D					Entry	Date/Time:	06/19/19 9:30am
COUNTY:	Nicholas	Nicholas					Exit D	Oate/Time:	06/19/19 2:00pm
Site Representative	Matt Parsons/Brad Swiger					PHOTOS ⊠			
/Phone		Ü							
CO-PERMITTEE:						ADDRESS:			
SITE OPERATOR:						ADDRESS:			
PERMITTED	4311		WEATH	WEATHER: Su		227	LAST		6/5/19
ACREAGE	4311		WEATH	ER: Sunny		ıy	INSPE	ECTION:	0/3/19
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OVERALL FACILITY RATING: Unsatisfactory COMPLIANCE O					NCE OUTC	COME   Not Immediately Corrected			

### PERMIT / SITE EVALUATION

S-Satisfactory U-Unsatisfactory	N/A	-Not Applicable N/O-Not Observed	N	/D Not	<b>Determined M-Marginal Y-Yes N</b>	I-No
1. PERIMETER CONTROLS	S	9. HOUSEKEEPING/SOLID WASTE		S	17. CONCRETE WASHOUT	N/A
2. DIVERSIONS/DITCH CHECKS	s	10. RECORDS, REPORTS & PLANS ON SITE		N/D	18. PUBLIC NOTICE SIGN	N/D
3. SEDIMENT TRAPS/BASINS	N/A	11. STABLE CONSTRUCTION ENTRANCE		S	19. SEDIMENT LADEN WATER LEAVING SITE	U
4. OUTLET MARKERS	N/A	12. MUD ON ROADWAY/DUST		S	20. CONDITIONS NOT ALLOWABLE	No
5. WASTE/BORROW SITES	N/A	13. APPROPRIATE BMP'S IMPLEMENTED		S	21. SWPPP/ GPP/PERMIT COMPLIANCE	S
6. OPERATIONS & MAINTENANCE	s	14. FILL SLOPE PROTECTION		S	22. ORDER COMPLIANCE	N/A
7. WATER BARS	s	15. DEVICES INSTALLED IN TIMELY MANNER		S	23. OTHER:	
8. STABILIZATION PRACTICES	S	16 DROP INLET PROTECTION		N/A	24. OTHER:	

### COMMENTS DEFICIENCIES AND RECOMMENDATIONS

### **Comments:**

A partial inspection of MVP Right of Way (ROW) was conducted for Spread D on 06/19/19 in Nicholas county, WV. MVP ROW was inspected from station No.'s 6587+00 through 6531+00. MVP ROW throughout these station numbers had recently been maintained. Waterbars had been reworked and regraded. Waterbar outlet controls had been maintained, reinforced, and enhanced. However, at station No. 6587+00 where CR18 intersects the MVP ROW there was evidence that several Waterbar outlet controls had failed and a significant amount of sediment deposits were observed past the LOD and above Stream S-L38. These controls had recently been maintained with sections of P1 Silt fence added downslope of the original outlet controls. Scouring of leaf litter was present and evidence that Run-off had entered Stream S-L38 was observed. Stream S-L38 had sediment present both upstream of the MVP

ROW and downstream of where the leaf litter and debris were transported to the bank of this stream. It couldn't be determined if Sediment Laden Water had impacted Stream S-L38 on the day of inspection.

### **Areas inspected included:**

- From Station No.'s 6587+00 through 6531+00
- Access Roads MVP-NI-157, MVP-NI-158
- Streams S-L38 and S-L141

### **Deficiencies:**

1. **(19)** Above stream S-L38 evidence was observed that sediment laden water (SLW) had left the site at station No. 6587+00. Sediment deposits were observed below these controls approximately 75 feet towards stream S-L38.

	Jasur Lidelle		
INSPECTOR:	Jason Liddle	Telephone:	304-859-4399
			Modified: 10-15-2017 JHH

# STATE OF WEST VIRGINIA Department of Environmental Protection Environmental Enforcement

### NOTICE OF VIOLATION

Violation No <u>W19-51-018-JTL</u>

To the Operator or Agent of:

Facility Name: Mountain Valley Pipeline Project Permit No. WVR310667

Permittee or Individual: MOUNTAIN VALLEY PIPELINE, LLC

Located at or near: CR 18 ROW crossing at Station No. 6587+00 in Nicholas County

Representative: MATTHEW HOOVER Date: 6/19/19 Time: 12:00pm

Address / phone number: 625 LIBERTY AVE, ST 1700, PITTSBURG, PA 15222 / 7248733645

Whereas, an inspection of the above-named operation by the undersigned, duly authorized agent of the Secretary, at which the following described condition or practice exists, in violation of Chapter 22, Article 11, Section(s) 1 et. Seq. of the Code of West Virginia and/or Section(s) of the Rules and Regulations and/or Section(s) G. of the Permit referenced above promulgated thereunder in that you:

Have violated the following terms and conditions of WV General Water Pollution Control Permit No.

WV0116815, Registration No. WVR310667:

Section G.4.e.2.A.ii.j-Permittee has allowed sediment laden to leave the site without going through and appropriate device: At station No. 6587+00 evidence was observed that sediment laden water had left the site due to sediment deposits being present past controls and the LOD above Stream S-L38.

The following corrective measures were discussed with you at the time of this inspection: <u>Take measures to correct the aforementioned violations.</u>

Within <u>20</u> days provide a written response to the inspector named below, at the address indicated, detailing the actions taken to abate this violation.

Received by:

Sent Certified Mail--70182290000083446194

Signature

Title

Duly Authorized Agent / 304-859-4399
Inspector

Telephone

E-mail

Send Response to the Inspector at the address indicated below:

WV Department of Environmental Protection Environmental Enforcement / WW

1159 Rahall Greenway, Fayetteville, WV 25840



Waterbar Outlet and primary controls at Station No. 6587+00 facing towards Additional Workspace and CR 18.



Waterbar Outlet with enhanced secondary controls added at Station No. 6587+00.



Downslope of Waterbar outlet controls at Station No. 6587+00. Arrow depicts Sediment Deposits.



Downslope of Waterbar outlet controls at Station No. 6587+00. Arrow depicts Sediment Deposits.



Sediment deposits present above Stream S-L38.



Sediment deposits above Stream S-L38. Arrow depicts stream location.



Scouring of stream bank below where sediment deposits were observed above Stream S-L38.



Sediment deposits below scouring on stream bank of S-L38 and below controls approximately 75 feet downslope of Station No. 6587+00. Arrow depicts sediment deposits.



Stream S-L38 facing downstream at MVP ROW crossing.



Stream S-L38 facing upstream at MVP ROW crossing.



Facing South at Access Road 157 at Station No. 6549+60.



Facing North towards Access Road 155 and Jim's Creek (Stream S-L141) Crossing at Station No. 6531+00.

## SENDER: COMPLETE THIS SECTION Article Addressed to: Attach this card to the back of the mailpiece so that we can return the card to you Print your name and address on the reverse Complete items 1, 2, and 3. or on the front if space permits. MOUNTAIN VALLEY PIPELINE, LLC Canonsburg, PA 15317 2200 Energy Drive, 2nd Floor Attn: MATTHEW HOOVER D. Is delivery address different from item 1? B. Received by (Printed Name) A. Signate COMPLETE THIS SECTION ON DELIVERY Service Type If YES, enter delivery address below: Priority Mail Express® G-Date of Delivery Agent Agent ☐ Addressee

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First-Class Mail Postage & Fees Paid USPS Permit No. G-10

9590 9402 4511 8278 8238 78

United States
Postal Service

Sender: Please print your name, address, and ZIP+4® in this box

WV DEP

Environmental Enforcement 1159 Nick Rahall Greenway Fayetteville, WV 25840