



# Mountain Valley Pipeline Project – Spread G

## Environmental Auditor Quarterly Report for Q4 2021

### January 15, 2022

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#### Environmental Auditor Contact Information

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#### I. Introduction

The Spread G (Construction Spread 8 and a portion of Spread 9) portion of the Mountain Valley Pipeline Project H-600 (Project) within the state of Virginia begins at approximate station 10377+20 in Giles County and ends at approximate station 12005+00 in Montgomery County. The Spread G Project includes right of way for the pipeline, laydown yards, additional temporary workspaces (ATWS) and temporary/permanent access roads. Spread G is located in the Counties of Giles, Craig, and Montgomery with approximately 3.5 miles located within the Jefferson National Forest.

As required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity, Mountain Valley Pipeline, LLC (MVP) has developed Annual Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has inspection staff requirements on the Spread G Project to include a Lead Environmental Inspector (LEI) and a staff of Environmental Inspectors (EIs). The LEI/EIs obtained the Virginia DEQ (VADEQ) ESC/SWM Inspector Certifications. In addition to these Certifications, the LEI also obtained the VADEQ Program Administrator Certification. The MVP Environmental inspection staff is responsible for conducting routine daily inspections and inspecting all temporary BMPs every four business days per the Storm Water Pollution Prevention Plan (SWPPP) requirements to ensure environmental compliance. These inspections are documented via Visual Site Inspection Reports (VSIRs) and internal/external communication to ensure the repair of all ineffective temporary ESC measures within 24 hours of identification, **or** as soon as conditions allow if compliance within this time frame would result in greater environmental impacts (provided the VADEQ concurs). Temporary ESC measures that are still effective but found to be in need of routine maintenance must be maintained within three days unless an extension is granted by VADEQ.

The Spread G EIs currently conduct inspections for the following geographical locations:

- Giles, Craig and Montgomery Counties
  - 10654+00-11064+53
  - 11064+53-11524+16
  - 11524+16-11600+01 - Includes Sinking Creek Mountain (Jefferson National Forest)
  - 11600+01-12005+00
  - 11618+91-11669+87 - Brush Mountain (Jefferson National Forest)
  - 11669+87-12005+00
  - Laydown Yards: LY-026, LY-028 and LY-029

Inspections did not occur from October 1, 2021 through December 31, 2021 between approximate stations 10377+20-10654+29 as earth disturbance activities have not commenced within these areas.

During the Q4 reporting period, active construction activities occurred at MVP-GI-242.01.

The following portions of the right of way have been permanently restored via final grading and permanent stabilization per the approved Standard and Specification Details and the ESC/Post Construction SWM Plans:

- 11167+83 to 11222+25
- 11443+50 to 11367+00
- 11548+00 to 11526+57
- 11792+00 to 12002+00
- 11145+50 to 11071+80

## **II. Information Reviewed to Prepare Quarterly Report**

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from October 1, 2021 through December 31, 2021 (end of reporting period for Q4 2021):

- MVP Daily Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the Lead Environmental Inspectors (LEIs);
- Stormwater Pollution Prevention Plan VSIRs;
- Project Rain Gauge Data;
- Spread G Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection Reports;
- Stormwater Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (E&SC) Plans and Post Construction Stormwater Management (SWM) Plans; and
- Third party complaint submitted to the FERC on December 16, 2021

The Environmental Auditor also relied on assistance and information from the MVP Environmental staff MVP Chief Environmental Inspector, MVP Spread G Environmental inspection staff, contractor (Environmental and Construction staff), ODCP Inspection staff, Geotechnical staff and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall summary from October 1, 2021 through December 31, 2021 (Q4 reporting period). **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

## **III. Quarterly Summary of Environmental Inspector Observations**

Per Table G-1A, the EIs observed a total of 289 daily punchlist items requiring repair/maintenance throughout the Q4 reporting period. The Environmental Auditor noted 33 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic and landowner traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted.

During the Q4 reporting period all items provided on the punchlist were communicated to the contractor environmental staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization). **Refer to Sections IV., VI. and VII. below for further discussions.**

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table G-1A provides a summary of maintenance/repair items identified by the EIs throughout the Q4 reporting period:

**Table G-1A**

<b>Spread G Environmental Inspector Observations: October 1, 2021 – December 31, 2021</b>					
<b>Monthly Observation</b>	<b>Total Number Observations</b>	<b>Environmental Resource Impacts</b>	<b>Off Right of Way Impacts</b>	<b>Right of Way Impacts Caused by Third Parties</b>	<b>Weather Related Damage</b>
October 2021	157	0	0	11	0
November 2021	104	0	0	11	0
December 2021	28	0	0	11	0

\*Includes Carry Over Items

The EIs conducted a total of 284 SWPPP inspections and provided respective VSIRs throughout the Q4 reporting period. Upon review of the SWPPP VSIRs, it appears that the EIs' observations were communicated to the contractor and noted issues were maintained/repared within the same day or within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization).

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard 026 from October 1, 2021 through December 31, 2021. Twenty-six inspections were conducted in October, twenty inspections were conducted in November (Holiday on 11/25/2021 and 11/26/2021 and twenty-three inspections were conducted in December. A fuel spill near the primary containment area was observed by the ODCP inspector on 10/29/2021. The spill was immediately cleaned up and documented by the ODCP inspector on 10/30/2021. A small spill was observed near a primary containment unit on 12/13/2021. The ODCP inspector observed the spill immediately cleaned up and documented the cleanup in the ODCP Inspection Report and Photo Log on 12/14/2021.

An approximate total of 31 recordable precipitation events occurred during the Q4 reporting period. No off right of way or environmental resource impacts occurred during the Q4 reporting period.

Based on rainfall gauge data provided by the Spread G EIs, the following Table G-1B is a summary of monthly rainfall dates, amounts based on lowest to highest rates, and estimated event duration for each event throughout the Q4 reporting period:

**Table G-1B**

<b>Spread G Rainfall and Duration Rates: October 1, 2021 – December 31, 2021</b>					
<b>October</b>		<b>November</b>		<b>December</b>	
<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>	<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>	<b>Date Recorded</b>	<b>Rainfall and Approximate Duration</b>
10/3/2021	0.0"-0.65" – 1 Hour	11/2/2021	0.05"-0.3" – 1 Hour	12/10/2021	0.3"-0.5" – 2 Hours
10/4/2021	0.0"-0.3" – 2 Hours	11/11/2021	0.5"-1.15" – 2 Hours	12/12/2021	0.2"-0.4" – 2 Hours
10/5/2021	0.0"-0.4" – 2 Hours	11/18/2021	0.0"-0.1" – 2 Hours	12/19/2021	0.1"-0.3" – 5 Hours
10/6/2021	0.0"-0.1" – 1 Hour	11/21/2021	0.0"-0.1" – 1 Hour	12/26/2021	0.0"-0.3" – 4 Hours
10/7/2021	0.05"-0.2" – 1 Hour	11/25/2021	0.0"-Trace – 1 Hour	12/29/2021	0.1"-0.3" – 6 Hours
10/8/2021	0.05"-0.6" – 1 Hour			12/31/2021	0.3"-1.3" – 12 Hours
10/9/2021	0.0"-0.45" – 1 Hour				
10/16/2021	0.0"-0.15" – 1 Hour				
10/21/2021	0.0"-0.3" – 1 Hour				
10/25/2021	0.3"-0.55" – 2 Hours				
10/28/2021	0.4"-1.9" – 2 Hours				
10/29/2021	0.1"-0.85" – 1 Hour				

#### **IV. Quarterly Summary of VADEQ Observations**

Per Table G-1C, the VADEQ Inspectors observed a total of 9 items requiring repair/maintenance throughout the Q4 reporting period. During this reporting period, the Environmental Auditor noted no items identified by the VADEQ as ESC measures damaged due to impacts caused by third party activities. All items provided on the punchlist for the reporting period were communicated to the contractor staff and addressed within the VADEQ approved timeframe (24 hours/Three Days or as extended by VADEQ authorization).

During the Q4 reporting period, the VADEQ did not identify off right of way or environmental resource impacts throughout the Spread I project area. **Refer to Table G-1C and the respective Bi-Weekly Reports for further detailed information.**

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following summary provides maintenance/repair items identified by the VADEQ Inspectors throughout the Q4 reporting period:

**Table G-1C**

<b>Spread G VADEQ Observations: October 1, 2021 – December 31, 2021</b>					
<b>Monthly Observation</b>	<b>Total Number Observations</b>	<b>Environmental Resource Impact</b>	<b>Off Right of Way Impact</b>	<b>Right of Way Impacts Caused by Third Parties</b>	<b>Weather Related Damage</b>
October 2021	1	0	0	0	0
November 2021	5	0	0	0	0
December 2021	3	0	0	0	0

#### **V. Quarterly Summary of Landowner/Third Party Issues**

A third party complaint report titled "Documenting the Damage" dated December 13, 2021 was submitted by Wild Virginia to the FERC on 12/16/2021. The complainant alleges that "MVP has violated rules imposed by the Board's water quality certification for upland activities" and discusses the following within the report: "State Inspection Reports", "Sediment Releases Off MVP Rights of Way", "Serious and Repeated Offenses", "Plans Aren't Implemented as Required", and "Deadline Missed". MVP is currently reviewing the complaint and developing a response, which will be reviewed by the Environmental Auditor.

#### **VI. Quarterly Summary of Environmental Auditor Observations and Recommendations**

Per Table G-1D, the Environmental Auditor conducted 29 site evaluations during the Q4 reporting period and observed locations where ESC measures required proper installation, repair/maintenance or additional (enhanced) ESC measures be installed. The Environmental Auditor provided recommendations to enhance existing or install additional ESC measures as necessary to minimize potential erosion and sediment impacts. During the reporting period, the Environmental Auditor evaluated the ESC and SWM measures throughout the project for proper installation and functionality. The Environmental Auditor communicated observations and recommendations with the Spread G Environmental inspection staff, contractor staff and MVP Environmental staff (includes the Chief EI). Repair/maintenance items and recommendations were forwarded to the Spread G LEI and most recommendations were addressed. The recommendations by the Environmental Auditor to conduct repair/maintenance and/or install enhanced ESC measures pertained to runoff control, erosion control, and sediment control Best Management Practices (BMPS). The Spread G Environmental inspection staff, contractor Environmental staff, Chief EI, and Environmental Auditor continue to monitor locations throughout the right of way and communicate/coordinate to repair/maintain and implement enhanced ESC measures as necessary.

The Environmental Auditor conducted frequent evaluations of construction activities at the MVP-GI-242.01 access road and communicated/coordinated with the Spread G LEI and the MVP Environmental (includes the Chief EI) regarding recommendations related to proper waterbar/broad based dip installation, runoff control measures to address potential upslope off right of run on sources and stabilization measures. The Environmental Auditor conducted evaluations at locations where post construction site restoration activities were occurring and completed. The Environmental Auditor provided guidance and recommendations related to permanent waterbar end treatments installation, and monitoring recommendations where hydraulic mulch was applied as part of final restoration activities and to install enhanced erosion control measures as necessary.

The Environmental Auditor noted that Daily Punchlists were not submitted on 11/11/2021, 11/12/2021, 11/15/2021, 11/19/2021, 12/8/2021, 12/10/2021, and 12/14/2021. Corrective action items were either identified on or before the aforementioned dates. Punchlists were subsequently submitted and documented that all corrective action items were completed within the required timeframe; however, there was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff (including the Chief EI) regarding observations related to Daily Punchlists not submitted in a timely manner. **Refer to Section VII. and the Bi-Weekly Reports for further discussion.**

The Environmental Auditor continues to communicate with the Spread /G Environmental inspection staff, MVP Environmental staff (including the Chief EI), and contractor staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance.

The following Table G-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q4 reporting period.

**Table G-1D**

<b>Environmental Auditor Field Observations: October 1, 2021 – December 31, 2021</b>	
<b>Month</b>	<b>Total Observations</b>
October 2021	7
November 2021	8
December 2021	14

**VII. Conclusion(s)**

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated Daily Punchlists, ODC reports, VSIR/SWPPP reports, communicated with the Spread G Environmental inspection staff, Chief EI, and the MVP Environmental staff and has concluded the following for the Spread G Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP’s Annual Standards and Specifications, erosion and sediment control plans, and stormwater management plans; however, Daily Punchlists were not submitted with updates on 11/11/2021, 11/12/2021, 11/15/2021, 11/19/2021, 12/8/2021, 12/10/2021, and 12/14/2021;
- The temporary ESC measures were properly installed, inspected, and maintained;
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP’s Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q4 reporting period. The Environmental Auditor recommends continued communication between the MVP Environmental inspection staff and the contractor to ensure all ESC measures are installed and functional and Daily Punchlists are submitted in a timely manner to ensure compliance will be maintained with the approved Annual Standards and Specifications.

In accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP’s Annual Standards and Specifications, MVP’s Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP’s power to correct have been corrected. As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q3 2021 Reports in which sediment has left the ROW but MVP’s requests for landowner permission to take corrective measures have been denied.

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 9/20/2021 through 10/3/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

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Report Period Ending: 10/3/2021 (This Bi-Weekly Report split the end of the Q3 reporting period on 9/30/2021 and beginning of the Q4 Quarterly reporting period on 10/1/2021)

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: <b>29</b> conducted from 9/20/2021 through 10/3/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/20/2021 through 10/3/2021 (Includes Carry Over Items from 9/19/2021): <b>304</b>											
Total Number of ODCP Inspections at Laydown Yard 026: <b>6</b> (9/20/2021-9/25/2021); <b>6</b> (9/27/2021 through 10/2/2021)											
Total Number of VADEQ Observations from 9/20/2021 through 10/3/2021: <b>0</b>											
Total Number of Landowner/Third Party Complaints: <b>0</b>											
Total Number of Right of Way Impacts Caused by Third Parties: <b>9</b> (wildlife traffic and livestock traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): <b>0</b>											
Total Number of Off Right of Way impacts: <b>16</b> (The impacted areas identified on 9/22/2021 experienced a prolonged rainfall event with periods of high intensity/short duration rainfall. The rainfall event resulted in approximately 3.5 inches at two locations in 5 hours and 5.5 inches at the remaining 14 locations in 5 hours. The ESC measures were repaired/maintained and enhanced, off right of way sediment was cleaned up, and the impacted areas stabilized. <b>Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.</b> )											
Total Number of Environmental Resource Impacts: <b>2</b> (1. On 9/22/2021 S-NN14 was observed to be impacted via access road gravel washout due to a storm event producing intervals of high intensity/short duration rainfall which began on 9/21/2021. This storm event produced approximately 5.5 inches in 5 hours. The gravel was removed from the stream and upland location between the stream and access road. Enhanced sediment control measures were installed along the access road. 2. An environmental resource impact occurred at S-RR13 when flood waters partially dislodged a temporary bridge. The bridge, which remained within the right of way, impacted the streambank during the flooding. The streambank was repaired and stabilized and the bridge crossing repaired. <b>Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations for further discussion.</b> )											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: <b>0</b>											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 9/20/2021 through 10/3/2021											
CARRY OVER ITEMS FROM 9/19/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
9/20/2021		42					42		17 on 9/21/2021	25 on 9/21/2021	Forty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/21/2021	2.0"-5.5" - 5 Hours *High intensity/short duration rainfall	11				3	8		3 on 9/22/2021	8 on 9/24/2021	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
9/22/2021	0.15"-0.7" - 2 Hours *Rainfall event from 9/21/2021	142	2 (S-NN14 and S-RR13)	16			124	3 on 9/23/2021 to be completed on 9/25/2021 (24-Hour items) 1 on 9/24/2021 to be completed on 9/27/2021 3 on 9/24/2021 to be completed on 9/28/2021 1 on 9/24/2021 to be completed on 9/29/2021	89 on 9/23/2021 3 on 9/24/2021 (Ext. Requests)	40 on 9/23/2021 5 on 9/24/2021 2 on 9/25/2021 (Ext. Requests) 1 on 9/27/2021 (Ext. Request) 2 on 9/28/2021 (Ext. Requests)	One hundred forty-two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Sixteen of the identified items were identified as off right of way sediment impacts approximately 3, 25, 50, 2, 3, 10, 5, 30, 10, 10, 75, 100, 5, 5, 10 and 5-feet within upland areas. The ESC measures were repaired/maintained and enhanced as needed. The off right of way sediment/gravel was cleaned up and the impacted areas stabilized. Agency Compliance Forms (PARs #686, 687, 689, 690, 691, 692, 693, and 694) were submitted by the Spread G Environmental Inspection staff on 9/23/2021.  An environmental resource impact occurred due to access road gravel displaced and traveling approximately 20 feet to S-NN14. The gravel was subsequently cleaned up at S-NN14 and between the access road and stream. Enhanced sediment control measures were placed along the access road above S-NN14.  An environmental resource impact occurred a S-RR13 when flood waters partially dislodged a temporary bridge. The bridge, which remained in the right of way, impacted the streambank during the flooding. The streambank was repaired and stabilized and the bridge crossing repaired. An Agency Compliance Form (PAR #695) was submitted by the Spread G Environmental Inspection staff on 9/23/2021.
9/23/2021		38					38	3 on 9/24/2021 to be completed on 9/27/2021	24 on 9/24/2021 3 on 9/25/2021 (Ext. Requests)	11 on 9/24/2021	Thirty-eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/24/2021		8					8		3 on 9/25/2021	5 on 9/25/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/25/2021		1					1			1 on 9/28/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
9/27/2021		12				3	9		6 on 9/28/2021	6 on 9/28/2021	Twelve items were identified requiring ESC repair/maintenance and completed within the required timeframe. Three of the identified items were caused by third party impacts related to wildlife traffic.
9/28/2021		13					13		12 on 9/29/2021	1 on 10/1/2021	Thirteen items were identified requiring ESC repair/maintenance completed within the required timeframe.
9/29/2021		28					28		11 on 9/30/2021	6 on 9/30/2021 11 on 10/1/2021	Twenty-eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
9/30/2021		3				3	0		3 on 10/1/2021		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items were identified items were caused by third party impacts related to livestock traffic.
10/1/2021		6					6		3 on 10/2/2021	3 on 10/2/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.

VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS				
9/23/2021	The Environmental Auditor conducted site evaluations at Old Furnace Road/MVP-GI-256.02 (GAS) and Steele Acres Road/MVP-CR-258.01 (CIS).						The Environmental Auditor conducted a post rainfall event evaluation and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, repair/maintenance, and installing enhanced ESC measures.				
9/20/2021 through 10/3/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project.						The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes										





LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
10/11/2021	The Environmental Auditor conducted site evaluations at MVP-GI-244 (CIS) and Doe Creek Road (CIS).	The Environmental Auditor conducted a post rainfall event evaluation and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental and contractor staff regarding observations and recommendations related ESC measures repair/maintenance, and installing enhanced ESC measures.	
10/4/2021 through 10/17/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 10/18/2021 through 10/31/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

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Report Period Ending: 10/31/2021

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 27 conducted from 10/18/2021 through 10/31/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 10/18/2021 through 10/31/2021 (Includes Carry Over Items from 10/17/2021): 46											
Total Number of ODCP Inspections at Laydown Yard 026: 6 (10/18/2021-10/23/2021); 6 (10/25/2021 through 10/30/2021): A fuel spill near the primary containment area was observed by the ODCP inspector on 10/29/2021. The spill was immediately cleaned up and documented by the ODCP inspector on 10/30/2021.											
Total Number of VA DEQ Observations from 10/18/2021 through 10/31/2021: 1											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 4 (wildlife traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 10/18/2021 through 10/31/2021.											
CARRY OVER ITEMS FROM 10/17/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
10/18/2021		4					4		1 on 10/19/2021	3 on 10/19/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/19/2021		7					7		4 on 10/20/2021	3 on 10/20/2021	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/20/2021		4					4		1 on 10/21/2021	2 on 10/22/2021 1 on 10/23/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/21/2021	0.0"-0.3" - 1 Hour	1					1		1 on 10/22/2021		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
10/25/2021	0.3"-0.55" - 2 Hours	2					2		2 on 10/26/2021		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/26/2021		4					4			4 on 10/27/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/27/2021		3					3			3 on 10/28/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
10/28/2021	0.4"-1.9" - 2 Hours	13				4	9		10 on 10/28/2021	3 on 10/28/2021	Thirteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. Four of the identified items were caused by third party impacts related to wildlife traffic.
10/29/2021	0.1"-0.85" - 1 Hour	8					8		6 on 10/30/2021	2 on 10/30/2021	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
10/26/2021		1					1			1 on 10/27/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
10/18/2021	The Environmental Auditor conducted site evaluations at MVP-GI-249 (CIS) and Winding Way Drive (CIS).	The Environmental Auditor conducted site evaluations and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental and contractor staff regarding observations and recommendations related to PCSWM measures installation.	
10/25/2021	The Environmental Auditor conducted site evaluations at the following locations: Big Stony Creek Road (CIS/GAS), MVP-GI-241.01 (CIS/GAS), and MVP-GI-241.04 (GAS).	The Environmental Auditor conducted site evaluations and observed locations where ESC measures were installed and functional at the time of the evaluation.	
10/18/2021 through 10/31/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 11/1/2021 through 11/14/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 11/14/2021

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 54 conducted from 11/1/2021 through 11/14/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 11/1/2021 through 11/14/2021 (Includes Carry Over Items from 10/31/2021): 75 (Refer to Environmental Auditor Field Observations and Recommendations below)											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (11/1/2021-11/5/2021); 5 (11/8/2021 through 11/12/2021)											
Total Number of VA DEQ Observations from 11/1/2021 through 11/14/2021: 5											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 3 (wildlife traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 11/1/2021 through 11/14/2021.											
CARRY OVER ITEMS FROM 10/31/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/1/2021		14					14		10 on 11/2/2021	3 on 11/2/2021 1 on 11/3/2021	Fourteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/2/2021	0.05"-0.3" - 1 Hour	3					3		2 on 11/3/2021	1 on 11/3/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/3/2021		21					21	1 on 11/4/2021 to be completed on 11/8/2021 due to saturated/unsafe conditions	12 on 11/4/2021 1 on 11/8/2021 (Ext. Request)	6 on 11/4/2021 2 on 11/5/2021	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the completed items received an extension request approval.
11/4/2021		3				2	1		3 on 11/5/2021		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
11/5/2021		2				1	1		1 on 11/5/2021	1 on 11/5/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
11/8/2021		10					10		3 on 11/9/2021	5 on 11/9/2021 2 on 11/10/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/9/2021		10					10		4 on 11/10/2021	6 on 11/10/2021	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/10/2021		6					6		5 on 11/11/2021	1 on 11/11/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/12/2021		6					6		4 on 11/12/2021	2 on 11/12/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
11/1/2021		3					3			3 on 11/2/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
11/3/2021		1					1		1 on 11/3/2021		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
11/8/2021		1					1			1 on 11/9/2021	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
11/8/2021	The Environmental Auditor conducted site evaluations at the following locations: Kow Camp Road (CIS/GAS), Doe Creek Road (CIS/GAS), and MVP-GI-245.02.	The Environmental Auditor conducted site evaluations and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G Environmental staff regarding observations and recommendations related to proper soil stabilization blanket installation, installing sediment control measures, and monitoring slopes.	
11/11/2021	The Environmental Auditor conducted site evaluations at the following locations: Stevers Gap Trail (CIS), Steele Acres Road (CIS/GAS), and Old Furnace Road/MVP-GI-256.02.	The Environmental Auditor conducted site evaluations and observed locations where ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to monitoring ESC measures and slopes.	
11/1/2021 through 11/14/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 11/9/2021 and 11/11/2021 regarding the upcoming Bi-Weekly Report. <b>The Environmental Auditor noted no Daily Punchlists were submitted on 11/11/2021, 11/12/2021, and 11/15/2021. Punchlists items were identified on 11/10/2021 and 11/12/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/16/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates.</b>	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. <b>However, the MVP Punchlists updates were not submitted on 11/11/2021, 11/12/2021, and 11/15/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/16/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications.</b>	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	The Environmental Auditor noted no Daily Punchlists were submitted on 11/11/2021, 11/12/2021, and 11/15/2021. Punchlists items were identified on 11/10/2021 and 11/12/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/16/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications.	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		



LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
11/15/2021 through 11/28/2021	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 11/18/2021 regarding the upcoming Bi-Weekly Reporting period ending on 11/28/2021. The Environmental Auditor noted no Daily Punchlist was submitted on 11/19/2021. Punchlists items were identified on 11/18/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/22/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. However, the MVP Daily Punchlist was not submitted on 11/19/2021. Punchlists items were identified on 11/18/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/22/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	The Environmental Auditor noted no MVP Daily Punchlist submitted on 11/19/2021. Punchlists items were identified on 11/18/2021. The identified corrective action items were documented as completed within the required timeframe on the 11/22/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications.	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		





LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
11/29/2021	The Environmental Auditor conducted site evaluations at Brush Mountain Road/FR 188 (CIS/GAS) and Craig Creek Road/MVP-MN-258.04.	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures were installed and functional at the time of the evaluation.	
12/3/2021	The Environmental Auditor conducted site evaluations at Doe Creek (CIS/GAS) and MVP-GI-242.01.	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI regarding observations and recommendations related to a damaged slope drain pipe and inquire about ESC measures installation at MVP-GI-242.01.	
12/8/2021	The Environmental Auditor conducted site evaluations at the following locations: Big Branch Hollow Road (GAS), Cascade Drive (CIS), Kow Camp Road (CIS), and MVP-GI-242.01	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and MVP Environmental staff (including the Chief EI) regarding observations and recommendations related to proper ESC measures installation.	
12/10/2021	The Environmental Auditor conducted site evaluations at MVP-GI-244 (CIS/GAS) and MVP-GI-249.01 (GAS).	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures were installed and functional at the time of the evaluation.	
11/29/2021 through 12/12/2021	The Environmental Auditor reviewed the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 12/2/2021 and 12/9/2021 regarding the upcoming Bi-Weekly Reporting period ending on 12/12/2021. The Environmental Auditor reminded each Spread to submit relevant Punchlists and SWPPP Inspection Reports on time and to document third party impacts within the Punchlists. Per previous communications, the Environmental Auditor continues to recommend updating and providing the punchlist on a daily basis when corrective actions are observed. The Environmental Auditor observed construction activities occurring at MVP-GI-242.01 and noted written documentation within the 12/1/2021 and 12/7/2021 SWPPP Inspection Reports; however, no photos of the construction activities and installed ESC measures were provided. The Environmental Auditor communicated with the LEI on 12/7/2021 and recommended that photos of construction activities and ESC measures occurring at MVP-GI-242.01 be provided within the SWPPP Inspection reports. The Environmental Auditor noted no Daily Punchlists were submitted on 12/8/2021 and 12/10/2021. Punchlist items were identified on 12/7/2021 and 12/8/2021 and the corrective action items were documented as completed within the required timeframe on the 12/9/2021 Daily Punchlist. Punchlist items were identified on 12/10/2021 and the corrective action items were documented as completed within the required timeframe on the 12/13/2021 Daily Punchlist. There was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. However, per previous communications Daily Punchlists were not submitted on 12/8/2021 and 12/10/2021. The identified corrective action items were documented as completed within the required timeframe on the 12/9/2021 and 12/13/2021 Daily Punchlists, respectively. There was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates. The Environmental Auditor continues to communicate with the Spread G Environmental inspection staff and the MVP Environmental staff (including the Chief EI) regarding timely submissions of Daily Punchlists to meet the MVP Annual Standards and Specifications requirements. The Environmental Auditor also continues to recommend identifying specific third party impacts to ESC measures within the Daily Punchlists, and providing photo documentation of active construction activities and related ESC measures within SWPPP Inspection Reports.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	The Environmental Auditor noted no Daily Punchlists were submitted on 12/8/2021 and 12/10/2021. Punchlist items were identified on 12/7/2021 and 12/8/2021 and the corrective action items were documented as completed within the required timeframe on the 12/9/2021 Daily Punchlist. Punchlist items were identified on 12/10/2021 and the corrective action items were documented as completed within the required timeframe on the 12/13/2021 Daily Punchlist. There was an oversight in transferring that information via the Daily Punchlists to the VADEQ on those dates. The Environmental Auditor continues to communicate with the Spread G Environmental inspection staff and the MVP Environmental staff (including the Chief EI) regarding timely submissions of Daily Punchlists.	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 12/13/2021 through 12/26/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 12/26/2021

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 46 conducted from 12/13/2021 through 12/26/2021 (includes LY-026) (Refer to Environmental Auditor Field Observations and Recommendations)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/13/2021 through 12/26/2021 (Includes Carry Over Items from 12/12/2021): 15 (Refer to Environmental Auditor Field Observations and Recommendations)											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (12/13/2021 through 12/17/2021); 5 (12/20/2021 through 12/24/2021): A small spill was observed near a primary containment unit on 12/13/2021. The ODCP inspector observed the spill immediately cleaned up and documented the clean up in the ODCP Inspection Report and Photo Log.											
Total Number of VA DEQ Observations from 12/13/2021 through 12/26/2021: 3											
Total Number of Landowner/Third Party Complaints: 1 (A third party complaint report titled "Documenting the Damage" dated December 13,2021 was submitted by Wild Virginia to the FERC on 12/16/2021. The complainant alleges that "MVP has violated rules imposed by the Board's water quality certification for upland activities" and discusses the following within the report: "State Inspection Reports", "Sediment Releases Off MVP Rights of Way", "Serious and Repeated Offenses", "Plans Aren't Implemented as Required", and "Deadline Missed". MVP is currently reviewing the complaint and developing a response, which will be reviewed by the Environmental Auditor).											
Total Number of Right of Way Impacts Caused by Third Parties: 6 (wildlife traffic and landowner traffic)											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/13/2021 through 12/26/2021.											
CARRY OVER ITEMS FROM 12/12/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/13/2021		2				1	1		1 on 12/13/2021	1 on 12/13/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.
12/14/2021		1					1		1 on 12/14/2021		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
12/15/2021		6				2	4		2 on 12/16/2021	4 on 12/16/2021	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
12/16/2021		2				1	1		1 on 12/17/2021	1 on 12/17/2021	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.
12/20/2021		4				2	2		2 on 12/21/2021	2 on 12/21/2021	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to wildlife traffic.
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
12/16/2021		3					3			3 on 12/17/2021	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
12/13/2021 Report submitted to FERC on 12/16/2021	Multiple	Multiple	A third party complaint report titled "Documenting the Damage" dated December 13,2021 was submitted by Wild Virginia to the FERC on 12/16/2021. The complainant alleges that "MVP has violated rules imposed by the Board's water quality certification for upland activities" and discusses the following within the report: "State Inspection Reports", "Sediment Releases Off MVP Rights of Way", "Serious and Repeated Offenses", "Plans Aren't Implemented as Required", and "Deadline Missed". MVP is currently reviewing the complaint and developing a response, which will be reviewed by the Environmental Auditor.
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
12/16/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-242.01, Doe Creek Road (GAS), and MVP-GI-249.	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures and PCSWM measures were installed and functional at the time of the evaluation.	
12/17/2021	The Environmental Auditor conducted site evaluations at the following locations: MVP-CR-258.02 (CIS/GAS), Stevers Gap Trail (CIS/GAS), and Old Furnace Road/MVP-GI-256.02 (CIS/GAS).	The Environmental Auditor conducted site evaluations and observed locations where the ESC measures and PCSWM measures were installed and functional at the time of the evaluation. The Environmental Auditor communicated with the LEI and Chief EI regarding monitoring recommendations related to temporary stabilization.	
12/13/2021 through 12/26/2021	The Environmental Auditor reviewed the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 12/16/2021 regarding the upcoming Bi-Weekly Reporting period ending on 12/26/2021. The Environmental Auditor continues to communicate with the MVP Environmental staff to provide photos of active construction activities with ESC measures within the SWPPP Inspection reports. <b>The Environmental Auditor noted no MVP Daily Punchlist was submitted on 12/14/2021 and a punchlist item was identified that day. The identified corrective action item was documented as completed within the required timeframe on the 12/15/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date.</b>	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. <b>However, no MVP Daily Punchlist submitted on 12/14/2021 and a punchlist item was identified that day. The identified corrective action item was documented as completed within the required timeframe on the 12/15/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications. The Environmental Auditor also continues to recommend providing photo documentation within SWPPP Inspection Reports for areas under active construction activities with related ESC measures.</b>	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	No	The Environmental Auditor noted no MVP Daily Punchlist submitted on 12/14/2021 and a punchlist item was identified that day. The identified corrective action item was documented as completed within the required timeframe on the 12/15/2021 Daily Punchlist; however, there was an oversight in transferring that information via the Daily Punchlist to the VADEQ on that date. The Environmental Auditor continues to communicate with the Spread G LEI and MVP Environmental staff (includes Chief EI) regarding timely Daily Punchlist submissions to comply with the MVP Annual Standards and Specifications.	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes		

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 12/27/2021 through 12/31/2021

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 12/31/2021

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 26 conducted from 12/27/2021 through 12/31/2021 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 12/27/2021 through 12/31/2021 (Includes Carry Over Items from 12/26/2021): 0 (The Environmental Auditor confirmed with the Spread G LEI that no punchlist items were identified for this reporting period)											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (12/27/2021 through 12/31/2021)											
Total Number of VA DEQ Observations from 12/27/2021 through 12/31/2021: 0 (The Environmental Auditor confirmed with the Spread G LEI that no punchlist items were identified for this reporting period)											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 0											
Total Number of Right of Way Impacts Caused by Weather Related Damage (damage to ESC measures caused by fallen debris): 0											
Total Number of Off Right of Way Impacts: 0											
Total Number of Environmental Resource Impacts: 0											
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0											
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 12/27/2021 through 12/31/2021.											
CARRY OVER ITEMS FROM 12/26/2021											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL INSPECTOR OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
VADEQ OBSERVATIONS											
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY WEATHER RELATED DAMAGE	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
LANDOWNER REPORTED COMPLAINTS											
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE						TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS											
DATE OF OBSERVATION	OBSERVATIONS							CONCLUSION AND RECOMMENDATIONS			
12/27/2021 through 12/31/2021	The Environmental Auditor reviewed the daily MVP Punchlists, ODC reports and SWPPP Inspection Reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 12/28/2021 regarding the upcoming end of the Partial Bi-Weekly Reporting period on 12/31/2021.							The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements. The Environmental Auditor recommends continued BMP monitoring throughout the Spread G Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread G Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity. The Environmental Auditor recommends QA/QC from the Spread I Environmental inspection staff to ensure all sections of the VSIRs (SWPPP Inspection Reports) are completed.			
REQUIRED FINDINGS AND CONCLUSIONS											
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).									
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes										
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes										
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes										