

Mountain Valley Pipeline Project – Spread G

Environmental Auditor Quarterly Report for Q3 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 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 July 1, 2022 through September 30, 2022 (Q3 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 Q3 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 Q3 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;
- 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 8/25/2022.

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

The following sections III. through VI. provide an overall summary for the Q3 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 213 daily punchlist items requiring repair/maintenance throughout the Q3 reporting period. The Environmental Auditor noted 31 items identified by the EIs as ESC measures damaged due to impacts caused by third party activities related to wildlife traffic, livestock traffic and landowner traffic. The ESC measures were subsequently repaired/maintained within the required timeframes and no resources were impacted due to the third party impacts.

During the Q3 reporting period, the Spread G Environmental inspection staff identified two off right of way impacts on 8/22/2022. One impact occurred within an upland area and the other impact occurred to an environmental resource due to a runoff event on 8/21/2022. The off right of way impacts were caused by a high intensity/short duration storm resulting in ESC measures becoming overwhelmed. Prior to the

storm event the ESC measures were installed/enhanced and functional and access roads stabilized. **Refer to rainfall discussion/Table G-1B, Section IV., and Section VI. below for further discussion.**

The upland area impact, identified by the Spread G Environmental inspection staff on 8/22/2022, resulted in sediment traveling approximately 20 feet off right of way. The high intensity/short duration storm event caused a topsoil pile to become saturated resulting in soil creep and erosion subsequently overwhelming downslope sediment controls. The ESC measures were repaired/maintained and enhanced, landowner access granted, off right of way sediment clean up and stabilization occurred within the required timeframe. An Agency Compliance Form (Problem Area Report #702) was submitted by the Spread G Environmental inspection staff on 8/22/2022. No resources were impacted.

The Spread G Environmental inspection staff identified one environmental resource impact at S-YZ1 on 8/22/2022. The high intensity/short duration storm event caused gravel to become displaced at MVP-GI-241.03 which overwhelmed the ESC measures and subsequently depositing gravel within S-YZ1. The gravel impacted approximately 2,400 feet of the stream. Due to the extent of access road repairs and agency approval required to clean up gravel deposition within S-YZ1, an extension request was approved by the VADEQ. The ESC measures were repaired/maintained and enhanced, landowner access granted, agencies were notified, off right of way sediment clean up and stabilization occurred within the required timeframe. An Agency Compliance Form (Problem Area Report #701) was submitted by the EI on 8/22/2022. A Declaration of Force Majeure was submitted to the VADEQ on 8/25/2022 due to the magnitude of the storm event.

During the Q3 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 Q3 reporting period:

Table G-1A

Spread G Environmental Inspector Observations: July 1, 2022 – September 30, 2022					
Monthly Observation	Total Number Observations	Environmental Resource Impacts	Off Right of Way Impacts	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2022	43	0	0	15	0
August 2022	*108	1	1	13	0
September 2022	62	0	0	3	0

* Carry Over Items

The EIs' conducted a total of 312 SWPPP inspections and provided respective VSIRs throughout the Q3 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 Spread G EIs' conducted ODCP site inspections at Laydown Yard 026 throughout the Q3 reporting period. Twenty inspections were conducted in July, 23 inspections were conducted in August, and 21 inspections were conducted in September. The EIs did not observe any spills during the ODCP inspections on Spread G throughout the Q3 reporting period.

An approximate total of 22 recordable precipitation events occurred during the Q3 reporting period. A storm event with high intensity/short duration rainfall occurred overnight on 8/21/2022. This event caused ESC measures to become overwhelmed resulting in two off right of way impacts in upland areas and one impact within an environmental resource. Two off right of way impacts within separate upland areas were observed by the Spread G Environmental inspection staff and the VADEQ on 8/22/2022 and 8/23/2022, respectively.

The environmental resource impact was identified by the Spread G Environmental inspection staff on 8/22/2022. A high intensity/short duration storm event produced approximately 3.2 inches in two hours. **Refer to discussion above, Table G-1B, Sections IV., and 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 Q3 reporting period:

Table G-1B

Spread G Rainfall and Duration Rates: July 1, 2022 – September 30, 2022					
July		August		September	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
7/3/2022	0.0"-0.3" – 2 Hours	8/5/2022	0.2"-1.35" – 3 Hours *Scattered storms with intervals of high intensity/short duration rainfall	9/4/2022	0.6"-1.8" – 6 Hours
7/5/2022	0.05"-0.3" – 1 Hour	8/7/2022	0.4"-2.7" – 6 Hours	9/5/2022	0.4"-1.2" – 12 Hours
7/10/2022	1.3"-3.0" – 15 Hours	8/8/2022	0.0"-0.3" – 1 Hour	9/11/2022	0.1"-2.5" – 8 Hours
7/12/2022	0.2"-0.5" – 3 Hours	8/15/2022	0.8"-2.45" – 7 Hours *Intervals of high intensity/short duration rainfall	9/12/2022	0.0"-0.5" – 3 Hours
7/18/2022	0.1"-1.2" – 2 Hours *Scattered thunderstorms with intervals of high intensity/short duration rainfall	8/22/2022	0.8"-3.2" – 2 Hours *High Intensity/Short Duration storm event occurred late 8/21/2022	9/25/2022	0.1"-0.3" – 1 Hour
7/25/2022	0.1"-1.1" – 4 Hours	8/26/2022	0.0"-1.5" – 4 Hours		
7/26/2022	0.6"-1.4" – 5 Hours	8/30/2022	0.1"-0.4" – 3 Hours		
7/27/2022	0.3"-1.3" – 7 Hours *Scattered storms with intervals of high intensity/short duration rainfall				
7/28/2022	0.0"-0.2" – 2 Hours				
7/31/2022	0.0"-0.5" – 2 Hours				

IV. Quarterly Summary of VADEQ Observations

Per Table G-1C, the VADEQ Inspectors observed a total of 9 items requiring repair/maintenance throughout the Q3 reporting period. The items provided on the daily MVP Punchlists for the Q3 reporting period were 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. It should be noted that several VADEQ observations were redundant (after the fact) with the same observations previously noted by the Spread G Environmental Inspectors. **Refer to Tables G-1B and G-1C for further detailed information.**

During the Q3 reporting period, the VADEQ identified two off right of way impacts within an upland location and environmental resource (S-YZ1), respectively on 8/22/2022. It should be noted that these impacts were redundant observations as these impacts were initially observed and documented by the respective EIs. The VADEQ identified an off right of way impact on 8/23/2022. A high intensity/short duration rainfall event caused access road gravel to washout and travel approximately 20 feet off right of way within an upland area. Gravel cleanup and removal occurred within the required timeframe and the landowner assisted the MVP contractor Environmental staff with clean up and removal. No environmental resources were impacted. **Refer to Table G-1C, Section VI. 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 Table G-1C provides a summary of maintenance/repair items identified by the VADEQ Inspectors throughout the Q3 reporting period:

Table G-1C

Spread G VADEQ Observations: July 1, 2022 – September 30, 2022					
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties	Weather Related Damage
July 2022	0	0	0	0	0
August 2022	(1)8	(1)1	(1)2	0	0
September 2022	(1)1	0	0	0	0

* Includes Carry Over Items

(1) Redundant Items Initially Observed by the Environmental Inspector

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted no formal landowner/third party complaints for Spread G during the Q3 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table G-1D, the Environmental Auditor conducted 56 site evaluations during the Q3 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 and SWM measures throughout the project for proper installation and functionality. Recommendations included repair/maintenance activities and enhance existing or install additional ESC measures (runoff control, erosion control and sediment control) as necessary to minimize potential erosion and sediment impacts.

On 8/24/2022, the Environmental Auditor observed the contractor conducting ESC measures maintenance/repairs and installing enhanced ESC measures at access road MVP-GI-241.03 and the right of way where off right of way impacts (S-YZ1 and upland) occurred due to a high intensity/short duration storm event late 8/21/2022. The Environmental Auditor conducted follow up evaluations on 9/2/2022 and 9/8/2022 to monitor corrective action items progress and observed the access road stabilized, gravel retrieved from S-YZ1 and enhanced ESC measures installed at MVP-GI-241.03. The Environmental Auditor evaluated the location where an upland off right of way sediment impact occurred and observed enhanced ESC measures installed at this location and the nearby soil stockpile. The Environmental Auditor communicated onsite with the respective EIs and contractor Environmental staff then followed up with the Spread G LEI, Chief EI and MVP Environmental staff regarding observations and provided additional recommendations related to proper ESC measures installation installing additional enhanced ESC measures as needed and continued monitoring to minimize potential future impacts. It should be noted that prior to the storm event the Environmental Auditor observed the ESC measures installed/enhanced and functional.

On 8/24/2022 the Environmental Auditor observed the access road gravel retrieved where the off right of way impact (identified by the VADEQ on 8/23/2022) occurred within an upland location at MVP-GI-241.01 (Buffalo Anklets Road). The Environmental Auditor communicated with the Spread G Environmental inspection staff, Chief EI and MVP Environmental staff regarding observations and recommendations to install additional (enhanced) ESC measures and continue monitoring at MVP-GI-241.01 and nearby MVP-GI-241.04 particularly near culverts and environmental resource locations. The Environmental Auditor conducted follow up evaluations on 9/2/2022 and 9/28/2022 and observed the access roads stabilized and the ESC measures installed/enhanced and functional. Prior to the storm event the Environmental Auditor observed the access road stabilized.

Throughout the Q3 reporting period, the Environmental Auditor communicated observations and recommendations with the Spread G Environmental inspection staff, Chief EI and MVP Environmental

staff. Repair/maintenance items and recommendations were forwarded to the contractor Environmental staff by the Spread G Environmental inspection staff and most recommendations were addressed.

In addition to ESC measures repair/maintenance and enhancements, the Environmental Auditor provided recommendations to monitor temporary and permanent stabilization measures throughout the project and conduct restabilization activities 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 Environmental inspection staff, Chief EI and MVP Environmental staff on a continued basis. Discussions entail project feedback and recommendations/guidance to maintain compliance related to daily MVP Punchlists, SWPPP VSIR documentation and technical support.

The following Table G-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q3 reporting period.

Table G-1D

Environmental Auditor Field Observations: July 1, 2022 – September 30, 2022	
Month	Total Observations
July 2022	13
August 2022	24
September 2022	19

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree, the Environmental Auditor conducted site evaluations, evaluated daily MVP Punchlists, ODCP reports, SWPPP VSIR reports, 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 Q3 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 to maintain compliance with the approved Annual Standards and Specifications.

As the VADEQ is aware, there are several previous instances noted in the Q4 2019 through Q2 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.

Report Period Ending: 7/10/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 27 conducted from 7/1/2022 through 7/10/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/1/2022 through 7/10/2022 (Includes Carry Over Items from 6/30/2022): 9											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (7/1/2022 and 7/5/2022 through 7/8/2022): Holiday - 7/4/2022											
Total Number of VA DEQ Observations from 7/1/2022 through 7/10/2022: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 4 (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 7/1/2022 through 7/10/2022.											
CARRY OVER ITEMS FROM 6/30/2022											
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
7/4/2022	0.0"-0.3" - 2 Hours *Rainfall occurred on 7/3/2022	2					2		2 on 7/5/2022		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/5/2022	0.05"-0.3" - 1 Hour	6				4	2		1 on 7/5/2022 3 on 7/6/2022	2 on 7/5/2022	Six 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 livestock traffic.
7/6/2022		1					1			1 on 7/6/2022	One item was 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			
7/8/2022	The Environmental Auditor conducted site evaluations at the following locations: Doe Creek Road (GAS), MVP-GI-242.01, MVP-GI-249 and MVP-MLV-26.							The Environmental Auditor 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 ESC measures.			
7/1/2022 through 7/10/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 7/7/2022 regarding the Bi-Weekly Reporting period ending on 7/10/2022.. The Environmental Auditor also provided guidance related to the following: providing documentation within SWPPP VISRs where environmental resources on the right of way are within the watershed related to upstream/upslope off right of way third party earth disturbance activities and providing adequate VISIR Photo Log documentation that covers the overall area for a given SWPPP inspection.							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	
7/14/2022	The Environmental Auditor conducted a site evaluation at 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. The Environmental Auditor communicated with the Spread G LEI regarding observations and recommendations related to ESC maintenance due to livestock traffic damage.	
7/20/2022	The Environmental Auditor conducted site evaluations at the following locations: Hendrickson Road (CIS), Big Branch Hollow Road (CIS), Cascade Road (CIS/GAS), MVP-GI-241.01 (GAS) and MVP-GI-240 (CIS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.	
7/11/2022 through 7/24/2022	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread G Project.</p> <p>During the 7/20/2022 SWPPP Inspection, the EI observed a hydraulic spill from a landowner's tractor at MVP-GI-245.02. The spill was immediately reported and cleaned up. The Environmental Auditor noted that this issue was documented within the respective SWPPP VSIR.</p> <p>The Environmental Auditor communicated with all Spreads on 7/21/2022 regarding the Bi-Weekly Reporting period ending on 7/24/2022.</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.	
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: 8/7/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 46 conducted from 7/25/2022 through 8/7/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 7/25/2022 through 8/7/2022 (Includes Carry Over Items from 7/24/2022): 19											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (7/25/2022 through 7/29/2022); 5 (8/1/2022 through 8/5/2022)											
Total Number of VA DEQ Observations from 7/25/2022 through 8/7/2022: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 6 (livestock 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: 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 7/25/2022 through 8/7/2022.											
CARRY OVER ITEMS FROM 7/24/2022											
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
7/25/2022	0.1"-1.1" - 4 Hours *Scattered storms with intervals of high intensity/short duration rainfall	1					1			1 on 7/28/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
7/27/2022	0.3"-1.3" - 7 Hours *Scattered storms with intervals of high intensity/short duration rainfall	2				2			2 on 7/28/2022		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both items were caused by third party impacts related to livestock traffic.
7/28/2022	0.0"-0.2" - 2 Hours	2					2		2 on 7/28/2022		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
7/29/2022		2					2		2 on 7/29/2022		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/2/2022		4					4		2 on 8/2/2022	3 on 8/2/2022 1 on 8/4/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/6/2022	0.2"-1.35" - 3 Hours *Scattered storms with intervals of high intensity/short duration rainfall occurred on 8/5/2022	8				4	4				Eight items were identified requiring ESC repair/maintenance. These items have three days to be completed within the required timeframe. Four 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
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			
7/29/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-242.01, Doe Creek Road (GAS) and Big Stony Creek Road (GAS).							The Environmental Auditor 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 regarding observations and recommendations related to ESC measures maintenance/repair.			
8/3/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-CR-258.02 (CIS), Stevers Gap Trail (CIS) and Old Furnace Road/MVP-GI-256.02 (GAS).							The Environmental Auditor observed locations where the right of way has been permanently stabilized with dense vegetative cover and the ESC measures appeared to be installed and functional at the time of the evaluation.			
7/25/2022 through 8/7/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP 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										

Report Period Ending: 8/21/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 8/8/2022 through 8/21/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/8/2022 through 8/21/2022 (includes Carry Over items from 8/7/2022): 21											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (8/8/2022 through 8/12/2022); 5 (8/15/2022 through 8/19/2022)											
Total Number of VA DEQ Observations from 8/8/2022 through 8/21/2022: 0											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 5 (livestock traffic, landowner traffic and wildlife traffic); 4 items were carried over from the 8/7/2022 Bi-Weekly Report.											
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 8/8/2022 through 8/21/2022.											
CARRY OVER ITEMS FROM 8/7/2022											
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
8/6/2022		8				4	4			8 on 8/8/2022	Eight 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.
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
8/8/2022	0.0"-0.3" - 1 Hour	2				1	1		2 on 8/8/2022		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 livestock traffic.
8/9/2022		1					1			1 on 8/10/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
8/15/2022	0.8"-2.45" - 7 Hours *Intervals of high intensity/short duration rainfall	2				1	1		2 on 8/15/2022		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 livestock traffic.
8/16/2022		2				2			2 on 8/16/2022		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. Both of the identified items was caused by third party impacts related to wildlife traffic and landowner traffic.
8/17/2022		4					4		2 on 8/17/2022	2 on 8/18/2022	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
8/18/2022		1				1				1 on 8/19/2022	One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to livestock traffic.
8/19/2022		1					1			1 on 8/19/2022	One item was 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		
8/10/2022	The Environmental Auditor conducted site evaluations at the following locations: Doe Creek Road (CIS), Kow Camp Road #1 (CIS/GAS), Kow Camp Road #2 (CIS), MVP-GI-241.03 and MVP-LY-026.								The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.		
8/19/2022	The Environmental Auditor conducted site evaluations at the following locations: Craig Creek Road/MVP-MN-258.04 (CIS), MVP-GI-249.01 (CIS/GAS) and MVP-GI-249 (CIS).								The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation.		
8/8/2022 through 8/21/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spreads on 8/18/2022 regarding the upcoming Bi-Weekly Reporting period ending on 8/21/2022. The Environmental Auditor provided recommendations related to documenting off right of way third party impacts and monitoring locations where straw mulch becomes dislodged during runoff events and installing soil stabilization blanket as necessary 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.		
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: 9/4/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 8/22/2022 through 9/4/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 8/22/2022 through 9/4/2022 (Includes Carry Over Items from 8/21/2022): 81											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (8/22/2022 through 8/26/2022); 5 (8/29/2022 through 9/2/2022)											
Total Number of VA DEQ Observations from 8/22/2022 through 9/4/2022: 8 (*Seven items were redundant on 8/22/2022 as they were initially observed by the EI. Refer to the Environmental Inspector Observations)											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 5 (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: 2 (1. An off right of way impact was observed on 8/22/2022 as a result of a high intensity/short duration storm event that occurred late 8/21/2022. This storm event which produced approximately 3.2 inches of rainfall in two hours and caused widespread impacts which caused flooding impacts in nearby Pembroke, VA. Enhanced ESC measures were installed which included grading activities to reduce the runoff area, landowner permission was granted, off right of way sediment removed and the impacted area stabilized. A Declaration of Force Majeure was submitted to the VADEQ on 8/31/2022 due to the magnitude of the storm event. No resources were impacted. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion. 2. One off right of way impact was observed by the VADEQ on 8/23/2022 as a result of a high intensity/short duration storm event that occurred late 8/21/2022. The storm event produced approximately 3.2 inches of rainfall within two hours. Gravel from an existing road (MVP-GI-241.01) washed onto the grassy area of an adjacent landowner property. The gravel was immediately removed with assistance by the landowner. A Declaration of Force Majeure was submitted to the VADEQ on 8/31/2022 due to the magnitude of the storm event. No resources were impacted. Refer to Environmental Inspector Observations and Environmental Auditor Field Observations and Recommendations below for further discussion).											
Total Number of Environmental Resource Impacts: 1 (An environmental resource impact at S-Y21 due to gravel washout from MVP-GI-241.03 was observed on 8/22/2022 as a result of a high intensity/short duration storm event that occurred late 8/21/2022. This storm event which produced approximately 3.2 inches of rainfall in two hours and caused widespread impacts which caused flooding impacts in nearby Pembroke, VA. The access road (MVP-GI-241.03) was stabilized, enhanced ESC measures installed along the access road, agency approval was granted and gravel removed from S-Y21. A Declaration of Force Majeure was submitted to the VADEQ on 8/31/2022 due to the magnitude of the storm 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 8/22/2022 through 9/4/2022.											
CARRY OVER ITEMS FROM 8/21/2022											
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
8/22/2022	0.8"-3.2" - 2 Hours *High Intensity/Short Duration storm event occurred late 8/21/2022	43	1	1			41	1 on 8/23/2022 to be completed on 8/25/2022 1 on 8/23/2022 to be completed on 9/9/2022 (Environmental Resource Impact)	16 on 8/23/2022 1 on 8/25/2022 (Ext. Request) 1 on 9/2/2022 (Environmental Resource Impact Ext. Request)	17 on 8/23/2022 7 on 8/24/2022 1 on 8/25/2022	Forty-three items were identified requiring repair/maintenance and completed within the required timeframe. One of the identified items was identified as an off right of way sediment impact approximately 20 feet off right of way within an upland area. A high intensity/short duration storm event caused a topsoil pile to become saturated resulting in soil creep and erosion subsequently overwhelming downslope sediment controls. The impacted ESC measures were repaired/maintained and enhanced. Landowner access was granted, off right of way sediment cleanup and stabilization occurred within the required timeframe. No environmental resources were impacted. An Agency Compliance Form (Problem Area Report #702) was submitted by the EI on 8/22/2022. The Environmental Auditor evaluated this location on 8/24/2022 and provided recommendations related to enhanced ESC measures. Refer to Environmental Auditor Field Observations and Recommendations for further discussion. A second item was identified as an environmental resource impact occurred due to access road gravel displaced during the storm event and entering S-Y21. The gravel impacted approximately 2,400 feet of the stream. A high intensity/short duration storm event caused gravel to become displaced at MVP-GI-241.03 overwhelming the ESC measures and subsequently depositing gravel within S-Y21. Prior to this storm event the Environmental Auditor observed the access road stabilized and enhanced ESC measures installed and functional. Due to access road repair and agency approval required to clean up gravel deposition within S-Y21, an extension request was approved by the VADEQ. An Agency Compliance Form (Problem Area Report #701) was submitted by the EI on 8/22/2022. The Environmental Auditor evaluated this location on 8/24/2022 and observed contractor repairs/enhancements underway. The Environmental Auditor conducted a follow up evaluation on 9/2/2022 and observed the gravel retrieved from S-Y21 within the required timeframe via the approved extension request. The Environmental Auditor provided recommendations related to installing additional enhanced ESC measures. Refer to Environmental Auditor Field Observations and Recommendations for further discussion.
8/23/2022		17					17		8 on 8/24/2022	7 on 8/24/2022 2 on 8/25/2022	Seventeen items were identified requiring repair/maintenance and completed within the required timeframe.
8/24/2022		1				1			1 on 8/25/2022		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.
8/26/2022		1					1			1 on 8/29/2022	One item was identified requiring repair/maintenance and completed within the required timeframe.
8/27/2022	0.0"-1.5" - 4 Hours *Isolated storms occurred late on 8/26/2022	4					4			4 on 8/29/2022	Four items were identified requiring repair/maintenance and completed within the required timeframe.
8/30/2022	0.1"-0.4" - 3 Hours	4				1	3		1 on 8/30/2022 1 on 8/31/2022	2 on 8/31/2022	Four 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.
8/31/2022		5					3		3 on 8/31/2022	1 on 8/31/2022 1 on 9/1/2022	Five 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 wildlife traffic.
9/1/2022		4				1	3		1 on 9/2/2022	3 on 9/2/2022	Four 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.
9/2/2022		2					2		1 on 9/2/2022	1 on 9/2/2022	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
8/22/2022	0.8"-3.2" - 2 Hours *High Intensity/Short Duration storm event occurred late 8/21/2022	*7 (*Redundant items initially observed by the EI reported above on 8/22/2022)	*1	*1			*5	1 on 8/23/2022 to be completed on 9/9/2022 (Environmental Resource Impact) *Redundant item per Environmental Inspector Observation reported above on 8/22/2022	2 on 8/23/2022 1 on 8/24/2022 1 on 9/2/2022 (Environmental Resource Impact)	2 on 8/23/2022 1 on 8/25/2022	Seven items were identified requiring repair/maintenance and two of those items were identified as off right of way and environmental resource impacts, respectively. Six of the identified items were completed within the required timeframe and one extension request related to the environmental resource impact was approved by the VADEQ on 8/24/2022. *These items are redundant as these observations were initially observed by the Spread G EI and noted in the Environmental Inspector Observations on 8/22/2022. Refer to Environmental Inspector Observations.
8/23/2022		1		1						1 on 8/23/2022	One item was identified requiring repair/maintenance and completed within the required timeframe. This item was identified as an off right of way sediment/access road impact which gravel traveled approximately 20 feet off right of way within an upland area (based on communication with the Spread G LEI). A high intensity/short duration rainfall event caused the access road gravel to washout. The landowner assisted the MVP contractor with the gravel cleanup and removal within the required timeframe. No environmental resources were impacted.
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				
8/24/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241.03, MVP-GI-241.02 (GAS), Hendrickson Road (GAS), MVP-GI-241.01/241 and MVP-GI-241.04.						The Environmental Auditor evaluated the right of way were a high intensity/short duration storm event occurred late 8/21/2022. 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 which included the locations where off right of way and environmental resource impacts occurred as a result of the storm event. The Environmental Auditor observed sediment/gravel removed where the off right of way impacts occurred within upland locations which includes MVP-GI-241.01. The Environmental Auditor communicated with the Spread G Environmental staff, contractor staff, Chief EI and MVP Environmental staff regarding observations and additional recommendations related to installing additional enhanced ESC measures to minimize potential future impacts. It should be noted that prior to the storm event the access roads were stabilized and the ESC measures were installed/enhance and functional.				
8/30/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-249.02, MVP-GI-245.02, MVP-GI-245.01 and MVP-GI-244 (CIS/GAS).						The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor communicated with the Spread G LEI, contractor Environmental staff, Chief EI and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and installing enhanced ESC measures.				
8/31/2022	The Environmental Auditor conducted a site evaluation at MVP-MN-266.						The Environmental Auditor 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, contractor Environmental staff, Chief EI and MVP Environmental staff regarding observations and recommendations related to ESC measures repair/maintenance and monitoring.				
9/2/2022	The Environmental Auditor conducted site evaluations at the following locations: Big Stony Creek Road (CIS), MVP-GI-241.01/241, MVP-GI-241.04 and MVP-GI-241.03.						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 to monitor corrective action items progress from the high intensity/short duration storm event that occurred late 8/21/2022 and observed the gravel retrieved from S-ZY1 and enhanced ESC measures installed at MVP-GI-241.03. The Environmental Auditor evaluated the location where upland off right of way sediment impacts occurred and observed enhanced ESC measures installed within this location and the nearby soil stockpile. The Environmental Auditor communicated with the Spread G LEI, contractor staff, Chief EI and MVP Environmental staff regarding observations and recommendations related to proper installation of ESC measures and continued monitoring.				
8/22/2022 through 9/4/2022	<p>The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs 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-ZY1 due to a high intensity/short duration storm event that occurred late on 8/21/2022. The Environmental Auditor observed corrective action measures immediately implemented and subsequent off right of way sediment/gravel retrieval and stabilization. The Environmental Auditor provided recommendations related to proper installation of broad based dips and related end treatments, continued monitoring and installing additional/enhanced ESC measures.</p> <p>The Environmental Auditor communicated with all Spread LEIs on 9/1/2022 regarding the upcoming Bi-Weekly reporting period ending on 9/4/2022. The Environmental Auditor provided technical recommendations regarding access roadside ditch stabilization and proper check dam installation.</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 where upslope run-on could further impact access roads and install applicable ESC measures as necessary. The Environmental Auditor recommends continued communication with the contractor Environmental staff to ensure ESC 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: 9/18/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 45 conducted from 9/5/2022 through 9/18/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/5/2022 through 9/18/2022 (Includes Carry Over Items from 9/4/2022): 51											
Total Number of ODCP Inspections at Laydown Yard 026: 4 (9/6/2022 through 9/9/2022); 5 (9/12/2022 through 9/16/2022); Holiday on 9/5/2022											
Total Number of VA DEQ Observations from 9/5/2022 through 9/18/2022: 1 (*Redundant item on 9/6/2022 initially observed by the Environmental Inspector)											
Total Number of Landowner/Third Party Complaints: 0											
Total Number of Right of Way Impacts Caused by Third Parties: 2 (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 9/5/2022 through 9/18/2022.											
CARRY OVER ITEMS FROM 9/4/2022											
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
9/5/2022	0.6"-1.8" - 6 Hours *Rainfall with intervals of high intensity/short duration rates occurred on 9/4/2022	8					8		1 on 9/6/2022	7 on 9/6/2022	Eight items were identified requiring repair/maintenance and completed within the required timeframe.
9/6/2022	0.4"-1.2" - 12Hours *Rainfall occurred on 9/5/2022	21				1	20		2 on 9/7/2022	19 on 9/7/2022	Twenty-one 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.
9/8/2022		6					6		2 on 9/9/2022	4 on 9/9/2022	Six items were identified requiring repair/maintenance and completed within the required timeframe. One of the items identified several location soil stabilization blanket (SSB) installed as an enhanced erosion control measure.
9/12/2022	0.0"-0.5" - 3 Hours	5					5			5 on 9/13/2022	Five items were identified requiring repair/maintenance and completed within the required timeframe.
9/13/2022		6					6		2 on 9/13/2022	4 on 9/13/2022	Six items were identified requiring repair/maintenance and completed within the required timeframe.
9/14/2022		1				1			1 on 9/15/2022		One item was identified requiring repair/maintenance and completed within the required timeframe. This item was caused by third party impacts related to livestock traffic.
9/15/2022		4					4		2 on 9/16/2022	2 on 9/16/2022	Four 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
9/6/2022	0.4"-1.2" - 12 Hours *A prolonged rainfall event occurred on 9/5/2022	*1 (*Redundant item initially observed by the EI reported above on 9/6/2022)					*1			1 on 9/7/2022	One item was identified requiring repair/maintenance and completed within the required timeframe. This item is redundant as the observation was initially observed by the Spread G EI and noted in the Environmental Inspector Observations on 9/6/2022/2022. Refer to Environmental Inspector 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	
9/8/2022	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/GAS) and MVP-GI-241.03.	The Environmental Auditor observed locations where the ESC and SWM measures appeared to be installed and functional at the time of the evaluation. The Environmental Auditor conducted a follow up evaluation to monitor access road and ESC measures repair/maintenance progress from the high intensity/short duration storm event that occurred late 8/21/2022 and observed the following: gravel retrieved from S-ZY1, MVP-GI-241.03 stabilized with enhanced ESC measures installed and no further impacts to S-YZ1. The Environmental Auditor communicated with the Spread G LEI, Chief EI and MVP Environmental staff regarding recommendations to continue monitoring this location and implement additional/enhanced ESC measures as necessary.	
9/14/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-242.01, Doe Creek Road (GAS), Craig Creek Road/MVP-MN-258.04 (GAS) and Brush Mountain Road/FR 188 (GAS).	The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.	
9/5/2022 through 9/18/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 9/15/2022 regarding the upcoming Bi-Weekly reporting period ending on 9/18/2022.	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: 9/30/2022
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS											
Total Number of SWPPP Inspections: 49 conducted from 9/19/2022 through 9/30/2022 (includes LY-026)											
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations from 9/19/2022 through 9/30/2022 (includes Carry Over Items from 9/18/2022): 5											
Total Number of ODCP Inspections at Laydown Yard 026: 5 (9/19/2022 through 9/23/2022); 5 (9/26/2022 through 9/30/2022)											
Total Number of VA DEQ Observations from 9/19/2022 through 9/30/2022: 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 9/19/2022 through 9/30/2022.											
CARRY OVER ITEMS FROM 9/18/2022											
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
9/19/2022		1					1			1 on 9/20/2022	One item was identified requiring repair/maintenance and completed within the required timeframe.
9/20/2022		2					2			2 on 9/20/2022	Two items were identified requiring repair/maintenance and completed within the required timeframe.
9/23/2022		2					2			2 on 9/23/2022	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
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			
9/21/2022	The Environmental Auditor conducted site evaluations at the following locations: Doe Creek Road (CIS/GAS), Kow Camp Road #2 (CIS/GAS), MVP-GI-241.03 and Big Branch Hollow Road (CIS).							The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.			
9/28/2022	The Environmental Auditor conducted site evaluations at the following locations: MVP-GI-241/241.01 GAS), MVP-GI-241.04 (GAS), Cascade Drive (CIS) and MVP-GI-241.02 (GAS).							The Environmental Auditor observed locations where the ESC measures appeared to be installed and functional at the time of the evaluation.			
9/19/2022 through 9/30/2022	The Environmental Auditor reviewed and noted the daily MVP Punchlists, SWPPP VISRs and ODCP reports to be compliant during this reporting period for the Spread G Project. The Environmental Auditor communicated with all Spread LEIs on 9/29/2022 and 9/30/2022 regarding the Partial Bi-Weekly reporting period ending on 9/30/2022 (End of Q3 2022) and the upcoming Q3 2022 reports. The Environmental Auditor discussed monitoring stream approaches during the upcoming rainfall event and conducting QA/QC on all SWPPP VISRS, ODCP reports and MVP Punchlists.							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										