



Mountain Valley Pipeline Project – Spread G

Environmental Auditor Quarterly Report for Q1 2023

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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 Giles, Craig, and Montgomery Counties with approximately 3.5 miles located within the Jefferson National Forest.

As required by the Virginia Erosion and Sediment Control Law 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 Department of Environmental Quality (VADEQ) Erosion and Sediment Control (ESC)/Stormwater Management (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 Best Management Practices (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 January 1, 2023 through March 31, 2023 (Q1 reporting period) between approximate stations 10377+20-10654+29 as earth disturbance activities have not commenced within these areas. No forward construction progress occurred on Spread G during the Q1 reporting period.

The following portions of the right of way have been permanently restored via final grading and permanent stabilization per the approved Annual 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 throughout the Q1 reporting period:

- Daily MVP Punch Lists (includes VADEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the LEIs;
- Stormwater Pollution Prevention Plan VSIRs;
- Spread G Rain Gauge Data;
- Spread G Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODCP) Inspection reports; and
- Stormwater Pollution Prevention Plans, Erosion and Sediment Control Plans, and Post Construction Stormwater Management Plans;
- Off Right of Way Sediment Impact Tracker Spreadsheet;
- Agency Compliance Forms (Problem Areas Reports); and
- Declaration of Force Majeure notification and supporting documentation submitted on 2/15/2023.

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 staff, and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall summary for the Q1 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 77 daily punchlist items requiring repair/maintenance throughout the Q1 reporting period. The Environmental Auditor noted 12 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, livestock traffic, landowner traffic, and unauthorized traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted due to the third party impacts.

On 1/30/2023, the EI identified an off right of way impact within an upland location west of MVP-GI-244. The off right of way impact was related to sloughing on a cut slope onto the right of way where the travel lane was constructed above S-RR5. The impacted area was approximately 43.5 feet in length and due to the loss of material, approximately one to three feet of the limit of disturbance (LOD) was impacted.

The cut slope, which consists of stratified layers of clayey soil and fractured bedrock, has been subjected to saturated and freeze/thaw conditions over a prolonged period of time. The contractor Environmental staff immediately conducted repairs/enhancements within this location on the same day, the VADEQ was immediately notified, and a Problem Area Report (PAR #705) was submitted by the Spread G LEI. No off right of way or environmental resource sediment impacts occurred. The Spread G Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. **Refer to Section VI. below for further discussion.**

On 2/13/2023, the EI identified one environmental resource impact at S-YZ1 adjacent to the MVP-GI-241.03 access road as a result of a prolonged rainfall event that occurred on 2/12/2023. The rainfall event caused gravel to become displaced from the access road which overwhelmed the ESC measures subsequently depositing gravel within S-YZ1. The gravel impacted approximately 300 feet of the stream. The ESC measures were repaired/maintained and enhanced, the VADEQ notified, landowner access granted, off right of way sediment cleaned up and stabilization occurred within the required timeframe. An Agency Compliance Form (Problem Area Report #707) was submitted by the LEI on 2/13/2023. A Declaration of Force Majeure was submitted to the VADEQ on 2/15/2023 due to the magnitude of the rainfall event. Prior to this event, the Environmental Auditor and supporting SWPPP VSIR inspections conducted by the Spread G Environmental inspection staff observed the access road stabilized and enhanced ESC/runoff control measures installed and functional. The Spread G Environmental inspection staff continues to monitor this location and provide documentation within the respective SWPPP VSIRs. **Refer to Section VI. below for further discussion.**

During the Q1 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 Table G-1A and the respective Bi-Weekly Reports for further discussion.**

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 Q1 reporting period:

Table G-1A

Spread G Environmental Inspector Observations: January 1, 2023 - March 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2023	20	0	*1	8	0
February 2023	34	1	0	2	0
March 2023	23	0	0	2	0

* No off right of way sediment impacts

The EIs conducted a total of 308 SWPPP inspections and provided respective VSIRs throughout the Q1 reporting period. Upon review of the SWPPP VSIRs, the EIs observations were communicated to the contractor and noted issues were maintained/repared and/or enhanced within the VADEQ approved timeframe (24 Hours/Three Days or as extended by VADEQ authorization).

The Spread G EIs conducted ODCP site inspections at Laydown Yard 026 throughout the Q1 reporting period. Twenty-two inspections were conducted in January, 20 inspections were conducted in February, and 23 inspections were conducted in March. The EIs did not observe any spills during the ODCP inspections on Spread G throughout the Q1 reporting period.

An approximate total of 22 recordable precipitation events occurred during the Q1 reporting period. On 2/12/2023, a prolonged storm event with intervals high intensity/short duration rainfall, produced approximately 2.4 inches in 18 hours. This event caused ESC measures throughout portions of an access road (MVP-GI-241.03) to become overwhelmed resulting in gravel impacts within an environmental resource (S-YZ1). The environmental resource impact was identified by the Spread G

Environmental inspection staff on 2/13/2023. **Refer to discussion above, Table G-1B, and Section VI. for further discussion.**

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 duration for each event throughout the Q1 reporting period:

Table G-1B

Spread G Rainfall and Duration Rates: January 1, 2023 - March 31, 2023					
January		February		March	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
1/4/2023	0.05"-0.2" - 4 Hours	2/2/2023	Trace-0.5" – 4 Hours *Snow/Sleet	3/1/2023	0.15"-0.5" - 2 Hours
1/9/2023	0.35"-0.6" - 8 Hours *Rainfall occurred on 1/8/2023	2/13/2023	1.5"-2.5" - 18 Hours *Rainfall occurred on 2/12/2023	3/3/2023	0.7"-1.3" - 10 Hours
1/12/2023	0.5"-0.7" - 7 Hours	2/17/2023	0.6"-0.85" - 6 Hours	3/10/2023	0.3"-0.5" - 4 Hours
1/17/2023	0.1"-0.5" - 5 Hours	2/20/2023	0.05"-0.2" - 2 Hours	3/12/2023	0.15"-0.3" - 7 Hours
1/19/2023	0.0"-0.1" - 2 Hours	2/23/2023	0.0"-0.05 - 1 Hour	3/17/2023	Trace-0.15" - 2 Hours
1/23/2023	0.0"-0.2" - 3 Hours *Rainfall occurred on 1/22/2023	2/25/2023	0.2"-0.3" - 4 Hours	3/25/2023	0.15"-0.4" - 3 Hours
1/25/2023	0.6"-0.9" - 4 Hours	2/28/2023	0.2"-0.45" - 2 Hours *Rainfall occurred on 2/27/2023		
1/29/2023	0.25"-0.4" - 8 Hours *Rainfall occurred on 1/29/2023				
1/31/2023	0.1"-0.25" - 3 Hours				

IV. Quarterly Summary of VADEQ Observations

Per Table G-1C, the VADEQ Inspectors observed a total of one item requiring repair/maintenance throughout the Q1 reporting period. The item was provided on the daily MVP Punchlist for the Q1 reporting period, communicated to the contractor Environmental staff, and addressed within the VADEQ approved Three Day timeframe. 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. During the Q1 reporting period, the VADEQ did not identify project related off right of way or environmental resource impacts throughout the Spread G project area. **Refer to Table G-1C for further detailed information.**

Based on the MVP Punchlist data and the Environmental Auditor’s Bi-Weekly Reports, the following Table G-1C provides a summary of maintenance/repair items identified by the VADEQ Inspectors throughout the Q1 reporting period:

Table G-1C

Spread G VADEQ Observations: January 1, 2023 - March 31, 2023					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
January 2023	0	0	0	0	0
February 2023	1	0	0	0	0
March 2023	0	0	0	0	0

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted no formal landowner/third party complaints for the Spread G Project during the Q1 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 43 site evaluations during the Q1 reporting period and observed locations where ESC measures required repair/maintenance or additional (enhanced) ESC measures be installed.

During the reporting period, the Environmental Auditor evaluated the ESC, SWM, and Pollution Prevention measures throughout the project for proper installation and functionality. The Environmental Auditor also reviewed and provided recommendations related to daily MVP Punchlists, SWPPP VSIRs, and ODCP inspection reports. The Environmental Auditor communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI, contractor Environmental staff, and MVP Environmental staff. Repair/maintenance items and most recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff and subsequently addressed. The Environmental Auditor also provided recommendations to monitor ESC measures throughout the project and conduct repair/maintenance and restabilization activities as necessary to meet the ESC plan requirements. The Environmental Auditor also noted where ongoing third party impacts related to landowner traffic are occurring and communicated with the Spread G Environmental inspection staff, Chief EI, and MVP Environmental staff regarding recommendations notify the MVP Land Department, VADEQ, and continue to document third party impacts within the SWPPP VSIRs.

On 1/31/2023, the Environmental Auditor evaluated the cut slope within the travel lane above S-RR5 at MVP-GI-244 (CIS) where sloughing which resulted in impacting the limit of disturbance boundary was identified by the Spread G Environmental staff on 1/30/2023. The cut slope, which appears to consist of stratified layers of clayey soil and fractured bedrock, has been subjected to prolonged saturation and freeze/thaw conditions. The Environmental Auditor observed ESC measures repairs/enhancements and straw mulch stabilization implemented at this location. No impacts to S-RR5 were observed at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff and recommended continued monitoring at this location and installing additional measures as necessary until final grading/restoration is completed.

On 2/14/2023 the Environmental Auditor evaluated the access road (MVP-GI-241.03) following a prolonged rainfall event that occurred late 2/12/2023 and resulted in an environmental resource impact to S-YZ1. The Environmental Auditor observed locations where the ESC measures became overwhelmed and damaged due to the rainfall event and the contractor Environmental staff conducting ESC measures repair and installing enhanced ESC measures where upslope run-on impacted the project area. The Environmental Auditor observed gravel removed from S-YZ1 and repairs/enhancements underway along the access road. During the evaluation, the Environmental Auditor met with the EI and contractor Environmental staff to review the impacted areas and discuss overall measures to minimize future impacts. On 2/17/2023, the Environmental Auditor conducted a follow up evaluation at MVP-GI-241.03 and observed contractor installed enhanced ESC/runoff measures completed. The Environmental Auditor observed rip rap lined bar ditches installed at locations along the edge of the cut slope which will drain into rip rap lined broad based dips. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding the onsite meeting, observations, and provided additional recommendations to ensure proper installation and functionality of the contractor installed ESC/runoff measures/enhancements. The Environmental Auditor continues to evaluate this location and provide recommendations as necessary.

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 continues to communicate with the Spread G LEI, Chief EI, and MVP Environmental staff on a weekly basis. Discussions entail project feedback, technical support, and recommendations/guidance to maintain compliance with the Annual Standards and Specifications.

The following Table G-1D provides a summary of the monthly total number of site evaluations conducted by the Environmental Auditor throughout the Q1 reporting period.

Table G-1D

Environmental Auditor Field Observations: January 1, 2023 - March 31, 2023	
Month	Total Observations
January 2023	12
February 2023	17
March 2023	14

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated daily MVP Punchlists, ODCP Inspection reports, SWPPP VSIRs, communicated with the Spread G Environmental inspection staff, contractor Environmental 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;
- The temporary ESC measures were properly installed, inspected, and maintained; and
- 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 contractor Environmental staff) were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q1 reporting period. The Environmental Auditor recommends continued monitoring and communication between the MVP Environmental inspection staff and the contractor Environmental staff to ensure all ESC measures are properly installed and functional and enhanced where necessary to maintain compliance with the approved Annual Standards and Specifications.

As the VADEQ is aware, there are several previous instances noted in the Q1 2019 through Q4 2022 Reports in which sediment has left the ROW but MVP's requests for landowner permission to take corrective measures have been denied. Therefore, 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.

MOUNTAIN VALLEY PIPELINE

SPREAD G

ENVIRONMENTAL AUDITOR PARTIAL BI-WEEKLY REPORT - 1/2/2023 through 1/8/2023 (BEGINNING OF Q1 2023 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 1/8/2023

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 23 conducted from 1/2/2023 through 1/8/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/2/2023 through 1/8/2023 (Includes Carry Over Items from 12/31/2022): 6											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (1/2/2023 through 1/6/2023): On 1/6/2023 the primary AST lining on the berm was discovered to be worn during the ODCP inspection and maintenance has been scheduled to replace the liner.											
Total Number of VA DEQ Observations from 1/2/2023 through 1/8/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 3 (livestock 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 1/2/2023 through 1/8/2023											
CARRY OVER ITEMS FROM 12/31/2022											
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
1/3/2023		1					1		1 on 1/3/2023		One item was identified requiring repair/maintenance and completed within the required timeframe.
1/4/2023	0.05"-0.2" - 4 Hours	3				2	1		3 on 1/4/2023		Three items were identified requiring repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to livestock traffic.
1/5/2023		2				1	1		2 on 1/5/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to livestock 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
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			
1/2/2023 through 1/8/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor communicated with the Spread G LEI and EI regarding observations and recommendations related to ODCP inspection reporting.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 1/4/2023 regarding the Partial Bi-Weekly reporting period ending on 1/8/2023.</p>							<p>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.</p>			
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										

Report Period Ending: 1/22/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 1/9/2023 through 1/22/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/9/2023 through 1/22/2023 (Includes Carry Over Items from 1/8/2023): 7											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (1/9/2023 through 1/13/2023); 5 (1/16/2023 through 1/20/2023)											
Total Number of VA DEQ Observations from 1/9/2023 through 1/22/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (unauthorized 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 1/9/2023 through 1/22/2023.											
CARRY OVER ITEMS FROM 1/8/2023											
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
1/9/2023	0.35"-0.6" - 8 Hours *Rainfall occurred on 1/8/2023	4				2	2		3 on 1/10/2023	1 on 1/10/2023	Four items were identified requiring repair/maintenance and completed within the required timeframe. Two of the identified items were caused by third party impacts related to unauthorized vehicle traffic.
1/11/2023		2					2		2 on 1/11/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
1/19/2023	0.0"-0.1" - 2 Hours	1					1		1 on 1/19/2023		One item was identified requiring 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			
1/11/2023	The Environmental Auditor conducted site evaluations at MVP-GI-241.03 (access road) and MVP-GI-241.03 (GAS).							The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.			
1/13/2023	The Environmental Auditor conducted site evaluations at the following locations: Kow Camp Road #2 (GAS), Kow Camp Road #1 (CIS/GAS), and Doe Creek Road (CIS/GAS).							The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.			
1/9/2023 through 1/22/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 1/19/2023 regarding the Bi-Weekly reporting period ending on 1/22/2023. The Environmental Auditor continued to emphasize installing soil stabilization blanket (SSB) in locations where straw mulch is not applicable due to concentrated flow conditions.							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 communicated with the Spread G LEI regarding consistency between the SWPPP VSIRs and the daily MVP Punchlists related to third party impact impacts documentation.			
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										

Report Period Ending: 2/5/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **46** conducted from 1/23/2023 through 2/5/2023 (includes LY-026)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 1/23/2023 through 2/5/2023 (Includes Carry Over Items from 1/22/2023): **7**
 Total Number of ODCP Inspections at Laydown Yard 026: **5** (1/23/2023 through 1/27/2023); **5** (1/30/2023 through 2/3/2023)
 Total Number of VA DEQ Observations from 1/23/2023 through 2/5/2023: **0**
 Total Number of Landowner/Third Party Complaints: **0**
 Total Number of Right of Way Impacts Caused by Third Parties: **3** (landowner traffic and 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: **1** (On 1/30/2023 the Spread G Environmental staff observed sloughing on a cut slope where the travel lane was constructed above S-RR5 at MVP-GI-244 (CIS). The impacted area was approximately 43.5 feet in length and due to the loss of material, approximately one to three feet of the LOD was impacted. The cut slope, which consists of stratified layers of clayey soil and fractured bedrock, has been subjected to saturated and freeze/thaw conditions over a prolonged period of time. The contractor Environmental staff immediately conducted repairs/enhancements within this location the same day and a Problem Area Report (PAR #705) was submitted by the Spread G LEI. No impacts occurred to environmental resources. Refer to the Environmental Auditor Field Observations and Recommendations below for further discussion.
 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 1/23/2023 through 2/5/2023

CARRY OVER ITEMS FROM 1/22/2023

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
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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
1/23/2023	0.0"-0.2" - 3 Hours *Rainfall occurred on 1/22/2023	1				1				1 on 1/23/2023	One item was identified requiring repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to landowner traffic.
1/24/2023		1				1			1 on 1/24/2023		One item was identified requiring repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
1/25/2023	0.6"-0.9" - 4 Hours	1				1			1 on 1/26/2023		One item was identified requiring repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to wildlife traffic.
1/26/2023		1					1		1 on 1/26/2023		One item was identified requiring repair/maintenance and completed within the required timeframe.
1/30/2023	0.25"-0.4" - 8 Hours *Rainfall occurred on 1/29/2023	3					3		3 on 1/30/2023		Three items were identified requiring 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
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LANDOWNER REPORTED COMPLAINTS

DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
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ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
1/26/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-244 (CIS/GAS), MVP-GI-245.01 (GAS), Winding Way Drive/MVP-GI-251.01, and Old Furnace Road/MVP-GI-256.02 (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.
1/31/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-244 (CIS), MVP-GI-249 (CIS), and Mt. Tabor Road/MVP-MLV-26 (CIS).	The Environmental Auditor observed locations where the ESC/SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor evaluated the cut slope within the travel lane above S-RR5 at MVP-GI-244 (CIS) where sloughing was identified by the Spread G Environmental staff on 1/30/2023. The cut slope, which appears to consist of stratified layers of clayey soil and fractured bedrock, has been subjected to prolonged saturation and freeze/thaw conditions. The Environmental Auditor observed ESC measures repairs/enhancements and straw mulch stabilization implemented at this location. No impacts to S-RR5 were observed at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff and recommended continued monitoring at this location and install additional measures as necessary until final grading/restoration is completed.
2/2/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.01 (CIS/GAS), MVP-GI-241.04 (GAS), and Big Stony Creek Road (CIS/GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.
1/23/2023 through 2/5/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 2/2/2023 regarding the Bi-Weekly reporting period ending on 2/5/2023. The Environmental Auditor continued to emphasize installing soil stabilization blanket (SSB) in locations where straw mulch is not applicable due to concentrated flow conditions, documenting the cause of a given third party impact, and providing adequate photos representative of a given inspection area within the SWPPP VSIRs.	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	

Report Period Ending: 2/19/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **49** conducted from 2/6/2023 through 2/19/2023 (includes LY-026)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/6/2023 through 2/19/2023 (Includes Carry Over Items from 2/5/2023):**23**
 Total Number of ODCP Inspections at Laydown Yard 026: **5** (2/6/2023 through 2/10/2023); **5** (2/13/2023 through 2/17/2023)
 Total Number of VA DEQ Observations from 2/6/2023 through 2/19/2023: **1**
 Total Number of Landowner/Third Party Complaints: **0**
 Total Number of Right of Way Impacts Caused by Third Parties: **1** (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: **1** (An environmental resource impact at S-YZ1 due to gravel washout from MVP-GI-241.03 was observed on 2/13/2023 as a result of a rainfall event that occurred on 2/12/2023. This rainfall event produced approximately 2.4 inches (with potential higher amounts in localized areas) of rainfall in 18 hours. Prior to this event, previous rainfall events coupled with freezing/thawing have reduced the infiltration particularly in clayey soils resulting in increased runoff rates. Prior to this event, the Environmental Auditor and supporting SWPPP inspections conducted by the Spread G Environmental inspection staff observed the access road stabilized and the enhanced ESC measures installed and functional. On 2/13/2023, the VADEQ was notified, landowner permission was granted, gravel immediately removed from S-YZ1, and repair/maintenance of the access road and ESC measures were completed. On 2/15/2023, additional ESC/runoff measures enhancements were completed within the required timeframe. A Declaration of Force Majeure was submitted to the VADEQ on 2/15/2023 due to the magnitude of this event). Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion.
 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 2/6/2023 through 2/19/2023

CARRY OVER ITEMS FROM 2/5/2023

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
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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
2/6/2023		1					1			1 on 2/6/2023	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/8/2023		1					1			1 on 2/8/2023	One item was identified requiring repair/maintenance and completed within the required timeframe.
2/13/2023	1.5"-2.5" - 18 Hours *Rainfall occurred on 2/12/2023	12	1				11		4 on 2/13/2023 5 on 2/14/2023	3 on 2/13/2023	Twelve items were identified requiring repair/maintenance and completed within the required timeframe. One of the items was identified as an environmental resource impact occurred due to access road gravel displaced during the storm event and entering S-YZ1. The gravel impacted approximately 300 feet of the stream. A prolonged rainfall event coupled with upslope run-on due to minimal infiltration caused gravel to become displaced at MVP-GI-241.03 overwhelming the ESC measures and subsequently depositing gravel within S-YZ1. Prior to this storm event the Environmental Auditor observed the access road stabilized and enhanced ESC measures installed and functional. An Agency Compliance Form (Problem Area Report #707) was submitted by the LEI on 2/13/2023. The Environmental Auditor evaluated this location on 2/14/2023 and observed the gravel removed from S-YZ1 and contractor repairs/enhancements underway. The Environmental Auditor conducted a follow up evaluation on 2/17/2023 and observed additional contractor installed runoff control enhancements (rip rap bar ditches and armored broad based dips) completed. The Environmental Auditor provided recommendations to continue monitoring the access road and conduct additional modifications/enhancements as needed. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
2/16/2023		7				1	6		2 on 2/16/2023 2 on 2/17/2023	1 on 2/16/2023 2 on 2/17/2023	Seven items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to wildlife traffic.
2/17/2023	0.6"-0.85" - 6 Hours	2					2		1 on 2/17/2023	1 on 2/17/2023	Two items were identified requiring 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
2/9/2023		1					1			1 on 2/10/2023	One item was identified requiring repair/maintenance and completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS

DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
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ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
2/14/2023	The Environmental Auditor conducted site evaluations at the following locations: Hendrickson Road (CIS/GAS), MVP-GI-241.03, Doe Creek Road (CIS), and MVP-GI-249.02.	The Environmental Auditor evaluated the right of way following a prolonged rainfall event that occurred late 2/12/2023. The Environmental Auditor observed locations where the ESC measures became overwhelmed and damaged due to the rainfall event and the contractor conducting ESC measures repair and installing enhanced ESC measures where upslope run-on impacted project areas. The Environmental Auditor observed gravel removed from S-YZ1 and repairs/enhancements underway at MVP-GI-241.03. The Environmental Auditor met onsite with the EIs and contractor Environmental staff at Hendrickson Road and MVP-GI-241.03 to review impacted areas and discuss overall measures to minimize future impacts. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations/onsite meetings and provided additional recommendations to ensure proper functionality of the ESC/runoff measures/enhancements.
2/17/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.03 (GAS), MVP-GI-244 (CIS/GAS), and Stevers Gap Trail (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor conducted a follow up evaluation at MVP-GI-241.03 and observed enhanced ESC/runoff measures installed due to access road erosion and subsequent impacts to S-YZ1 from the 2/12/2023 prolonged rainfall event. The Environmental Auditor observed contractor installed rip rap lined bar ditches at locations along the edge of the cut slope which will drain into rip rap lined broad based dips. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and provided recommendations to monitor the runoff control measures to ensure proper functionality and modify/install additional ESC/runoff measures as needed.
2/6/2023 through 2/19/2023	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>The Environmental Auditor evaluated locations where off right of way impacts occurred which included the environmental resource impact at S-YZ1 due to a high intensity/short duration storm event that occurred late on 2/12/2023. The Environmental Auditor observed corrective action measures immediately implemented, off right of way sediment/gravel retrieval and stabilization, and enhanced ESC/runoff control measures being implemented at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff and provided recommendations related to monitoring the broad based dips and related end treatments and conducting additional modifications/enhancements as needed.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 2/16/2023 regarding the Bi-Weekly reporting period ending on 2/19/2023. The Environmental Auditor continued to emphasize installing soil stabilization blanket (SSB) in locations where straw mulch is not applicable due to concentrated flow conditions, communicating with the MVP Land Department and VADEQ regarding locations where ongoing third party impacts continue to occur, and prioritizing daily MVP Punchlist items per the Annual Standards and Specifications.</p>	<p>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.</p> <p>The Environmental Auditor recommends continued monitoring of the enhanced ESC/runoff measures for functionality at MVP-GI-241.03 and conduct modifications and/or install additional ESC/runoff measures as necessary. The Environmental Auditor recommends continued communication with the contractor Environmental staff to ensure ESC/runoff measures are properly installed.</p>
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	

Report Period Ending: 3/5/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 46 conducted from 2/20/2023 through 3/5/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 2/20/2023 through 3/5/2023 (Includes Carry Over Items from 2/19/2023):12											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (2/20/2023 through 2/24/2023); 5 (2/27/2023 through 3/3/2023)											
Total Number of VA DEQ Observations from 2/20/2023 through 3/5/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 1 (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 2/20/2023 through 3/5/2023											
CARRY OVER ITEMS FROM 2/19/2023											
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
2/20/2023	0.05"-0.2" - 2 Hours	1					1		1 on 2/20/2023		One item was identified requiring repair/maintenance and completed within the required timeframe.
2/22/2023		2				1	1		2 on 2/22/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was caused by third party impacts related to landowner traffic.
2/23/2023	0.0"-0.05" - 1 Hour	3					3		2 on 2/23/2023	1 on 2/23/2023	Three items were identified requiring repair/maintenance and completed within the required timeframe.
2/27/2023	0.2"-0.3" - 4 Hours *Rainfall occurred on 2/25/2023	3					3			3 on 2/28/2023	Three items were identified requiring repair/maintenance and completed within the required timeframe.
2/28/2023	0.2"-0.45" - 2 Hours *Rainfall occurred on 2/27/2023	2					2		2 on 2/28/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/3/2023	0.7"-1.3" - 10 Hours	1					1			1 on 3/3/2023	One item was identified requiring 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			
2/23/2023	The Environmental Auditor conducted site evaluations at the following locations: Hendrickson Road (CIS), Big Branch Hollow Road (CIS/GAS), Cascade Drive (CIS), and MVP-241.02 (GAS).							The Environmental Auditor evaluated the right of way and observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting repair/maintenance and installing additional enhanced ESC measures.			
2/28/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-242.01, Doe Creek Road (GAS), and MVP-CR-258.02 (CIS/GAS).							The Environmental Auditor evaluated the right of way and observed locations where the ESC/SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to monitoring locations for potential erosion and implementing restabilization measures as needed.			
2/20/2023 through 3/5/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 3/2/2023 regarding the Bi-Weekly reporting period ending on 3/5/2023. The Environmental Auditor continued to emphasize installing soil stabilization blanket (SSB) in locations where straw mulch is not applicable due to concentrated flow conditions, continue to document any third party activities that directly or indirectly impact the project area (including environmental resources that flow through the project area), and immediately report impacts to the MVP Environmental staff.							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	

Report Period Ending: 3/19/2023
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 3/6/2023 through 3/19/2023 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/6/2023 through 3/19/2023 (Includes Carry Over Items from 3/5/2023): 12											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (3/6/2023 through 3/10/2023); 5 (3/13/2023 through 3/17/2023)											
Total Number of VA DEQ Observations from 3/6/2023 through 3/19/2023: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (unauthorized 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 3/6/2023 through 3/19/2023											
CARRY OVER ITEMS FROM 3/5/2023											
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
3/7/2023		2					2		2 on 3/7/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/8/2023		2					2		2 on 3/8/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/9/2023		6					6		3 on 3/9/2023 1 on 3/10/2023	2 on 3/9/2023	Six items were identified requiring repair/maintenance and completed within the required timeframe.
3/15/2023		2				2				2 on 3/16/2023	Two items were identified requiring repair/maintenance and completed within the required timeframe. Both items were caused by third party impacts related to unauthorized 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
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			
3/9/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-LY-026, Hendrickson Road (CIS), MVP-GI-241.02 (GAS), and Kow Camp Road #1 (CIS/GAS).							The Environmental Auditor evaluated the right of way and observed locations where the ESC and spill prevention/good housekeeping measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to conducting ESC measures repair/maintenance, monitoring locations for potential erosion and sediment issues, and installing additional enhanced ESC measures as necessary.			
3/16/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-244 (CIS/GAS), Old Furnace Road/MVP-GI-256.02 (CIS/GAS), and Craig Creek Road/MVP-MN-258.04 (CIS/GAS).							The Environmental Auditor evaluated the right of way and observed locations where the ESC/SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to sediment control measures installation and monitoring an active gulley within a field upslope of the right of way.			
3/6/2023 through 3/19/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 3/16/2023 regarding the Bi-Weekly reporting period ending on 3/19/2023 and Q1 2023 ending on 3/31/2023. The Environmental Auditor continued to emphasize installing soil stabilization blanket (SSB) in locations where straw mulch is not applicable due to concentrated flow conditions, ensuring erosion rills/gulleys are repaired prior to conducting restabilization activities, and immediately repairing/stabilizing rutting caused by internal personnel.							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 PARTIAL BI-WEEKLY REPORT - 3/20/2023 through 3/31/2023 (END OF Q1 2023 REPORTING PERIOD)

ENVIRONMENTAL AUDITOR CONTACT INFORMATION

Joe Crea CPESC, CPSWQ

Tetra Tech

661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 3/31/2023

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 46 conducted from 3/20/2023 through 3/31/2023 (includes LY-026)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 3/20/2023 through 3/31/2023 (Includes Carry Over Items from 3/19/2023):10

Total Number of ODCP Inspections at Laydown Yard 026: 5 (3/20/2023 through 3/24/2023); 5 (3/27/2023 through 3/31/2023)

Total Number of VA DEQ Observations from 3/20/2023 through 3/31/2023: 0

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 3/20/2023 through 3/31/2023

CARRY OVER ITEMS FROM 3/19/2023

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
3/22/2023		2					2		2 on 3/22/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/24/2023		1					1		1 on 3/24/2023		One item was identified requiring repair/maintenance and completed within the required timeframe.
3/27/2023		2					2		2 on 3/27/2023		Two items were identified requiring repair/maintenance and completed within the required timeframe.
3/29/2023		4					4		4 on 3/29/2023		Four items were identified requiring repair/maintenance and completed within the required timeframe.
3/30/2023		1					1		1 on 3/31/2023		One item was identified requiring 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
3/22/2023	The Environmental Auditor conducted site evaluations at the following locations: Steele Acres Road/MVP-CR-258.01 (CIS), Old Furnace Road/MVP-GI-256.02 (CIS), and Winding Way Drive/MVP-GI-251.01 (GAS).	The Environmental Auditor evaluated the right of way and observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to monitoring and conducting restabilization activities as necessary.
3/29/2023	The Environmental Auditor conducted site evaluations at the following locations: MVP-241.02 (GAS), MVP-241.03, and Kow Camp Road #2 (CIS).	The Environmental Auditor evaluated the right of way and observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to proper ESC measures installation, monitoring and implementing additional ESC/runoff control measures as necessary.
3/30/2023	The Environmental Auditor conducted a site evaluation at MVP-MLV-26 (CIS).	The Environmental Auditor evaluated the right of way and observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, Chief EI, and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance due to third party landowner impacts, repairing erosion along the edge of the right of way and installing soil stabilization blanket (SSB), conducting temporary stabilization activities where straw mulch/SSB has degraded, and monitoring locations throughout the right of way and conducting restabilization activities are necessary to maintain compliance with the ESC plan requirements.
3/20/2023 through 3/31/2023	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VSIRs, and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 3/30/2023 regarding the Partial Bi-Weekly reporting period and Q1 2023 reporting period ending on 3/31/2023. The Environmental Auditor recommended continued reporting for third party impacts to the right of way, implementing additional ESC measures as needed, and reporting off right of way third party earth disturbance activities where potential impacts could occur to environmental resources within or outside the right of way. The Environmental Auditor also recommended continuing to identify and address locations where restabilization is necessary to remain in compliance with the ESC requirements.	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	